



REPORT
 OF THE
COMMISSIONER OF PATENTS
TO CONGRESS
 FOR THE YEAR ENDED DECEMBER 31, 1907.

Laid before the House by the Speaker, January 31, 1908, referred to the Committee on Patents, and ordered to be printed.

DEPARTMENT OF THE INTERIOR,
 UNITED STATES PATENT OFFICE,
 Washington, D. C., January 31, 1908.

To the Senate and House of Representatives of the United States of America in Congress assembled:

In compliance with section 494 of the Revised Statutes I have the honor to submit the following report of the business of the Patent Office for the year ended December 31, 1907:

RECEIPTS.

Detailed statement of all moneys received for patents, for copies of records or drawings, or from any source whatever.

Applications:	
Cash received.....	\$1,674,237.00
Cash refunded.....	5,967.00
Net cash.....	1,668,270.00
Certificates of deposit.....	47,410.00
Total cash and certificates.....	1,715,680.00
Copies:	
Cash received.....	162,178.08
Cash refunded.....	12,409.57
Net cash.....	149,768.51
Certificates of deposit.....	738.10
Total cash and certificates.....	150,506.61
Recording assignments:	
Cash received.....	28,147.02
Cash refunded.....	1,520.28
Net cash.....	26,626.74
Certificates of deposit.....	136.00
Total cash and certificates.....	26,762.74
Subscriptions to Official Gazette:	
Cash received.....	11,235.36
Cash refunded.....	136.57
Net cash.....	11,098.79
Certificates of deposit.....	30.00
Total cash and certificates.....	11,128.79
Registration of prints and labels:	
Cash received.....	8,503.00
Cash refunded.....	2,041.00
Net cash.....	6,462.00
Certificates of deposit.....	78.00
Total cash and certificates.....	6,540.00
Aggregates.	
Cash received.....	1,884,300.46
Cash refunded.....	22,074.42
Net cash.....	1,862,226.04
Certificates of deposit.....	48,392.10
Total cash and certificates.....	1,910,618.14

EXPENDITURES.

Amounts expended under the several appropriations from January 1, 1907, to December 31, 1907.

Salaries.....	\$948,391.02
Scientific library.....	2,273.19
International Union for Protection of Industrial Property.....	676.55
Stationery.....	13,164.97
Postage on foreign matter.....	1,617.00
Furniture, carpets, matting, linoleum, ice, telephones, washing towels, and sundries.....	15,861.11
Law library.....	478.05
Photolithographing, paid contractor.....	147,097.06
Printing and binding, paid Public Printer for Official Gazette, indexes, printing specifications, and miscellaneous work.....	486,316.03
Rent for storage of models.....	15,583.38
Total.....	1,631,458.36

RECEIPTS AND EXPENDITURES.

Receipts from all sources.....	\$1,910,618.14
Expenditures.....	1,631,458.36
Surplus.....	279,159.78

Statement of balance in the Treasury of the United States on account of the Patent Fund.

Amount to the credit of the fund January 1, 1907..	\$6,427,021.86
Amount of receipts during the year 1907.....	1,910,618.14
Total.....	8,337,640.00
Deduct expenditures for the year 1907.....	1,631,458.36
Balance January 1, 1908.....	6,706,181.64

SUMMARY OF THE BUSINESS OF THE PATENT OFFICE.

Applications for patents for inventions.....	57,679
Applications for patents for designs.....	896
Applications for reissues of patents.....	187
Total.....	58,762
Caveats filed.....	1,967
Applications for registration of trade-marks.....	7,722
Applications for registration of labels.....	1,027
Applications for registration of prints.....	403
Disclaimers filed.....	5
Appeals on the merits.....	1,443
Total.....	12,567
Applications requiring investigation and action.....	18,540
Patents issued, including designs.....	36,469
Patents reissued.....	151
Total.....	36,620
Trade-marks registered.....	7,878
Labels registered.....	667
Prints registered.....	315
Total.....	8,860
Patents expired during the year.....	25,322
Patents withheld for non-payment of final fees.....	5,541
Applications allowed awaiting final fees.....	11,102
Trade-mark applications passed for publication.....	7,561

PATENTS ISSUED.

Patents issued to citizens of the United States, with the ratio of population to each patent granted.

States and Territories.	Patents and designs.	One to every—	States and Territories.	Patents and designs.	One to every—
Alabama.....	156	11,722	New Hampshire.....	121	3,401
Alaska.....	7	9,063	New Jersey.....	1,504	1,252
Arizona.....	38	3,235	New Mexico.....	27	7,233
Arkansas.....	150	8,743	New York.....	5,231	1,389
California.....	1,209	1,128	North Carolina.....	153	12,377
Colorado.....	460	1,173	North Dakota.....	134	2,381
Connecticut.....	920	987	Ohio.....	2,493	1,667
Delaware.....	44	4,198	Oklahoma.....	148	2,690
District of Columbia.....	296	941	Oregon.....	219	1,888
Florida.....	111	4,761	Panama.....	4	7
Georgia.....	264	8,395	Pennsylvania.....	3,471	1,815
Hawaii.....	16	9,625	Philippine Islands.....	10	7
Idaho.....	76	2,128	Porto Rico.....	7	1,581
Illinois.....	3,470	1,388	Rhode Island.....	271	26,302
Indiana.....	921	2,732	South Carolina.....	72	3,161
Indian Territory.....	61	6,589	South Dakota.....	127	8,709
Iowa.....	679	3,285	Tennessee.....	232	5,604
Kansas.....	472	3,113	Texas.....	544	2,740
Kentucky.....	304	8,063	Utah.....	101	3,656
Louisiana.....	160	8,635	Vermont.....	94	6,767
Maine.....	178	3,901	Virginia.....	274	1,263
Maryland.....	383	3,107	Washington.....	410	4,045
Massachusetts.....	2,113	1,327	West Virginia.....	237	2,729
Michigan.....	1,110	2,190	Wisconsin.....	758	4,206
Minnesota.....	598	2,928	Wyoming.....	22	6
Mississippi.....	108	14,363	United States Army.....	6	15
Missouri.....	1,130	2,749	United States Navy.....	15	32,603
Montana.....	118	2,062			
Nebraska.....	327	3,267			
Nevada.....	39	1,085			
			Total.....	32,603	

Comparative statement showing percentage of increase and decrease of patents granted to citizens of the various States and Territories during a period of twenty-five years, from 1883 to 1907.

States and Territories.	Patents granted in 1883.	Patents granted in 1907.	Increase.	Decrease.	Percentage of increase.	Percentage of decrease.
Alabama.....	77	156	79	.....	102.5	.....
Alaska.....	^a 1	7	6	.....	600.	.....
Arizona.....	14	38	24	.....	171.4	.....
Arkansas.....	59	150	91	.....	154.2	.....
California.....	596	1,209	613	.....	102.8	.....
Colorado.....	119	460	341	.....	286.5	.....
Connecticut.....	883	920	37	.....	4.1	.....
Delaware.....	36	44	8	.....	22.2	.....
District of Columbia.....	217	296	79	.....	36.4	.....
Florida.....	24	111	87	.....	362.5	.....
Georgia.....	115	264	149	.....	127.8	.....
Hawaii.....	^b 7	16	9	.....	128.5	.....
Idaho.....	6	76	70	.....	1166.6	.....
Illinois.....	1,792	3,470	1,678	.....	93.6	.....
Indiana.....	712	921	209	.....	29.3	.....
Indian Territory.....	^c 3	61	58	.....	1,933.3	.....
Iowa.....	445	679	234	.....	52.5	.....
Kansas.....	189	472	283	.....	149.7	.....
Kentucky.....	228	304	76	.....	33.3	.....
Louisiana.....	80	160	80	.....	100.	.....
Maine.....	183	178	.....	5	.....	2.8
Maryland.....	260	383	123	.....	47.3	.....
Massachusetts.....	2,173	2,113	.....	60	.....	2.8
Michigan.....	727	1,110	383	.....	52.6	.....
Minnesota.....	210	598	388	.....	184.7	.....
Mississippi.....	51	108	57	.....	111.7	.....
Missouri.....	625	1,130	505	.....	80.8	.....
Montana.....	17	118	101	.....	594.1	.....
Nebraska.....	87	327	240	.....	275.8	.....
Nevada.....	23	38	16	.....	69.5	.....
New Hampshire.....	139	121	.....	18	.....	14.8
New Jersey.....	1,066	1,504	438	.....	41.1	.....
New Mexico.....	11	27	16	.....	145.4	.....
New York.....	4,359	5,231	872	.....	20.	.....
North Carolina.....	87	153	66	.....	75.8	.....
North Dakota.....	15	134	119	.....	793.3	.....
Ohio.....	1,604	2,483	879	.....	55.4	.....
Oklahoma.....	^d 4	148	144	.....	3600.	.....
Oregon.....	76	219	143	.....	188.1	.....
Pennsylvania.....	2,168	3,471	1,303	.....	60.1	.....
Rhode Island.....	327	271	.....	56	.....	20.6
South Carolina.....	47	72	25	.....	53.1	.....
South Dakota.....	15	112	112	.....	746.6	.....
Tennessee.....	124	232	108	.....	87.	.....
Texas.....	208	544	336	.....	161.5	.....
Utah.....	21	101	80	.....	380.	.....
Vermont.....	109	94	.....	15	.....	15.9
Virginia.....	122	274	152	.....	124.5	.....
Washington.....	21	410	389	.....	1852.3	.....
West Virginia.....	82	237	155	.....	189.	.....
Wisconsin.....	394	758	364	.....	92.3	.....
Wyoming.....	5	22	17	.....	340.	.....

^a First patent granted 1899.^b First patent granted 1898.^c First patent granted 1884.^d First patent granted 1890.

REPORT OF THE COMMISSIONER OF PATENTS FOR THE YEAR 1907.

V

Patents granted to citizens of foreign countries.

Algeria.....	1	France.....	334	Newfoundland.....	6	Spain.....	11
Argentina.....	12	Germany.....	1,182	New South Wales.....	34	Sweden.....	77
Austria-Hungary.....	127	Guatemala.....	1	New Zealand.....	45	Switzerland.....	121
Belgium.....	58	Haiti.....	2	Nicaragua.....	15	Tasmania.....	7
Brazil.....	6	India.....	5	Norway.....	15	Transvaal.....	33
Canada.....	536	Ireland.....	22	Peru.....	2	Turkey.....	3
Cape Colony.....	7	Italy.....	48	Portugal.....	2	Venezuela.....	5
Colombia.....	1	Jamaica.....	2	Queensland.....	6	Victoria.....	51
Costa Rica.....	1	Japan.....	9	Rhodesia.....	1	Western Australia.....	7
Cuba.....	21	Luxemburg.....	4	Roumania.....	2		
Denmark.....	40	Mexico.....	26	Russia.....	33	Total.....	3,866
England.....	868	Netherlands.....	23	Scotland.....	62		
Ecuador.....	1			South Australia.....	4		

The following tables present a comparative statement of the business of the Patent Office since the enactment of the statute of 1836 and exhibit in detail the business of the Office during the last calendar year:

Comparative statement of the business of the Office from 1837 to 1907, inclusive.

Year.	Applica- tions.	Caveats filed.	Patents and re- issues.	Cash received.	Cash ex- pended.	Surplus.
1837.....			435	\$29,289 08	\$33,506 98	
1838.....			520	42,123 54	37,338 02	\$4,784 62
1839.....			425	38,019 97	34,543 51	3,476 46
1840.....	765	228	473	38,056 51	39,020 67	
1841.....	847	312	495	40,413 01	52,666 87	
1842.....	761	291	517	36,505 63	31,241 43	5,264 20
1843.....	819	315	519	35,315 81	30,776 96	4,538 85
1844.....	1,045	380	497	42,509 26	36,344 53	6,164 73
1845.....	1,246	452	503	51,076 14	39,395 65	11,680 49
1846.....	1,272	448	638	50,264 16	46,158 71	4,105 45
1847.....	1,531	533	569	63,111 19	41,878 35	21,232 84
1848.....	1,628	607	653	67,576 69	58,905 84	8,670 85
1849.....	1,955	595	1,077	80,752 78	77,716 44	3,036 34
1850.....	2,193	602	993	86,927 05	80,100 95	6,826 10
1851.....	2,258	760	872	95,738 61	86,916 93	8,821 68
1852.....	2,639	996	1,019	112,056 34	95,916 91	16,139 43
1853.....	2,673	901	961	121,527 45	132,869 83	
1854.....	3,324	868	1,844	163,789 84	167,146 32	
1855.....	4,435	906	2,013	216,459 35	179,540 33	36,919 02
1856.....	4,960	1,024	2,505	192,588 02	199,931 02	
1857.....	4,771	1,010	2,896	196,132 01	211,582 09	
1858.....	5,364	943	3,710	203,716 16	193,193 74	10,522 42
1859.....	6,225	1,079	4,538	245,942 15	210,278 41	35,663 74
1860.....	7,653	1,084	4,819	256,352 59	252,820 80	3,531 79
1861.....	4,643	700	3,340	137,354 44	221,491 91	
1862.....	5,038	824	3,521	215,754 99	182,810 39	32,944 06
1863.....	6,014	787	4,170	195,593 29	189,414 14	6,179 15
1864.....	6,972	1,063	5,020	240,919 98	229,868 00	11,051 98
1865.....	10,664	1,932	6,616	348,791 84	274,199 34	74,592 50
1866.....	15,269	2,723	9,450	495,605 38	301,724 28	133,941 10
1867.....	21,276	3,597	13,015	646,581 92	639,263 32	7,318 60
1868.....	20,445	3,705	13,378	681,565 86	628,679 77	52,886 09
1869.....	19,271	3,624	13,986	693,145 81	486,430 74	206,715 07
1870.....	19,171	3,273	13,321	609,456 70	557,147 19	112,309 57
1871.....	19,472	3,366	13,033	678,716 46	562,091 64	116,624 82
1872.....	18,246	3,090	13,590	699,726 39	665,595 00	34,131 39
1873.....	20,414	3,248	12,864	703,191 77	691,178 98	12,012 79
1874.....	21,602	3,181	13,599	738,278 17	679,288 41	58,989 76
1875.....	21,638	3,094	14,837	743,453 36	721,657 71	21,795 65
1876.....	21,425	2,697	15,595	757,987 65	652,542 60	105,445 05
1877.....	20,308	2,809	14,187	732,342 85	613,152 62	119,190 23
1878.....	20,260	2,755	13,444	725,375 55	593,082 89	132,292 66
1879.....	20,059	2,620	13,213	703,931 47	529,638 97	174,292 50
1880.....	23,012	2,490	13,947	749,685 32	538,865 17	210,820 15
1881.....	26,059	2,406	16,584	853,665 89	605,173 28	248,492 61
1882.....	31,522	2,553	19,267	1,009,219 45	683,867 67	325,351 78
1883.....	34,576	2,741	22,383	1,146,240 00	675,234 86	471,005 14
1884.....	35,600	2,582	20,413	1,075,798 80	970,579 76	105,219 04
1885.....	35,717	2,552	24,233	1,188,089 15	1,024,378 85	163,710 30
1886.....	35,968	2,513	22,508	1,154,551 40	992,503 45	162,047 95
1887.....	35,613	2,622	21,477	1,144,509 60	994,472 22	150,037 38
1888.....	35,797	2,251	20,506	1,118,516 10	973,108 78	145,407 32
1889.....	40,575	2,481	24,158	1,281,728 05	1,052,965 96	228,772 09
1890.....	41,048	2,311	26,292	1,340,372 66	1,099,297 74	241,074 92
1891.....	40,552	2,408	23,244	1,271,285 78	1,139,713 35	131,572 43
1892.....	40,753	2,290	23,559	1,286,331 88	1,110,739 24	175,592 59
1893.....	38,473	2,247	23,769	1,242,871 64	1,141,038 45	101,833 19
1894.....	38,439	2,286	20,867	1,187,439 58	1,100,047 12	87,392 46
1895.....	40,680	2,415	22,057	1,245,246 93	1,106,389 49	138,857 44
1896.....	43,982	2,271	23,373	1,324,059 83	1,113,413 71	210,646 12
1897.....	47,905	2,176	23,794	1,375,641 72	1,122,843 13	252,798 59
1898.....	35,842	1,659	22,267	1,137,734 48	1,136,196 20	1,538 28
1899.....	41,443	1,716	25,527	1,325,457 03	1,211,783 73	113,673 30
1900.....	41,980	1,731	26,499	1,350,828 53	1,260,019 62	90,808 91
1901.....	46,449	1,842	27,373	1,449,398 16	1,297,385 64	152,012 52
1902.....	49,641	1,851	27,886	1,552,859 08	1,393,345 54	159,513 54
1903.....	50,213	1,771	31,699	1,642,201 81	1,448,645 81	193,556 00
1904.....	52,143	1,808	30,934	1,657,326 53	1,476,000 38	181,326 15
1905.....	54,971	1,896	30,399	1,806,758 14	1,479,633 22	327,124 92
1906.....	56,432	1,885	31,965	1,790,921 38	1,554,891 20	236,030 18
1907.....	58,762	1,967	36,620	1,910,618 14	1,631,458 36	279,159 78

Statement showing the number of the first patent, design patent, and reissued patent, and the number of the first certificate of registration of a trade-mark, label, and print issued in each calendar year since July 28, 1836, when the present series of numbers of letters patent commenced, together with the total number of each issued during the year.

[The number of patents granted prior to the commencement of this series of numbering (July 28, 1836) was 9,957.]

Calendar year.	Number of first patent and certificate issued in each calendar year.						Number of patents and certificates of registration issued during each calendar year.							
	Patents.	Designs.	Reissues.	Trade-Marks.	Labels.	Prints.	Patents.	Designs.	Reissues.	Total patents.	Trade-Marks.	Labels.	Prints.	Total certificates.
1836 (July 28)	1						109							
1837.....	110						436							
1838.....	546		1				515		6					
1839.....	1,061		7				404		13					
1840.....	1,465		20				458		10					
1841.....	1,923		30				490		6					
1842.....	2,413		36				488		13					
1843.....	2,901	1	49				494	14	11	519				
1844.....	3,395	15	60				478	12	7	497				
1845.....	3,873	27	67				475	17	11	503				
1846.....	4,348	44	78				566	59	13	638				
1847.....	4,914	103	91				495	60	14	569				
1848.....	5,409	163	105				584	46	23	653				
1849.....	5,993	209	128				988	49	30	1,067				
1850.....	6,981	258	158				884	83	26	993				
1851.....	7,865	341	184				757	90	25	872				
1852.....	8,622	431	209				890	109	20	1,019				
1853.....	9,512	540	229				846	86	29	961				
1854.....	10,358	626	258				1,759	57	28	1,844				
1855.....	12,117	683	286				1,892	70	51	2,013				
1856.....	14,009	753	337				2,315	107	83	2,505				
1857.....	16,324	860	420				2,686	113	97	2,896				
1858.....	19,010	973	517				3,467	102	126	3,695				
1859.....	22,477	1,075	643				4,165	108	231	4,504				
1860.....	26,642	1,183	674				4,363	183	232	4,778				
1861.....	31,005	1,366	1,106				3,040	142	117	3,329				
1862.....	34,045	1,508	1,253				3,221	195	116	3,532				
1863.....	37,266	1,703	1,369				3,781	176	227	4,184				
1864.....	41,047	1,879	1,596				4,638	139	248	5,025				
1865.....	45,685	2,018	1,844				6,099	221	296	6,616				
1866.....	51,784	2,239	2,140				8,874	294	290	9,458				
1867.....	60,658	2,533	2,430				12,301	325	400	13,026				
1868.....	72,959	2,858	2,830				12,544	446	420	13,410				
1869.....	85,503	3,304	3,250				12,957	506	534	13,997				
1870.....	98,460	3,810	3,784		1		12,157	737	439	13,333				
1871.....	110,617	4,547	4,223	122			11,687	905	464	13,056	121			121
1872.....	122,304	5,452	4,687	608			12,200	884	529	13,613	486			486
1873.....	134,504	6,336	5,216	1,099			12,200	884	529	13,613	491			491
1874.....	146,120	7,083	5,717	1,591			11,616	747	501	12,864	492			492
1875.....	158,350	7,969	6,200	2,150	233		12,230	886	483	13,599	559	232		791
1876.....	171,641	8,884	6,831	3,283	465		13,291	915	631	14,837	1,138	232		1,370
1877.....	185,813	9,686	7,452	4,247	937		14,172	802	621	15,595	959	472		1,431
1878.....	198,733	10,385	8,020	5,463	1,329		12,920	699	568	14,187	1,216	392		1,608
1879.....	211,078	10,975	8,529	6,918	1,821		12,345	590	509	13,444	1,455	492		1,947
1880.....	223,211	11,567	9,017	7,790	2,176		12,133	592	488	13,213	1,372	355		1,227
1881.....	236,137	12,082	9,523	8,139	2,379		12,926	515	506	13,947	349	203		552
1882.....	251,685	12,647	9,994	8,973	2,581		15,548	565	471	16,584	834	202		1,036
1883.....	269,820	13,509	10,265	9,920	2,885		18,135	861	271	19,267	947	304		1,251
1884.....	291,016	14,528	10,432	10,822	3,791		21,196	1,020	167	22,383	902	906		1,808
1885.....	310,163	15,678	10,548	11,843	4,304		19,147	1,150	116	20,413	1,021	513		1,534
1886.....	333,494	16,451	10,677	12,910	4,695		23,331	773	129	24,233	1,067	391		1,458
1887.....	355,291	17,046	10,793	13,939	5,073		21,797	595	116	22,508	1,029	378		1,407
1888.....	375,720	17,995	10,892	15,072	5,453		20,429	949	99	21,477	1,133	380		1,513
1889.....	395,305	18,830	10,978	16,131	5,780		19,585	835	86	20,506	1,059	327		1,386
1890.....	418,665	19,553	11,053	17,360	6,099		23,360	723	75	24,158	1,229	319		1,548
1891.....	443,987	20,439	11,137	18,775	6,403		25,322	886	84	26,292	1,415	304		1,719
1892.....	466,315	21,275	11,217	20,537	6,540		22,328	836	80	23,244	1,762	137		1,899
1893.....	488,976	22,092	11,298	22,274	None.	1	22,661	817	81	23,559	1,737	137		1,743
1894.....	511,744	22,994	11,397	23,951	Do.	3	22,768	902	99	23,769	1,677	None.	2	1,679
1895.....	531,619	23,922	11,461	25,757	Do.	7	19,875	928	64	20,857	1,806	Do.	4	1,810
1896.....	552,502	25,037	11,520	27,586	6,546	10	20,883	1,115	59	22,057	1,829	Do.	3	1,832
1897.....	574,369	26,482	11,581	29,399	6,547	42	21,867	1,445	61	23,273	1,813	1	32	1,846
1898.....	596,467	28,113	11,646	31,070	6,561	58	22,098	1,631	65	23,794	1,671	14	16	1,701
1899.....	616,871	29,916	11,706	32,308	6,761	93	20,404	1,803	60	22,267	1,238	200	35	1,473
1900.....	640,167	32,055	11,798	33,957	7,272	193	23,296	2,139	92	25,527	1,649	511	100	2,260
1901.....	664,827	33,813	11,879	35,678	8,009	286	24,660	1,768	81	26,499	1,721	737	93	2,551
1902.....	690,385	35,547	11,960	37,606	8,887	445	25,558	1,734	81	27,373	1,928	878	159	2,965
1903.....	717,521	36,187	12,070	39,612	9,654	603	27,136	640	110	27,886	2,006	767	158	2,931
1904.....	748,567	36,723	12,189	41,798	10,644	873	31,046	536	117	31,699	2,186	990	270	3,446
1905.....	778,834	37,280	12,299	43,956	11,758	1,170	30,267	557	110	30,934	2,158	1,114	297	3,569
1906.....	808,618	37,766	12,428	46,446	12,588	1,529	29,784	486	129	30,399	4,490	830	359	5,679
1907.....	839,799	38,391	12,587	49,014	13,297	1,874	31,181	625	159	31,965	10,568	709	656	11,933
							35,880	589	151	36,620	7,878	667	315	8,860

*Registration of labels practically suspended May 27, 1891, under decision of the United States Supreme Court in *Higgins et al. v. Keuffel et al.* (55 O. G., 1139), with the registration of No. 6,545, June 14, 1892. Resumed June 9, 1896, with the registration of No. 4,546.

Expenditures for photolithographic and photographic work since 1884-85.

Fiscal year.	Contractor.	Price per page.				Total.	Official Gazette.	Grand total.
		Current issue.	Reproduction of exhausted copies.	Library edition.	Photographic copies.			
1884-85.....	Norris Peters.....	a \$1 61	† \$1 58 j 1 00	† \$2 90		\$78,671 99	\$39,614 40	\$118,286 39
1885-86.....	do.....	a 1 61	† 1 58 j 1 00	† 2 80		84,940 19	44,351 00	129,291 19
1886-87.....	do.....	a 1 61	† 1 56 j 1 00	† 2 80		79,509 57	41,869 00	121,378 57
1887-88.....	do.....	a 1 61	† 1 56 j 1 00	† 2 80		77,907 96	41,183 60	119,091 56
1888-89.....	do.....	a 1 61	† 1 56 j 1 00	† 2 80		83,284 54	43,999 70	127,284 24
1889-90.....	do.....	a 1 61	† 1 56 j 1 00	† 2 80		101,292 67	58,992 40	160,285 07
1890-91.....	do.....	a 1 61	† 1 56 j 1 00	† 2 80		110,998 97	65,966 10	176,965 07
1891-92.....	Norris Peters Co.....	b 1 57	† 1 56 j 1 00	† 2 80		99,992 58	52,969 50	152,962 08
1892-93.....	do.....	b 1 55 c 1 49	† 1 56 j 1 00	† 2 80		99,788 92	54,998 30	154,787 22
1893-94.....	National Lithographic Co.....	b 1 55 c 1 47	† 1 56 j 1 00	† 2 70		94,911 33	49,997 70	144,909 02
1894-95.....	Norris Peters Co.....	b 1 01 c 96	† 1 14 j 94	† 1 95		60,482 04	38,297 88	98,779 92
1895-96.....	A. B. Graham.....	d 1 0025 e 9775	k 735 l 93	u 1 10		58,866 60	42,326 30	101,192 90
1896-97.....	Norris Peters Co.....	f 84 e 655	m 65 n 60	u 1 00		58,960 78	35,712 00	94,672 78
1897-98.....	do.....	d 92 e 83	m 75 n 75	u 1 50		68,999 28	39,749 40	108,748 68
1898-99.....	do.....	d 1 005 e 885	o 72 n 78	u 1 60	† \$0 07 w 095 y 125	75,999 85	46,065 60	122,065 45
1899-1900.....	Norris Peters Co.....	g 995	p 70		v 05			
	*Henry C. Yates & Co.....	e 885	n 78	u 1 60	w 12 y 18 y 05	98,999 90	55,092 80	154,092 70
1900-1901.....	do.....	g 1 08 h 1 03	q 80	u 1 75	w 12 y 20 y 05	108,999 54	62,100 00	171,099 54
1901-1902.....	do.....	g 1 08 h 1 03	q 80	u 1 75	w 12 y 20 y 05	108,999 55	66,600 00	175,599 55
1902-1903.....	Norris Peters Co.....	g 1 08	q 80	u 1 75	w 14 y 20	123,842 76	75,112 50	198,955 26
1903-1904.....	*Charles Parker.....	h 1 03			w 10			
	Norris Peters Co.....	g 1 08	q 80	u 1 75	y 15	129,999 97	84,162 50	214,162 47
	*W. E. Oliver.....	h 1 03			w 10 y 15			
1904-1905.....	Sackett & Wilhelms Litho- graphing & Printing Co.....	d 1 30 h 95	q 80 r 1 10 l 25	u 1 65	w 10 y 15	140,000 00	75,020 00	215,020 00
	*C. Parker.....							
	\$A. B. Graham Co.....	d 0 895	q 0 60					
	*Norris Peters Co.....	aa 725	r 80	u 1 38	w 0 08 y 13	129,999 99	71,736 00	201,735 99
1905-1906.....	*Columbia Planograph Co.....	bb 705	s 90					
	*W. E. Oliver.....	cc 60						
	Sackett & Wilhelms Litho- graphing & Printing Co.....							
	\$Norris Peters Co.....	f 80	q 57					
	*Norris Peters Co.....	dd 65	s 85					
1906-1907.....	*A. B. Graham Co.....			ee 1 22		140,000 00	ff.....	140,000 00
	*E. L. Parker.....				w 08 y 13			
	\$Norris Peters Co.....							
1907-1908.....	*J. A. Eckert.....	f 77	q 50	ee 1 15	x 09 y 13	140,000 00	ff.....	140,000 00
	*Columbia Planograph Co.....	dd 64	s 67					
	*H. A. Farnham.....							

§ For current issue.

† For reproduction of exhausted copies.

* For the library edition.

* For photographic work.

* For Official Gazette.

a For 152 thin, 2 thick, and 1 bond copies.

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e For 24 thin, 4 thick, and 1 bond copies of designs and trade-marks.

f For 100 thin, 2 thick, and 1 bond copies.

g For 75 thin, 2 proof, 2 thick, and 1 bond copies.

h For 50 thin, 4 thick, and 1 bond copies of designs and trade-marks.

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z Estimated.

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bb For 50 thin, 2 thick, and 1 bond copies of trade-marks.

cc For 2 copies of trade-marks for publication.

dd For 50 thin, 2 thick, and 1 bond copies of trade-marks and designs.

ee For 150 copies.

ff No contract made with photolithographer for illustrations for Official Gazette.

Number of patents issued by the United States and foreign countries from the earliest period to December 31, 1907.

[Foreign figures for 1907 estimated.]

Country.	To 1870, inclusive.	1871 to 1907.	Total.	Country.	To 1870, inclusive.	1871 to 1907.	Total.
Argentina	83	6,704	6,787	Malta		67	67
Australia		4,172	4,172	Mauritius	113	265	378
Austria		50,350	50,350	Mexico	22	7,251	7,273
Austria-Hungary	15,350	67,583	82,933	Netherlands	4,535		4,535
Bahamas		2	2	Newfoundland	40	364	404
Barbadoes		137	137	New South Wales	236	11,740	11,976
Belgium	35,044	176,217	211,261	New Zealand	109	11,319	11,428
Bolivia	42	65	107	Norway	737	17,922	18,659
Brazil	185	5,622	5,807	Paraguay		75	75
British Guiana	32	94	126	Peru		160	160
British Honduras	1	19	20	Portugal	245	5,326	5,571
Canada	4,081	108,576	112,657	Queensland	67	6,368	6,435
Ceylon	58	639	697	Russia	1,464	17,796	19,260
Chile	266	1,557	1,823	St. Helena		4	4
Colombia		973	973	South African Republic		1,262	1,262
Congo Free State		184	184	South Australia	123	6,221	6,344
Costa Rica		52	52	Spain		38,348	38,348
Denmark	464	17,368	17,832	Straits Settlements		184	184
Ecuador		10	10	Sweden	1,629	25,186	26,815
Fiji Islands		33	33	Switzerland		39,473	39,473
Finland	112	2,877	2,989	Tasmania	43	2,426	2,469
France	103,934	291,338	395,272	Transvaal		1,581	1,581
Germany	9,996	202,084	212,080	Trinidad	6	176	182
Great Britain	53,408	329,709	383,117	Tunis		639	639
Guatemala		57	57	Turkey		1,640	1,640
Hawaii (prior to Aug. 12, 1898)		148	148	Uruguay		320	320
Hongkong		159	159	Venezuela		216	216
Hungary		36,409	36,409	Victoria	822	12,463	13,285
India	445	9,118	9,563	West Australia		3,524	3,524
Italy and Sardinia	4,723	80,195	84,918	Total foreign	238,437	1,625,399	1,863,836
Jamaica	22	192	214	United States	120,573	765,062	*885,635
Japan		13,235	13,235	Grand total	359,010	2,390,461	2,749,471
Leeward Islands		20	20				
Liberia		2	2				
Luxemburg		7,183	7,183				

* Including 9,957 patents issued prior to July 1, 1836.

The following comparison between the receipts, expenditures, applications filed, issues of the Office, the printed copies sold, copies of records furnished, and the number of employees for the years ended, respectively, December 31, 1899, and December 31, 1907, illustrates the growth of the business of the Patent Office:

Class.	1899.	1907.	Increase.	Percentage of increase.
Receipts	\$1,325,457.03	\$1,910,618.14	\$585,161.11	44.1
Expenditures	\$1,211,783.73	\$1,631,458.36	\$419,674.63	34.6
Applications and caveats filed	45,990	69,881	23,891	51.9
Letters patent, design and reissue patents granted, and trade-marks, labels, and prints registered	27,787	45,480	17,693	63.6
Printed copies of patents furnished	1,451,519	2,317,838	866,319	59.6
Price received	\$50,201.11	\$88,026.47	\$37,825.36	75.3
Words written in copies of records furnished	13,575,650	24,182,900	10,607,250	78.1
Number of employees	663	821	158	23.8

SUMMARY OF TABLES.

In 1907 there were received 57,679 applications for mechanical patents, 896 applications for design patents, 187 applications for reissues of patents, 7,722 applications for registration of trade-marks, 1,027 applications for registration of labels, and 403 applications for registration of prints. There were 36,469 patents issued, including designs, 151 patents reissued, and 7,878 trade-marks, 667 labels, and 315 prints registered. The number of patents that expired was 25,322. The number of allowed applications awaiting the payment of final fees was 11,102, and the number forfeited for non-payment of the final fees 5,541. The total receipts were \$1,910,618.14, the expenditures \$1,631,458.36, and the surplus of receipts over expenditures \$279,159.78. The total balance to the credit of the Patent Office in the Treasury of the United States on January 1, 1908, was \$6,706,181.64.

In proportion to population more patents were issued to citizens of the District of Columbia than to those of any State—1 to every 941. Next in order are the following: Connecticut, 1 to every 987; Nevada, 1 to

every 1,085; California, 1 to every 1,128; Colorado, 1 to every 1,173; New Jersey, 1 to every 1,252; Washington, 1 to every 1,263; Massachusetts, 1 to every 1,327; Illinois, 1 to every 1,388; New York, 1 to every 1,389; Rhode Island, 1 to every 1,581; Ohio, 1 to every 1,667; Pennsylvania, 1 to every 1,815; Oregon, 1 to every 1,888; Montana, 1 to every 2,062; Idaho, 1 to every 2,128; Michigan, 1 to every 2,190; North Dakota, 1 to every 2,381; Oklahoma, 1 to every 2,690; Wisconsin, 1 to every 2,729; Indiana, 1 to every 2,732; Utah, 1 to every 2,740; Missouri, 1 to every 2,749; Minnesota, 1 to every 2,928; Maryland, 1 to every 3,107; Kansas, 1 to every 3,113; South Dakota, 1 to every 3,161; Arizona, 1 to every 3,235; Nebraska, 1 to every 3,267; Iowa, 1 to every 3,285; New Hampshire, 1 to every 3,401; Vermont, 1 to every 3,656; Maine, 1 to every 3,901; West Virginia, 1 to every 4,045; Delaware, 1 to every 4,198; Wyoming, 1 to every 4,206; Florida, 1 to every 4,761; Texas, 1 to every 5,604; Indian Territory, 1 to every 6,589; Virginia, 1 to every 6,767; New Mexico, 1 to every 7,233; Kentucky, 1 to every 8,063; Georgia, 1 to every 8,395; Louisiana, 1 to every

8,635; Tennessee, 1 to every 8,709; Arkansas, 1 to every 8,743; Alaska, 1 to every 9,063; Hawaii, 1 to every 9,625. The fewest patents granted in proportion to the number of inhabitants were in the following States: South Carolina, 1 to every 26,302; Mississippi, 1 to every 14,363; North Carolina, 1 to every 12,377, and Alabama, 1 to every 11,722.

As to foreign patents, 1,182 were granted to citizens of Germany; 868 to those of England; 536 to those of Canada; 334 to those of France; 127 to those of Austria-Hungary; 121 to those of Switzerland; 77 to those of Sweden; 62 to those of Scotland; 58 to those of Belgium; 51 to those of Victoria; 48 to those of Italy; 45 to those of New Zealand; 40 to those of Denmark; 34 to those of New South Wales; 33 each to those of Russia and Transvaal; 26 to those of Mexico; 23 to those of the Netherlands; 22 to those of Ireland; 21 to those of Cuba; 15 to those of Norway; 12 to those of Argentina; 11 to those of Spain; 9 to those of Japan; 7 each to those of Cape Colony, Tasmania, and Western Australia; 6 each to those of Brazil, Newfoundland, and Queensland; 5 each to those of India and Venezuela; 4 each to those of Luxemburg and South Australia; 3 to those of Turkey; 2 each to those of Haiti, Jamaica, Peru, Portugal, and Roumania; 1 each to those of Algeria, Colombia, Costa Rica, Ecuador, Guatemala, Java, Nicaragua, and Rhodesia.

THE PRESENT CONDITION OF THE PATENT OFFICE.

Since assuming the duties of Commissioner of Patents on June 1, 1907, and in the seven months of my incumbency, I have carefully studied the conditions existing in the various branches of the Bureau with a view to ascertaining what changes were necessary to better the conditions thereof generally in the interests of the inventors, manufacturers, and all those having business before it.

I have learned that very material changes are called for in the internal administration thereof, and much needed relief should be granted by Congress in certain respects. I will recite in part in this report the recommendations for relief that I have already made to Hon. James Rudolph Garfield, Secretary of the Interior. The Secretary has granted all my requests for assistance and relief, so far as was within his power, except matters requiring additional legislation by Congress, in order to bring this Bureau up to a high standard of working efficiency.

ADDITIONAL ROOM.

The additional room assigned this Office by the Secretary in June last has resulted in a vast improvement of the Office in that respect. I have been able to utilize this additional space in expanding the various divisions, and thereby relieving the very congested conditions of nearly the whole Bureau. The administrative and judicial tribunals have been brought together in one corridor of the same floor, the Commissioner, Assistant Commissioner, Chief Clerk, Examiner of Interferences, and Board of Examiners-in-Chief, all being so located that they are accessible and convenient to all persons having business before them. This has made it possible to dispense with one docket clerk and his force and to establish a docket room common to all appellate

tribunals. It has been possible also by this change to furnish two anterooms for the use of attorneys whose causes are on call before the Commissioner, Assistant Commissioner, and the Board of Examiners-in-Chief, and to afford them means to consult clients and examine the records in their cases before hearings. The use of these two ante or waiting rooms for inventors and attorneys also prevents inventors and attorneys from hearing the secret inventions being disclosed by attorneys presenting their particular cases before these tribunals, and thereby guards against the possibility of inventions being imparted to others before patents issue. This change in the manner of hearings has given great satisfaction to all having cases on appeal before the various tribunals of the Office. The additional room furnished, however, will not be sufficient for the needs of this Office for more than a short period. Additional space will be required in the near future, probably in about a year, and I would suggest that some action be taken during the present session to meet the needs as to more space. Permit me to recommend, therefore, that the branch printing office in the basement of the Ninth street wing be moved to the Government Printing Office. That would result in making available a tier of rooms from F to G streets that would furnish a proper housing for about fifty clerks. The basement of the other three sides of the building should be remodeled to harmonize with the Ninth street front. This could be accomplished by lowering the floors of the other three corridors of the building, cutting down the court to the corridor levels, and sinking the outside plots and terraces below the level of the street. This would afford ample light and ventilation to all the basement rooms. By this change the great dampness, which is caused by the water in the earth of the court and terraces percolating through the retaining walls, would be obviated. Modern granolithic sidewalks should be provided around the entire building, which would furnish storage room beneath for copies of patents for a great many years, and this space beneath the sidewalks would be dry, light, and well ventilated by reason of the sunken plots of ground between the main building and the walks. The question of storage room for copies of patents is a serious one at this time; and as about two hundred linear feet of space is required weekly to house the weekly issue of patents, which consists of one hundred copies each of eight hundred patents, it is imperative that some relief be afforded as soon as practicable. The present third floor and galleries should be relieved of the great weight of copies of patents and other records now placed thereon by changing them to the basement floor or under the suggested new sidewalks. The upper northwest corner wall of the building is already cracked, caused by former excessive weight of material having been placed there. I would suggest, also, that additional rooms be constructed between the third-story floors, known as the model halls, and the ceilings of said halls, as those halls since the removal of the models therefrom no longer need such high ceilings, and a great amount of valuable space is wasted. These changes would furnish excellent light and commodious space without great cost, compared with the expense of erecting a new building. If these changes are not deemed desirable, I would respectfully recom-

mend that a new building be provided in which the Patent Office may be housed. This new building could be paid for entirely out of the surplus in the Treasury to the credit of the Patent Office, which on January 1, 1908, was \$6,706,181.64. This surplus of the net receipts over all expenditures has been derived entirely from the fees paid by the inventors of the country, directly or indirectly.

CONDITION OF THE WORK.

The work has been for years very much in arrears and is in the same condition at this time. This has been found to be caused, first, mainly by the insufficient force of examiners and clerks to meet the great volume of work coming in, a large increase yearly, which yearly increase is not always capable of being estimated in advance, so that the same arrearage of work has existed each year for many years. The examining corps of the Office has repeatedly worked until 5 o'clock, even when the official day closed at 4 o'clock, for many years, and they have been called upon several times to work later than this hour and have frequently forfeited a part or all of their annual leaves for the purpose of bringing up their work in order that a good showing might be made before Congress met. Their efforts under these conditions were at best spasmodic, and simply resulted in thousands of actions being made which were nothing more than frivolous. After one of these annual efforts it was necessary to do a great portion of that work all over again, and it really had the effect of throwing the business of examination of applications further back than ever. This resulted not only in vexatious delays to the inventors, but it caused hundreds of complaints to be filed, and, what was still more embarrassing and serious, a great many applications were passed to issue that were not ready for patent, with the result that the inventors and owners of meritorious inventions forfeited valuable rights by these careless, ill-considered, and hasty actions on the part of the Office. The inventors are entitled to be protected as well as the public, and they should always be helped by the Office in all legitimate ways. The inventors pay the Government for the work to be done in the examination and issue of their patents, even though they appeal their cases in regular order to all the tribunals of this Office and finally to the United States Court of Appeals of the District of Columbia, for a fee is charged for each appeal in addition to the Government fee of \$35. Complaints against the conduct of affairs in this Office have been numerous, and many have been based upon good and sufficient grounds. The affairs of the Office should be so conducted that very few, if any, just complaints could be lodged. In view, therefore, of the great amount of accumulated work and the great volume of work that is constantly coming in, increasing each year and keeping pace with the growth of the country and the activities of manufactures and commerce, I am most decidedly of the opinion that the present force cannot cope with it. I have, therefore, after a most careful investigation of the Office needs in this respect, asked for a sufficient number of examiners and clerks to bring the arrearages up to date and to dispose of the great amount of incoming work material. If the force asked for be

granted and made immediately available, I believe that the accumulated work can be disposed of, and that it will be possible in the future for the average inventor's application to be acted upon, either rejected or a patent allowed, within thirty days of its receipt. The inventors are entitled to prompt action, and they should be accorded it.

CLASSIFICATION OF PATENTS.

An increase of force is also badly needed for carrying forward the work of classification, which was commenced by the organization of the Classification Division in November, 1898. A force was appropriated for by Congress for this purpose; but the work of the examining divisions increased at such a rate that only a small part of it was ever assigned to the work of classification, and even that was transferred so frequently and lost so soon by resignations that the work has only been carried on slowly and with great difficulty.

The number of United States patents issued to December 31, 1907, is 875,678; reissues of patents, 12,737; design patents, 38,979; trade-marks registered, 66,891; labels registered, 13,963, and prints 2,188. There are also about 3,000,000 foreign patents of all countries, which are obtained by exchange with the countries belonging to the International Union for the Protection of Industrial Property. The number of patents, both domestic and foreign, is now so vast and is growing so rapidly, and the field of search to determine novelty and validity by the examiners, attorneys, and inventors is so extensive, that the classification of this material should be rapidly pushed to completion. A complete classification of these 3,875,000 patents would result in lessening the time of search about 50 per cent., and the future increase in the Office force would be very slight compared with the subsequent volume of work received, owing to this complete classification. The salvation of the search system, which is the distinguishing feature of the United States patent laws, lies in the carrying out of a proper plan of classification. Without it, it has been frequently predicted that the system will soon fall of its own weight. This work should be pushed as rapidly as possible on account of the constant changes in the lines of development and the frequent losses of force, which result in a great waste of time and labor. To illustrate this fact, reference is made to the class of telegraphy, which was taken into the Classification Division for reclassification. The patents in this class are largely diagrammatic, and most of them must be read in order to understand them. A second assistant examiner at \$1,600 a year was assigned to this work and spent about one year in reading them and then resigned. He was succeeded by another man of the same grade, who worked about the same length of time and also resigned. A third man was then set to work, but remained only a month before handing in his resignation, after which the class was returned to the attorneys' room, as there was no one left to attempt it. Here was \$3,200 paid for the acquirement of the necessary knowledge of this art, which knowledge was lost to the Office by the resignation of the men, due to insufficient salaries to retain them. This is only one example of what is occurring to a greater or less extent in all the forty-one examining

divisions. I purpose assigning a portion of the examining force asked for in the estimates to the work of classification, and also to establish a complete third set of foreign patents for the use of attorneys, inventors, and manufacturers, as well as to perfect the present search classes of patents, both in the attorneys' search room and the examining divisions. By a system of numbering each copy of the patents consecutively the absence of any patent will be at once known and the classes may be kept complete.

ESTIMATES FOR FORCE AND SALARIES.

In the estimates furnished for appropriations for the Patent Office for the fiscal year ending June 30, 1909, and in my letter accompanying the same, I have stated in part that I recommend that the salary of the Commissioner of Patents be raised to \$6,000 a year, the salary of the Assistant Commissioner to \$4,500 a year, the salary of the Examiners-in-Chief to \$4,000 a year each. I desire to say in connection with these positions that the salary of the Commissioner has been changed but once since 1836. The position of Assistant Commissioner of Patents was established in 1870 with a salary of \$3,000 a year. This salary has never been raised. This is the poorest paid Assistant Commissioner in the service of the Government. His duties, like those of the Commissioner, are largely judicial. The Board of Examiners-in-Chief was established in 1861, with salaries fixed at \$3,000 a year, the same that they are now receiving. These men are required by statute to possess sufficient legal and technical knowledge to perform the duties of the position, which are wholly judicial. They are appointed by the President and confirmed by the Senate. From the decisions of the Commissioner and of the Assistant Commissioner appeal lies to the United States Court of Appeals of the District of Columbia. I may say here, to show in part the importance of these positions, that one-half, or fifty per cent., of the business of that court is now taken up with appeals, both *ex parte* and *inter partes*, from the Commissioner of Patents.

I have asked for forty-five Principal Examiners (one of whom shall act as Chief Clerk, another as Examiner of Interferences, another as Examiner of Classification, and another as Examiner of Trade-Marks and Designs, and while so acting each shall receive \$600 additional compensation) at \$3,000 a year each. In my opinion all these positions, including that of Chief Clerk, should be interchangeable in the interests of good administration. The Chief Clerk should be detailed from the Principal Examiners, and he should be a graduate of law, (as nearly all the Principal Examiners are,) for a greater portion of the duties of this position calls for a man of very extended experience in this Office. A great many legal questions arise in the correspondence of the Office which the Chief Clerk is called upon to answer, and almost all of the correspondence can be attended to by him without reference to the examining divisions of the Office, thereby saving a great deal of time, not only for himself, but for the examiners. This arrangement would banish the friction between the Chief Clerk and the examining corps, which has existed for a long time.

I have asked for two Law Examiners at \$3,000 a year each, in place of two law clerks at \$2,500 a year each,

an increase of \$500 a year each. The Law Examiners have been educated in the examining corps, and the present incumbents are, and their successors should be, law graduates both in general and patent law.

I have asked for sixty Examiners at \$2,700 a year each, seventy Examiners at \$2,400 a year each, eighty Examiners at \$2,100 a year each, sixty Examiners at \$1,800 a year each, and fifty Examiners at \$1,500 a year each, a total increase of forty-nine Examiners, including one Principal Examiner.

I have asked for an increase of three clerks of class four and three clerks of class three.

I have asked for an increase of thirty clerks of class one. These are needed for examining divisions where the duties are of a somewhat technical nature. The incompetency of a portion of the clerks in the examining and other divisions is in a measure responsible for the backward condition of the work. Although this is a small salary for this class of work, I think a sufficient number of clerks could be obtained at this salary to fill these positions.

I have asked for one hundred clerks at \$1,000 a year each, in lieu of sixty-two clerks at \$1,000 and ten clerks at \$800 a year each. This is an increase of twenty-eight clerks at \$1,000 a year each. I make this recommendation for the reason that the Office is much hampered in its work by resignations and transfers, owing to the low salaries paid a large part of its clerical force. The clerical work is of much higher order than that of most bureaus under the Government. It takes a clerk a long time to become efficient, as a high order of ability and technical knowledge is required of the clerical force throughout the Office, owing to the peculiar duties to be performed in all branches of the work in the Bureau, which includes, among other things, knowledge of technical terms and knowledge of the law of assignments, as all assignments of patents are recorded in this Office.

These increases recommended in the salaries are found to be necessary in order to retain the men already in the examining corps and to induce other competent men to enter the service and fill vacancies now existing and that may occur. The Civil Service Commission has been unable to fill the vacancies that have existed from time to time from 1902 down to date, and I quote their letter of September 5, 1907:

In response to your request of August 31, there is submitted herewith a statement showing the number of eligibles secured annually for the position of patent examiner since the year 1902, and years in which all these eligibles were used by your Office.

By direction of the Commission.

Very respectfully,

HENRY F. GREENE,
Commissioner.

Assistant examiner, Patent Office: Eligibles entered during 1902, on register, 72; 1903, 10; 1904, 34; 1905, 32; 1906, 24.

These eligibles were all appointed and the registers in every case became exhausted, and the Commissioner of Patents was called upon to go into the "open market," as it were, and get the best material he could find to fill the vacancies. Several examinations were held during all these years. In 1906 there were six examinations held, which did not produce men enough to fill the vacancies, and at this date there are no eligibles on the register of the Civil Service Commission, and I doubt if any could be had if a special examination for Fourth Assistant Examiners should be held. The

standard of the examinations has been much lowered, as it was thought that possibly they had been too difficult; but this did not improve the situation, and even many of those that passed declined appointments when they learned that the entrance and other salaries were so low. In order to obtain competent men, these examinations must be and are highly technical in character, but not more difficult than is necessary to secure men of ability to perform the technical work connected with the examination of applications which relate to all of the known arts. The subjects covered by the examinations are higher mathematics, physics, technics, chemistry, (organic and inorganic,) reading and describing mechanical drawings, and French and German. The last two subjects are necessary in order to secure men who can read specifications of foreign patents. The examiners are all graduates of colleges, mostly polytechnic colleges, and ninety per cent. have been graduated in general and patent law, and with office experience are invaluable to the service; but after about three years' service in this Office and when they are fully experienced and valuable in the work thereof they are also fully equipped to go out, and do go out to accept positions that pay all the way from \$2,000 a year up. The Office has become merely a post graduate school for the technical and legal education of young college men who enter the service. The General Electric Company has in its patent department twelve or more men who were formerly Examiners in this Office, and other corporations have taken hundreds from this Office, and this company also, like many others, takes men from the graduating classes of polytechnic colleges at higher salaries than are provided on entrance to this Office, so that we are now competing with outside institutions for men to do the technical work of the Office. One hundred and thirty-five examiners out of a corps of three hundred have resigned in a period of less than five years. The salaries paid Principal Examiners in the Patent Office are the same that were fixed by the act of 1848 and are the same salaries that were provided for United States district judges and members of Congress at that date.

I most strongly urge that all the estimates submitted be allowed. They have been very carefully prepared, and I can say, after an experience of twenty-four years in this Bureau, that all that has been asked is badly needed. I think that with this increase of force of forty-nine examiners and forty-seven clerks I shall be fully able to bring the work up to date and to put this Bureau on a business basis within twelve months, provided the additional force and salaries be made immediately available, for the present condition is such that relief should be furnished before July 1, 1908. The fees of inventors support the Bureau, and out of the receipts every item of expense for its maintenance is paid, including salaries of the force employed.

The total number of primary examiners and assistants in 1907 was.....	313
Primary examiners.....	41
Assistants in Law Clerks' room.....	2
Assistants in Classification Division.....	2
Assistants in Interference Division.....	6
Assistants in Trade-Mark Division.....	4
	55
Assistants examining applications for patents.....	258

Number of days in year.....	365
Legal holidays.....	7
Annual leave.....	30
Average sick leave.....	5
Sundays.....	52
Half holidays, 16 (during July, August, and September).....	8
	102
Number of working days.....	263
Number of new applications for year.....	59,873
Average per working day.....	228
Average number of old applications per working day (calculated for ten weeks).....	617
Each man must do on an average, new.....	2.8
old.....	2.3
Cases pending on examiners' desks.....	17,976
Cases pending.....	91,263
Examiner of Interferences.....	1
Examiner of Trade-Marks.....	1
Primary Examiners.....	41
First Assistant Examiners.....	53
Second Assistant Examiners.....	63
Third Assistant Examiners.....	73
Fourth Assistant Examiners.....	83
	315

At the last session of Congress the Committee on Patents of the House of Representatives gave hearings to the Inventors' Congress, the Manufacturers' Association of the United States, and the Patent Bar Association in the interest of bettering the conditions that have existed for years in the Patent Office. As a result of these hearings, the Committee on Patents unanimously reported House Bill 22678, with accompanying report and the printed hearings, which provided salaries larger than are recommended in my present estimates. This bill did not come up for passage, owing to lack of time, occasioned by a short session.

EXHAUSTED COPIES OF PATENTS.

A large number of copies of patents has been exhausted for some time, and this condition has been the cause of numerous complaints from inventors, attorneys, the courts, and persons generally having business with this Office. I have had many hundreds reproduced and have given directions that all exhausted copies of patents be reproduced as speedily as possible. This has had the effect of lessening the number of complaints arising from this cause. Some delay has been occasioned by the inability of the present contractor to get out the reproductions of patents as promptly as desired, but this condition will be removed in a short time.

I have caused to be shipped to the office of the Public Printer from the basement storerooms 9,498 sacks of old reports and records of various kinds that have been stored in those rooms for a great many years, and it is my intention to empty the remaining rooms of the material of this kind. The additional space thus gained is being used to house the copies of the current issues as they come out, but all of these rooms will not be suitable for the storage of these copies by reason of the dampness existing there, which, as above indicated in this report, is caused by the damp earth of the court which these rooms abut.

APPEALS.

Accompanying this report I submit for the consideration of Congress proposed amendments to the law relating to appeals in this Office.

Under the present patent law appeal lies in *ex parte* cases from a Primary Examiner to the Board of Examiners-in-Chief, thence to the Commissioner, (or Assistant Commissioner,) and from his decision to the

Court of Appeals of the District of Columbia, and in interference cases the course of appeals from decisions of the Examiner of Interferences is the same, there being three appeals in each case.

The purpose of the proposed amendment to the statute is to shorten the course of prosecution by the elimination of one of the appeals within the Office. This is designed to be accomplished by combining the Commissioner, Assistant Commissioner, and Examiners-in-Chief into a single appellate tribunal, any three of whom shall constitute a quorum, to which all appeals shall lie, whether from a Primary Examiner or from the Examiner of Interferences, and from which appeals would lie to the Court of Appeals of the District of Columbia.

The present course of appeals is not well adapted to the volume of business which the Office is now called upon to handle, for the following reasons:

1. It imposes on applicants an unnecessary amount of delay and expense. The very purpose of the patent system is to place at the service of the public at as early a date as practicable inventions as they are made, and unnecessary delays affect not only applicants, but all interested in the industries to which the inventions relate. One appeal within the Office, together with the appeal to the Court of Appeals of the District of Columbia, would seem to be ample, especially in view of the fact that in a suit on a patent a single appeal takes the case from the trial court to the Court of Appeals. The elimination of one appeal would materially shorten the time required for the ultimate disposal of appealed cases and effect a considerable saving of expense to applicants.

2. Section 4910 provides for an appeal to the Commissioner *in person* from the Board of Examiners-in-Chief. The work of the Office and the consequent number of appeals have increased to such an extent that it has become difficult, and will soon be impossible, for the Commissioner to give to each case the amount of personal attention proper to its disposal.

3. The Board of Examiners-in-Chief as at present constituted consists of three members, and no provision is made under the present law to supply a temporary vacancy caused by the sickness or absence from other cause of any of the members. The absence of one member often results in an evenly divided Board, with the consequent necessity for a rehearing, and the absence of two members causes an entire suspension of business. With the proposed membership of five, the presence of a quorum of three would be practically assured at all times, which has not been the case in numerous instances in the past, owing to frequent absences of a member of the Board on account of periods of illness of greater or less duration and also by reason of annual leave and other causes.

JUDICIAL MATTERS DURING 1907.

Decisions of the Examiner of Interferences on priority in interference cases.....	308
Appeals to Examiners-in-Chief in interference cases.....	154
<i>Ex parte</i> appeals to Examiners-in-Chief.....	752
	906
Appeals to Commissioner in interference cases.....	123
" " " " opposition ".....	32
" " " " cancellation ".....	4
<i>Ex parte</i> appeals to Commissioner.....	231

Interlocutory appeals to Commissioner.....	229
<i>Ex parte</i> appeals in trade-mark cases.....	50
	669
Petitions to Commissioner.....	2,261
	2,930
Appeals to Court of Appeals, District of Columbia:	
<i>Ex parte</i> cases.....	19
Interference cases.....	51
Opposition cases.....	14
	84

I also submit a proposed amendment to the laws relating to appeals in cases relating to trade-marks.

The existing trade-mark law provides for appeals from the Examiner of Trade-Marks and from the Examiner of Interferences in trade-mark cases directly to the Commissioner (or Assistant Commissioner). From these tribunals appeal lies to the Court of Appeals of the District of Columbia, as in patent cases. The amendment submitted merely substitutes the proposed Board of Appeals for the Commissioner as the appellate tribunal of the Office in cases relating to trade-marks, making the course of appeals in this class of cases conform to the course of appeals recommended above in cases involving applications for patents.

These changes in the course of appeals would not only have the effect of expediting the prosecution of applications on appeal, but would be a saving to the inventors of one appeal fee, the attorneys' fees, and other expenses incident thereto. Furthermore, having but one appeal within the Office in lieu of two would result in giving greater stability to the decisions of the Office tribunals, and would also obviate any want of comity that has existed in the past between the decisions of the Commissioner of Patents and the Assistant Commissioner. These proposed changes in the law in no wise affect the present legal status of the Commissioner of Patents, the Assistant Commissioner of Patents, or the Examiners-in-Chief.

THE BUSINESS OF THE PATENT OFFICE FROM 1836 TO 1907, INCLUSIVE.

I submit herein tables which show a comparative statement of the business of the Patent Office since the enactment of the statute of 1836 down to and including the year 1907. These tables show the number of applications, caveats, reissues, cash receipts and expenditures, and the surplus of each year for said period. It may be interesting to note that during the year of the so-called panic of 1837 and the years following down to 1841 there was in three years of that period no surplus, and in two years of that time the surplus was very slight. During the general business depression of 1856-7 there was no surplus, and during the year 1860, immediately preceding the civil war, the surplus dropped from \$35,663.74 of the preceding year to \$3,531.79. In the year 1861, from the time of the breaking out of hostilities, the business fell off nearly one-half, and there was no surplus that year. During the year 1862 the business increased quite largely owing to inventions in the various arts which were demanded by the needs of said war. The surplus that year was \$32,944.06. At the conclusion of this war in 1865 and 1866 the business of this Office was more than doubled, and the latter year showed a surplus of receipts over expenditures of \$133,941.10. Coming down to the business depres-

sion of 1873, the business of the Office materially fell off, with the result that the surplus was only \$12,000. The year following, 1874, by reason of the recovery somewhat from the depression, the surplus shown is \$58,979.76. The surplus during the year of the depression of 1884 was \$105,000, while the surplus of the preceding year of 1883 was \$471,000. Owing to the unsettled commercial conditions of 1893 there was a surplus during that year of only \$101,000, while the preceding year of 1892 shows a surplus of \$175,592.

During the year 1906 the number of applications for patents was 55,471, and for 1907, 57,679, showing an increase of 2,208 applications. The number of applications for reissues of patents in 1906 was 205, in 1907, 187, a decrease of 18. The number of applications for patents for designs in 1906 was 806, in 1907, 896, an increase of 90. The total number of applications for patents, reissues, and designs in the year 1906 was 56,482 and for 1907 was 58,762, showing an increase of 2,190. The number of caveats filed in 1906 was 1,885, and in 1907, 1,967, an increase of 82. The number of applications for trade-marks filed in 1906 was 8,493, in 1907, 7,722, a decrease of 771. This decrease is owing to the fact that the new trade-mark law went into effect in April, 1905, during which year there were 16,224 marks filed for registration, the registrants taking advantage of the liberal provisions of the new law to reregister a great many of the old marks. Trade-mark applications fell off in 1906 about one-half, for 8,193 were filed in that year. In the year 1907 there was a falling off of about 600 marks, the total being 7,722. Between six and seven thousand applications for the registration of trade-marks each year will probably be about the normal number received. Applications for registrations of labels in 1906 numbered 844, in 1907, 1,027, an increase of 183. The total

number of patents granted in 1906 was 31,965, in 1907, 36,620, being a gain over 1906 of 4,655 patents. This is the largest increase in any one year from 1836 to date.

The cash receipts from all sources in 1906 were \$1,790,921.38; cash expended, \$1,554,891.20, showing a net surplus of receipts over expenditures of \$236,030.18. The cash receipts from all sources in 1907 were \$1,910,618.14, an increase over the preceding year of \$119,696.76. The total amount of expenditures for all purposes for the calendar year ending December 31, 1907, is \$1,631,458.36, which deducted from the total cash receipts of the Office for that period leaves a net surplus of \$279,159.78. The increase of the surplus of 1907 over 1906 is \$43,129.60. The total amount of surplus or net earnings of the Patent Office over all expenditures for the maintenance of this Bureau and covered into the Treasury of the United States is now \$6,706,181.64.

It will be seen, therefore, from the foregoing statement of the money receipts for the year 1907 that the alleged financial depression has had no effect whatever on the business of the Patent Office. In fact, the total volume of business of all descriptions is much larger than that of the preceding year. The business of the Patent Office has always been very sensitive to any disruption or embarrassment in the commercial world, as has always been evidenced by a great falling off of the business of the Office, as above indicated in this report. There is nothing in the past year to indicate so far as the affairs of this Office are concerned that any real depression in business or financial disquietude has existed.

Respectfully submitted.

EDWARD B. MOORE,
Commissioner of Patents.

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Aborn, Frank P. (See Knowlton, Harry C., assignor.)						
Aborn, George P. (See De Laval and Aborn.)						
Abraham, Elias, assignor of one-half to H. Hartman, D. T. K. McEwan, A. A. Morgan, M. Abraham, W. Taylor, K. Abraham, and F. L. Smiley, New Liskeard, Canada. Hotel-indicator.	853,851	May 14	2997	616	128	800
Abraham, Enoch H., Uniontown, Pa., assignor to Covington Machine Company. Coke-extracting machine.	863,484	Aug. 13	2183	590-1	129	2795
Abraham, Enoch H., Uniontown, Pa., assignor to Covington Machine Company. Coke-extracting machine.	863,891	Aug. 20	2806	771	129	3024
Abraham, Enoch H., Uniontown, Pa., assignor to Covington Door Jamb Company. Door-jamb for coke-ovens.	873,479	Dec. 10	2395	504	131	1585
Abraham, Kalil, <i>et al.</i> (See Abraham, Elias, assignor.)						
Abraham, Michael, <i>et al.</i> (See Abraham, Elias, assignor.)						
Abraham, Roy D., Dayton, Wash. Weeder.	850,456	Apr. 16	3533	739	127	2564
Abrahams, Jacob, Boston, Mass. Machine for making pastry horns or cups for containing ice-cream, &c.	841,211	Jan. 15	2859	622-3	126	816
Abrahamson, Gustav. (See Sakurai, Keizo, assignor.)						
Abrahamson, Joseph, Detroit, Mich. Electrical measuring instrument.	854,709	May 28	4705	979	128	1299
Abrahamson, Ole C., Minneapolis, Minn. Railway-spike.	861,491	July 30	4934	1355	129	1750
Abrams, Harvey. (See Hayden, John M., assignor.)						
Abrams, Albert, San Francisco, Cal. Tooth-brush.	864,054	Aug. 20	3038	839	129	3093
Abrams, Albert, Paris, France. Garment-creasing device.	874,818	Dec. 24	5122	1079	131	2092
Abrams, Fred, and W. A. Doyle, Minden, Nebr. Wagon-tongue supporter.	853,391	May 14	2072	429	128	564
Abrams, Frederic, Ennis, Tex. Seal-padlock.	856,197	June 11	1447	305	128	2093
Abrego, Stephen V., Lake Charles, La. Steam-sawyer.	849,958	Apr. 9	2601	540	127	2286
Abt, Mathew, New York, N. Y. Electric signal control.	846,276	Mar. 5	1104	239-40	127	281
Abzug, Alois, Breslau, Germany. Combined hinge and fastening for doors.	847,145	Mar. 12	2841	627	127	748
Acers, Arthur D., Norman, Okla. Ter. Gate.	871,905	Nov. 26	3678	897	131	995
Ach, Narciss, M'burg, Germany. Gyroscope.	875,036	Dec. 31	5604	1170	131	2188
Achard, John W., assignor to Electric Storage Battery Company, Philadelphia, Pa. System of electrical distribution.	861,155	July 23	4372	1200	129	1536
Acheson, Edward G., Stamford township, Welland county, Ontario, Canada. Disintegrating amorphous bodies.	843,426	Feb. 5	1160		126	2082
Acheson, Edward G., Stamford township, Welland county, Ontario, Canada. Deflocculated graphite and deflocculation thereof.	844,989	Feb. 19	4491	989	126	2982
Acheson, William W. (See Stevens and Acheson.)						
Achorn, Clinton E. (See Mitchell, Clara D., assignor.)						
Acker, Charles E., Niagara Falls, N. Y. Detinning.	855,491	June 4	94		128	1718
Acker, Charles E., Niagara Falls, N. Y. Detinning.	862,860	Aug. 6	1247		129	2465
Acker, Charles E., Niagara Falls, N. Y., assignor to Tin Products Company. Treating detinned iron and residues.	856,753	June 11	2583		128	2383
Acker, Charles E., Niagara Falls, assignor, by mesne assignments, to M. Stine, New York, N. Y. Making chlorids of sulfur.	875,231	Dec. 31	5980	1246	131	2251
Acker, Charles E., Niagara Falls, assignor, by mesne assignments, to M. Stine, New York, N. Y. Refining carbon tetrachlorid.	875,232	Dec. 31	5981		131	2251
Acker, Margaret, Lakewood, Ohio. Sink.	863,825	Aug. 20	2701	745	129	2991
Ackerman, Clarence E., Vernon township, Shiawassee county, Mich. Night-service attachment for telephone-lines.	858,775	July 2	709	187	129	246
Ackerman, Edwin D., New York, C. E. Clinton and R. N. Eltom, Corona, N. Y., assignors to Pianora Company. Self-playing musical instrument.	850,330	Apr. 16	3286	684	127	2501
Ackerman, Edwin D., New York, C. E. Clinton and R. N. Eltom, Corona, N. Y., assignors to Pianora Company. Pneumatic engine.	864,220	Aug. 27	3298	914	129	3203
Ackerman, Edwin D., New York, C. E. Clinton and R. N. Eltom, Corona, N. Y., assignors to Pianora Company. Automatic valve mechanism.	868,386	Oct. 15	1840	517-18	130	1914
Ackerman, Edwin T., Chicago, Ill. Automatic electric signal system.	865,555	Sept. 10	1256	356	130	412
Ackerman, Maurice, Washington, D. C. Padlock.	862,690	Aug. 6	981	262	129	2386
Ackerman, Reint H., Endicott, Wash. Adjustable reel for headers.	840,411	Jan. 1	1261	276	126	331
Ackermann, Edward G. (See Sague, George, assignor.)						
Ackermann, George, assignor to Heekin Can Company, Cincinnati, Ohio. Press for printing finished pails.	862,122	Aug. 6	1	1	129	2081
Ackermann, George, assignor to Heekin Can Company, Cincinnati, Ohio. Clip for can-covers.	875,311	Dec. 31	6127	1278	131	2275
Ackermann, Hugo, Berlin, Germany. Valve for pumps, compressors, and the like.	870,659	Nov. 12	1249	339	131	441
Ackley, Benjamin K., Chicago, Ill. Head-rest.	851,851	Apr. 30	6324	1319	127	3338
Ackley, Herbert M., Chicago, Ill. Milk-skimming device.	840,986	Jan. 8	2391	523	126	651
Ackley, Raymond E., Rockford, Ill. Safety device for elevators.	858,247	June 25	5496	1172-3	128	3188
Ackley, Thurlow A. D., Minneapolis, Minn. Composition of matter for polishing.	854,448	May 21	4193		128	1144
Ackroyd, John H., New York, N. Y. Burner.	840,412	Jan. 1	1262	276-7	126	331
Ackroyd, William, Leeds, W., A. E., and R. O. Best, Morley, near Leeds, England. Apparatus for inclosing and electrically connecting miners' safety-lamps to effect electric ignition.	868,387	Oct. 15	1842	518	130	1915
Acme Automatic Street Indicating Company. (See Brueggeman, Frank H., assignor.)						
Acme Automatic Street Indicating Company. (See Small, Thomas W., assignor.)						
Acme Flexible Clasp Company. (See MacMurray, James E., assignor.)						
Acme Flexible Clasp Company. (See Norton, Elliott S., assignor.)						
Acme Heel Company. (See Hellweg, Henry, assignor.)						
Acme Tobacco Company. (See Bright and Davis, assignors.)						
Acme Toy Works. (See Cooke, Adrian C., assignor.)						
Actien Gesellschaft für Anilin Fabrikation. (See Erdmann, Ernst, assignor.)						
Actien Gesellschaft für Anilin Fabrikation. (See Heimann, Heinrich, assignor.)						
Actien Gesellschaft für Anilin Fabrikation. (See Herzberg, Wilhelm, assignor.)						
Actien Gesellschaft für Anilin Fabrikation. (See Herzberg and Scharfenberg, assignors.)						
Actien Gesellschaft für Anilin Fabrikation. (See Herzberg, Scharfenberg, and Ronus, assignors.)						
Actien Gesellschaft für Anilin Fabrikation. (See Herzberg and Spengler, assignors.)						
Actien Gesellschaft für Anilin Fabrikation. (See Kirchhoff, Richard, assignor.)						
Actien Gesellschaft für Anilin Fabrikation. (See Mankiewicz, Altschul, and Urban, assignors.)						
Actien Gesellschaft für Anilin Fabrikation. (See Schulthess and Kerkovius, assignors.)						
Actiengesellschaft "Magna." (See Fischer, Martin, assignor.)						
Actiengesellschaft für Schriftgiesserei und Maschinenbau. (See Müller and Murray, assignors.)						
Acton, John S., <i>et al.</i> (See Casper, James M., assignor.)						
Adair, Alfred, Troyville, Johannesburg, Transvaal. Cyanid treatment of ores.	869,287	Oct. 29	3262		130	2114
Adam, Agnes S., Washington, D. C. Pea-shelling machine.	858,248	June 25	5499	1174	128	3189

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr:g.	Vol.	Page.
Adam Appell Co. (See Newbegin, Edward, assignor.)						
Adam, Emile, New York, N. Y. Horseshoe.	840,892	Jan. 8	2217	488	126	607
Adam, Frederick B., assignor to Frank Adam Electric Company, St. Louis, Mo. Service entrance-box.	851,726	Apr. 30	6068	1268	127	3269
Adam, Heinrich O., Dresden, Germany. Device for taking in coal at sea.	840,099	Jan. 1	614	133	126	162
Adam, John L., New Orleans, La. Heater and cooker.	852,754	May 7	753	149-50	128	198
Adamowicz, Benedict, Philadelphia, Pa. Curtain-pole.	840,282	Jan. 1	995	217	126	268
Adams, Alfred, Brooklyn, N. Y. Interchangeable partition-section.	856,198	June 11	1448	305-6	128	2093
Adams, Allen A., Berryton, Kans. Gate-latch.	865,844	Sept. 10	1719	478	130	570
Adams, Arthur H., London, England. Speed-changing and brake gear for motor-driven road-vehicles.	846,376	Mar. 5	1300	286-7	127	328
Adams, Arthur H., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Heat-coil.	851,051	Apr. 23	4681	984	127	2893
Adams, Arthur J., Chicago, Ill., assignor to Fulton Manufacturing Company. Umbrella-support.	840,188	Jan. 1	807	177	126	215
Adams, Arthur J., assignor to Fulton Manufacturing Company, Chicago, Ill. Folding carriage.	857,971	June 25	4956	1047	128	3050
Adams, Bert A., Pomona, Kans. Harness attachment.	857,916	June 25	4824	1023	128	3015
Adams, Carl, Easton, Pa. Device for automatically stopping looms.	840,034	Jan. 1	479	104	126	129
Adams, Carl, Easton, Pa. Warp stop-motion for looms.	855,034	May 28	5368	1114-15	128	1469
Adams, Carrie B. L., Eagle Grove, Iowa. Toaster.	858,937	July 2	980	255	129	336
Adams, Charles F., Riga township, Monroe county, assignor of one-half to W. L. Ormrod, Churchville, N. Y. Knotter for grain-binders.	845,158	Feb. 26	4841	1027	126	3111
Adams, Chas. S. (See Williams, Thomas A., assignor.)						
Adams, Clinton P. (See Christopherson, Ole A., assignor.)						
Adams, Daniel B., Summitville, N. Y. Automatic stopping device for internal-combustion engines.	867,899	Oct. 8	1040	296	130	1650
Adams, Daniel B., Summitville, N. Y. Automatic alarm and stopping device for engines.	872,039	Nov. 26	4013	963	131	1040
Adams Drill Company. (See Adams, Thomas E., assignor.)						
Adams, Earl C., Belle Vernon, Pa. Washer for lathes.	846,440	Mar. 12	1459	325	127	399
Adams, Earl T., Portsmouth, Ohio. Pistol, cane, and toy gun.	859,032	July 2	1125	301	129	382
Adams, Edward C., Morristown, N. J. Artificial fish-bait.	849,522	Apr. 9	1818	368	127	2088
Adams, Edward L., McLoud, Okla. Ter. Pipe-mold.	862,123	Aug. 6	3	2	129	2081
Adams, Edwin G., near Plain City, Ohio. Locking means.	872,883	Dec. 3	1193	253	131	1353
Adams, Edwin J., Waco, Tex. Railway signaling mechanism.	841,607	Jan. 15	3617	786-7	126	1011
Adams, Eugene G., assignor to Postal Insurance Corporation, Lynchburg, Va. Insurance system.	853,852	May 14	2999	616	128	801
Adams, Eugene G., assignor to Postal Insurance Corporation, Lynchburg, Va. Souvenir postal card.	853,853	May 14	3000	617	128	801
Adams, Eva B., Santa Ana, Cal. Corset.	858,319	June 25	5618	1203	128	3218
Adams, Francis S., Pueblo, Colo. Apparatus for treating molten steel.	855,603	June 4	306	63	128	1773
Adams, George R., Hiawatha, Kans. Washing-machine.	864,591	Aug. 27	3900	1083	129	3392
Adams, Guy. (See Burr and Adams.)						
Adams, Harry. (See Pearson and Adams.)						
Adams, Harry. (See Whitehead, David, assignor.)						
Adams, Harry E., Pittsburg, Pa. Cable-bonding device.	852,691	May 7	649	125	128	170
Adams, Harry L., and L. O. Wells, Bonnetterre, Mo. Lard-scoop.	874,277	Dec. 17	4053	856	131	1882
Adams, Harry W., assignor of one-half to P. W. Farnham, Fargo, N. D. Piston-valve for internal-combustion engines.	867,933	Oct. 8	1088	308	130	1665
Adams, James C., Petroleum, Ind. Clamp.	849,354	Apr. 9	1477	300	127	1999
Adams, James H., assignor of one-half to P. H. Tamplet, Kensington, Md. Game apparatus.	870,606	Nov. 12	1151	313	131	407
Adams, James K., Kenosha, Wis. Cooking apparatus.	853,147	May 7	1556	323	128	393
Adams, Jasper L., St. George Island, Md. Egg-steamer.	874,278	Dec. 17	4055	857	131	1882
Adams, Joel U., Cincinnati, Ohio. Suspenders.	841,654	Jan. 22	3731	810	126	1071
Adams, John D., et al., executors. (See Adams, Thomas.)						
Adams, John H. B., et al. (See Woodall, Robert B., assignor.)						
Adams, John Q., Alexandria, La. Baling-press.	859,637	July 9	2032	549	129	711
Adams, John Q., Pittsford, Vt. Brush.	852,755	May 7	760	150	128	199
Adams, John Q., Sr., Allegheny, Pa. Folding umbrella.	855,214	May 28	5734	1193	128	1561
Adams, John Q., assignor to T. J. Skelly, Philadelphia, Pa. Eyeglass-hook.	873,701	Dec. 17	2835	604	131	1693
Adams, John R., Burslem, assignor of one-half to J. Sherwin, Hanley, England. Laundry-iron.	869,679	Oct. 29	3910	1076	130	2612
Adams, Jones F. (See Atwell, Ernest T., assignor.)						
Adams Laundry Machinery Company. (See Mattice, Charles H., assignor.)						
Adams Laundry Machinery Company. (See West, Robert N., assignor.)						
Adams, Louis, Terre Haute, Ind. Sad-iron.	861,346	July 30	4697	1283	129	1678
Adams, Lyndon E., Philadelphia, Pa. Manufacture of packing.	860,720	July 23	3707	1015	129	1320
Adams, Mae D., and A. J. Collier, Washington, D. C. Window-bracket.	872,884	Dec. 3	1194	254	131	1354
Adams, Martha E., et al., executors. (See Adams, Thomas.)						
Adams, Morris J., Parksville, Ky. Grate-fender.	875,403	Dec. 31	6320	1318	131	2305
Adams, Morton M. (See Reese, Strahl, and Adams.)						
Adams, Nicholas M. (See Bell, John C., assignor.)						
Adams-Randall, Charles, New York, N. Y. Electric calling apparatus for telephones.	841,476	Jan. 15	3380	730	126	949
Adams-Randall, Charles, New York, N. Y. Wheel.	870,708	Nov. 12	1321	361	131	465
Adams Reed, Lapeer, Mich. Printing device.	868,315	Oct. 15	1732	489	130	1884
Adams, Robert, London, England. Door-closer.	841,608	Jan. 15	3627	787-8	126	1013
Adams, Robert, London, England. Door closer and check.	874,721	Dec. 24	4960	1041-2	131	2061
Adams, Robert C. (See Watres, Lewis S., assignor.)						
Adams, Robert E., Fort Wayne, Ind., and C. Hoffman, Farmington, Minn. Stove-grate.	868,631	Oct. 22	2253	624	130	2073
Adams, Robert L., New Orleans, La. Cover for glasses.	844,906	Feb. 19	4352	929	126	2946
Adams, Roy E., Indianapolis, Ind. Vehicle.	853,614	May 14	2516	521-2	128	680
Adams, Salathiel S. (See Knight and Adams.)						
Adams, Silas R. (See Downs, Wayne, assignor.)						
Adams, Thomas, et al., executors. (See Adams, Thomas.)						
Adams, Thomas, Jr. (See Anderson, Ernest D., assignor.)						
Adams, Thomas, deceased, New York; J. D. and T. Adams, Bay Shore, and M. E. Adams, Brooklyn, N. Y., executors. Machine for wrapping merchandise.	866,902	Sept. 24	3287	926-8	130	1125
Adams, Thomas E., Cleveland, Ohio. Motor-supporting harp for rock-drills.	840,817	Jan. 8	2052	454	126	566
Adams, Thomas E., assignor to Adams Drill Company, Cleveland, Ohio. Rock-drill.	840,816	Jan. 8	2048	453-4	126	565
Adams, Thomas E., assignor to Adams Drill Company, Cleveland, Ohio. Rock-drill.	840,890	Jan. 8	2205	485-6	126	604
Adams, Thomas E., assignor to Adams Drill Company, Cleveland, Ohio. Drill.	840,891	Jan. 8	2211	486-7	126	606
Adams, Thomas E., Darlington, La. Cattle-poke.	874,478	Dec. 24	4441	937	131	1980
Adams, Walter H., Sound Beach, Conn. Drill-chuck.	841,758	Jan. 22	3946	853	126	1127
Adams, Walter S., assignor to J. A. Brill, Philadelphia, Pa. Car-truck.	844,076	Feb. 12	2411	517	126	2428

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Adams, Walter T., Hays borough, and J. R. Divens, McKeesport, Pa. Pleasure-vehicle.	840,283	Jan. 1	996	217	126	268
Adams & Westlake Company. (See Cotton, Walter H., assignor.)						
Adams & Westlake Company. (See Giese, James A., assignor.)						
Adams & Westlake Company. (See Hamm, William S., assignor.)						
Adams & Westlake Company. (See Mosher, John A., assignor.)						
Adams & Westlake Company. (See Schuetz, Frank A., assignor.)						
Adams, William H., and F. Powell, Portland, Oreg., assignors to said Adams, said Powell, and Ladd Metals Company. Manufacturing producer-gas.	840,461	Jan. 8	1357	301	126	395
Adams, William H., and F. Powell, Portland, Oreg., assignors to said Adams, said Powell, and Ladd Metals Company. Combined gas-generator and smelter.	841,212	Jan. 15	2863	623	126	816
Adams, William T. (See Culmer, John W., assignor.)						
Adamson, Alexander J. (See Webb, Brettell, and Adamson.)						
Adamson, George P., Easton, Pa., assignor to General Chemical Company, New York, N. Y. Receptacle for acids.	846,541	Mar. 12	1658	368	127	452
Adamson, George W., Crider, Ky. Sash-fastener.	841,655	Jan. 22	3732	810	126	1071
Adder Machine Company. (See McFarland, Charles N., assignor.)						
Addicks, Diedrich C., Stroh, Ind. Post-mold.	846,641	Mar. 12	1882	413	127	509
Addington, Charlie C., Wheelersburg, Ohio. Plow.	852,251	Apr. 30	7123	1491	127	3539
Addington, Leonard M., Danvers, Ill. Carrier.	851,638	Apr. 30	5882	1229	127	3223
Addis, John W. (See Wahlert, Henry A., assignor.)						
Addressograph Company. (See Duncan, Joseph S., assignor.)						
Addressograph Company. (See Duncan and Hall, assignors.)						
Ade, William F., Williamsport, Pa. Spring-bed.	851,911	Apr. 30	6437	1343	127	3366
Adell, John A. (See Starrett and Adell.)						
Adell, John A., and L. S. Starrett, assignors to L. S. Starrett Co., Athol Mass. Automatic prick-punch.	843,655	Feb. 12	1642	348	126	2240
Adelman, Henry, Columbus, Ohio. Horseshoe.	849,879	Apr. 9	2476	509	127	2255
Adelman, Oscar F. (See Lowry and Adelman.)						
Adelsperger, Dow L., assignor to Foss Manufacturing Company, Springfield, Ohio. Apparatus for treating cotton-seed hulls.	850,331	Apr. 16	3288	685	127	2502
Aden, Joseph, Ruralhall, N. C. Axle-lubricator.	865,347	Sept. 10	917	263	130	307
Adenhardt, William J., Percy, Pa. Curtain-pole attachment.	868,829	Oct. 22	2565	707-8	130	2169
Adix, Francis, Boone, Iowa. Harrow.	839,799	Jan. 1	2	1	126	3
Adix, Francis, Boone, Iowa. Folding harrow.	839,800	Jan. 1	3	1	126	3
Adix, Francis, Boone, Iowa. Rider attachment for harrows.	839,801	Jan. 1	5	2	126	3
Adjustable Clip Company. (See Gray, Henry F., assignor.)						
Adjustable Collet Company. (See Holstein, Joseph L., assignor.)						
Adkins, Maurice C., Deer Head Cove, Ala. Plow-clevis.	855,740	June 4	581	119	128	1845
Adkins, V. V. (See Burks, William E., assignor.)						
Adkins, Willis, assignor of one-half to A. M. Carson, Willis, Tex. Cotton-picker.	849,182	Apr. 2	1151	233	127	1882
Adler, Carl. (See Fratsinger, Edmund, assignor.)						
Adler, Harris B., assignor one-half to N. A. Gardner, St. Joseph, Mo. Mechanical movement.	868,316	Oct. 15	1733	489	130	1884
Adler, Henry, assignor to H. Adler Company, Pittsburg, Pa. Metallic step-ladder.	870,334	Nov. 5	731	197	131	240
Adler, Henry, Pittsburg, assignor to H. Adler Company, Inc., Pittsburg and Carnegie, Pa. Ladder.	872,165	Nov. 26	4252	1014-15	131	1081
Adler, Samuel M., et al. (See Gooch, Phillip W., assignor.)						
Adler, Wilhelm, Heidelberg, Pa. Cradle.	840,284	Jan. 1	997	218	126	268
Adler, Wilhelm, Heidelberg, Pa. Hair-pin.	845,502	Feb. 26	5538	1174	126	3284
Adlercreutz, Anders G. (See Ringbom, Ossian, assignor.)						
Adolph, John U. (See Prindle and Adolph.)						
Adreon, Robert E., St. Louis, Mo. Combined air-brake-setting device and alarm.	845,736	Mar. 5	1	1	127	3
Adrian Wire Fence Company. (See Sturtevant, Orange S., assignor.)						
Adriance, Arthur E., Buffalo, N. Y. Keyboard for musical instruments.	873,146	Dec. 10	1751	368	131	1475
Adriance Platt & Company. (See Case, Henry J., assignor.)						
Adriance, Platt & Company. (See Crane, William H., assignor.)						
Adrianson, John, Chicago, Ill. Revolver attachment for guns.	839,978	Jan. 1	352	77-8	126	96
Adrianson, John, Chicago, Ill. Extensible jacket for revolvers.	855,439	June 4	1	1	128	1695
Adt, Gustav, Forbach, Germany. Centrifugal machine.	852,865	May 7	1020	211	128	260
Adt, Leo F., et al. (See Bader, Gustav A., assignor.)						
Adt, Leo F., et al. (See Becker, Louis B., assignor.)						
Adt, Leo F., et al. (See Bemis, Wallace L., assignor.)						
Adt, Leo F., Albany, N. Y. Nose-guard for eyeglasses.	845,042	Feb. 26	4611	982	126	3049
Adt, Leo F., Albany, N. Y. Spring for eyeglasses.	848,617	Apr. 2	1	1	127	1585
Adt, Leo F., Albany, N. Y. Eyeglass-mounting.	849,710	Apr. 9	2148	442	127	2169
Adt, Leo F., Albany, N. Y. Eyeglasses.	862,368	Aug. 6	427	116	129	2219
Adt, Leo F., Albany, N. Y. Eyeglass-mounting.	872,211	Nov. 26	4353	1038	131	1096
Adt, Leo F., Albany, N. Y. Eyeglass nose-guard.	875,233	Dec. 31	5982	1246	131	2252
Adt, Leo F., Troy, N. Y. Nose-guard for eyeglasses.	845,737	Mar. 5	4	1	127	3
Adt, Leo F., Troy, N. Y. Eyeglasses.	865,982	Sept. 17	1927	540	130	663
Adt, Leo F., Troy, N. Y. Bridge-spring for eyeglasses.	872,319	Dec. 3	1	1	131	1169
Adt, Leo F., Troy, N. Y. Spring for eyeglasses.	872,320	Dec. 3	3	1	131	1169
Advance Furnace Company of America. (See Stevens, Le Roy W., assignor.)						
Adzit, Henry L., Grand Rapids, Mich. Galley-lock for printers' galleys.	848,717	Apr. 2	194	40	127	1637
Aebi, Charles J., assignor to Victor Safe & Lock Company, Cincinnati, Ohio. Hinge.	863,128	Aug. 13	1664	445	129	2634
Aeolian Company. (See Binney, Harold, assignor.)						
Aeolian Company. (See Flegel, August W., assignor.)						
Aeolian Company. (See Pain, Robert W., assignor.)						
Aeolian Company. (See Rees, William H., assignor.)						
Aeolian Company. (See Schnabel and Lawson, assignors.)						
Aeolian Company. (See Thomson, Elihu, assignor.)						
Aeolian Company. (See Votey, Edwin S., assignor.)						
Aeppli-Stocker, Johann J., assignor to Firm of "Sanitas" Aktiengesellschaft für Sanitäre & Heizungs-Anlagen, Zurich, Switzerland. Cock.	848,951	Apr. 2	690	139	127	1764
Aerators Limited. (See Campbell, Robert H., assignor.)						
Aermotor Company. (See Scholes, Daniel R., assignor.)						
Aero and Marine Motor Company. (See Altham, George J., assignor.)						
Aeschlimann, Adolf E., Taylor, Tex. Gate.	874,376	Dec. 24	4253	896	131	1947
Aetna Powder Company. (See Allen, George A., assignor.)						
Aetna Self Heating Food Company. (See Friedman and Carlisle, assignors.)						
Affleck, David S., Chicago, Ill. Automatic safety controlling means for trains.	867,331	Oct. 1	156	46-8	130	1360
Agan, Frank W., Ludlow, Vt. Dust-collecting machine.	862,369	Aug. 6	430	116-17	129	2221
Ageron, Jules A., and B. J. M. Remy, Lyon, France. Explosion-motor-starting mechanism.	853,615	May 14	2518	522	128	680
Agneessens, Marie, New York, N. Y. Iron-holder.	850,713	Apr. 16	4045	846	127	2693
Agnell, Ernest G., Chanute, Kans. Tailor's measuring-wheel.	847,996	Mar. 26	4649	1014	127	1261

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Agnew Auto Mailing Machine Company. (See Nielsen, Laurits M., assignor.)						
Agnew, Lewis P., Wapanucka, Ind. Ter. Baling-press.	852,252	Apr. 30	7124	1491-2	127	3539
Agnew, Lewis P., Wapanucka, Ind. Ter. Combined chair and desk.	869,472	Oct. 29	3568	978	130	2507
Agostini, William, Fall River, Mass. Lock and key.	863,892	Aug. 20	2808	771	129	3024
Agrillo, Joseph A., Rockaway Beach, N. Y. Refrigerator.	870,532	Nov. 12	1039	284	131	367
Ahern, Cornelius, Allegheny, Pa. Wrench.	873,480	Dec. 10	2396	505	131	1585
Ahern, William E., assignor to G. M. and A. J. Bassett, Worcester, Mass. Mule-spinning machine.	867,332	Oct. 1	162	48	130	1362
Ahlberg, Herman G., Burlington, Iowa. Combination-tool.	861,011	July 23	4173	1143	129	1471
Ahlberg, Jacob. (See Boehner, William, assignor.)						
Ahlberg, Joseph. (See Ahlberg, Karl E. and J.)						
Ahlberg, Karl E. and J., Chicago, Ill. Lock-controlled nut and set-screw guard.	870,533	Nov. 12	1040	284	131	367
Ahlers, Bernard E., Indianapolis, Ind. Railway-signal.	865,983	Sept. 17	1928	540	130	613
Ahlen, William. (See Camp and Ahlen.)						
Ahlers, George F., Covington, Ky. Cattle food and making same.	854,791	May 28	4562	-----	128	1340
Ahlers, Joachim L., Santa Ana, Cal. Combined milk and cream pasteurizer and cooler.	851,971	Apr. 30	6567	1368	127	3398
Ahlquist, Karl, Rugby, England, assignor to General Electric Company. Turbine bucket and nozzle.	850,200	Apr. 16	3055	639-40	127	2437
Ahnelt, William P., New York, N. Y. Chart for garment-patterns.	852,151	Apr. 30	6949	1451	127	3493
Ahrend, Herman, Newark, N. J. Lock.	850,891	Apr. 23	4397	921	127	2823
Aichele, Albert, Baden, Switzerland. Means of driving paper-making machines electrically.	845,725	Feb. 26	5966	1260	126	3389
Aichele, Henry J., assignor to North Brothers Manufacturing Company, Philadelphia, Pa. Cap for magazine-tools.	858,131	June 25	5285	1122	128	3134
Aicher, Gustav A., assignor to Webber & Aicher, San Francisco, Cal. Bag-making machine.	859,865	July 9	2379	647-8	129	822
Aicher, Gustav A., and F. J. Demartini, San Francisco, Cal. Heating wagon-tires.	866,553	Sept. 17	2751	770	130	921
Aihers, Charles W. (See Mitchell, Albion L. F., assignor.)						
Aiken, Edward L. (See Durand and Aiken.)						
Aiken, Edward L., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Phonograph.	847,631	Mar. 19	3855	842	127	1034
Aiken, Edward L., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Phonograph recorder and reproducer.	855,828	June 4	748	154	128	1883
Aiken, Edward L., Orange, assignor to New Jersey Patent Company, West Orange, N. J. Phonograph.	875,309	Dec. 31	6125	1278	131	22.4
Aiken, Emilie S., Roxbury, Mass. Safety-pin.	863,826	Aug. 20	2702	745	129	2091
Aiken, Emilie S., Boston, Mass. Veiling-display stand.	871,198	Nov. 19	2182	580	131	731
Aiken, Henry, Pittsburg, Pa. Glass-pot-handling apparatus.	862,370	Aug. 6	431	117	129	2221
Aiken, Henry, Pittsburg, Pa. Electric ingot-extractor.	862,371	Aug. 6	431	117-18	129	2221
Aiken, Henry, Pittsburg, Pa. Blowing-engine.	872,492	Dec. 3	597	75-6	131	1225
Aiken, Henry, Pittsburg, Pa. Blowing-engine.	872,603	Dec. 3	597	125-6	131	1260
Aiken, James H., Ingram, and T. M. Aiken, Allegheny, Pa. Ratchet-drill.	843,513	Feb. 5	1352	284	126	2130
Aiken, Robert H., Winthrop Harbor, Ill. Method and apparatus for forming reinforced concrete tubular structures.	863,485	Aug. 13	2185	591	129	2796
Aiken, Robert H., Winthrop Harbor, Ill. Target.	863,486	Aug. 13	2186	591-2	129	2796
Aiken, Robert H., Winthrop Harbor, Ill. Making iron from metallic sulfids.	873,648	Dec. 10	2732	-----	131	1642
Aiken, Stephenson R. (See Bilibrey, William S., assignor.)						
Aiken, Thomas M. (See Aiken, James H. and T. M.)						
Aiken, Thomas M., and J. E. Harmon, Allegheny, Pa. Ice-cream dipper.	841,097	Jan. 15	2659	582	126	765
Aiken, W. G. (See King, William C., assignor.)						
Aikin, John B., Bloomington, Ohio. Sure-catch latch for doors, &c.	844,907	Feb. 19	4353	929	126	2946
Aikman, Bert, assignor of one-half to J. S. Hamlin, Chicago, Ill. Pneumatic-valve mechanism.	842,160	Jan. 29	4773	1019	126	1363
Aikman, William, Jr., et al. (See Potter, Charles W. H., assignor.)						
Aikman, William S., and H. C. Stevenson, Chicago, Ill. Printer's furniture.	841,098	Jan. 15	2660	582	126	765
Aillery, Constant, New Bedford, assignor to Draper Company, Hopedale, Mass. Loom-shuttle.	851,853	Apr. 30	6326	1320	127	3338
Ainley, John S., and E. Sykes, Huddersfield, England. Winding-machine for yarn or thread.	853,392	May 14	2072	430	128	564
Ainley, Thomas E., Uxbridge, Mass. Carding-machine.	853,584	May 14	3001	617	128	801
Ainley, William T. (See Nichols, George H., assignor.)						
Ainsworth, Francis, St. John, New Brunswick, Canada. Artificial denture.	866,176	Sept. 17	2218	619	130	754
Ainsworth, Jesse, Lyons, Kans. Gas-generator.	863,487	Aug. 13	2188	592	129	2797
Ainsworth, Robert G., Denver, Colo. Assay-balance.	841,477	Jan. 15	3382	730-1	126	949
Air-Brake and Steam-Heat Connection Company. (See Kilpatrick, Walter W., assignor.)						
Aird, Philip E., St. Louis, Quebec, Canada. Gun-cleaner.	860,180	July 16	2867	782	129	1012
Airhart, Walter, Blunt, S. D. Hen's nest.	860,511	July 16	3361	923	129	1175
Airfied Gas Heating and Power Company. (See Hall, Edwin A., assignor.)						
Aitken, Edwin J., Spokane, Wash. Horse-hitch.	846,715	Mar. 12	1997	439	127	537
Aitken, Hugh W., and W. Mackie, Glasgow, Scotland. Apparatus for separating liquids from vapors.	869,680	Oct. 29	3911	1076	130	2612
Aitken, Hugh W., and W. Mackie, Glasgow, Scotland. Roll for sugar-cane mills.	871,018	Nov. 12	1829	499-500	131	621
Aitken, John, New York, N. Y. Building-block.	840,893	Jan. 8	2218	488	126	608
Aiton Machine Company. (See Aitken, Thomas A., assignor.)						
Aiton, Thomas A., Cleveland, Ohio, assignor to Aiton Machine Company, New York, N. Y. Cooling attachment.	849,711	Apr. 9	2150	442	127	2170
Ajax Forge Company. (See Bradley, Frank B., assignor.)						
Ajax Metal Company. (See Cramer and Hopkins, assignors.)						
Ajello, Gaetan, New York, N. Y. Armored cement or concrete construction.	856,013	June 4	1097	227	128	1971
Ajello, Gaetan, New York, N. Y. Armored cement or concrete construction.	856,615	June 11	2332	479	128	2319
Ajello, Vincent, New York, N. Y. Detachable billiard-cue tip.	864,943	Sept. 3	279	75	130	89
Akerman, John N., assignor of one-half to C. F. Underwood, Newark, N. J. Railway-rail.	853,209	May 14	1703	353	128	463
Akers, Charles W., Bluefield, W. Va. Valve-controlling mechanism.	847,219	Mar. 12	2998	661	127	787
Akers, Erastus M., Ione, Oreg. Brake-lever.	841,842	Jan. 22	4130	890	126	1176
Akers, Thomas J., Riner, Va. Spike.	849,712	Apr. 9	2151	442	127	2170
Akers, William M., assignor of one-third to E. W. Townsend, Decatur, Iowa. Cement-block-molding machine.	862,043	July 30	5750	1597-8	129	2000
Akeson, Anders, Worcester, Mass., assignor of one-half to M. D. Colbath, Hampden, Me. Vapor-stove.	864,116	Aug. 20	3126	865	129	3121
Akeson, Anders, and V. G. Anderson, Worcester, Mass. Carbureter.	853,196	May 7	1645	342	128	416
Akimoff, Nicholas W., Philadelphia, Pa. Multistage turbo-pump.	846,871	Mar. 12	2522	556	127	671
Akimoff, Nicholas W., Philadelphia, Pa. Pump.	874,377	Dec. 24	4256	896-7	131	1947
Akimoff, Nicholas W., West Lynn, Mass. Runner for turbines and fluid-pumps.	854,012	May 21	3341	686	128	926
Akin, Daniel F., Farmington, Minn. Land and water vehicle.	865,845	Sept. 10	1720	478	130	570
Akin, John H., and C. C. Anderson, Creston, Iowa. Metal railway-tie.	874,556	Dec. 24	4020	971	131	2005

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Akins, Charles J., assignor of one-half to G. W. Sherk and B. W. Graham, Huntington, Oreg. Flush-tank.....	841,213	Jan. 15	2865	623	126	816
Akins, Charles J., Huntington, assignor of one-half to B. W. Graham and G. W. Sherk, Portland, Oreg. Flushing-tank.....	841,214	Jan. 15	2867	624	126	817
Akridge, George H., Pelham, Ga. Mop.....	853,941	May 14	3196	655	128	850
Aktiebolaget Baltic-Separator. (See Risberg, Johannes V. M., assignor.)						
Aktiebolaget Celtic. (See Johnson, Johan H. S., assignor.)						
Aktiebolaget Gas Accumulator. (See Dalén, Gustaf, assignor.)						
Aktiebolaget L. M. Ericsson & Co. (See Holmgren and Brahm, assignors.)						
Aktiebolaget Nordiska Artilleriwerkstaderna. (See Thronsen, Harald T. J., assignor.)						
Aktiebolaget Separator. (See Forsberg, Erik A., assignor.)						
Aktiebolaget Separator. (See Jörgensen, Walter, assignor.)						
Aktiebolaget Separator. (See Ljungström, Birger, assignor.)						
Aktiebolaget Separator. (See Ljungström, Birger and F., assignors.)						
Aktiebolaget Svenska Automat Fabriken. (See Lindgren, Erick W., assignor.)						
Aktiebolaget Vincetrifugen. (See Nilsson and Jonson, assignors.)						
Aktien Gesellschaft vorm. H. Meinecke. (See Meinecke, Carl, assignor.)						
Aktiengesellschaft der Maschinenfabriken von Escher, Wyss & Co., Firm of (See Stodola, Aurel, assignor.)						
Aktin Engraving Company. (See Carleton, Spencer, assignor.)						
Alarm Lock Company. (See Sheinman, Morris, assignor.)						
Albaugh, William A., Baltimore, Md. Mat for ticket or other stamping devices.....	853,393	May 14	2075	430	128	564
Albee, George E., assignor to Winchester Repeating Arms Co., New Haven, Conn. Sight for firearms.....	852,152	Apr. 30	6950	1451	127	3494
Albee, Honestus M., Nutley, N. J. Hose-nozzle.....	865,146	Sept. 3	580	163	130	177
Albee, Honestus M., Nutley, N. J., assignor to J. H. Williams & Co., Brooklyn, N. Y. Engraving or carving machine.....	842,745	Jan. 29	6063	1278	126	1691
Alber, Erhard T., Ann Arbor, Mich. Antifriction gear-tooth.....	857,144	June 18	3317	699	128	2606
Alber, Erhard T., Ann Arbor, Mich. Transmission mechanism.....	863,341	Aug. 13	1986	535	129	2735
Alber, Erhard T., Ann Arbor, Mich. Muffler.....	863,342	Aug. 13	1988	535	129	2736
Alberger, Alvan H., Buffalo, N. Y. Stuffing-box.....	870,152	Nov. 5	433	118-19	131	142
Alberger Condenser Company. (See Alberger, Louis R., assignor.)						
Alberger, Louis R., Greenwich, Conn., assignor to Alberger Condenser Company, New York, N. Y. Vacuum-pump.....	845,738	Mar. 5	5	1	127	4
Alberger, Louis R., assignor to Alberger Condenser Company, New York, N. Y. Surface condenser.....	868,388	Oct. 15	1844	518	130	1916
Alberger, Louis R., assignor to Alberger Condenser Company, New York, N. Y. Surface condenser.....	868,389	Oct. 15	1847	519	130	1917
Alberger, Louis R., assignor to Alberger Condenser Company, New York, N. Y. Surface condenser.....	868,390	Oct. 15	1851	519-20	130	1919
Albert, Albert P., New Orleans, La. Cotton-picking apparatus.....	851,475	Apr. 23	5531	1159	127	3104
Albert and J. M. Anderson Manufacturing Company. (See Andersen, Johan M., assignor.)						
Albert and J. M. Anderson Manufacturing Company. (See Anderson, Albert, assignor.)						
Albert, James W., Oneida, N. Y. Shaft-coupling.....	856,199	June 11	1452	306	128	2093
Albert, John J., Danvers, Ill. Wire-working tool.....	855,741	June 4	582	119	128	1845
Albert, William H., assignor of one-half to J. A. McGreevy, Burrows, Ind. Check-row seeder and planter.....	859,536	July 9	1877	504-5	129	661
Albertelli, Innocent, Chicago, Ill. Banana-crate.....	859,794	July 9	2270	617	129	789
Albertelli, Innocent, Chicago, Ill. Banana-crate.....	862,300	Aug. 6	326	91	129	2184
Alberti, Rudolf, Goslar, Germany. Preparation of lithopones.....	854,011	May 21	3340	.....	128	926
Albertson, Albert E., Evansville, Minn. Chimney-damper.....	846,542	Mar. 12	1659	369	127	452
Albertson, Benjamin, Mantoloking, N. J. Lock for shutter-fasteners.....	856,669	June 11	2427	500	128	2342
Albertson, Benjamin, Mantoloking, N. J. Slat-operating mechanism.....	869,473	Oct. 29	3570	979	130	2508
Albertson, Martin C., Oakes, N. D. Band-cutter for threshing-machines.....	846,377	Mar. 5	1302	287	127	329
Albin, Jeremiah W., and D. C. Ricketts, Babylon, N. Y. Clasp.....	848,584	Mar. 26	5731	1253	127	1530
Albin, John L., Kiowa, Colo. Potato-digger.....	844,908	Feb. 19	4356	930	126	2946
Albin, John L., Kiowa, Colo. Wire gate-fastener.....	861,492	July 30	4935	1355	129	1750
Albin, John L., Colorado Springs, Colo. Fence-tool.....	855,549	June 4	208	40	128	1749
Albinson, James E., Washington, D. C. Hot-air heater.....	848,220	Mar. 26	5012	1096	127	1353
Albrecht, Christian A., Berlin, Germany. Releasing device for the matrices in composing-machines with two or more magazines placed one above the other.....	865,846	Sept. 10	1721	478	130	3570
Albrecht, Francis J., Pittsburg, Pa. Oven-door.....	858,132	June 25	5287	1123	128	2134
Albrecht, Herman S., St. Louis, Mo. Forming-die.....	868,902	Oct. 22	2669	738	130	201
Albrecht, Jacob J., Syracuse, N. Y. Ratchet-wrench.....	873,977	Dec. 17	3394	723	131	1784
Albrecht, John H., and B. E. Erickson, Madison, Wis. Leaf-turner.....	866,554	Sept. 17	2752	770-1	130	922
Albrecht, Joseph, Esslingen, Germany. Drill and like clamping chuck.....	855,829	June 4	750	155	128	1884
Albrecht, Karl, assignor to Firm of Kalle and Company, Aktiengesellschaft, Biebrich, Germany. Thio-indoxyl derivatives and making same.....	874,649	Dec. 24	4810	.....	131	2038
Albrecht, Lewis, Baltimore, Md. Coke-discharging apparatus.....	843,251	Feb. 5	856	174	126	2012
Albrecht, Martin, Friedberg, assignor to Felten & Guillaume-Lahmeyer werke Aktien-Gesellschaft, Frankfurt-on-the-Main, Germany. Dynamo-electric variable-speed and reversing gearing.....	861,931	July 30	5595	1545-6	129	1951
Albrecht, Martin, Friedberg, assignor to Felten & Guillaume-Lahmeyerwerke Aktien-Gesellschaft, Frankfurt-on-the-Main, Germany. Means for driving motor road-vehicles.....	871,098	Nov. 19	1967	539	131	699
Albree, Edward C., Swampscott, Mass. Pay-envelope.....	863,688	Aug. 20	2486	687	129	2922
Albright, Albert A., Muncie, Ind. Sign.....	860,071	July 16	2717	740	129	963
Albright, Chester E., Louisville, Pa. Leather crimping and clamping machine.....	869,040	Oct. 22	2885	796-7	130	2268
Albright, Emmett C., et al. (See Greene, Bartholomew H., assignor.)						
Albright, Freeman, et al. (See Patton, Alfred S., assignor.)						
Albright, James E., Greensboro, N. C. Water-closet lid and device for preventing seats from splitting and warping.....	870,406	Nov. 5	854	227	131	281
Alcorn, Thomas H., Philadelphia, Pa. Keel-block for ships.....	871,467	Nov. 19	2788	702	131	823
Alden, Charles A., Steelton, assignor to Pennsylvania Steel Company, Philadelphia, Pa. Railway-frog.....	840,547	Jan. 8	1537	339	126	438
Alden, Herbert W., assignor to Timken Roller Bearing Axle Company, Canton, Ohio. Roller-bearing.....	865,472	Sept. 10	1110	316-17	130	366
Alderman, Henry O., et al. (See Fairchild, Elmer E., assignor.)						
Alderson, Erastus, North Yakima, Wash. Anvil-vise.....	874,722	Dec. 24	4962	1042	131	2061
Aldred, Alfred E. (See Aldred, Robert J. F. and A. E.)						
Aldred, Alfred E., Glencoe, Ontario, Canada. Apparatus for elevating and handing up dough.....	870,212	Nov. 5	532	144	131	174
Aldred, Robert J. F. and A. E., Glencoe, Ontario, Canada. Dough-dividing machine.....	850,332	Apr. 16	3292	686	127	2503
Aldrich, Frank, assignor of one-half to E. L. Ebert, Detroit, Mich. Dumping-wagon.....	856,851	June 11	2716	562	128	2416
Aldrich, George A., San Francisco, Cal. Type-writer.....	865,147	Sept. 3	582	164	130	177
Aldrich, Truman H., Jr., Birmingham, Ala. Car-dumping apparatus.....	852,643	May 7	541	103-4	128	142

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Aldridge, Frances L. (See Aldridge, Lincoln J., assignor.)						
Aldridge, James G. W. (See Fiddes and Aldridge.)						
Aldridge, James G. W., Westminster, and R. E. Gibson, Liverpool, England. Charging gas-retorts, coke-ovens, and the like.	866,177	Sept. 17	2219	619-20	130	754
Aldridge, Lincoln J., assignor to F. L. Aldridge, Plattsburg, N. Y. Axle-bearing.	858,361	July 2	1	1	129	3
Aldridge, Walter H. (See Miller, John F., assignor.)						
Ale, George C., Grayford, Ind. Voting-machine.	868,062	Oct. 15	1342	375-6	130	1766
Alexander, Alpheus, and J. Fredericksen, Jewell, Iowa. Building-block mold.	847,220	Mar. 12	3000	661	127	788
Alexander, Alpheus, and J. Fredericksen, Jewell, Iowa. Mold.	847,221	Mar. 12	3001	662	127	788
Alexander, David A., Rochester, N. Y. Beam clamp and hanger.	862,372	Aug. 6	433	118	129	2222
Alexander, Frederick, New York, N. Y., assignor of one-half to L. C. Smith, Westfield, N. J. Bottle-corking machine.	840,100	Jan. 1	615	133	126	162
Alexander Gebrueder. (See Miersch, Albert, assignor.)						
Alexander, Harry, New York, N. Y. House-wiring conduit system.	858,846	July 2	848	220-1	129	293
Alexander, Henry, et al. (See Rhodes, Albert M., assignor.)						
Alexander, James C., Aberdeen, Wash. Shingle-package.	851,789	Apr. 30	6179	1289	127	3298
Alexander, Jesse, Brooklyn, N. Y. Mile-register.	864,351	Aug. 27	3493	971	129	3263
Alexander, Jesse, New York, N. Y. Registering mechanism.	864,442	Aug. 27	3633	1010	129	3309
Alexander, John F., assignor of one-half to E. W. Stribling, Columbus, Ohio. Combined feed and water bucket.	870,660	Nov. 12	1250	339	131	441
Alexander, John S., New York, N. Y. Conduit for electric railways.	855,492	June 4	95	20	128	1719
Alexander, Julius, Stendal, Germany. Multitubular-boiler-cleaning device.	848,082	Mar. 26	4784	1043	127	1285
Alexander, Julius M., and H. Fox, Healdsburg, Cal. Ruling-pen.	840,413	Jan. 1	1265	277	126	332
Alexander, Paul, Charlottenburg, Germany. Production of aqueous caoutchouc solutions and the regeneration of rubber waste.	844,077	Feb. 12	2412		126	2429
Alexander, Theophilus W., Burlington, Iowa. Oil or gasoline can.	854,618	May 21	4494	937	128	1217
Alexander, Thomas L. (See Melvin, Mark G., assignor.)						
Alexander, Violet G., Charlotte, N. C. Dress-shield.	858,249	June 25	5501	1174	128	3189
Alexander, William D., assignor of one-half to C. L. Elyea, Atlanta, Ga. Adjustable rack for holding gramophone-records.	863,961	Aug. 20	2906	800	129	3053
Alexander, Wilson H., Oxford, Pa. Cigar-holder.	862,691	Aug. 6	983	262	129	2386
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Motor-winding.	841,609	Jan. 15	3629	789-90	126	1014
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Alternating-current motor.	841,610	Jan. 15	3639	790-1	126	1016
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine.	849,713	Apr. 9	2152	442	127	2170
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Alternating-current motor.	859,358	July 9	623	433	129	579
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Frequency-changer.	859,359	July 9	1626	433-4	129	580
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Alternating-current motor.	861,012	July 23	4175	1143	129	1472
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine.	861,072	July 23	4254	1166	129	1496
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Induction-motor.	872,550	Dec. 3	495	104-5	131	1244
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Alternating-current motor.	873,702	Dec. 17	2836	604-5	131	1693
Alfano, Leonard, Brooklyn, N. Y. Device for sharpening razors.	865,847	Sept. 10	1722	479	130	571
Alford, Frank R., assignor to Wm. L. Gilbert Clock Company, Winsted, Conn. Clock.	871,019	Nov. 12	1830	500	131	622
Algate, Arthur J., Toronto, Ontario, Canada. Minnow-trap.	850,123	Apr. 16	2913	608	127	2401
Alger, Arthur H. (See Alger, Joseph, assignor.)						
Alger, Arthur M. (See Jennings, Daniel C., assignor.)						
Alger, George A., Manchester, N. H. Nutmeg-pulverizer.	855,423	May 28	6102	1275	128	1653
Alger, Joseph, assignor to himself and A. H. Alger, jointly, Brockton, Mass. Box-covering machine.	851,052	Apr. 23	4683	984-5	127	2894
Alger, Joseph, assignor to himself and A. H. Alger, jointly, Brockton, Mass. Gluing-machine.	851,852	Apr. 30	6325	1319-20	127	3338
Alger, Lewis B., Chelsea, Mich. Clevis.	866,555	Sept. 17	2754	771	130	922
Algert, Joseph, Denver, Colo. Ore crushing and screening mill.	849,037	Apr. 2	840	172-4	127	1802
Algert, Joseph, Denver, Colo. Ore-concentrator.	868,830	Oct. 22	2566	708	130	2169
Aliano, Frank S., New York, N. Y. Lock.	850,333	Apr. 16	3296	686	127	2504
Aliano, Frank S., New York, N. Y. Lock.	873,481	Dec. 10	2397	505	131	1586
Allan, Alexander B., Glasgow, Scotland. Wire rope.	861,230	July 23	4491	1231	129	1576
Allan, Edward T., Carthage, Ohio, assignor to Union Special Sewing Machine Company, Chicago, Ill. Presser-foot for sewing-machines.	857,431	June 18	3856	819	128	2740
Allan, Frederick W., Buffalo, N. Y. Gas-absorber.	855,035	May 28	5369	1115	128	1469
Allan, John, New York, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.	846,972	Mar. 12	2524	557	127	672
Allan, Robert S., Durham, England. Machine for grooving wood.	848,797	Apr. 2	367	73	127	1682
Allan, William L., San Francisco, Cal., and W. T. Price, Ithaca, N. Y. Derrick.	844,990	Feb. 19	4492	958	126	2982
Allan, William T., Jacksonville, Ala. Reversible eyeglasses.	862,124	Aug. 6	4	2	129	2082
Allardice, Jessie D., Providence, R. I. Garment-hanger.	845,443	Feb. 26	5409	1148	126	3250
Allbritton, Willie C., Cairo, Ga. Cultivator attachment.	866,903	Sept. 24	3293	928	130	1127
Allcut, David, Fostoria, Ohio. Ballot-box.	866,413	Sept. 17	2563	715-16	130	864
Allen A. B., et al. (See Morris, William F., assignor.)						
Allen A. J., et al. (See Morris, William F., assignor.)						
Allen, Aaron, Philadelphia, Pa. Slitting-machine.	855,742	June 4	583	119-20	128	1846
Allen, Aaron, Philadelphia, Pa. Receiver for cutting-machines.	864,717	Aug. 27	4101	1138	129	3454
Allen, Albert B., assignor to A. C. Clark, Chicago, Ill. Inhaler.	853,431	May 14	2130	444-5	128	579
Allen, Alfred J., London, England. Three-speed mechanism.	859,422	July 9	1715	457	129	609
Allen, Allie B., Hattiesburg, Miss. Tail-holder.	858,250	June 25	5502	1175	128	3190
Allen, Alonzo W., Streator, Ill. Instrument for describing arcs of circles.	866,178	Sept. 17	2221	620	130	755
Allen, Anson W., Philadelphia, Pa. Manufacture of open-hearth steel.	870,921	Nov. 12	1674		131	575
Allen, Arthur D. (See Holmes and Allen.)						
Allen, Arthur S., Brookline, Mass. Paper-feeding mechanism.	868,317	Oct. 15	1734	490	130	1884
Allen, Charles C., West Seneca, N. Y. Display-box.	843,191	Feb. 5	732	150-1	126	1980
Allen, Charles H., Aycock, Fla. Standard for logging-cars.	851,476	Apr. 23	5533	1159	127	3104
Allen, Charles M. (See Baggeley, Allen, and Lindquist.)						
Allen, Charles M., Lo Lo, Mont., assignor to R. Baggeley, Pittsburg, Pa. Forehearth.	856,616	June 11	2334	479	128	2319
Allen, Charles R. (See Hutchinson, Ely C., assignor.)						
Allen, Charles R., San Francisco, Cal. Screen.	843,785	Feb. 12	1868	399	126	2296
Allen, Claxton E., Lynn, Mass., assignor to General Electric Company. Transformer.	861,073	July 23	4256	1166	129	1497
Allen, Claxton E., and S. R. Bergman, Lynn, Mass., assignors to General Electric Company. Transformer.	850,714	Apr. 16	4046	846	127	2694

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Allen and Company, Edgar. (See James, Charles W., assignor.)						
Allen, Edward A., assignor to Allen Electro-Chemical Company, Rumford Falls, Me. Electrolytic cell.	862,783	Aug. 6	1116	302	129	2424
Allen, Edward B., Elizabeth, N. J., assignor to Singer Manufacturing Company. Stop-motion device for sewing-machines.	842,291	Jan. 29	5048	1076-7	126	1431
Allen, Edward B., Elizabeth, N. J., assignor to Singer Manufacturing Company. Buttonhole-sewing machine.	858,133	June 25	5290	1124	128	3134
Allen, Edward B., Elizabeth, N. J., assignor to Singer Manufacturing Company. Carpet-sewing machine.	858,134	June 25	5293	1125	128	3135
Allen, Edward B., Elizabeth, N. J., assignor to Singer Manufacturing Company. Feeding mechanism for buttonhole-sewing machines.	862,125	Aug. 6	6	2-3	129	2082
Allen, Edward B., Elizabeth, N. J., assignor to Singer Manufacturing Company. Buttonhole-stitching machine.	864,144	Aug. 27	3185	880-2	129	3167
Allen, Edward B., Bridgeport, Conn., assignor to Singer Manufacturing Company. Needle-bar mechanism for buttonhole-stitching machines.	856,617	June 11	2335	480	128	2319
Allen, Edward B., Bridgeport, Conn., assignor to Singer Manufacturing Company. Buttonhole-stitching machine.	857,145	June 18	3318	699-700	128	2606
Allen, Edward B., Bridgeport, Conn., assignor to Singer Manufacturing Company. Stop-motion device for sewing-machines.	863,129	Aug. 13	1665	446-7	129	2634
Allen, Edward B., Bridgeport, Conn., assignor to Singer Manufacturing Company. Work holding and feeding device for buttonhole-sewing machines.	864,117	Aug. 20	3130	865-7	129	3121
Allen, Edward B., Bridgeport, Conn., assignor to Singer Manufacturing Company. Buttonhole-stitching machine.	865,324	Sept. 3	864	248-9	130	262
Allen, Edward B., Elizabeth, and W. E. Goodyear, Newark, N. J., assignors to Singer Manufacturing Company. Buttonhole-sewing machine.	856,014	June 4	1098	228	128	1971
Allen, Edward F., Boston, assignor to Draper Company, Hopedale, Mass. Thin-plate detector for looms.	864,352	Aug. 27	3494	972	129	3263
Allen, Edward W., Hartford City, Ind. Stay for paper boxes and receptacles of a like nature.	851,583	Apr. 23	5761	1204	127	3162
Allen, Edwin A., Galesburg, Ill. Indicator or display apparatus.	858,847	July 2	851	221	129	293
Allen, Edwin L. (See Wood, John C., assignor.)						
Allen Electro-Chemical Company. (See Allen, Edward A., assignor.)						
Allen, Elmer V., Hiawatha, Kans. Washing-machine.	866,612	Sept. 24	2847	803	130	985
Allen, Eugene L., Springfield, Ill. Churn.	840,035	Jan. 1	482	105	126	130
Allen, Everett P., assignor to R. M. Wilbur, trustee, Chicago, Ill. Air-vent valve.	842,606	Jan. 29	5741	1213	126	1613
Allen, Frank B., et al. (See Brackstone, Samuel, assignor.)						
Allen, Frank G., Ames, Iowa. Feed-box for poultry.	852,211	Apr. 30	7059	1475	127	3522
Allen, Frederick E., San Leandro, Cal. Excavating and elevating apparatus.	854,920	May 28	5137	1070	128	1412
Allen, George A., Western Springs, assignor to Aetna Powder Company, Chicago, Ill. Portable dynamo.	844,991	Feb. 19	4494	959	126	2982
Allen, George W., Riverside, Cal. Paint.	862,692	Aug. 6	984	.....	129	2386
Allen, Henry C., assignor to M. E. Allen, Northford, Conn. Communion or eucharistic device.	858,051	June 25	5132	1085	128	3094
Allen, Herbert W., et al. (See Phinney, William B., assignor.)						
Allen, Isabell, Kansas City, Mo., and G. Hanlon, Shawneetown, Ill. Hair-drier.	847,872	Mar. 19	4341	952	127	1151
Allen, Isabell, Kansas City, Mo., and G. Hanlon, Shawneetown, Ill. Electric curling-iron.	857,569	June 25	4141	877	128	2843
Allen, Jacob S., Jr., Philadelphia, Pa. Derrick.	870,922	Nov. 12	1675	461	131	575
Allen, James M., assignor of one-half to C. H. Howard, St. Louis, Mo. Crucible.	854,551	May 21	4370	905	128	1185
Allen, James M., assignor of two-fifths to C. F. Schneider, St. Louis, Mo. Safe.	869,220	Oct. 29	3155	870	130	2379
Allen, James M., assignor of two-fifths to C. F. Schneider, St. Louis, Mo. Safe-door support.	869,221	Oct. 29	3156	870	130	2379
Allen, James M., assignor of two-fifths to C. F. Schneider, St. Louis, Mo. Safe-lock.	869,222	Oct. 29	3157	870	130	2379
Allen, Jean M. (See Ferris and Allen.)						
Allen, John E., Yoncalla, Oreg. Shears.	842,292	Jan. 29	5050	1077	126	1432
Allen, John H., and F. M. Patterson, Philadelphia, Pa. Pipe-flanging machine.	867,333	Oct. 1	164	49	130	1362
Allen, John H., and T. Vickers, New York, N. Y. Fluid-pressure engine.	844,437	Feb. 19	3158	679	126	2655
Allen, John K., New York, N. Y. Toy.	867,226	Oct. 1	1	1	130	1317
Allen, John L., Chicago, Ill. Can-heading machine.	871,383	Nov. 19	2597	665-7	131	785
Allen, Leicester, assignor to Pearson Typo-Bar Company, New York, N. Y. Composing-machine.	871,020	Nov. 12	1831	500-1	131	622
Allen, Lewis A., Passaic, N. J. Trolley-pole guide.	870,755	Nov. 12	1415	383	131	490
Allen, Lewis C., assignor to M. Werk Company, Cincinnati, Ohio. Tag-rest for soap.	857,570	June 25	4142	877	128	2843
Allen, Mark, Redfield, Iowa. Toy.	851,151	Apr. 23	4878	1026	127	2942
Allen, Martin V., New York, N. Y. Hammer-lock for firearms.	849,825	Apr. 9	2350	482-3	127	2221
Allen, Mary E. (See Allen, Henry C., assignor.)						
Allen, Matthew F., Nashville, Tenn. Base for stoves or ranges.	856,754	June 11	2584	530	128	2384
Allen, Orcenith F., Temple, Tex. Toboggan-slide.	847,304	Mar. 19	3157	695	127	855
Allen, Philip, Providence, R. I., assignor to General Fire Extinguisher Company, New York, N. Y. Valve.	868,391	Oct. 15	1856	520	130	1921
Allen, Robert L., assignor to Archbold-Brady Company, Syracuse, N. Y. Leg-foundation for skeleton towers.	861,244	July 30	4521	1237	129	1617
Allen, Samuel, et al. (See Draper, Stephen H., assignor.)						
Allen, Wallace P., Milwaukee, Wis. Plate-printing press.	870,811	Nov. 12	1499	409-10	131	519
Allen, Walter J., Topeka, Kans. Whip-holder.	863,893	Aug. 20	2809	771	129	3025
Allen, William A., New York, N. Y. Supporting and retaining means for tires.	860,891	July 23	3972	1089	129	1407
Allen, William B., and W. Blalack, Parsons, Kans. Grinding-mill.	872,321	Dec. 3	5	1	131	1169
Allen, William D., and G. A. Johnson, assignors to Marlin Fire Arms Company, New Haven, Conn. Cutting-tool.	857,710	June 25	4412	932	128	2914
Allen, William G., and F. G. Feeley, Akron, Ohio. Fire-extinguisher system.	871,021	Nov. 12	1834	501-2	131	623
Allen, William H., Newark, N. J. Connection for gas-tubes.	844,378	Dec. 24	4259	897	131	1948
Allen, William W., Dobbs Ferry, N. Y. Washing-machine.	844,766	Feb. 19	4092	872-3	126	2881
Allen, William W., and J. Metzger, assignors to Weir Frog Company, Cincinnati, Ohio. Switch-stand.	873,649	Dec. 10	2733	579	131	1642
Allenbrand, Lawrence, Basehor, Kans. Wagon brake-lock.	864,353	Aug. 27	3496	972	129	3264
Allenbrand, Lawrence, Basehor, Kans. Car-brake.	866,904	Sept. 24	3294	929	130	1127
Allend, Joseph, Philadelphia, Pa. Vehicle-tire.	863,488	Aug. 13	2189	592	129	2797
Allender, Charles W. G., Washington, Pa. Combined colander and cake-pan.	854,394	May 21	4076	843	128	1113
Allendorfer, John H., Westmont, Pa. Hydraulic valve.	855,215	May 28	5735	1193-4	128	1562
Alles, Edward W., Napoleon, Ohio. Check-valve.	847,146	Mar. 12	2843	628	127	748
Alles, John P. (See Bahr, Ewald E., assignor.)						
Alles, William, Muncie, Ind. Machine for gathering glass.	842,051	Jan. 22	4525	973-4	126	1269
Alley, Charles J., Farrdon, New Zealand. Machine for use in chiming and crozing barrels.	856,561	June 11	2218	456	128	2289
Alley, Jesse L., Indianapolis, Ind. Wire-crimping machine.	873,200	Dec. 10	1859	390	131	1492
Alifree, James B., Ironton, Ohio. Locomotive exhaust-nozzle.	843,252	Feb. 5	857	175	126	2012

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Alliance Machine Company. (See Israel and Kirk, assignors.)						
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Alliance Machine Company. (See Shem and Israel, assignors.)						
Allin, Joseph H. and R. L., Pecan Gap, Tex. Adjustable colter-clamp	856,200	June 11	1454	306-7	128	2094
Allin, Robert L. (See Allin, Joseph H. and R. L.)						
Alline, Charles F., Fort Dodge, Iowa. Can-lifter	869,152	Oct. 22	3052	842	130	2320
Allington, William E., Saginaw, Mich. Branch-pipe valve for dust-collecting systems	840,894	Jan. 8	2219	488	126	608
Allington, William E., Saginaw, Mich. Dust-collecting system	846,973	Mar. 12	2525	557	127	672
Allington, William E., Saginaw, Mich. Centrifugal fan	865,962	Sept. 10	1884	528	130	618
Allis-Chalmers Company. (See Allison and De Wein, assignors.)						
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Allis-Chalmers Company <i>et al.</i> (See Wright, Edwin C., assignor.)						
Allison, Daniel K., and G. F. De Wein, assignors to Allis-Chalmers Company, Milwaukee, Wis. Hook-rod-disconnecting device	873,695	Dec. 10	2819	601	131	1657
Allison, Edward I., Saginaw, Mich. Buggy-wrench	867,334	Oct. 1	167	49	130	1363
Allison, Edward I., Saginaw, Mich. Harness-buckle	873,000	Dec. 10	1461	304	131	1427
Allison, Frank, Chattanooga, Tenn. Compressed-air water-elevator	864,055	Aug. 20	3038	839	129	3063
Allison, Harvey H., New York, N. Y. Record-needle	874,819	Dec. 24	5123	1079	131	2092
Allison, James E., assignor to C. R. Judge, St. Louis, Mo. Heating-pad	858,848	July 2	854	222	129	295
Allison, James M., assignor of one-half to W. C. Freed, Indianapolis, Ind. Saw	865,348	Sept. 10	918	263	130	307
Allison, James R., Avinger, Tex. Tire-setting implement	866,320	Sept. 17	2430	678	130	821
Allison, William D. (See Leonard, Charles N., assignor.)						
Allith Manufacturing Company. (See Smith, Henry C., assignor.)						
Allman, David W., Manchester, England. Pipe	859,360	July 9	1630	434	129	582
Alloatti, Joseph, Gerzat, France. Vehicle-wheel	863,827	Aug. 20	2702	745	129	2991
Allshouse, Clarence E., Chicago, Ill. Fish-hook holder	849,310	Apr. 2	1380	278	127	1939
Allsop, Robert O., London, England. Petroleum-engine	868,392	Oct. 15	1858	521	130	1921
Allsup, Daniel B., Livingston, Mont. Gate	845,444	Feb. 26	5410	1148	126	3251
Allyn, William R., Poneto, Ind. Wire-fence stay	848,585	Mar. 26	5732	1254	127	1531
Alm, Hans A., Hankinson, N. D. Permutation-lock	849,714	Apr. 9	2153	443	127	2171
Alma Manufacturing Company of Baltimore City. (See Blum, Isaac, assignor.)						
Alma Manufacturing Company of Baltimore City. (See Kerngood, Herman, assignor.)						
Almida, Steven A., <i>et al.</i> (See Stambois, Charles, assignor.)						
Almstrom, Gustaf A., and P. Christenson, Northport, Wash. Mechanism for dispensing eggs and other commodities	868,632	Oct. 22	2254	624-5	130	2073
Almy, Bradford, Ithaca, N. Y. Invisible protector for pockets	864,281	Aug. 27	3391	943	129	3231
Almy, Henry N., Honolulu, Hawaii. Trap-nest	842,371	Jan. 29	5228	1109	126	1482
Alohika, William K., Los Angeles, Cal. Sanitary stool	866,251	Sept. 17	2317	647	130	785
Alphaduct Manufacturing Company. (See Hyde, Courtney, assignor.)						
Alpin, Ralph Tarrytown, N. Y. Clothes-line pulley	845,388	Feb. 26	5317	1128	126	3229
Alquist, Peter. (See Emerick and Alquist.)						
Arich, Henry, El Paso, assignor of one-half to J. Stockmeyer, El Paso county, Tex. Window-light regulator	850,201	Apr. 16	3057	640	127	2437
Arich, Henry, assignor of one-half to J. Stockmeyer, El Paso county, Tex. Book or music leaf turner	868,903	Oct. 22	2670	738-9	130	2201
Arlite Duplicating Supply Company. (See Hilliker, George L., assignor.)						
Alsleben, Ernst, assignor of one-half to M. Steinberg, Charlottenburg, near Berlin, Germany. Drilling-machine	865,148	Sept. 3	583	164	130	177
Alsobrook, James S., Wood Station, Ga. Telephone-switch	854,552	May 21	4370	906	128	1185
Alson Louis A., Watervalley, Miss. Display-rack	845,739	Mar. 5	8	1-2	127	5

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Alson, Louis A., Water Valley, Miss. Display-rack.....	853,051	May 7	1391	290	128	354
Alsop, Thomas J., Brooklyn, Wis. Staple-puller.....	839,802	Jan. 1	6	2	126	4
Alsop, William T., Owensboro, Ky. Back-stop and receiver for target-shooting.....	841,611	Jan. 15	3643	791	126	1016
Alsop, William T., Owensboro, Ky. Reshaping and restoring cartridge-shells.....	871,747	Nov. 19	3319	820	131	911
Alsop, William T., Owensboro, Ky. Apparatus for reshaping and restoring shells.....	871,748	Nov. 19	3321	820	131	911
Alspaugh, Jesse L., Georgetown, Colo. Tool for removing bushings.....	869,861	Oct. 29	4170	1152	130	2688
Alston, Charles H. T., London, England. Internal-combustion engine.....	867,777	Oct. 8	831	238	130	1588
Alston, James. (See Cannell, Charles, assignor.)						
Alt, Edward W., assignor to E. U. Fliehmman, Chicago, Ill. Soap-holding device.....	869,124	Oct. 22	3006	830	130	2305
Altemus, Clarence L., et al. (See Smith, James M., assignor.)						
Altenburger, Carl, Chicago, Ill. Handle-bar.....	864,056	Aug. 20	3040	840	129	3094
Alter, Isidor, Boston, Mass. Horn.....	853,148	May 7	1558	324	128	394
Alter, John H., Conneaut, Ohio. Paper-clip.....	868,747	Oct. 22	2441	676	130	2130
Altermatt, John F., Missoula, Mont. Catamenial appliance.....	867,091	Sept. 24	3593	1018	130	1219
Altham, George J., Swansea, assignor to Aero and Marine Motor Company, Boston, Mass. Diaphragm-pump.....	851,334	Apr. 23	5264	1103	127	3038
Altham, George J., Fall River, assignor to Aero and Marine Motor Company, Boston, Mass. Internal-combustion engine.....	874,920	Dec. 31	5369	1123	131	2151
Althen, William C., assignor of three-sixths to W. F. Miesse, W. N. Gearhart, and B. F. Hirt, Columbus, Ohio. Wire-retrieving attachment for trolley-wheels.....	846,378	Mar. 5	1304	287	127	329
Althoff, Walter. (See Henry and Althoff.)	847,717	Mar. 19	4020	879	127	1075
Althoff, William H. (See Oesterle, Frank, and Althoff.)						
Altick, Harry M., Dayton, Ohio. Sash-cord fastener.....	858,555	July 2	327	80	129	118
Alting, Robert. (See Grunewald and Alting.)						
Altman, Dewitt, and A. Silverman, assignors of one-third to M. Janofsky, Washington, D. C. Line-holder.....	872,604	Dec. 3	599	126	131	1261
Altmyer, John W., Central City, Iowa. Rural-delivery mail-pouch.....	864,232	Aug. 27	3392	943	129	3232
Altolaguerre, Martin, and J. Zubillaga, Ingenio "El Pilar," Artamisa, Cuba. Defecating apparatus.....	861,932	July 30	5597	1547	129	1952
Altro Park Company. (See Cole, John A., assignor.)						
Altschul, Julius. (See Mankiewicz, Altschul, and Urban.)						
Altstock, Marcus, Lemberg, Austria-Hungary. Mechanism for operating clutches.....	866,707	Sept. 24	2993	849	130	1025
Aluminum Cooking Utensil Co. (See Wilson, John H., assignor.)						
Alvan Clark and Sons Corporation. (See Gerrish, Willard P., assignor.)						
Alves, Antonio. (See Uhlmann, Bernhard, assignor.)						
Alves, Walter S., Henderson, Ky. Gun-stock.....	856,507	June 11	2102	432	128	2260
Alvey, Benjamin H., assignor to Alvey-Ferguson Co., Louisville, Ky. Elevator.....	840,189	Jan. 1	808	177	126	216
Alvey, Benjamin H., assignor to Alvey-Ferguson Company, Louisville, Ky. System of transferring baggage or freight.....	872,212	Nov. 26	4355	1038	131	1097
Alvey-Ferguson Co. (See Alvey, Benjamin H., assignor.)						
Alviset, Gustavus A. (See Kapp and Alviset.)						
Alvord, Elisha H., Seattle, Wash. Hay-fork.....	845,445	Feb. 26	5412	1149	126	3251
Alvord, Franklin G., Estelle, Okla. Ter. Three or four horse hitch.....	871,316	Nov. 19	2453	634	131	772
Alyea, Charles B., Indianapolis, Ind. Anchor.....	853,331	May 14	1966	407	128	537
Aiz, Urban S., Mount Washington, Md. Emergency-button.....	857,917	June 25	4825	1023	128	3015
Amacker, John R., Oak Park, assignor to Creamery Package Mfg. Company, Chicago, Ill. Bottle-washing machine.....	855,036	May 28	5370	1116-17	128	1470
Amason, Emma, Atlanta, Ga. Attachment for sewing-machines.....	859,188	July 9	1353	359	129	487
Amberg File & Index Co. (See Amberg, Theodore J., assignor.)						
Amberg, Theodore J., assignor to Amberg File & Index Co., Chicago, Ill. Sliding-drawer construction for furniture.....	855,037	May 28	5374	1117	128	1470
Amberg, Walter E., Chicago, Ill. Car-truck.....	870,607	Nov. 12	1151	314	131	407
Ambler, Arthur A., Springfield, Ohio. Vehicle-wheel.....	849,095	Apr. 2	960	196	127	1832
Ambler, George B., assignor to Draper Company, Hopedale, Mass. Warp stop-motion for looms.....	863,130	Aug. 13	1667	447-8	129	2634
Ambler, George B., assignor to Draper Company, Hopedale, Mass. Starting and stopping mechanism for looms.....	867,934	Oct. 8	1090	308	130	1665
Ambler, William. (See Weaver and Ambler.)						
Ambos, Walter P., Cleveland, Ohio. Outlet-box and wall-plate.....	847,718	Mar. 19	4021	879	127	1075
Amboy Machine Company. (See Milliken, John A., assignor.)						
Ambrose, Charles, and F. D. Schwartz, Chicago, Ill. Steam-condenser.....	846,379	Mar. 5	1305	287-8	127	329
Ambrose, Charles, and F. D. Schwartz, Chicago, Ill. Condenser.....	846,380	Mar. 5	1310	288-9	127	331
Ambrose, Harry T. (See Donning, George W., assignor.)						
American Adhesion Traction Company. (See Gerard, Léon, assignor.)						
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American Safety Razor Co. (See Gibford, Edward B., assignor.)						
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American Seeding Machine Company. (See Bozard, Harrison B., assignor.)						
American Seeding Machine Company. (See Christman and Moon, assignors.)						
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American Seeding Machine Company. (See Packham and Oates, assignors.)						
American Separator Company. (See Collins and Hartmann, assignors.)						
American Serial Lock Company. (See Hart, Albert B., assignor.)						
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American Sheet & Tin Plate Company. (See Bray, Charles W., assignor.)						
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American Sheet & Tin Plate Company. (See Steele, Lawrence C., assignor.)						
American Shoe Finding Company. (See Waterman, Bradford B., assignor.)						
American Silk Thread Finishing Co. (See Bossart, Xaver, assignor.)						
American Silver Company. (See Holley, Dwight S., assignor.)						
American Silver Company. (See Large, Samuel J., assignor.)						
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American Sintering Company. (See Bergquist, John G., assignor.)						
American Snuff Company. (See Thom, James C., assignor.)						
American Soda Fountain Company. (See Lippincott, Fisher H., assignor.)						
American Soda Fountain Company. (See Tracey, Ernest C., assignor.)						
American Soda Fountain Company. (See Wheldon and Maxwell, assignors.)						
American Specialty Company. (See Stebbins and Bergstrom, assignors.)						
American Steam Gauge and Valve Manufacturing Company. (See Ellison, Lewis M., assignor.)						
American Steam Pump Company. (See Metcalf, Foster M., assignor.)						
American Steel Foundries. (See Bauer and Susemihl, assignors.)						
American Steel Foundries. (See Floyd, George G., assignor.)						
American Steel Foundries. (See Schroeder, William S., assignor.)						
American Steel Foundries. (See Shea, Thomas A., assignor.)						
American Steel Package Company. (See Kruse, Alfred T., assignor.)						
American Steel & Wire Company. (See Backlin, Axel F., assignor.)						
American Steel & Wire Company. (See Cocker, John A., assignor.) (Reissue.)						
American Steel & Wire Company. (See Condon, William R., assignor.)						
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American Steel & Wire Company. (See Horton and Gedge, assignors.)						
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American Steel & Wire Company. (See Paff, George A., assignor.)						
American Steel & Wire Company. (See Smith, George H., assignor.)						
American Steel & Wire Company of New Jersey. (See Sturdevant, Charles R., assignor.)						
American Stoker Company. (See Girtanner, Frederick, assignor.)						
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American Stove Company. (See Blackford, Atwell J., assignor.)						
American Sugar Refining Company. (See Arendt and Moore, assignors.)						
American Sugar Refining Company. (See Morrison, Edwin, assignor.)						
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American Sun Bonnet Company. (See Kendall, David H., assignor.)						
American Telegraphophone Company. (See Hagemann, Emil S., assignor.)						
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American Telegraphophone Company. (See Poulsen and Pedersen, assignors.)						
American Telephone and Telegraph Company. (See Athearn, William E., assignor.)						
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American Telephone and Telegraph Company. (See Blakeney and Chetwood, assignors.)						
American Telephone and Telegraph Company. (See Falk, Oscar F., assignor.)						
American Telephone and Telegraph Company. (See Shreeve, Herbert E., assignor.)						
American Telephone and Telegraph Company. (See Yeatman, Walter C., assignor.)						
American Telephone and Telegraph Company. (See Yorke, George M., assignor.)						
American Textile Specialty Machinery Company. (See Koehler, William, assignor.)						
American Thermos Bottle Company. (See Burger, Reinhold, assignor.)						

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American Thread Company. (See Cook, Richard H., assignor.)						
American Tin Plate Company. (See Bray, Charles W., assignor.)						
American Tobacco Company. (See Harris, Fred R., assignor.)						
American Tobacco Company. (See Malocsay, Frank X., assignor.)						
American Tobacco Company. (See Prescott, Sydney I., assignor.)						
American Tobacco Company. (See Shedlock, Alfred, assignor.)						
American Tobacco Company. (See Tucker, Benjamin W., assignor.)						
American Type Founder's Company. (See Barth, Riehl, and Honegger, assignors.)						
American Type Founders Company. (See Webster, Cyrus C., assignor.)						
American Typographic Corporation. (See Richards, Francis H., assignor.)						
American Valve & Meter Company. (See Anderson, Frank C., assignor.)						
American Warp-Drawing Machine Company. (See Field and Hathaway, assignors.)						
American Warp-Drawing Machine Company. (See Field, Hathaway, and Lanning, assignors.)						
American Warp-Drawing Machine Company. (See Hathaway, Edgar F., assignor.)						
American Washboard Company. (See Sargent, James T., assignor.)						
American Water Softener Company. (See Garrett, George S., assignor.)						
American Well & Prospecting Co. (See Johnston and Norris, assignors.)						
American Wheel Company. (See Plummer, William S., assignor.)						
American Wood Extract Co. (See Rasche, Henry, assignor.)						
American Wood Working Machinery Company. (See Budlong, Irving J., assignor.)						
American Woven Lath Company. (See Carpenter, Henry W., assignor.)						
American Wrapping and Box Machine Company. (See Abbott, Augustus, assignor.)						
American Wrapping and Box Machine Company. (See Giroud, Felipe, assignor.)						
Americus Electro-Hermetic Company. (See Dion, Léon, assignor.)						
Amerman, Charles S., <i>et al.</i> (See Richter, Edward, assignor.)						
Ames, Adelbert, Lowell, Mass. Pencil holder, sharpener, and ink-eraser	868,393	Oct. 15	1859	521	130	1922
Ames, Alfred B., and H. Schwendener, Watonga, Okla. Ter. Cotton picking or harvesting machine	863,962	Aug. 20	2906	800-1	129	3054
Ames, Alonzo L. and B. S., Newberry, Pa. Propeller	847,222	Mar. 12	3003	662	127	789
Ames, Azel, Jr., New York, N. Y., assignor of one-half to A. G. Wilson, Wilkinsburg, Pa. Lightning-arrester	866,556	Sept. 17	2755	771	130	922
Ames, Byron S. (See Ames, Alonzo L. and B. S.)						
Ames, Franklin, Chicago, Ill. Screen-cleaning apparatus for automobiles	866,996	Sept. 24	3436	973	130	1172
Ames, George E., Chicago, Ill. Joke-box	871,252	Nov. 19	2301	602	131	749
Ames, Howard. (See Lincoln, Leo B., assignor.)						
Ames, Howard E., U. S. Navy. Garbage-receptacle	862,784	Aug. 6	1117	303	129	2425
Ames, James L. (See Gilchrist, Luther M., assignor.)						
Ames, John F., Portland, Oreg. Bag-machine	842,372	Jan. 29	5230	1109-10	126	1483
Ames, John F., Portland, Oreg. Printing-press	867,778	Oct. 8	833	238-9	130	1588
Ames, John G., Chicago, Ill. Slug and slot	859,033	July 2	1127	301	129	383
Ames, John M., New York, N. Y., assignor to American Car & Foundry Company, St. Louis, Mo. Tank-car	857,571	June 25	4144	877-8	128	2843
Ames, John M., Dongan Hills, N. Y., assignor to B. A. Hegeman, Jr., North Plainfield, N. J. Car-truck bolster	860,892	July 23	3973	1089	129	1407
Ames, John M., New Brighton, N. Y., assignor to B. A. Hegeman, Jr., North Plainfield, N. J. Transportation-car and the like	866,764	Sept. 24	3091	871	130	1066
Ames, Theodore G., Elmhurst, Cal. Calking-tool	858,938	July 2	981	255	129	337
Ames, William E., <i>et al.</i> (See Davis, Calvin, assignor.)						
Amey, Clement I., Toronto, Ontario, Canada. Track lifting, leveling, ballasting, and tamping machine	857,572	June 25	4145	878-9	128	2844
Amie, Paul W., Binford, N. D. Game apparatus	858,776	July 2	710	188	129	246
Ammann, Frank X., Weehawken, N. J. Drawer-pull	846,441	Mar. 12	1460	325	127	399
Ammerman, William M., assignor to Edwin J. Toof Company, New Haven, Conn. Take-up for sewing-machines	842,161	Jan. 29	4776	1020	126	1365
Ammerman, William M., assignor to Edwin J. Toof Company, New Haven, Conn. Looper mechanism for sewing-machines	859,423	July 9	1717	457-8	129	609
Ammerman, William M., assignor to Edwin J. Toof Company, New Haven, Conn. Stitch-forming mechanism for sewing-machines	863,489	Aug. 13	2190	592-3	129	2797
Ammerman, William M., assignor to Edwin J. Toof Company, New Haven, Conn. Looper mechanism for sewing-machines	863,490	Aug. 13	2194	594	129	2799
Ammerman, William M., assignor to Edwin J. Toof Company, New Haven, Conn. Sewing-machine throat-plate fastening	863,491	Aug. 13	2197	594	129	2800
Ammerman, William M., assignor to Edwin J. Toof Company, New Haven, Conn. Sewing-machine	865,149	Sept. 3	585	164-5	130	178
Ammermann, Hugo F., and W. Lohse, New York, N. Y. Governor	869,041	Oct. 22	2888	797-8	130	2269
Ammon, John, New York, N. Y. Piano-action	847,223	Mar. 12	3004	662	127	789
Amon, Joseph, New York, N. Y. Electric-lamp socket	856,755	June 11	2585	531	128	2384
Amondson, Adolph. (See Abbott, Lewis W., assignor.)						
Amonsens, Gelbret, assignor of one-half to O. H. Jules, Minneapolis, Minn. Milling attachment for lathes	849,355	Apr. 9	1478	300	127	1999
Amos, John B., Prairie City, Ill. Excavator	842,746	Jan. 29	6068	1279	126	1692
Amphion Piano Player Company. (See Doman, Lewis B., assignor.)						
Amrhein, Arthur. (See Amrhein, John J., assignor.)						
Amrhein, John J., assignor of one-half to A. Amrhein, Johnstown, Pa. Tool for locking nut-locks	869,153	Oct. 22	3053	842	130	2321
Ams, Charles M. (See Ams, Max, assignor.)						
Ams, Max, assignor to C. M. Ams, New York, N. Y. Composition of matter	869,870	Nov. 5	1	1	131	3
Amsbury, William N., assignor to F. McCoy and G. H. Thomas, Seattle, Wash. Combined door closer and check	851,972	Apr. 30	6569	1369	127	3399
Amsden, George A., Lowell, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Conveying apparatus	851,790	Apr. 30	6180	1290	127	3298
Amsden, George A., Lowell, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Cable carrier apparatus	871,768	Nov. 26	3383	830-1	131	949
Amsden, George A., Springfield, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Cable cash-carrier	870,756	Nov. 12	1416	384	131	491
Amsden, George A., Springfield, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Cable cash-carrier	870,757	Nov. 12	1416	384	131	491
Amsler, Alfred, Schaffhausen, Switzerland. Means for indicating relative movement of parts of rotating shafts	839,803	Jan. 1	8	2	126	4
Amsler Engineering Company. (See Amsler, Walter O., assignor.)						
Amsler, Walter O., Pittsburg, Pa. Glass-melting furnace	847,632	Mar. 19	3858	842-3	127	1034
Amsler, Walter O., assignor to Amsler Engineering Company, Pittsburg, Pa. Chimney-valve construction	869,763	Oct. 29	4029	1112	130	2645
Amtmann, Josef, assignor of one-half to Z. von Puteani, Melk, Austria-Hungary. Preserved-food tin	842,293	Jan. 29	5050	1077	126	1432
Amundson, Amund J., Baldwin, Wis. Plow	870,007	Nov. 5	214	57	131	76

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Amundson, Carl, Slayton, Minn. Cleaning attachment for harvesters.....	870,534	Nov. 12	1041	284	131	367
Anable, Frederick S. (See Roberts, Henry P., assignor.)						
Anaconda Copper Mining Company. (See Garred, Ulysses A., assignor.)						
ancel, Jacques, Asnières, assignor to C. Brodbeck, Paris, France. Crushing and pulverizing machine.....	843,428	Feb. 5	1163	244	126	2082
Anchel, Edward, assignor of one-half to J. Hecht, New York, N. Y. Braiding-machine.	840,414	Jan. 1	1267	277	126	332
Andelsselskabet Internationalt Metalltypikompagni. (See Kristensen, Sigvald A. C., assignor.)						
Anderman, Goldie L., Chicago, Ill. Duplicating forms.....	851,391	Apr. 23	5378	1127-8	127	3067
Anders, Joseph L., Pittsbridge, Tex. Root and stalk pulling machine.....	850,715	Apr. 16	4047	846	127	2694
Andersen, Andrew F. (See Calnan and Andersen.)						
Andersen, Andrew M., and C. Quesnell, Moscow, Idaho. Traction-wheel.....	866,414	Sept. 17	2564	716	130	865
Andersen, Carl W. (See Dietz, Andersen, and Farrell.)						
Andersen, Johan M., assignor to Albert and J. M. Anderson Manufacturing Company, Boston, Mass. Electric switch.....	860,432	July 16	3249	888	129	1137
Andersen, Johan M., assignor to Albert and J. M. Anderson Manufacturing Company, Boston, Mass. Operating mechanism for electric switches.....	860,433	July 16	3251	888-9	129	1137
Andersen, Johan M., assignor to Albert and J. M. Anderson Manufacturing Company, Boston, Mass. Electromagnetically-operated mechanism.....	872,400	Dec. 3	165	31-2	131	1194
Andersen, Johan M., assignor of one-half to A. Anderson, Boston, Mass. Power-operated valve.....	865,556	Sept. 10	1260	357	130	413
Andersen, John, Oakland, Cal. Flat-iron heater.....	862,693	Aug. 6	984	263	129	2386
Andersen, Lauritz W., assignor to Plume & Atwood Mfg. Co., Waterbury, Conn. Means for carding articles of merchandise.....	855,216	May 28	5737	1194	128	1562
Andersen, Nis, Clinton, Iowa. Device for fastening legs to furniture.....	843,656	Feb. 12	1643	348	126	2240
Andersen, Theodore C. J., New York, N. Y., assignor to Macallen Company, Boston, Mass. Adjustable fixture-support.....	855,830	June 4	751	155	128	1884
Anderson, Abraham, Moline, Ill. Protractor.....	845,043	Feb. 26	4612	982	126	3049
Anderson, Adelbert H., Canastota, assignor to F. W. Savage, Granville, N. Y. Felt boot.	844,992	Feb. 19	4497	959	126	2983
Anderson, Albert. (See Andersen, Johan M., assignor.)						
Anderson, Albert, assignor to Albert and J. M. Anderson Manufacturing Company, Boston, Mass. Strain-insulator.....	869,403	Oct. 29	3455	949	130	2473
Anderson, Albert, assignor to Albert and J. M. Anderson Manufacturing Company, Boston, Mass. Strain-insulator.....	869,404	Oct. 29	3456	949	130	2473
Anderson, Albin A., Mead, Nebr. Propeller.....	875,484	Dec. 31	6474	1352	131	2331
Anderson, Alexander P., New York, N. Y. Baking.....	874,279	Dec. 17	4056	857	131	1883
Anderson, Alfred, Minneapolis, Minn. Guard for switch-frogs, guard-rails, or the like.....	855,424	May 28	6103	1275	128	1653
Anderson, Alfred A., Jamestown, N. Y. Veneer-clamp.....	871,769	Nov. 26	3385	831-2	131	949
Anderson, Alfred C., Minneapolis, Minn. Adjustable vehicle-seat.....	861,347	July 30	4699	1284	129	1679
Anderson, Alfred C., Atwater, Minn. Adjustable vehicle-seat.....	874,723	Dec. 24	4963	1042-3	131	2062
Anderson, Alfred E., Milwaukee, Wis. Resilient switch-stand connection.....	847,538	Mar. 19	3640	802	127	979
Anderson, Alfred T., St. Louis, Mo. Lathe appliance.....	863,575	Aug. 20	2319	635	129	2865
Anderson, Anders, Bloomfield, Colo. Calendar.....	873,696	Dec. 10	2821	601-2	131	1657
Anderson, Anders L., Gayville, S. D. Filter.....	856,832	June 11	2117	562	128	2416
Anderson, Andrew M., et al. (See Stenstrom, John P., assignor.)						
Anderson, Andrew M., and C. Quesnell, Moscow, Idaho. Cylinder-tooth for use in threshing machinery.....	858,362	July 2	2	1	129	3
Anderson, Andrew M., and C. Quesnell, Moscow, Idaho. Harvesting machinery of the combined reaping and threshing type.....	858,696	July 2	579	150-1	129	200
Anderson, Andrew M., and C. Quesnell, Moscow, Idaho. Harvester.....	858,697	July 2	581	151	129	201
Anderson, Andrew M., and C. Quesnell, Moscow, Idaho. Pneumatic separator.....	866,415	Sept. 17	2566	716-17	130	865
Anderson, Arthur M., Niagara Falls, N. Y. Electric heater.....	842,849	Feb. 5	1	1	126	1787
Anderson, Arvid M. (See Cable, John W., assignor.)						
Anderson, August, Birmingham, Ala. Deraiment-guard.....	840,733	Jan. 8	1906	419	126	531
Anderson, August, Birmingham, Ala. Nut-lock.....	852,535	May 7	310	56	128	84
Anderson, Carl A., Orion, Ill. Corn-planter.....	851,477	Apr. 23	5534	1160	127	3104
Anderson, Carl F., Chicago, Ill. Releasing mechanism for bundling-presses.....	857,918	June 25	4827	1023	128	3015
Anderson, Charles A., and E. A. Erickson, Chicago, Ill., assignors, by mesne assignments, to Reeves & Company, Columbus, Ind. Multiple-feed lubricator.....	857,221	June 18	3463	730-1	128	2644
Anderson, Charles A., E. A. Erickson, and J. Wickstrom, Chicago, Ill. Incandescent igniter for gas-engines.....	842,607	Jan. 29	5742	1213-14	126	1613
Anderson, Charles C. (See Akin and Anderson.)						
Anderson, Charles D., and A. G. Stout, assignors to Union Railway Signal Company, Louisville, Ky. Audible warning-signal for railway-crossings.....	872,631	Dec. 3	657	137	131	1271
Anderson, Charles O., assignor of one-half to A. T. Austin, Omaha, Nebr. Slack-adjuster.	850,202	Apr. 16	3059	641	127	2438
Anderson, Charles O., assignor of one-half to A. T. Austin, Omaha, Nebr. Slack-adjuster.....	853,210	May 14	1706	353	128	463
Anderson, Charles W. (See Harper, John D., assignor.)						
Anderson, Charley W., assignor of one-half to T. Thoreson, Portal, N. D. Grain-shocking machine.....	846,888	Mar. 12	2357	518-19	127	631
Anderson, Charlie A., Cornplanter, Pa. Rod-coupling.....	840,734	Jan. 8	1908	420	126	531
Anderson, Chester L., Quincy, Ill. Spring-wheel.....	861,691	July 30	5230	1437	129	1842
Anderson, Christian E., assignor of one-half to W. E. Smith, Aneta, N. D. Heating-drum.....	861,933	July 30	5599	1547	129	1952
Anderson, Christian O., Brigham, Utah. Buckle.....	842,373	Jan. 29	5240	1111	126	1486
Anderson, Clarence A., Lindsborg, Kans. Telephone-exchange.....	858,363	July 2	2	1-2	129	3
Anderson, Clarence A., assignor of one-half to J. Anderson, Salina, Kans. Telephone-exchange.....	846,381	Mar. 5	1313	289-90	127	332
Anderson, Clarence A., assignor of one-half to J. Anderson, Salina, Kans. Switching mechanism.....	846,382	Mar. 5	1316	*290	127	332
Anderson Computing Scale Company. (See Braskett, Thomas C., assignor.)						
Anderson, Cooper. (See Glessner, Charles E., assignor.)						
Anderson Coupling and Supply Company. (See Hale and Fox, assignors.)						
Anderson, David B., St. Marys, Pa. Target-trap-controlling means.....	847,539	Mar. 19	3642	803	127	980
Anderson, David F. (See Gilmore, Edward L., assignor.)						
Anderson, David F., assignor to E. Children's Sons Manufacturing Co., Council Bluffs, Iowa. Hay-rake.....	857,374	June 18	3751	794	128	2716
Anderson, David W., La Fayette, Ind. Screen-door check.....	844,078	Feb. 12	2414	517	126	2429
Anderson, Edward H., Schenectady, N. Y., assignor to General Electric Company. Electrically-propelled car or locomotive.....	873,703	Dec. 17	2842	*05	131	1693
Anderson, Edward L., assignor of one-fourth to T. B. Harvey, St. Louis, Mo. Reducing metallic sulfids.....	862,871	Aug. 13	1265	343	129	2507
Anderson, Edward L., assignor to himself, H. Atchisson, St. Louis, Mo., J. H. Miller and C. G. Cloud, McLeansboro, Ill. Reducing metallic sulfids.....	846,642	Mar. 12	1883	413	127	509
Anderson, Edward N., assignor of one-fourth to P. S. Horton, Warren, Pa. Weather-strip.....	847,873	Mar. 19	4342	955	127	1151

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Anderson, Ellis B., Demopolis, Ala. Combined feeding, cleaning, and elevating apparatus.....	844,842	Feb. 19	4237	904	126	2918
Anderson, Ellis B., Memphis, Tenn. Cake-forming machine.....	872,885	Dec. 3	1196	254	131	1354
Anderson, Elmer, Tustin, Mich. Spring-seat attachment.....	853,616	May 14	2519	522	128	681
Anderson, Emil, assignor to F. H. Noble & Co., Chicago, Ill. Pin.....	853,211	May 14	1708	354	128	464
Anderson, Emmett J., trustee. (See Anderson, Rosemond T., assignor.)						
Anderson, Erick E., St. Louis, Mo. Splice-bar.....	873,918	Dec. 17	3282	701	131	1764
Anderson, Ernest D., assignor to T. Adams, Jr., New York, N. Y. Mantle-impregnating machine.....	844,644	Feb. 19	3816	807-11	126	2809
Anderson, Ernst, Chicago, Ill. Switch-socket for electric lamps.....	861,692	July 30	5231	1437	129	1842
Anderson, Frank, Normanock, N. J. Sawing-machine.....	863,011	Aug. 13	1468	399	129	2572
Anderson, Frank, Jamestown, N. Y. Combined calipers, scale, and dividers.....	864,145	Aug. 27	3192	883	129	3168
Anderson, Frank B., Cleveland, Ohio. Filter-press.....	873,482	Dec. 10	2402	505-6	131	1586
Anderson, Frank C., assignor of one-half to American Valve & Meter Company, Cincinnati, Ohio. Switch-interlocking mechanism.....	862,044	July 30	5751	1598	129	2000
Anderson, George. (See Berger, John L., assignor.)						
Anderson, George A., Coal Harbor, N. D. Harness.....	874,557	Dec. 24	4622	972	131	2006
Anderson, George T. (See Born, Guttman, Anderson, and Vetting.)						
Anderson, Gunnar, and R. Lundin, New York, N. Y. Rotary pump.....	872,040	Nov. 26	4017	963	131	1040
Anderson, Gust, Chicago, Ill. Fastening and pivot for piano front boards.....	845,503	Feb. 26	5538	1174	126	3284
Anderson, Gustaf A., Kansas City, Kans., and H. O. Harpster, Kansas City, Mo. Fire-alarm.....	843,058	Feb. 5	429	93	126	1902
Anderson, Gustav, Dunlap, Kans. Deerhorn.....	867,779	Oct. 8	837	239	130	1590
Anderson, Hans J., Lakemills, Wis. Pin-setter.....	853,212	May 14	1709	354-5	128	464
Anderson, Harold B. (See Winton and Anderson.)						
Anderson, Harry, Springfield, Ohio. Compound steam-engine.....	842,441	Jan. 29	5396	1142-3	126	1530
Anderson, Harry T. (See Taylor, Arthur K., assignor.)						
Anderson, Henry, Vega, Wash. Sawing-machine.....	866,905	Sept. 24	3295	929	130	1127
Anderson, Henry W., et al. (See Topliff, Francis W., assignor.)						
Anderson, Hjalmar S., Pittsburg, Pa. Internal-combustion engine.....	873,650	Dec. 10	2734	579	131	1644
Anderson, Irving L., Edmonds, Wash. Washing-machine.....	868,831	Oct. 22	2570	709	130	2170
Anderson, Isaac, Newcastle, Ind., assignor of one-half to W. Valyar, Saginaw, Mich. Fish scaler and cleaner.....	841,099	Jan. 15	2661	582	126	765
Anderson, Isaac, assignor of one-half to S. A. Whipple, McCabe, Ariz. Ter. Recovering precious metals from solutions.....	861,628	July 30	5142	1411	129	1817
Anderson, Isaac, Tacoma, assignor of two-thirds to H. Anstenson, Puyallup, and A. Sundell, Tacoma, Wash. Electric transformer.....	862,532	Aug. 6	735	196	129	2312
Anderson, Jacob T., New York, N. Y. Electric tank-switch.....	858,135	June 25	5296	1125	128	3136
Anderson, James C., Washington, D. C. Bottle.....	846,177	Mar. 5	926	196	127	235
Anderson, James C., Highland Park, Ill. Proportional meter.....	850,457	Apr. 16	3534	739	127	2564
Anderson, James C., Rutherford, N. J., assignor to Autocoil Company. Speed-governor.....	846,814	Mar. 12	2204	483	127	591
Anderson, James C., Rutherford, N. J. Power-transmitter.....	861,791	July 30	5392	1487-8	129	1890
Anderson, James C., Highland Park, Ill. Stamp-mill machinery.....	852,756	May 7	762	150-1	128	199
Anderson, James S., Ames, Nebr. Train-signaling system.....	850,511	Apr. 16	3647	762-3	127	2593
Anderson, James S., Ames, Nebr. Automatic signaling apparatus.....	865,848	Sept. 10	1723	479-80	130	572
Anderson, John. (See Anderson, Clarence A., assignor.)						
Anderson, John, et al. (See Norstrom, Nils E., assignor.)						
Anderson, John. (See Spray, George H., assignor.)						
Anderson, John, Newcastle-upon-Tyne, England. Machine for ornamenting turned pillars.....	863,492	Aug. 13	2198	594	129	2800
Anderson, John, Golden, British Columbia, Canada. Sled-brake.....	863,771	Aug. 20	2615	723	129	2963
Anderson, John, Boston, Mass. Piano-action.....	872,551	Dec. 3	500	105	131	1242
Anderson, John, and J. H. Bennet, Edinburgh, Scotland. Apparatus for lighting or extinguishing a number of lamps.....	863,828	Aug. 20	2704	746	129	2991
Anderson, John B. (See Johnson, Milton, assignor.)						
Anderson, John C. A., Chicago, Ill. Tympan-bale.....	868,241	Oct. 15	1599	453	130	1844
Anderson, John L., Seattle, Wash. Pipe-boiler.....	841,368	Jan. 15	3183	685	126	899
Anderson, John R. (See Lloyd and Anderson.)						
Anderson, John W., Weed, assignor of one-half to G. W. Burk, Sisson, Cal. Hydraulic controller for vehicles.....	860,434	July 16	3254	890	129	1139
Anderson, Joseph D., St. Marys, Ohio. Explosive-engine.....	869,611	Oct. 29	3803	1040	130	2579
Anderson, Joseph M. (See Swanson, Carl F., assignor.)						
Anderson, Lars, Chicago, Ill., assignor to Triplex Gas Engine Company, New York, N. Y. Carbureter.....	842,052	Jan. 22	4530	974-5	126	1269
Anderson, Lars, assignor to Triplex Gas Engine Company, New York, N. Y. Carbureter.....	859,719	July 9	2162	584	129	753
Anderson, Lars, assignor to Triplex Gas Engine Company, New York, N. Y. Piston-rod connection.....	859,795	July 9	2270	617	129	789
Anderson, Lars, assignor to G. W. Stahl, Chicago, Ill., and Triplex Gas Engine Company, New York, N. Y. Piston-rod connection.....	840,190	Jan. 1	809	177-8	126	216
Anderson, Lauritz, Quincy, Ill. Carbureter for gasoline-engines.....	848,425	Mar. 26	5437	1185-6	127	1458
Anderson, Leander. (See Hutchens, Peter W., assignor.)						
Anderson, Leonard W., Rockymount, Va. Lamp.....	844,311	Feb. 19	2927	622	126	2597
Anderson, Matthew C. (See Bogie and Anderson.)						
Anderson, Millard F., New York, N. Y. Rolling-stick for oil-cloth.....	864,057	Aug. 20	3041	840	129	3094
Anderson, Neal L., Montgomery, Ala. Type-writer.....	859,476	July 9	1789	481	129	633
Anderson, Nellie S. (See Anderson, William, assignor.)						
Anderson, Niels, Philadelphia, Pa. Mortar mixer or hoe.....	865,150	Sept. 3	587	165	130	178
Anderson, Nils H., Bridgeport, Conn., assignor to Builders' Iron Foundry, Providence, R. I. Belt-shifting apparatus.....	839,915	Jan. 1	231	49	126	64
Anderson, Remembrance H., Claysville, Pa. Wrench.....	840,415	Jan. 1	1268	277	126	332
Anderson, Robert D. H., Cincinnati, Ohio. Vending-machine.....	871,384	Nov. 19	2608	667-8	131	795
Anderson, Robert J., New York, N. Y. Tea and coffee pot.....	874,479	Dec. 24	4442	937	131	1981
Anderson, Robert W. (See Pluard, Leon, assignor.)						
Anderson, Rosemond T., assignor to E. J. Anderson, trustee, Parkersburg, W. Va. Hardening copper.....	845,606	Feb. 26	5714	.....	126	3327
Anderson, Roy, Charleston, Ill. Safety-valve for locomotives.....	856,562	June 11	2220	457	128	2289
Anderson, Rufus, Southampton, Mass. Glass-cutter.....	847,633	Mar. 19	3859	843	127	1035
Anderson, Rufus L., Plant City, Fla. Dental separator.....	862,694	Aug. 6	985	263	129	2387
Anderson, Samuel C., Xenia, Ohio. Corn-harvester.....	864,592	Aug. 27	3901	1083-4	129	3392
Anderson, Severin B., assignor of one-half to N. Nelson, Seattle, Wash. Rein check or stop.....	841,843	Jan. 22	4132	890	126	1177
Anderson, Swan, Ottumwa, Iowa. Lubricator.....	874,650	Dec. 24	4811	1010	131	2038
Anderson, Swan C., Oak Park, and C. H. Frenberg, Chicago, Ill. Automatic cut-out or fuse-box.....	850,334	Apr. 16	3301	687	127	2506
Anderson, Thomas, Glasgow, Scotland. Lace.....	854,619	May 21	4495	937-8	128	1217

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Anderson Tool Company. (See Burkhardt, Franklin P., assignor.)						
Anderson, Verner G. (See Akeson and Anderson.)						
Anderson, Wilhelmine, Brooklyn, N. Y. Flat-top desk	849,096	Apr. 2	962	196	127	1833
Anderson, William, assignor to A. A. Strange and W. O. White, Memphis, Tenn. Switch-lock	856,437	June 11	1986	409	128	2232
Anderson, William B., <i>et al.</i> (See Winchell, James F., assignor.)						
Anderson, William C., San Jose, Cal. Apparatus for processing fruit	849,650	Apr. 9	2043	420	127	2143
Anderson, William G., assignor to N. S. Anderson, trustee, Brookline, Mass. Heel for boots and shoes	869,764	Oct. 29	4031	1113	130	2645
Andersson, Gustaf M., Hyde Park, Mass. Car-fender	860,431	July 16	3247	887-8	129	1136
Anderton, Charles, Jr. (See Kramer and Anderton.)						
Andre, Fritz. (See Massott, Adam, Jr., assignor.)						
Andree, Frank W., Milwaukee, Wis. Fish-reel	847,874	Mar. 19	4344	953	127	1152
André, William E., assignor to Nelson & Kreuter Company, Chicago, Ill. Ironing-machine	846,890	Mar. 12	2369	520-1	127	633
André, William E., Chicago, Ill., assignor, by mesne assignments, to American Laundry Machinery Manufacturing Company. Bosom-board for ironing-machines	868,959	Oct. 22	2760	762	130	2230
André, William E., Chicago, Ill., assignor, by mesne assignments, to American Laundry Machinery Manufacturing Company. Ironing-machine	868,960	Oct. 22	2762	762	130	2230
Andresen, Alfred, Minneapolis, Minn. Cooking-iron	866,179	Sept. 17	2222	620	130	755
Andresen, Herman P., assignor of one-half to D. J. Evans, Chicago, Ill. Grab-bucket and operating mechanism	870,812	Nov. 12	1501	410-11	131	520
Andress, George W., Chicago, Ill. Drawer	842,991	Feb. 5	304	66	126	1866
Andrew B. Hendryx Co. (See Hendryx, Andrew B., assignor.)						
Andrew, James T., Montgomery, Ala. Safety appliance for railway-cars	844,228	Feb. 12	2719	580-1	126	2508
Andrew, James T., Montgomery, Ala. Safety appliance for railway-cars	864,058	Aug. 20	3041	840	129	3094
Andrew, James T., Montgomery, Ala. Safety appliance for railway-cars	865,287	Sept. 3	805	231	130	243
Andrew, Moses L., Delhi, Ohio. Boring-machine	869,223	Oct. 29	3159	871	130	2380
Andrew, William, Norwood, Ohio. Stove	870,153	Nov. 5	435	119	131	143
Andrew, William E., Atlantic Highlands, N. J. Vehicle-tire	862,785	Aug. 6	1119	303-4	129	2425
Andrew, William K., Milwaukee, Wis., assignor to International Harvester Company. Gas-engine	845,159	Feb. 26	4843	1027	126	3111
Andrew, William K., Milwaukee, Wis., assignor to International Harvester Company. Force-pump	865,151	Sept. 3	588	165	130	179
Andrews, Augustus, Gulfport, Miss., and L. M. Galliher, New Orleans, La. Cable-holding clip	841,914	Jan. 22	4271	920	126	1207
Andrews, Charles, and T. Jackson, assignors to Andrews Governor Patents Limited, London, England. Governor	858,320	June 25	5619	1203-4	128	3218
Andrews, Charles A. (See Shay, Frank, assignor.)						
Andrews, Charles M., assignor of one-half to C. M. Moore, Caryville, Tenn. Rotary valve	871,660	Nov. 19	3160	783	131	884
Andrews, Dayton L., Southington, Conn. Window-blind and the like	843,922	Feb. 12	2141	457	126	2364
Andrews, George C., Minneapolis, Minn. Boiler	863,829	Aug. 20	2705	746	129	2991
Andrews, George C., Minneapolis, Minn. Rocking grate	868,832	Oct. 22	2571	709	130	2170
Andrews, George S., Butler, Pa. Gas-burner	864,593	Aug. 27	3905	1084	129	3393
Andrews Governor Patents. (See Andrews and Jackson, assignors.)						
Andrews, Isaac, Spartanburg, S. C. Harness-hook for looms	859,189	July 9	1354	359	129	487
Andrews, Jacob R., Bath, Me. Valve mechanism for steam-steering	871,157	Nov. 19	2102	564	131	717
Andrews, James C. (See Wright and Andrews.)						
Andrews, James S., New York, N. Y. Underframe for cars	865,668	Sept. 10	1424	403	130	465
Andrews, James S., New York, N. Y. Underframe for cars	865,669	Sept. 10	1425	404	130	466
Andrews, James S., New York, N. Y. Underframe for cars	865,670	Sept. 10	1426	404	130	466
Andrews, James S., New York, N. Y. Underframe for cars	865,745	Sept. 10	1544	435	130	503
Andrews, James S., New York, N. Y. Underframe for cars	866,997	Sept. 24	3437	974	130	1172
Andrews, John B. (See Woodward, Jesse G., assignor.)						
Andrews, Leon C. (See Halstead and Andrews.)						
Andrews, Martin, assignor to Phoenix Fire Extinguisher Co., Chicago, Ill. Valve for automatic fire-extinguishers	841,915	Jan. 22	4271	920	126	1208
Andrews, Thomas A., Grantville, Ga. Means for controlling feed of cotton	850,716	Apr. 16	4049	847	127	2694
Andrews, William, New York, N. Y. Steam-radiator	869,042	Oct. 22	2890	798	130	2270
Andrews, William, assignor to L. D. Rowland, Sioux City, Iowa, and O. A. Steffin. Coin-operated machine	841,302	Jan. 15	3050	661	126	863
Andrews, William F., Greenwood, S. C., assignor to Draper Company, Hopedale, Mass. Warp stop-motion for looms	863,131	Aug. 13	1671	448	129	2636
Andrews, William S., Schenectady, N. Y., assignor to General Electric Company. Electric regulator	841,215	Jan. 15	2869	624	126	817
Andriano, Albert K., assignor, by mesne assignments, to Direct-Line General Telephone Company, San Francisco, Cal. Secret-service telephone system	841,478	Jan. 15	3385	731-2	126	950
Andriano, Albert K., assignor to Direct-Line General Telephone Company, San Francisco, Cal. Telephone system	846,889	Mar. 12	2363	519-20	127	632
Andriano, Albert K., assignor to Direct-Line General Telephone Company, San Francisco, Cal. Desk-telephone and switching mechanism	853,855	May 14	3003	617	128	801
Andrus, Elmer D., South Chicago, Ill. Brick and wall constructed thereof	864,283	Aug. 27	3394	943	129	3232
Andrus, Frank P., Almont, Mich. Calendar match-safe	874,280	Dec. 17	4062	857	131	1883
Angel, Nathan A., Coldwater, Mich. Cow-tail holder	843,652	Feb. 12	1644	348	126	2240
Angell, Edwin E., Boston, Mass. Protecting commercial paper	869,823	Oct. 29	4116	1137	130	2670
Angell, Edwin E., Somerville, assignor to Angell Manufacturing Company, Boston, Mass. Printing and embossing apparatus	849,038	Apr. 2	846	174	127	1803
Angell, Edwin E., Somerville, assignor to Angell Manufacturing Company, Boston, Mass. Printing	849,715	Apr. 9	2156	443-4	127	2117
Angell, George O., Philadelphia, Pa. Producing zinc sulfate directly from the ore	851,639	Apr. 30	5883	1230	127	3229
Angell, George W., Boone Mill, Va. Wrench	863,251	Aug. 13	1862	501	129	2633
Angell, John E., St. Louis, Mo. Gas or steam separator	873,336	Dec. 10	2138	446-7	131	1575
Angell, Joseph P., Pine Bluff, Ark. Railway-tie	850,283	Apr. 16	3199	667	127	2477
Angell Manufacturing Company. (See Angell, Edwin E., assignor.)						
Angell, Romaine L., San Pedro, Cal. Index and balance-indicator	864,718	Aug. 27	4102	1139	129	3454
Angelo, Wallace P., Chicago, Ill. Hinge	863,132	Aug. 13	1673	448	129	2636
Angeloro, Andrew, New York, N. Y. Hollow stone structure	858,939	July 2	982	255	129	337
Anger, Edward W., Jr. (See Hornsby and Anger.)						
Anger, Robert E., Weyauwega, Wis. Tobacco-booker	854,191	May 21	3718	769	128	1021
Anger, Walter A. (See Miller, Cyrus R., assignor.)						
Angerer, Theodore, Erie, Pa. Animal-trap	851,335	Apr. 23	5265	1103	127	3038
Angerer, Victor, Ridley Park, assignor to William Wharton, Jr., & Company, Incorporated, Philadelphia, Pa. Railway-switch	851,612	Apr. 23	5808	1214	127	3173
Angerer, Victor, Ridley Park, assignor to William Wharton, Jr., & Company, Incorporated, Philadelphia, Pa. Switch structure	852,212	Apr. 30	7061	1475	127	3523

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Angerer, Victor, Ridley Park, assignor to William Wharton, Jr., & Company, Incorporated, Philadelphia, Pa. Switch structure.....	866,998	Sept. 24	3438	974	130	1173
Angier, George S., Schaller, Iowa. Attachment for threshing-machines.....	847,875	Mar. 19	4346	953	127	1152
Angle, Jackson H., Freeport, Ill. Focusing-cloth.....	848,798	Apr. 2	370	73	127	1683
Angle, Persy S. (See Paquette, Herman A., assignor.)						
Anguish, James M. (See Briscoe and Anguish.)						
Angus, William, Montreal, Quebec, Canada. Pulp-flaker.....	868,063	Oct. 15	1346	376-7	130	1767
Animal Trap Company. (See Armstrong, William D., assignor.)						
Anker-Holth, Severin C., Riverside, Ill. Journal-bearing for centrifugal machines.....	853,911	May 14	3134	641	128	834
Anker-Holth, Severin C., Riverside, Ill. Clutch.....	866,765	Sept. 24	3093	871	130	1067
Anker-Werke Aktien-Gesellschaft vormals Hengstenberg & Co. (See Büscher, Wilhelm, assignor.)						
Ann Arbor Machine Company. (See Moore, Wendell P., assignor.)						
Annabal, Thomas W., et al. (See Tucker, Leroy, assignor.)						
Annabal, Thomas W. (See Tucker and Shunk, assignors.)						
Annable, Henry W. C., London, assignor to Ferro Alloys Syndicate Limited, London, England. Manufacture of ferro-molybdenum.....	852,920	May 7	1135		128	289
Annable, Henry W. C., Battersea, London, assignor to Ferro Alloys Syndicate Limited, London, England. Manufacture of ferrochromium.....	869,681	Oct. 29	3912	1077	130	2662
Annable, Warren W., Grand Rapids, Mich., assignor to C. V. Kasson, Chicago, Ill. Track-grinder.....	872,493	Dec. 3	370	77	131	1226
Annand, Robert C., South Shields, England. Apparatus for casting stereotype-plates.....	860,844	July 23	3888	1064	129	1380
Annewalt, B. D., et al. (See Schaeffer, Lester A., assignor.)						
Anschel, Leo, Dortmund, Germany. Meat-cutting machine.....	859,034	July 2	1128	301	129	383
Anschütz-Kaempfe, Hermann, Kiel, Germany. Suspension of rotating apparatus and magnetic compasses.....	841,612	Jan. 15	3645	791	126	1017
Anschütz, Paul, assignor of one-half to G. Bickelhaupt, New York, N. Y. Take-up mechanism for sewing-machines.....	869,765	Oct. 29	4032	1113	130	2646
Ansell Company. (See Ansell, John A., assignor.)						
Ansell, James, assignor of one-half to W. A. Hurley, McKeesport, Pa. Device for contracting and reloading gun-shells.....	870,608	Nov. 12	1154	314-15	131	408
Ansell, John A., Seattle, Wash. Chart-frame with adjustable slide.....	855,217	May 28	5738	1194	128	1562
Ansell, John A., assignor to Ansell Company, Seattle, Wash. Computing device.....	855,218	May 28	5739	1194-5	128	1563
Ansley, George W., Medical Lake, Wash. Cigar-cutter and match-receptacle.....	872,632	Dec. 3	660	137	131	1271
Ansley, Sherman, assignor of one-half to W. Hankens, Portland, Oreg. Sewing-awl.....	847,634	Mar. 19	3860	843	127	1035
Anslinger, Joseph A., assignor of one-half to J. Matz, Cincinnati, Ohio. Amusement device.....	858,777	July 2	712	188	129	247
Anson, Charles L., et al. (See Little, Robert A., assignor.)						
Anson, Elmer T., et al. (See Little, Robert A., assignor.)						
Anson, Lorenzo A., assignor of one-half to J. C. Meyers, Cleveland, Ohio. Apparatus for cooling liquids.....	848,618	Apr. 2	3	1	127	1585
Anspach, Francis G., Ida, Mich., assignor of one-half to C. A. Johnson, Chicago, Ill. Wrench.....	872,633	Dec. 3	661	138	131	1271
Anstenson, Hans, et al. (See Anderson, Isaac, assignor.)						
Anstey, Alfred H., Chester, Pa. Bumper for sash-fasteners.....	860,274	July 16	3005	822	129	1058
Anteau, Richard, West Toledo, Ohio. Safety-hanger.....	864,765	Sept. 3	1	1	130	3
Antes, Robert H., Geneseo, Ill. Dental plugger.....	874,281	Dec. 17	4064	858	131	1883
Anthoine, Alfred W., Lewiston, Me. Eyeglass-mount.....	863,343	Aug. 13	1989	535-6	129	2736
Anthoine, Alfred W., Lewiston, Me. Guard for eyeglasses.....	871,077	Nov. 12	1912	524	131	648
Anthony, Charles C., Philadelphia, Pa. Block-signal system.....	856,670	June 11	2428	501	128	2343
Anthony, Charles H. (See Walton and Anthony.)						
Anthony, Edgar W. (See Rollins, Charles H., assignor.)						
Anthony, Joseph S., Jr., Newport, R. I. Stand for revolvably supporting articles to be painted.....	855,219	May 28	5741	1195	128	1563
Anthony, Kohath, Wilmerding, assignor of one-half to A. L. Trevaskis, Turtle Creek, Pa. Fresh-air conveyor.....	870,407	Nov. 5	855	227	131	281
Anthony, Marcus O., assignor to United Machine & Supply Company, New York, N. Y. Vending-machine.....	844,843	Feb. 19	4241	904-5	126	2919
Anthony, Marcus O., assignor to United Machine & Supply Company, New York, N. Y. Coin-controlled mechanism.....	844,909	Feb. 19	4358	930	126	2947
Anthony, Mark, Streator, Ill. Reclining-chair.....	871,022	Nov. 12	1836	502	131	623
Anthony, Paul H. (See Hindman and Anthony.)						
Anthony, Robert T., Slaton, Pa. Easel.....	855,743	June 4	584	120	128	1846
Anthony & Scovill Company. (See Bornmann, Carl, assignor.)						
Anthony & Scovill Company. (See Cossitt, Franklin M., assignor.)						
Anthony & Scovill Company. (See Matheis, Frank J., assignor.)						
Anthony, William H., Allentown, Pa. Mold for concrete walls.....	850,120	Apr. 9	2894	604	127	2355
Antifriction Journal Box Company. (See Sheasby, William H., assignor.)						
Antisell, Frank L., New York, N. Y. Mold for casting copper.....	867,692	Oct. 8	705	197	130	1549
Antisell, Frank L., New York, N. Y. Wire-bar mold-core.....	867,693	Oct. 8	707	197	130	1549
Antisell, Frank L., New York, N. Y. Apparatus for refining copper.....	875,641	Dec. 31	6880	1436	131	2382
Antoine, Roubaud, Jersey City Heights, N. J. Mason's implement.....	852,991	May 7	1276	265	128	325
Antoni, Ernest J., Kansas City, Mo. Mattress-filling machine.....	867,936	Oct. 15	1099	310-14	130	1695
Antoni, Ernest J., Kansas City, Mo. Bed.....	869,766	Oct. 29	4032	1113	130	2646
Antoni, John F., Kansas City, Mo. Mop.....	868,748	Oct. 22	2442	676	130	2131
Antonovich, Christopher, St. Petersburg, Russia. Apparatus for pyritic smelting.....	861,693	July 30	5233	1437-8	129	1843
Antrobus, Charles, U. S. Navy. Turbine.....	845,675	Feb. 26	5869	1239-40	126	3365
Apgar, John T., New York, N. Y. Artificial leg.....	842,608	Jan. 29	5746	1214	126	1614
Apgar, John T., New York, N. Y. Artificial leg.....	842,609	Jan. 29	5747	1214	126	1614
App, Eva B., Moorestown, N. J. Swing.....	855,493	June 4	97	20	128	1719
Appel, Arthur, Philadelphia, Pa. Toy or advertising novelty.....	852,153	Apr. 30	6950	1451	127	3494
Appelhaus, John F., North Andover, Mass. Cabinet for talking-machine records.....	859,720	July 9	2165	584-5	129	753
Appell, Edward A., New York, N. Y. Apparatus for cooling or heating beer.....	856,015	June 4	1100	228	128	1972
Appell, Franklin J. (See Bates, John C., assignor.)						
Apple, Philip H., Laval, Wis. Scrubbing-machine.....	870,335	Nov. 5	734	197	131	241
Apple, Vincent G., Dayton, Ohio. Spark-timing device for ignition systems.....	847,876	Mar. 19	4347	953-4	127	1152
Apple, Vincent G., Dayton, Ohio. Machine for packing powdered or mastic material.....	851,791	Apr. 30	6184	1291-2	127	3300
Apple, Vincent G., Dayton, Ohio. Vehicle body and frame.....	868,749	Oct. 22	2443	676	130	2131
Apple, Vincent G., Dayton, Ohio, assignor to National Brake and Clutch Company, Boston, Mass. Friction device.....	856,563	June 11	2223	457	128	2290
Apple, Vincent G., Dayton, Ohio, assignor to Dayton Electrical Manufacturing Co. Centrifugal governor.....	868,750	Oct. 22	2444	676	130	2131
Appleby, Henry, London, and A. A. Gardner, Hanwell, England. Kettle for boiling water.....	845,993	Mar. 5	559	117	127	143
Appleby, James P. (See Wadsworth and Appleby.)						
Appleby, James P., Hopkins, Minn. Electrical switch.....	855,494	June 4	98	20	128	1719

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Appleby, John F., Chicago, Ill. Cotton-harvesting machine.	842,162	Jan. 29	4778	1020	126	1365
Appleby, John F., Chicago, Ill. Cotton-picking machine.	862,373	Aug. 6	433	119	129	2222
Appleby, John F., Chicago, Ill., assignor to Dixie Cotton Picker Company, Redfield, S. D. Cotton-picking machine.	865,984	Sept. 17	1930	540	130	664
Appleby, Joseph, Aston, England. Spinning-frame.	855,921	June 4	935	194	128	1930
Applegate, George F., Trenton, N. J. Eyeglasses or spectacles.	861,074	July 23	4257	1167	129	1497
Applegate, Howard, Long Branch, N. J. Trace-hook.	865,224	Sept. 3	707	201	130	213
Applegate, Hugh M., Unionville, Mo. Overcheck-runner and gag-holder.	842,992	Feb. 5	305	66	126	1866
Appleton, Albert I. (See Hoffmann and Appleton.)						
Appleton, Robert M., Boston, Mass. Undergarment.	854,865	May 28	5021	1044	128	1380
Appliance Manufacturing Company. (See Grandsen, William H., assignor.)						
Appliance Manufacturing Company. (See Schureman, Jacob L., assignor.)						
Apstein, David, Bridgeport, Conn. Pneumatic-tire plug. (Reissue).	12,645	May 7	1695	351	128	427
Apstein, David, Bridgeport, Conn. Garment-hook.	862,600	Aug. 6	848	226	129	2347
Apstein, David, Bridgeport, Conn. Puncture-closer.	868,242	Oct. 15	1600	453	130	1844
Apstein, David, Bridgeport, Conn. Puncture-closer.	868,243	Oct. 15	1602	454	130	1845
Apstein, David, Bridgeport, Conn. Puncture-closer.	873,337	Dec. 10	2143	447	131	1538
Apt, Richard, Berlin, Germany, assignor to General Electric Company. Electrical safety device.	855,440	June 4	3	1	128	1695
Aptekman, Lazaridas, London, England. Tobacco-cutting machine.	840,416	Jan. 1	1268	278	126	333
Arabol Manufacturing Company. (See Drittler, Frederick, assignor.)						
Arabol Manufacturing Company. (See Fischer, Ernst, assignor.)						
Arbeter Felling Machine Company. (See Arbeter, Wolf, assignor.)						
Arbetter, Wolf, Chelsea, assignor to Arbeter Felling Machine Company, Boston, Mass. Attachment for blindstitch sewing-machines.	840,600	Jan. 8	1648	362	126	465
Arbey, Charles A., Besançon, France. Progressive brake and clutch.	852,311	Apr. 30	7225	1517-18	127	3563
Arbey, Charles A., Besançon, assignor to La Continentale Fixator, Paris, France. Locking arrangement for nuts, screws, &c.	868,622	Oct. 15	2331	619	130	2041
Arble, Newton F., Pittsburg, Pa. Metallic railway-tie.	864,594	Aug. 27	3909	1084-5	129	3399
Arbogast, John I., Pittsburg, assignor of one-half to L. S. Brock, Beaver, seven and one-half one-hundredths to F. C. Park, and seven and one-half one-hundredths to H. L. Collins, Pittsburg, Pa. Amalgamating and annealing oven for wire-glass.	844,705	Feb. 19	3955	839	126	2844
Arbogast, John I., Pittsburg, assignor of one-half to L. S. Brock, Beaver, and fifteen one-hundredths to F. C. Park and H. L. Collins, Pittsburg, Pa. Producing wire-glass.	844,767	Feb. 19	4094	873	126	2881
Arbogast, John I., Pittsburg, assignor of one-half to L. S. Brock, Beaver, fifteen one-hundredths to F. C. Park and H. L. Collins, Pittsburg, Pa. Producing opalescent glass.	860,957	July 23	4076	1117	129	1442
Arburn, David F., Evansville, Ind. Polishing-machine.	856,331	June 11	1746	361-2	128	2169
Arburn, David F., Somerville, Ind. Polishing-machine.	865,557	Sept. 10	1263	358	130	413
Arcade Manufacturing Company. (See Bitner, Harry, assignor.)						
Arch, Charles. (See Arch, Nicholas and C.)						
Arch, Elizabeth, Council Bluffs, Iowa. Equalizing device for pumps.	864,146	Aug. 27	3193	883	129	3169
Arch, Nicholas and C., Nappanee, Ind. Crude-oil burner.	865,746	Sept. 10	1545	436	130	504
Archbold-Brady Company. (See Allen, Robert L., assignor.)						
Archer, Daniel W., Chicago, Ill. Apparatus for handling green corn, &c.	872,983	Dec. 3	1385	291-2	131	1385
Archer, Gleason L., Boston, Mass. Car-ventilator.	856,934	June 11	2899	607	128	2458
Archer Iron Works. (See Klemp, William F., assignor.)						
Archer, James W. (See Coventry and Archer.)						
Archer, Samuel B., Saratoga Springs, N. Y. Attaching an abrading-surface to metal.	842,993	Feb. 5	306	67	126	1866
Archer, William J., Brighton township, Beaver county, Pa. Filter.	851,194	Apr. 23	4966	1043	127	2963
Arco, Georg von, Berlin, Germany. Transmitter for wireless telegraphy.	851,336	Apr. 23	5266	1103	127	3039
Arcoren, John, Rosebud, S. D. Vehicle-seat lock.	865,152	Sept. 3	589	166	130	179
Arcouet, Edvard A., Chicago, Ill. Sand-blast apparatus.	845,919	Mar. 5	404	82	127	104
Arctander, Axel B., St. Paul, Minn. Window-screen.	871,661	Nov. 19	3162	784	131	884
Ard, William. (See Pruett and Ard.)						
Ardell, Robert, Stockholm, Sweden. Device for hauling cars.	865,849	Sept. 10	1726	480	130	572
Arden, Harry B., New York, N. Y. Chaining device.	846,383	Mar. 5	1313	290	127	333
Arden, Harry B., New York, N. Y. Digging apparatus.	854,395	May 21	4076	843	128	1113
Arden, Harry B., New York, N. Y. Conveyor.	855,425	May 28	6104	1276	128	1653
Arden, Henry, San Diego, Cal. Pyritic smelting.	860,512	July 16	3362	129	127	1175
Arden, Henry, San Diego, Cal. Smelting ores.	869,125	Oct. 22	3007	130	127	2306
Arden, Henry, Los Angeles, Cal. Smelting ores.	869,043	Oct. 22	2891	130	127	2270
Ardito, Victor, Hoboken, N. J. Cuspidor.	853,617	May 14	2521	523	128	681
Ardito, Victor, Hoboken, N. J. Cuspidor.	853,912	May 14	3136	642	128	835
Arduser, Christian, Cicero, Ind. Machine for cracking off glass articles.	859,721	July 9	2166	585	129	754
Arendt, Bruno F., and R. H. Moore, Spreckels, Cal., assignors to American Sugar Refining Company, Jersey City, N. J. Filter-press.	863,894	Aug. 20	2811	772	129	3025
Arents, Curt A., Copperopolis, Cal. Fly-catcher.	851,478	Apr. 23	5539	1160	127	3105
Arents, George, Jr., et al. (See Tyberg, Oluf, assignor.)						
Aretino Company. (See O'Neill, Arthur J., assignor.)						
Arey, Fred C., Chicago, Ill. Car-vestibule diaphragm.	875,642	Dec. 31	6881	1436	131	2383
Argall, Philip, Denver, Colo. Ore-distributor.	855,744	June 4	586	120-1	128	1846
Argall, Philip, Denver, Colo. Radial ore-distributor.	855,745	June 4	589	121	128	1847
Argenbright, David E. (See Forbes and Hogan, assignors.)						
Arit and Frick. (See Schwidewski, Paul, assignor.)						
Armac Motor Company. (See Keller, Edwin W., assignor.)						
Armac Motor Company. (See McCollum, Archibald J., assignor.)						
Armack, John B. (See Staggs and Armack.)						
Armat, Christopher, Washington, D. C. Garter.	862,957	Aug. 13	1389	378	129	2545
Armatage, Edwin H., and H. G. O. Lindsay, Eaton, Colo. Dumping-vehicle.	858,364	July 2	6	3	129	4
Armband, Abraham, New York, N. Y. Roller-skate.	862,431	Aug. 6	545	146	129	2259
Armbruster, William J., St. Louis, Mo. Pigment and making same.	841,303	Jan. 15	3053	126	126	863
Armbruster, William J., St. Louis, Mo. Building-block machine.	856,383	June 11	1877	387-8	128	2205
Armbruster, William J., St. Louis, Mo. Chlorination-barrel.	856,384	June 11	1881	388	128	2206
Armstrong, George A., Wickliffe, Ohio. Safety-brake for hoisting devices.	871,552	Nov. 19	2972	742	131	851
Armistead, Patrick H. (See Russell and Armistead.)						
Armitage, Albert, Fairport, and W. P. Thistlethwaite, Macedon, assignor to Ontario Drill Company, Despatch, N. Y. Grain-drill.	871,770	Nov. 26	3387	832-3	131	950
Armitage, Albert A., assignor of one-half to M. W. Chappell, Kenesaw, Nebr. Screen-door.	864,059	Aug. 20	3043	841	129	3095
Armitage, Annie M. (See Armitage, Henry E., assignor.)						
Armitage, Henry E., Prescott, Ariz. Tex., assignor to A. M. Armitage. Oil-burner.	854,553	May 21	4372	906	128	1185
Armitage-Herschell Company. (See Armitage, James W., assignor.)						
Armitage, Homer C., Kenesaw, Nebr. Stovepipe-retaining device.	865,850	Sept. 10	1727	481	130	572
Armitage, James W., assignor to Armitage-Herschell Company, North Tonawanda, N. Y. Brace for roundabouts.	850,411	Apr. 16	3444	722	127	2542

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Armitage, James W., North Tonawanda, N. Y., assignor of one-half to J. D. Guinn, Washington, Pa. Amusement apparatus.	863,133	Aug. 13	1675	449	129	2637
Armored Concrete Construction Company of Baltimore City. (See Barré, Ferdinand, assignor.)						
Armour & Company. (See Smith, Carlton L., assignor.)						
Armour Packing Company. (See Bright, Frederick W., assignor.)						
Armspear Manufacturing Company. (See Spear, Furman D., assignor.)						
Armstrong, Adam. (See Dougherty and Armstrong.)						
Armstrong, Alfred F., Detroit, Mich., assignor to Armstrong-Wilcke Company. Ticket-case.	861,245	July 30	4523	1237	129	1617
Armstrong, Carter E., Cincinnati, Ohio. Spark-arrester.	863,895	Aug. 20	2812	772	129	3025
Armstrong, Charles C., Marysville, Ohio. Shoulder-brace.	840,895	Jan. 8	2221	488-9	126	608
Armstrong Cork Company. (See Busch, Herman F., assignor.)						
Armstrong Cork Company. (See Irwin, Oscar, assignor.)						
Armstrong, Daniel F., Mallorytown, Ontario, Canada. Vehicle carpet-holding spring.	865,851	Sept. 10	1728	481	130	572
Armstrong, Ellsworth, Collingdale, Pa. Dental matrix.	844,079	Feb. 12	2415	517	126	2429
Armstrong, Ernest, Woodbury, assignor to Twin Lubricator Company, Camden, N. J. Axle-lubricating device.	872,984	Dec. 3	1388	292	131	1386
Armstrong, George F., Jr., North Wales, Pa. Truck-wheel.	869,767	Oct. 29	4034	1114	130	2646
Armstrong, Hamilton, <i>et al.</i> (See Canfield, Frank, assignor.)						
Armstrong, Henry, Rochester, N. Y. Brick-machine.	846,277	Mar. 5	1108	240-1	127	281
Armstrong, James R., assignor of one-third to W. H. Irvin, Pittsburg, Pa. Gas-meter.	875,485	Dec. 31	6476	1353	131	2332
Armstrong, James T., and A. Orling, London, England. Electrocapillary apparatus.	844,080	Feb. 12	2416	518	126	2430
Armstrong, James T., and A. Orling, London, England. Electrocapillary detector and recording apparatus.	848,083	Mar. 26	4786	1044	127	1295
Armstrong, James W. (See Dougherty and Armstrong.)						
Armstrong, John A., Westcombe Park, England. Mechanical apparatus for playing keyboard musical instruments.	842,374	Jan. 29	5240	1111	126	1486
Armstrong, John H. (See Parsons and Armstrong.)						
Armstrong, Martin, and A. A. Coup, St. Louis, Mo. Explosive toy.	857,008	June 18	3051	643	128	2537
Armstrong, Robert A., Avonmore, Ontario, Canada. Flow.	854,921	May 28	5141	1070	128	1413
Armstrong, Robert F., Freeport, Ohio. Vehicle-brake.	850,284	Apr. 16	3200	667	127	2477
Armstrong, Thomas, Saranac, N. Y. Whip-socket.	841,479	Jan. 15	3392	732	126	952
Armstrong, Walter, <i>et al.</i> (See Wissler, Jacob, assignor.)						
Armstrong, Walter, Chicopee, Mass. Engraving-machine.	841,656	Jan. 22	3733	810-11	126	1071
Armstrong, Wilcke Company. (See Armstrong, Alfred F., assignor.)						
Armstrong, William D., assignor to Animal Trap Company, Abingdon, Ill. Animal-trap.	842,610	Jan. 29	5749	1215	126	1615
Armstrong, William D., W. C. Hooker, and K. R. Marks, Abingdon, Ill. Gopher-trap.	872,041	Nov. 26	4019	964	131	1041
Armstrong, William H., Lima, Ohio. Truck.	843,570	Feb. 12	1483	313	126	2197
Armstrong, William J., Paterson, N. J. Chair with extensible foot-rest.	868,633	Oct. 22	2257	625	130	2074
Armstrong, William J., Paterson, N. J. Yielding checkrein device.	868,833	Oct. 22	2572	709	130	2170
Arnavat, Luis, A. Mendez, and J. B. Fernandez, assignors of one-tenth to J. Riera, Tampa, Fla. Non-refillable bottle.	866,252	Sept. 17	2319	647	130	786
Arndt, Frederick J. (See Grass, Cook, Fletcher, and Arndt.)						
Arndt, Frederick J., assignor to American Bank Protection Co., Minneapolis, Minn. Electric time-alarm.	871,553	Nov. 19	2975	742	131	851
Arndt, Henry, Brooklyn, N. Y. Safety-stirrup release for saddles.	869,540	Oct. 29	3674	1007	130	2539
Arndt, William. (See Lauber, William, assignor.)						
Arney, John W., Menominee, Mich. Combination merry-go-round and teeter.	847,997	Mar. 26	4652	1014	127	1262
Arney, Sidney E., Roswell, N. Mex. Ter. Saw filing and setting machine.	865,225	Sept. 3	708	201	130	214
Arney, Sidney E., Roswell, N. Mex. Ter. Saw-setting machine.	865,325	Sept. 3	866	249	130	263
Arno, Riccardo, Milan, Italy. Electric meter.	855,220	May 28	5742	1196	128	1563
Arnold, Addison, assignor to J. W. Conway, Charlotte, N. C. Means for tacking on card-clothing.	862,374	Aug. 6	434	119	129	2222
Arnold, Charles E., Brunswick, Ga. Apparatus for cleaning ships.	851,111	Apr. 23	4789	1007	127	2919
Arnold, Charles E., assignor of one-fourth to W. Coyne, Wilmington, Del. Cooling coke.	842,747	Jan. 29	6069	1279	126	1693
Arnold, Charles H., New London, Ohio. Knuckle-joint.	847,719	Mar. 19	4022	879	127	1075
Arnold, Charles N., Chaumont, N. Y. Hay-press.	858,849	July 2	855	222-3	129	295
Arnold, Charles P. (See Jones, Thomas E., assignor.)						
Arnold, Craig R., Philadelphia, Pa. Apparatus for extracting metals from their ores.	849,087	Apr. 2	963	196	127	1833
Arnold, Edgar L., Alexandria, Minn. Steam-boiler.	866,834	Sept. 24	3194	898	130	1097
Arnold, Edwin E., Wilksburg, Pa., assignor to Westinghouse Machine Company. Rail-traversing truck.	870,213	Nov. 5	533	145	131	174
Arnold, Engelbert, Karlsruhe, Germany, and J. L. La Cour, Edinburgh, Scotland. Commutation of currents in armatures of dynamos.	842,163	Jan. 29	4780	1020	126	1366
Arnold, Engelbert, Karlsruhe, Germany, and J. L. La Cour, Edinburgh, Scotland. Arrangement for regulation of speed of compensated single-phase motors.	843,731	Feb. 12	1775	378-9	126	2273
Arnold, Engelbert, Karlsruhe, Germany, and J. L. La Cour, Edinburgh, Scotland. Single-phase alternating-current motor with commutating-poles.	853,491	May 14	2261	469	128	614
Arnold-Forster, William H., Burley in Wharfedale, England. Apparatus for doffing spools from the spindles of fly-frames.	869,044	Oct. 22	2893	798-9	130	2271
Arnold, Frederick H., Reading, Pa. Safety-razor.	840,101	Jan. 1	617	134	126	163
Arnold, Frederick H., Reading, Pa. Safety-razor.	840,735	Jan. 8	1909	420	126	531
Arnold, Frederick H., Reading, Pa. Safety-razor.	841,304	Jan. 15	3056	661	126	864
Arnold, Frederick H., Reading, Pa. Safety-razor.	841,916	Jan. 22	4274	921	126	1208
Arnold, Frederick H., Reading, Pa. Safety-razor.	842,510	Jan. 29	5544	1173	126	1565
Arnold, Frederick H., Reading, Pa. Safety-razor.	843,059	Feb. 5	433	94	126	1903
Arnold, Frederick H., Reading, Pa. Safety-razor.	843,923	Feb. 12	2142	457	126	2364
Arnold, Frederick H., and E. D. Becker, Reading, Pa.; said Becker assignor to said Arnold. Safety-razor.	845,389	Feb. 26	5318	1128	126	3229
Arnold, Frederick H., and E. D. Becker, Reading, Pa.; said Becker assignor to said Arnold. Safety-razor.	865,747	Sept. 10	1546	436	130	504
Arnold, Harry C. (See Short, Willard A., assignor.)						
Arnold, Hunter, <i>et al.</i> (See Ladd, Earnest W., assignor.)						
Arnold, James E., Grand View, Ind. Reversing valve mechanism.	849,523	Apr. 9	1819	369	127	2088
Arnold, Jesse E., Hico, Tex. Harrow.	857,711	June 25	4413	932	128	2914
Arnold, John L., Canton, Ohio. Extension-table lock.	852,011	Apr. 30	6656	1386	127	3419
Arnold, John W., Atlanta, Ga. Floor-plane.	868,151	Oct. 15	1459	411	130	1803
Arnold, Otto, Jr., Magdeburg-Buckau, Germany. Pressure-gage.	840,896	Jan. 8	2222	469	126	609
Arnold, Paul, Grossenhain, Germany. Apparatus for punching, dampening, and affixing stamps.	840,736	Jan. 8	1910	420-1	126	531
Arnold, Philip C., assignor to Bevin Brothers Manufacturing Company, East Hampton, Conn. Bell.	840,417	Jan. 1	1270	278	126	333
Arnold, Philip C., assignor to Bevin Brothers Manufacturing Company, East Hampton, Conn. Bell.	856,995	June 11	3020	635	128	2491

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Arnold, Samuel S., Toronto, Ontario, Canada. Hinge.....	873,704	Dec. 17	2847	606	131	1694
Arnold, Thomas E., Port Clinton, Ohio. Display-rack.....	849,589	Apr. 9	1940	397	127	2117
Arnold, Whiting, Mandarin, Fla. Boat-propelling device.....	870,758	Nov. 12	1417	384	131	491
Arnold, Wilber E., Madisonville, assignor to Victor Safe & Lock Co., Cincinnati, Ohio. Vault.....	840,680	Jan. 8	1785	394	126	500
Arnold, Willard M., Dallas, Tex. Combined cotton chopper and cultivator.....	861,569	July 30	5051	1386-7	129	1788
Arnold, William A., Paterson, N. J. Reel.....	866,613	Sept. 24	2848	803	130	985
Arnold, William B. (See Dunn, George F., assignor.)						
Arnold, William F., Oakland, Cal. Carpenter's plane.....	840,418	Jan. 1	1272	279	126	334
Arnold, William H., Brooklyn, N. Y. Pivotal head for hoisting apparatus.....	875,563	Dec. 31	6614	1383	131	2355
Arnold, William S., San Francisco, Cal. Protecting shield or guard for pneumatic tires.....	873,919	Dec. 17	3283	701	131	1764
Arnot, John Y., Oakland, Cal. Combined refrigerator and filter.....	856,508	June 11	2103	432	128	2261
Arnott, Eugene L. (See Arnott, John S. and E. L.)						
Arnott, John S. and E. L., Greenfield, Ohio. Pneumatic oil-can.....	864,284	Aug. 27	3395	944	129	3232
Arnsen, Arn. (See Arnsen, Richard, G., and A.)						
Arnsen, Gothard. (See Arnsen, Richard, G., and A.)						
Arnsen, Richard, G., and A., Escanaba, Mich. Building-block.....	863,493	Aug. 13	2199	595	129	2801
Arnsen, Ludwig, New York, N. Y. Receiving apparatus for wireless telegraphy.....	857,375	June 18	3753	794-5	128	2716
Arnst, Emil, assignor to Firm of Benrather Maschinenfabrik Actiengesellschaft, Benrath, near Düsseldorf, Germany. Automatically-operated shovel.....	843,786	Feb. 12	1869	399	126	2296
Arnt-Gill Company. (See Arnt, Herald P., assignor.)						
Arnt, Herald P., Chicago, Ill., assignor to Arnt-Gill Company. Table.....	859,907	July 16	2451	667	129	877
Aron, Hermann, Charlottenburg, Germany. Counting mechanism.....	875,037	Dec. 31	5610	1171	131	2189
Aronhalt, James C., Kansas City, Mo. Rocking-chair.....	843,060	Feb. 5	434	94	126	1903
Aronowitz, Joseph, Cambridge, England. Apparatus for packing packet goods by hand.....	848,952	Apr. 2	691	139	127	1764
Aronsohn, Harry. (See Bloom, Edward, assignor.)						
Aronson, Frank, Evanston, Ill. Resistance-box for electrical measurements.....	852,536	May 7	312	57	128	85
Aronson, Harris, et al. (See Wolfenden, Knutson, and Larsen, assignors.)						
Arquebourg, Henri. (See Grouvelie and Arquebourg.)						
Arrosmith, George, Terre Haute, Ind. Oil-pump.....	865,558	Sept. 10	1264	358	130	413
Arrouquier, Fredrick E., Westbrook, Me., assignor, by mesne assignments, to Goodall Matting Company. Straw matting.....	842,053	Jan. 22	4533	975	126	1270
Arrowsmith, James W., Morristown, N. J. Shoe-sole support.....	873,001	Dec. 10	1462	304	131	1427
Art Metal Construction Company. (See Sampson, Erick G., assignor.)						
Arter, Alpheus, Lisbon, Ohio. Plow attachment.....	850,717	Apr. 16	4051	847	127	2695
Arter, Alpheus, Lisbon, Ohio. Hay-loader.....	856,833	June 11	2719	563	128	2417
Arterburn, W. N. (See Fay, Alpheus, assignor.)						
Arthur, Daniel, New York, N. Y. Hoisting-machine.....	857,972	June 25	4958	1048	128	3051
Arthur, Edwin F., trustee, et al. (See Canfield, Frank, assignor.)						
Arthur, James B., Pittsburg, Pa. Cracker-box.....	844,706	Feb. 19	3956	839	126	2844
Arthur, James B., Pittsburg, Pa. Tray.....	847,147	Mar. 12	2844	628	127	749
Arthur, Walter A., Manchester, N. H. Break-arm for electric wiring.....	865,473	Sept. 10	1112	317	130	367
Arthur, William, Newark, N. J. Watchmaker's tool.....	851,854	Apr. 30	6327	1320	127	3338
Artista Piano Player Company. (See Warren, Charles, assignor.)						
Artz, Frederick. (See Watson and Artz.)						
Artz, John D., Dayton, Ohio. Vehicle-body.....	842,511	Jan. 29	5545	1173	126	1565
Arvedson, George F., Carpentersville, Ill. Bill file and cabinet.....	858,365	July 2	7	3	129	5
Asbestos Wood Company. (See Norton, Charles L., assignor.)						
Asbury, Harry E., Philadelphia, Pa. Means for attaching license-tags to vehicles.....	859,722	July 9	2168	586	129	754
Aschbrenner, Frank G., Stratford, Wis. Can-opener.....	857,009	June 18	3052	643	128	2537
Aschburner, Fredrick C., Chicago, Ill. Vibrator for massage purposes.....	859,424	July 9	1721	458	129	611
Ascue, Elbert, Blum, assignor of one-third to R. H. Crank, Cleburne, Tex. Sewing device.....	847,452	Mar. 19	3477	761	127	935
Ascue, William H., Kiowa, Kans. Grain-door.....	873,115	Dec. 10	1699	354-5	131	1466
Aseptic Drinking-Cup Company. (See Potter, Harry J., assignor.)						
Aseptic Drinking Cup Company. (See Shea, John J., assignor.) (Reissue.)						
Ash, Charles S. (See Best, Ash, and Samson.)						
Ash, Charles F., assignor of one-half to A. Klopff, Louisville, Ky. Door-holder.....	844,081	Feb. 12	2418	518	126	2430
Ash, Hugo. (See Langdon and Carlson, assignors.)						
Ash, James G., Manchester, Iowa. Post and molding-machine.....	852,049	Apr. 30	6760	1406	127	3447
Ash, William H., Bay Shore, N. Y. Gas-engine.....	850,718	Apr. 16	4052	847	127	2695
Ash, William H., Bay Shore, N. Y. Funnel.....	868,394	Oct. 15	1859	521	130	1922
Ashbaugh, James W., Bremen, Ohio. Valve.....	852,591	May 7	445	82	128	118
Ashcraft, James V., Hazel Hurst, Pa. Miter-joint fastener.....	862,786	Aug. 6	1121	304	129	2426
Ashe, Fred M. (See Bailor and Ashe.)						
Ashe, Paul, Berlin, Germany. Machine for assembling leaves.....	846,716	Mar. 12	1998	440	127	537
Ashenberg, Herman H., Peoria, Ill. Bung-starter.....	873,116	Dec. 10	1700	355	131	1466
Ashford, Snowden, Washington, D. C. Alarm for fire-escapes.....	849,651	Apr. 9	2048	420	127	2145
Ashford, Snowden, Washington, D. C. Alarm for fire-escapes.....	864,878	Sept. 3	182	52	130	57
Ashford, Snowden, Washington, D. C. Fire-escape.....	867,092	Sept. 24	3594	1019	130	1219
Ashinhurst, William K., Bibb, Tex. Vehicle-brake.....	842,512	Jan. 29	5548	1174	126	1566
Ashley, Burton J., Chicago, Ill. Apparatus for sewage disposal.....	848,279	Mar. 26	5141	1121-2	127	1387
Ashley, Edward E., New York, N. Y. Automatic door-closer for elevator-shafts.....	855,376	May 28	6016	1256	128	1634
Ashley, Frank M. (See Boos, August, assignor.)						
Ashley, Frank M., et al. (See Cadwell, Edwin B., assignor.)						
Ashley, Frank M., New York, N. Y. Inkstand.....	853,213	May 14	1714	355	128	466
Ashley, Frank M., assignor of one-half to A. T. Scharps, New York, N. Y. Pencil-holder.....	846,442	Mar. 12	1460	325	127	399
Ashley, Freeland B., Kansas City, Mo. Aerial vessel.....	872,778	Dec. 3	959	200	131	1319
Ashley, Robert W., New York, N. Y. Mail-chute.....	854,866	May 28	5023	1044	128	1381
Ashley, William, and E. J. Huling, Trinidad, Colo. Drier.....	863,830	Aug. 20	2706	746-7	129	2992
Ashling, William. (See Parkhurst and Ashling.)						
Ashman, Hill M. (See Marvell and Ashman.)						
Ashman, Lewis C., et al. (See Shutz and Kirkman, assignors.)						
Ashmead, Charles R., Nevada, Mo. Strainer.....	853,052	May 7	1392	290	128	354
Ashmore, William M., near Rara Avis, Miss. Cultivator.....	851,727	Apr. 30	6069	1268	127	3270
Ashton, Orrell, Lawrence, Mass. Feeding mechanism.....	873,338	Dec. 10	2145	447-8	131	1538
Ashurst, Joseph, Chicago, Ill. Trolley.....	865,474	Sept. 10	1114	317	130	367
Ashworth, Edmund S. (See Purdy, Edward R., assignor.)						
Ashworth, James S., East St. Louis, Ill. Brake-shoe adjuster.....	845,504	Feb. 26	5539	1174	126	3284
Ashworth, Lewis J., Huntington, W. Va. Drain-valve.....	842,375	Jan. 29	5242	1112	126	1487
Asimont, Herman H., Snohomish, Wash. Broom-shield.....	842,376	Jan. 29	5243	1112	126	1487
Askensay, Paul, and L. Stockem, Nuremberg, assignors to Elektrochemische Werke, Gesellschaft M. B. H., Berlin, Germany. Producing calcium hydrid.....	857,146	June 18	3322	128	2607

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Askins, Joseph, Lima, Ohio. Belt.....	875,486	Dec. 31	6478	1353	131	2332
Asleson, Erick, Chatfield, Minn. Device for preventing flax-straw from winding about beaters.....	852,488	May 7	204	37	128	59
Asmann, Oscar J. (See Clegg and Asmann.)						
Asmus, William G., Cleveland, Ohio. Automatic fire-extinguisher.....	873,651	Dec. 10	2737	580	131	1642
Aspenleiter, John. (See Wrigley and Aspenleiter.)						
Aspinwall, Lewis A., assignor to Aspinwall Manufacturing Company, Jackson, Mich. Clutch device for agricultural machines.....	852,921	May 7	1136	234	128	289
Aspinwall, Lewis A., assignor to Aspinwall Manufacturing Company, Jackson, Mich. Liquid-sprayer.....	864,501	Aug. 27	3726	1037-8	129	3341
Aspinwall, Lewis A., assignor to Aspinwall Manufacturing Company, Jackson, Mich. Potato-planter.....	864,595	Aug. 27	3910	1085	129	3395
Aspinwall, Lewis A., assignor to Aspinwall Manufacturing Co., Jackson, Mich. Agricultural implement.....	872,316	Nov. 26	4554	1078	131	1129
Aspinwall, Louis M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system.....	869,824	Oct. 29	4118	1137	130	2671
Aspinwall, Louis M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system for electric motors.....	873,284	Dec. 10	2012	421-2	131	1519
Aspinwall Manufacturing Company. (See Aspinwall, Lewis A., assignor.)						
Asplund, Charles F., Minneapolis, Minn. Bag-holding device.....	863,963	Aug. 20	2908	801	129	3054
Asquith, Stead A., Waterloo, Iowa. Spectacle-clamp.....	873,002	Dec. 10	1464	304	131	1427
Assen, Michael, and F. P. Elkmann, Jr., St. Louis, Mo. Guide-casing for boiler-tube cleaners.....	841,917	Jan. 22	4275	921	126	1208
Assenbeck, Frank. (See Davies, George W., assignor.)						
Associated Portland Cement Manufacturers (1900). (See Whiteman, Edward W., assignor.)						
Assorati, Antenor, New York, N. Y. Window.....	844,229	Feb. 12	2722	581	126	2509
Assorati, Antenor, New York, N. Y. Corset.....	865,852	Sept. 10	1729	481	130	573
Astfack, Wiland, Tegel, near Berlin, Germany. Press for forming tubes, &c.....	847,635	Mar. 19	3861	844	127	1035
Astfack, Wiland, Tegel, near Berlin, Germany. Hydraulic press.....	860,958	July 23	4077	1117	129	1443
Astfack, Wiland, Tegel, near Berlin, Germany. Hydraulic press.....	871,078	Nov. 12	1912	524	131	648
Aston, William H., Windsor, Ontario, Canada, and W. W. Morrison, Detroit, Mich. Sharpening-tool for lawn-mowers.....	851,053	Apr. 23	4685	985	127	2895
Astorgis, Louis J. C., Le Parc St.-Maur, France. Safety-razor.....	861,422	July 30	4834	1326	129	1720
Astrom, Carl P., Orange, N. J., assignor to M. H. Treadwell & Co. Motor-operated dumping-car. (Reissue).....	12,714	Nov. 5	1033	282	131	333
Astrom, John, Milwaukee, Wis. Apparatus for the production of vibrations.....	870,074	Nov. 5	310	86	131	105
Aszman, Edward C., assignor to W. A. Winter, Cincinnati, Ohio. Calipering-machine.....	862,126	Aug. 6	8	3	129	2083
Atcheson, Robert H. (See Eukers and Atcheson.)						
Atchison, Fred E. (See Choate, Charles N., assignor.)						
Atchison, Thomas N., et al. (See Woodall, Robert B., assignor.)						
Atchisson, Harvey, et al. (See Anderson, Edward L., assignor.)						
Atha Tool Company. (See Phelps, Frederick A., assignor.)						
Athanasiades, Estrate J., New York, N. Y. Bar-soap cutter.....	846,974	Mar. 12	2527	557	127	672
Athearn, William E., New York, N. Y., assignor to American Telephone and Telegraph Company. Telegraph-relay.....	840,987	Jan. 8	2392	524	126	651
Atherton, Charles T., assignor to Atherton Spinning Ring Company, Providence, R. I. Ring for spinning machinery.....	873,493	Dec. 10	2405	506	131	1586
Atherton, Edmond F., Cleveland, Ohio. Automatic bucket.....	872,634	Dec. 3	664	138	131	1272
Atherton, Frederick L., Paterson, N. J. Blocking-machine.....	863,344	Aug. 13	1991	536	129	2737
Atherton, Herbert W. (See Atherton, Katie B. and H. W.)						
Atherton, James P., and C. E. Rice, Livermore, Ky. Tobacco-hiller.....	869,126	Oct. 22	3009	831	130	2306
Atherton, Katie B. and H. W., Holyoke, Mass. Milliner's table.....	842,748	Jan. 29	6071	1279	126	1693
Atherton Spinning Ring Company. (See Atherton, Charles T., assignor.)						
Atherton, Walter C., Milwaukee, Wis. Window-shade fixture.....	872,322	Dec. 3	7	1	131	1170
Athons, Joseph H., assignor to J. L. Pike, Los Angeles, Cal. Vehicle-spring.....	863,565	Aug. 13	2296	628	129	2829
Atkins, Carl, San Francisco, Cal. Drive-shaft connection.....	870,923	Nov. 12	1677	461	131	576
Atkins, Charles H., Springfield, Mass. Cloth-take-up mechanism for looms.....	858,052	June 25	5133	1085-6	128	3095
Atkins, Charles H., Springfield, Mass. Harness-motion for looms.....	858,136	June 25	5298	1126	128	3137
Atkins, Charles H., Springfield, Mass. Loom-shuttle and bobbins-tensioning means therefor.....	858,137	June 25	5301	1126-7	128	3137
Atkins, Charles H., Springfield, Mass. Warp-let-off mechanism for looms.....	858,138	June 25	5303	1127-8	128	3138
Atkins, Charles H., Springfield, Mass. Warp stop-motion for wire-weaving looms.....	858,139	June 25	5306	1128	128	3139
Atkins, Charles H., Springfield, Mass. Steam-joint.....	859,035	July 2	1129	301-2	129	383
Atkins, Charles H., Springfield, Mass. Vibrating device.....	859,866	July 9	2381	648-9	129	823
Atkins, William, Auburn, N. Y. Dump-wagon.....	871,771	Nov. 26	3390	833	131	950
Atkins, William, assignor of two-thirds to A. W. MacRae, St. John, New Brunswick, Canada. Nut-lock.....	857,573	June 25	4151	879	128	2845
Atkinson, Charles E., assignor of two-thirds to J. M. Lontz and A. Gordon, Richmond, Ind. Means for removing ice from trolley-wires.....	860,072	July 16	2718	740	129	964
Atkinson, Charles E., assignor of two-thirds to J. M. Lontz and A. Gordon, Richmond, Ind. Trolley-harp.....	860,114	July 16	2767	755	129	978
Atkinson, Claude W., Beckenham, England. Electric meter.....	847,540	Mar. 19	3644	803	127	981
Atkinson, Cyril J., Milwaukee, Wis., assignor to International Harvester Company. Gas-producer.....	841,100	Jan. 15	2663	582	126	766
Atkinson, Cyril J., Milwaukee, Wis., assignor to International Harvester Company. Gas-producer.....	843,787	Feb. 12	1870	399	126	2296
Atkinson, Helen, Boston, Mass. Hook and eye.....	847,271	Mar. 12	3097	682	127	811
Atkinson, Henry T., Oakland, Cal. Window.....	864,749	Aug. 27	4146	1151	129	3466
Atkinson, Robert F. (See Denio, William L., assignor.)						
Atkinson, Howard, Falling Springs, W. Va. Automatic opening and closing device for water-closet bowls.....	864,118	Aug. 20	3133	867	129	3122
Atkinson, Leslie V., Carshalton, England. Treating refractory ores.....	841,657	Jan. 22	3736	811	126	1072
Atkinson, Llewelyn B., London, England. Apparatus for measuring the flow of fluids.....	868,152	Oct. 15	1460	411	130	1803
Atkinson, M. C. (See Warren, Philander F., assignor.)						
Atkinson, Mentzer & Grover. (See Taylor, John L., assignor.)						
Atkinson, Richard E., Iamonia, Fla., and T. A. Teate, assignors of one-third to R. H. Neel, Thomasville, Ga. Potato-slicer.....	843,427	Feb. 5	1162	244	126	2082
Atkinson, Robert E. (See Pulsford, Frederick C., assignor.)						
Atkinson, Robert E., Leicester, England. Regulator.....	869,612	Oct. 29	3804	1040	130	2580
Atkinson, William, and J. Smith, Bradford, England. Enameling or glazing metallic or other surfaces.....	843,985	Feb. 12	2246	.....	126	2390
Atkinson, William R., New York, N. Y. Electric switch-box.....	855,550	June 4	209	40	128	1749
Atkison, John W., Pana, Ill. Loading apparatus.....	850,083	Apr. 9	2814	590	127	2337

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Atlanta Horse Collar Company. (See Estes, William B., assignor.)						
Atlanta Utility Works. (See Lyle, Daniel C., assignor.)						
Atlantic Coast Amusement Company. (See Hafner, Frederick J., assignor.)						
Atlantic Rubber Shoe Company. (See Doughty, Henry J., assignor.)						
Atlantis Fountain Pen Company. (See Moore, Morris W., assignor.)						
Atlas Slack Adjuster Company. (See Parker-Smith, Augustus, assignor.)						
Atlas Slack Adjuster Company. (See Sauvage, William H., assignor.)						
Atlas Tack Company. (See Giles and Tobey, assignors.)						
Atmore, Robert M., Cimarron, N. Mex. Ter. Nut-wrench.	849,356	Apr. 9	1479	300-1	127	1999
Aton, Rue, Independence, Kans. Vehicle-brace.	847,224	Mar. 12	3005	663	127	789
Attanasio, Sylvie, New York, N. Y. Shaving-cup.	853,751	May 14	2803	576	128	753
Attenborough, Alfred, assignor to Blakesley Novelty Company, Bristol, Conn. Braid- ing-machine.	861,694	July 30	5234	1438-40	129	1843
Atterholt, Oliver S., Jermyn, Pa. Lamp.	858,251	June 25	5503	1175	128	3190
Atterholt, Oliver S., Jermyn, Pa. Bowl.	858,252	June 25	5504	1175	128	3190
Attleboro Manufacturing Company. (See Wilde, Eben F., assignor.)						
Attlesley, William, Cincinnati, Ohio. Head for shower-baths, &c.	870,924	Nov. 12	1678	462	131	576
Atwater, Harry E., Champlain, N. Y. Sparking mechanism for gasoline-engines.	849,716	Apr. 9	2158	444	127	7172
Atwell, Ernest T., assignor to J. F. Adams, Kansas City, Mo. Collar-button.	869,405	Oct. 29	3457	949	130	2473
Atwell, Samuel S. (See Christy, William W., assignor.)						
Atwood, Eugene, Stonington, Conn. Combined winding bobbin and spindle.	861,075	July 23	4259	1167	129	1498
Atwood, Eugene, assignor to Atwood-Morrison Company, Stonington, Conn. Bobbin.	851,211	Apr. 23	5003	1052	127	2972
Atwood, Frank G., New Haven, Conn. Veterinary operating-table.	871,023	Nov. 12	1837	502	131	624
Atwood, George F., Wakefield, Mass. Boat-propeller.	840,548	Jan. 8	1539	339	126	438
Atwood, George F., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Winding-machine.	841,305	Jan. 15	3057	662	126	864
Atwood, George F., East Orange, N. J., assignor to Western Electric Company, Chi- cago, Ill. Telephone set.	847,305	Mar. 19	3160	695-6	127	856
Atwood, George F., East Orange, N. J., assignor to Western Electric Company, Chicago, Ill. Signaling apparatus.	842,377	Jan. 29	5244	1112-13	126	1487
Atwood, James F., Claremont, N. H. Garment-supporting clasp.	864,285	Aug. 27	3397	944	129	3233
Atwood, James F., Claremont, N. H. Garment-supporting clasp.	874,820	Dec. 24	5124	1080	131	2092
Atwood, James T. (See Hanks and Atwood.)						
Atwood, Leonard, assignor of one-fourth to J. M. O. Hewitt, Philadelphia, Pa. Fishing- reel.	869,406	Oct. 29	3458	950	130	2474
Atwood, Leonard, assignor of one-fourth to J. M. O. Hewitt, Philadelphia, Pa. Fishing- reel.	869,474	Oct. 29	3571	979	1 0	2508
Atwood-Morrison Company. (See Atwood, Eugene, assignor.)						
Atwood-Morrison Company. (See Bradley, Edward E., assignor.)						
Atwood, William S., Montreal, Quebec, Canada, assignor to Simplex Railway Appliance Company, Hammond, Ind. Adjustable locking device.	849,183	Apr. 2	1152	233	127	1883
Aubé, Octave, and L. M. Tremblay, assignors of one-third to J. A. O. Labadie and O. Papineau, Montreal, Quebec, Canada. Smoke-consumer.	841,918	Jan. 22	4277	921-2	126	1209
Auble, James H., assignor of two-thirds to J. J. McDonald and J. H. Bromwell, Cincinnati, Ohio. Lawn-mowing machine.	863,576	Aug. 20	2320	635-6	129	2865
Auble, James H., Cincinnati, assignor of two-thirds to J. H. Bromwell, Wyoming, and J. J. McDonald, Cincinnati, Ohio. Conveyor for lawn-mowing machines.	865,748	Sept. 10	1547	436	130	504
Aubrey, Albert J., Hopkinton, Mass. Firearm.	859,477	July 9	1792	481	129	635
Aubuchon, Napoleon, assignor to J. H. Muir, St. Louis, Mo. Window-scaffold.	869,127	Oct. 22	3009	831	130	2306
Auchly, Albert, Montgomery City, Mo. Table.	868,153	Oct. 15	1461	411	130	1803
Auchmutz, Benjamin F., et al. (See Bostley, Augustus H., assignor.)						
Auchu, Henry, Emporium, Pa. Casing-head.	858,321	June 25	5621	1205	128	3218
Auchu, Henry, Emporium, Pa. Metal-coated spigot.	867,780	Oct. 8	838	239	130	1590
Auchu, Henry, Emporium, Pa. Gas-condenser.	871,749	Nov. 19	3322	820	131	911
Auclair, James E., assignor to Novelty Incandescent Lamp Company, St. Marys, Pa. Advertising and illuminating device.	867,564	Oct. 8	519	149	130	1491
Audley, Francis H., assignor to F. J. Audley and B. Schlesinger, New York, N. Y. Whip.	857,511	June 18	4013	854	128	2781
Audley, Francis J., et al. (See Audley, Francis H., assignor.)						
Audouin, Edouard M., administrator. (See Audouin, Louis J.)						
Audouin, Louis J., deceased; E. M. Audouin, administrator, Poitiers, France. Means for causing an automatic scouring action for the removal of silt from river-beds and waterways.	875,487	Dec. 31	6479	1353	131	2332
Aue, Joseph E., assignor to De La Vergne Machine Company, New York, N. Y. Regu- lating apparatus for internal-combustion engines.	867,565	Oct. 8	520	149-50	130	1491
Auel, Carl B., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Centrifugal switching device.	862,127	Aug. 6	10	3	129	2063
Auerbach, Hans, Dresden, Germany. Boiler-tube joint.	860,008	July 16	2624	713	129	933
Aufrechtig, Charles G., St. Louis, Mo. Combined fork, spoon, knife, and can-opener.	849,098	Apr. 2	965	197	127	1833
Aufrechtig, Alois, St. Louis, Mo. Drain-controlling apparatus for mash-tubs.	872,103	Nov. 26	4136	989	131	1061
Aufesser, Ferdinand M., assignor to Mohawk Brush Company, Albany, N. Y. Brush.	856,834	June 11	2720	563	128	2417
Aug. Goertz & Co. (See Eigen, Benno vom, assignor.)						
Auger, Mary L. (See Dillman and Auger.)						
Auger & Simon Silk Dyeing Co. (See Hott, Henry, assignor.)						
Augsbach, Otto. (See Justen, Joseph M., assignor.)						
Augustine, Benjamin F., Buffalo, N. Y. Rotary engine.	873,201	Dec. 10	1862	390-1	131	1492
Augustine, Glycer G., Los Angeles, Cal. Machine for molding cores.	840,737	Jan. 8	1914	421-2	126	532
Augustine, Walter A., Alameda, Cal. Sign-painting machine.	852,692	May 7	650	125	128	170
Auker, Samuel R., Altoona, Pa. Combined shade and curtain fixture.	843,658	Feb. 12	1645	349	126	2240
Auld, Fredrick H., Columbus, Ohio, assignor to F. H. Cozzens, New York, N. Y. Pho- tographic-printing apparatus.	849,184	Apr. 2	1154	233-4	127	1883
Auld, Joseph C., Miles City, Mont. Current-motor.	849,311	Apr. 2	1381	278	127	1939
Aull Brothers Paper and Box Company. (See Wolf, Henry L. R., assignor.)						
Aull, Jerome W., assignor to Lunkenheimer Co., Cincinnati, Ohio. Grease-cup.	864,147	Aug. 27	3194	883	129	3169
Aulls, Herbert L., Denver, Colo. Convertible dumping-car.	850,719	Apr. 16	4054	847-8	127	2695
Ault, Playfair G. (See Davis and Ault.)						
Aultman & Taylor Machinery Company. (See Harrold, Amos, assignor.)						
Aupke, Henry D., Sharpsburg, Pa. Wrench.	840,549	Jan. 8	1541	340	126	439
Aurness, Peter A., Minneapolis, Minn. Stethoscope.	843,319	Feb. 5	989	203	126	2040
Aurness, Peter A., Minneapolis, Minn. Combined water heater, filter, and cooler.	869,045	Oct. 22	2896	799	130	2272
Aurora Manufacturing Company. (See Smith, John W., assignor.)						
Aurora Specialty Co. (See Wolfe, John, assignor.)						
Aurum Mining Company. (See Coombes, Joseph A., assignor.)						
Aus, Gunvald, New York, N. Y. Means of connecting channel-irons in the construction of columns.	851,973	Apr. 30	6570	1369	127	3399
Aus, Gunvald, Brooklyn, N. Y. Construction of reinforcing-steel for reinforced con- crete beams and girders.	857,973	June 25	4960	1049	128	3051

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Austad, Carl J., Peterson, Minn. Gate-latch.	866,766	Sept. 24	3095	872	130	1067
Austen, Peter T., and F. J. Maywald, New York, N. Y. Paint-remover and making the same.	846,080	Mar. 5	746		127	190
Austen, Peter T., F. J. Maywald, New York, and F. X. Govers, Owego, N. Y. Strip-ping paint and varnish remover and making same.	871,750	Nov. 19	3323		131	912
Austerlitz, Alexander, Győr, Austria-Hungary. Frame for oil-presses.	865,749	Sept. 10	1549	437	130	504
Austin, A. T. (See Anderson, Charles O., assignor.)						
Austin, Albert D., Stilwell, Kans. Valve-gear.	852,757	May 7	766	151-2	128	200
Austin, Anna V., and N. M. Purviance, assignors of one-third to E. N. Sims, Spokane, Wash. Paper-hanging machine.	855,426	May 28	6106	1276-7	128	1654
Austin, Charles L., Jr., Mahopac Falls, N. Y. Arch-supporter.	870,661	Nov. 12	1251	339	131	442
Austin Engine Company. (See Austin, William K., assignor.)						
Austin, Frederick C. (See Judd, William J., assignor.)						
Austin, Frederick C. (See Page, Charles G., assignor.)						
Austin, George. (See Gudmundsen, Abraham, assignor.)						
Austin, James E., Binghamton, N. Y. Sad-iron.	851,479	Apr. 23	5541	1161	127	3105
Austin, John T., assignor to Austin Organ Company, Hartford, Conn. Organ-action.	847,636	Mar. 19	3862	844	127	1036
Austin, Leonidas J., Allapaha, Ga. Whiffletree-hook.	875,003	Dec. 10	1465	304	131	1428
Austin, Louis W., Washington, D. C., assignor to National Electric Signaling Company, Pittsburg, Pa. Receiver.	846,081	Mar. 5	749	156	127	191
Austin Manufacturing Company. (See Morenus and Jones, assignors.)						
Austin Manufacturing Company. (See Rhodes, Jay B., assignor.)						
Austin Manufacturing Company. (See Spring, William A., assignor.)						
Austin Organ Company. (See Austin, John T., assignor.)						
Austin, Samuel E., Baltimore, Md. Elevator-shaft closure and operating means therefor.	865,750	Sept. 10	1550	437	130	505
Austin, William, Scranton, Pa. Automatic steam-trap.	851,480	Apr. 23	5544	1161	127	3106
Austin, William K., assignor, by mesne assignments, to Austin Engine Company, New York, N. Y. Rotary engine.	858,778	July 2	713	189	129	247
Austin, William L., assignor to Burnham, Williams & Company, Philadelphia, Pa. Locomotive.	844,768	Feb. 19	4096	873-4	126	2881
Austin, William L., assignor to Burnham, Williams & Company, Philadelphia, Pa. Brake mechanism for pivoted car-trucks.	854,449	May 21	4193	868	128	1144
Autenrieth, William, Cincinnati, Ohio. Crutch.	869,128	Oct. 22	3010	831	130	2370
Autenrieth, William, Cincinnati, Ohio. Cane.	869,682	Oct. 29	3913	1077	130	2612
Auto Fence Machine Company. (See Blume, Charles A. and I. D., assignors.)						
Auto Manual Piano Action Company. (See Dunott, Charles B., assignor.)						
Auto-Manual Piano Action Company. (See Wuest, Philip, Jr., assignor.)						
Auto Stopper Company. (See Hicks, James M., assignor.)						
Auto Stopper Company. (See Low, Abbot A., assignor.)						
Auto Strop Company. (See Gaisman, Henry J., assignor.)						
Autocoil Company. (See Anderson, James C., assignor.)						
Autocoil Company. (See Smith, James M., assignor.)						
Autocoil Company. (See Varley, Richard, assignor.)						
Autocoil Company. (See Varley and Scott, assignors.)						
Autodraft Manufacturing Company. (See Cawthorne and Lummis, assignors.)						
Automatic Adding Machine Company. (See Gancher and Zabriskie, assignors.)						
Automatic Button Company. (See Fack, Henry H., assignor.)						
Automatic Cattle Guard Company. (See Cline, George W., assignor.)						
Automatic Clock Company. (See Wagner, Cleaver W., assignor.)						
Automatic Electric Company. (See Erickson, John, assignor.)						
Automatic Electric Company. (See Fales, Edward D., assignor.)						
Automatic Electric Pump Company. (See Westphal, Louis H., assignor.)						
Automatic Envelope Sealing and Stamping Machine Company. (See Davis, Charles F., assignor.)						
Automatic Fire Alarm Company. (See Reeve, Henry E., assignor.)						
Automatic Fire Protection Company. (See Goldthwait, William A., assignor.)						
Automatic Fire Protection Company. (See McElroy, Shepherd, and Nolen, assignors.)						
Automatic Fire Protection Company. (See Nolen, James G., assignor.)						
Automatic Fire Protection Company. (See Nolen, James G. and J. D., assignors.)						
Automatic Fire Protection Company. (See Rice, Frank H., assignor.)						
Automatic Gas Lighting Company. (See Meyer, August, assignor.)						
Automatic Molding Machine Company. (See Rogerson, Albert C., assignor.)						
Automatic Oscillating Loom Company. (See Poalk, James L., assignor.)						
Automatic Oscillating Loom Company of America. (See Poalk, James L., assignor.)						
Automatic Packing & Labeling Company. (See Lee, George A., assignor.)						
Automatic Pencil Sharpener Company. (See Spengler, Charles C., assignor.)						
Automatic Pulverizer Company. (See Bell, George A., assignor.)						
Automatic Rapid Unloading Company. (See Schwartz, Aaron, assignor.)						
Automatic Switch Company. (See Whittingham, George H., assignor.)						
Automatic Time Stamp Company. (See Wilson, John C., assignor.)						
Automatic Train Control Company. (See Stieglmeyer, John E., assignor.)						
Automatic Trolley Guard Company. (See Nolan, Frank J., assignor.)						
Automatic Vacuum Canning Company. (See Norton, Edwin, assignor.)						
Automatic Weighing Machine Company. (See Nickerson, William E., assignor.)						
Automobile Parts and Equipment Company. (See Stout, George H., assignor.)						
Autopiano Company. (See Danquard, Thomas, assignor.)						
Autopiano Company. (See Danquard, Thomas, assignor.) (Reissue.)						
Auvert, Louis R., and A. F. E. Ferrand, Paris, France. Redressing and regulating device enabling to transform a single-phase current into a continuous one.	857,267	June 18	3547	752	128	2665
Auw, Alwin Von, New York, N. Y. Machine for gumming or moistening labels.	872,392	Dec. 3	151	29	131	1192
Auxiliary Manufacturing and Marketing Company. (See Voorhis, Benjamin F., assignor.)						
Avara, Theresa D., Rushings Store, Miss. Infant-protector.	855,551	June 4	210	41	128	1750
Avén, Johan A., Stockholm, Sweden, assignor, by mesne assignments to Deutsche Telefonwerke Gesellschaft mit Beschränkter Haftung, Berlin, Germany. Telephone-exchange system.	851,792	Apr. 30	6189	1292	127	3301
Avera, Hardy A., Hemet, Cal. Saw-setting machine.	858,556	July 2	328	81	129	119
Averbeck, Henry J., Covington, Ky. Feed-regulator.	872,635	Dec. 3	666	138-9	131	1272
Averill, Edward S. (See Kerrigan, Philip, assignor.)						
Averill, Clarence R., Webster, N. Y. Dental-crown driver.	874,379	Dec. 24	4260	898	131	1948
"Avernus Wheel Limited." (See Hartley and Bishop, assignors.)						
Avery, Augustus W., Cove, N. C. Rail-fastening.	856,835	June 11	2721	563	128	2417
Avery, Charles G., Chicago, Ill. Flat-iron.	873,202	Dec. 10	1865	391	131	1493
Avery, Courtney C., assignor to Eagle Wagon Works, Auburn, N. Y. Dump-wagon.	840,601	Jan. 8	1651	363	126	466
Avery, George D. (See Friend, Calvin V., assignor.)						
Avery, Henry W., and W. S. Judd, Cleveland, Ohio. Armored pneumatic tire.	863,689	Aug. 20	2488	687	129	2922

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Avery, Hiram P., and S. J. Bartlett, Beardstown, Ill. Machine for churning or washing.	871,906	Nov. 26	3681	897-8	131	995
Avery Manufacturing Co. (See Springer, William N., assignor.)						
Avery Manufacturing Company. (See Bartholomew, John B., assignor.)						
Avery, Morris H., Woonsocket, R. I. Clutch.	846,178	Mar. 5	929	196	127	235
Aveson, Thomas S., Passaic, N. J. Projectile.	874,282	Dec. 17	4065	858	131	1884
Avett, Pinkie E. (See Ellis and Avett.)						
Avey, Charles H., San Francisco, Cal. Feed receptacle or bag.	856,756	June 11	2587	531	128	2384
Avram-Leet Engineering Company. (See Avram, Mois H., assignor.)						
Avram-Leet Engineering Company. (See Rosell, Claude A. O., assignor.)						
Avram, Mois H., assignor to Avram-Leet Engineering Company, New York, N. Y. Press.	866,999	Sept. 24	3440	975	130	1174
Avram, Mois H., assignor to Avram-Leet Engineering Company, New York, N. Y. Mixing-machine.	875,234	Dec. 31	5983	1246-7	131	2252
Axelrod, Salomon, Ober-Schöneweide, Germany, assignor to General Electric Company. Treating metal chips.	863,134	Aug. 13	1677		129	2638
Axelstrom, John, Chicago, Ill. Windmill.	857,376	June 18	3755	795	128	2717
Axford, George S., Northville, Mich. Hobby-horse.	841,369	Jan. 15	3185	686	126	899
Axford, Harris W., Chicago, Ill. Incubator.	855,871	June 4	834	173	128	1905
Axtell, Fred W., Fort Worth, Tex. Float-valve.	842,513	Jan. 29	5549	1174	126	1566
Axx, Harry C., Napoleon, Ohio. Brace for screen-doors or the like.	874,283	Dec. 17	4067	858	131	1884
Ayars, Charles H., Salem, N. J., assignor to Ayars Machine Company. Can-filling machine.	854,683	May 21	4619	962-3	128	1248
Ayars Machine Company. (See Ayars, Charles H., assignor.)						
Ayer, Albert E., Chelsea, Mass. Check-protector.	861,695	July 30	5240	1440	129	1844
Ayer, Albert E., Chelsea, assignor to R. L. Vose, Brookline, Mass. Edge-trimming machine.	874,821	Dec. 24	5126	1080	131	2093
Ayer, Albert E., Chelsea, and A. S. Vose, assignors to R. L. Vose, Brookline, Mass. Machine for trimming the edges of boots and shoes.	858,494	July 2	226	53	129	83
Ayer, Frederick H., Chicago Heights, Ill. Electrical connector.	868,751	Oct. 22	2446	677	130	2132
Ayer, James I., Cambridgeport, assignor to Simplex Electric Heating Company, Boston, Mass. Danger-signal for portable electric tools.	854,013	May 21	3342	686	128	926
Ayer, James I., Cambridgeport, assignor to Simplex Electric Heating Company, Boston, Mass. Safety attachment for electrically-heated vessels.	854,396	May 21	4078	843	128	1115
Ayer, James I., Cambridgeport, assignor to Simplex Electric Heating Company, Boston, Mass. Audible alarm for electric cooking vessels.	875,310	Dec. 31	6126	1278	131	2275
Ayer, William H., Claremont, N. H. Picker-check for looms.	861,013	July 23	4176	1144	129	1473
Ayer, William H., Claremont, N. H. Shuttle-check for looms.	872,779	Dec. 3	962	200	131	1319
Ayer, William H., Claremont, N. H. Picker-check for looms.	872,780	Dec. 3	964	201	131	1320
Ayer, William H., Claremont, N. H. Picking-motion for looms.	872,781	Dec. 3	965	201	131	1320
Ayer, William H., Claremont, N. H. Shuttle-check for looms.	872,782	Dec. 3	967	201	131	1320
Ayers, Albert M. (See Sheldon and Ayers.)						
Ayers, Alden F., Cleveland, assignor to L. J. Petre, East Cleveland, Ohio. Tool-handle and tool.	861,423	July 30	4835	1326	129	1721
Ayers, Alva, Payson, Okla. Ter. Floor-set.	847,272	Mar. 12	3098	683	127	812
Ayers, Elmer C., assignor of one-half to M. V. Nicholson, Valentine, Nebr. Tongue-support.	853,197	May 7	1646	343	128	416
Ayers, Elwood B., assignor to Philadelphia Textile Machinery Company, Philadelphia, Pa. Drying-machine.	847,038	Mar. 12	2645	583	127	701
Ayers, Gerald P., Chicago, Ill. Ice-remover.	847,453	Mar. 19	3479	761-2	127	936
Ayers, Jacob F., Kalkaska, Mich. Shaft-bearing.	847,541	Mar. 19	3646	803	127	982
Ayers, James R., Petersburg, Va. Fertilizer-distributor.	875,564	Dec. 31	6617	1384	131	2355
Ayers, John W. (See Sheldon and Ayers.)						
Ayers, Robert G., Orion, Ill. Swimming-shoe.	855,377	May 28	6018	1256	128	1635
Aylsworth, Jonas W., East Orange, and F. L. Dyer, Montclair, N. J. Steam-conduit.	869,768	Oct. 29	4035	1114	130	2647
Aylsworth, Julius P., Endeavor, Pa. Lathe-tool.	871,662	Nov. 19	3163	784	131	884
Ayling, William S., Chicago, Ill. Bottle-top.	869,154	Oct. 22	3054	843	130	2321
Aylor, Walter C., Madison Mills, Va. Turbine attachment.	854,620	May 21	4497	938	128	1217
Aylsworth, Jonas W., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Composition for phonographic records.	855,552	June 4	211	41	128	1750
Aylsworth, Jonas W., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Making duplicate phonograph-records.	855,553	June 4	212	41	128	1750
Aylsworth, Jonas W., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Making duplicate phonograph-records.	855,554	June 4	214	42	128	1751
Aylsworth, Jonas W., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Making duplicate sound-records.	855,555	June 4	215	42	128	1751
Aylsworth, Jonas W., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Duplicate sound-record.	855,556	June 4	218	42	128	1752
Aylsworth, Jonas W., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Making phonograph-blanks.	855,557	June 4	219	42	128	1752
Aylsworth, Jonas W., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Making duplicate phonograph-records.	855,605	June 4	309	63	128	1774
Aylsworth, Jonas W., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Making duplicate sound-records.	855,606	June 4	312	64	128	1775
Aylsworth, Jonas W., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Duplicating sound-records.	871,554	Nov. 19	2978	742	131	852
Aylsworth, Jonas W., East Orange, and F. L. Dyer, Montclair, assignors to New Jersey Patent Company, West Orange, N. J. Phonograph.	855,604	June 4	307	63	128	1773
Aymond, Frank L. (See De Witt, Clinton C., assignor.)						
Ayres, Charles, Van Buren, Ark. Stove.	839,804	Jan. 1	10	2	126	5
Ayres, Gustav, Washington, D. C. Power system.	862,375	Aug. 6	436	119	129	2223
Ayres, Gustav, Washington, D. C., assignor to A. Du Montier, Alexandria, Va. Finishing member for tiling.	875,038	Dec. 31	5612	1171	131	2189
Ayres, Gustav, Washington, D. C., assignor to A. Du Montier, Alexandria, Va. Finishing member for tiling.	875,312	Dec. 31	6128	1279	131	2275
Ayres, Milan V., Newton Highlands, Mass. Window.	844,645	Feb. 19	3827	811	126	2812
Az, Wilhelmus B. (See Geraets, Blocks, and Az.)						
B. Roth Tool Company. (See Roth, Edward B., assignor.)						
B. A. Ballou and Company. (See Morehouse, Eugene W., assignor.)						
B. F. Avery & Sons. (See Clark, Cyril B., assignor.)						
B. F. Avery & Sons. (See Holsclaw, Wilford H., assignor.)						
B. F. Barnes Company. (See Milne, Robert, assignor.)						
B. F. Goodrich Company. (See Kepler, Irwin F., assignor.)						
B. F. Goodrich Company. (See Shaw, Edwin C., assignor.)						
B. F. Perkins and Son. (See Perkins and Stanley, assignors.)						
B. F. Sturtevant Company. (See Freeman, Ernest B., assignor.)						
B. F. Sturtevant Company. (See Osborne, William S., assignor.)						
Baashuus, Nils, Christiania, Norway. Turbine.	867,566	Oct. 8	526	150	130	1403

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Babbe, Cornelius H., and J. T. Hrody, Chicago, Ill. Producing signs and labels.....	852,693	May 7	652	125	128	171
Babbitt, Elvin J., Petoskey, Mich. Banjo attachment.....	871,158	Nov. 19	2103	564	131	718
Babbitt, Ira T., Abingdon, Ill. Ice-cream freezer and churn.....	872,636	Dec. 3	669	139	131	1273
Babbitt, Vernard A., <i>et al.</i> (See Garbe, William F., assignor.)						
Babcock & Company. (See Babcock, Henry C., assignor.)						
Babcock, Elisha W., Lorain, Ohio. Heating-stove.....	870,662	Nov. 12	1252	340	131	442
Babcock, Eliza C., Binghamton, N. Y. Lamp-burner.....	853,856	May 14	3006	618	128	802
Babcock, Garrison, Chicago, Ill., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone system.....	853,291	May 14	1864	388	128	506
Babcock, George E., assignor of two-thirds to C. L. and R. E. Wick, Fort Plain, N. Y. Front-axle construction.....	849,652	Apr. 9	2050	421	127	2145
Babcock, George G. (See Libby and Babcock.)						
Babcock, George G., assignor to C. T. Libby, Portland, Me. Linotype-machine.....	873,203	Dec. 10	1867	391-2	131	1493
Babcock, Henry C., assignor to Babcock & Company, South St. Paul, Minn. Device to shut off flow of gas.....	866,609	Sept. 17	2839	801	130	950
Babcock, Ira J., Chicago, Ill., assignor, by mesne assignments, to National Brake and Electric Company, Milwaukee, Wis. Governor.....	874,284	Dec. 17	4068	858	131	1884
Babcock, Washington I., New York, N. Y. Ship construction.....	855,154	May 28	5626	1170-1	128	1535
Babcock & Wilcox Company. (See Bell, John E., assignor.)						
Babendreier, Arthur O., assignor of one-half to W. B. Mann, Baltimore, Md. Fire-hydrant.....	845,505	Feb. 26	5541	1174	126	3284
Babin, Robert M. (See Lippke and Babin.)						
Babin, Telesphore, and J. Colomb, Houma, La. Acetylene-gas generator.....	843,429	Feb. 5	1165	245	126	2083
Babio, Manuel G., New York, N. Y. Vehicle-wheel.....	861,792	July 30	5396	1488-9	129	1892
Babson, Henry B., and A. Haug, New York, N. Y., assignors to Universal Talking Machine Manufacturing Company. Talking-machine.....	863,135	Aug. 13	1677	449	129	2638
Babson, Henry B., and A. Haug, New York, N. Y., assignors to Universal Talking Machine Manufacturing Company. Talking-machine.....	872,783	Dec. 3	969	201-2	131	1321
Bach, Charles H., Brooks, Minn. Floor-covering.....	844,230	Feb. 12	2724	.....	126	2509
Bach, Charles H., Brooks, Minn. Vehicle-brake.....	865,751	Sept. 10	1552	438	130	505
Bach, George, Lyndon Station, Wis. Coupling.....	865,153	Sept. 3	590	166	130	179
Bach, John A., Philadelphia, Pa. Cigar bunching and wrapping machine.....	856,201	June 11	1456	307	128	2094
Bach, Louis P. (See Kranich and Bach.)						
Bachelet, Emile, New York, N. Y. Electric-current interrupting and varying apparatus.....	847,877	Mar. 19	4351	954	127	1153
Bachelet, Emile, Tacoma, Wash. Electromagnetic apparatus.....	849,653	Apr. 9	2052	421	127	2146
Bachman, Charles A., <i>et al.</i> (See Viancour, George H., assignor.)						
Bachman, Frank E., Port Henry, N. Y. Gas-washer.....	844,312	Feb. 19	2928	622-3	126	2597
Bachman, Frank E., Port Henry, N. Y. Gas-washer.....	844,313	Feb. 19	2930	623-4	126	2597
Bachman, Franklin H., Allentown, and J. D. Bachman, Catasauqua, Pa. Clutch.....	865,154	Sept. 3	592	166	130	2598
Bachman, James D. (See Bachman, Franklin H. and J. D.)						
Bachman, Joseph W. R., and E. M. Green, Erick, Okla. Ter. Window-shade hanger.....	854,014	May 21	3343	686	128	180
Bachman, Lucile A., assignor to Warren Featherbone Company, Three Oaks, Mich. Bust-form.....	862,376	Aug. 6	438	120	129	926
Bachmann, Eduard, Seebach, assignor to Neu-Graphic A. G., Oerlikon, near Zurich, Switzerland. Apparatus for the production of pictures, patterns, and the like by photographic method.....	870,863	Nov. 12	1575	433	131	2223
Bachmann, Siegmund, Chicago, Ill. Box.....	855,746	June 4	591	122	128	1848
Bacigalupo, Peter, Haverhill, Mass. Buffing-roll.....	855,922	June 4	939	194	128	1930
Back, John F., St. John, Wash. Gear for drill-machines.....	862,301	Aug. 6	326	91	129	2185
Back, John R., assignor to F. E. Reed Co., Worcester, Mass. Controller for electrically-operated machine-tools.....	871,199	Nov. 19	2183	580-1	131	731
Backlin, Axel F. (See Daniels, Backlin, and Swinscoe.)						
Backlin, Axel F., assignor to American Steel & Wire Company, Worcester, Mass. Wire-fence machine.....	848,526	Mar. 26	5617	1228-9	127	1502
Backlin, Axel F., assignor to American Steel & Wire Company, Worcester, Mass. Wire fabric.....	868,244	Oct. 15	1603	454	130	1845
Backscheider, Jacob, Minneapolis, Minn. Combination bolt and nut cutter.....	873,004	Dec. 10	1466	305	131	1428
Backstrom, Charles A., Milwaukee, Wis., assignor to Backstrom-Smith Steam Turbine & Manufacturing Company. Turbine-nozzle valve.....	853,332	May 14	1967	407	128	537
Backstrom, Charles A., Milwaukee, Wis., assignor to Backstrom-Smith Steam Turbine & Manufacturing Company. Coil-clamp for rotary magnets.....	853,333	May 14	1968	407	128	538
Backstrom, Charles A., Milwaukee, Wis., assignor to Backstrom-Smith Steam Turbine & Manufacturing Company. Turbine-vane.....	853,334	May 14	1969	407	128	538
Backstrom, Charles A., Milwaukee, Wis., assignor to Backstrom-Smith Steam Turbine & Manufacturing Company. Automatic exhaust relief-valve.....	856,202	June 11	1459	308	128	2096
Backstrom, Charles A., Milwaukee, Wis., assignor to Backstrom-Smith Steam Turbine & Manufacturing Company. Turbine running-wheel.....	856,203	June 11	1461	308	128	2097
Backstrom, Charles A., Milwaukee, Wis., assignor to Backstrom-Smith Steam Turbine & Manufacturing Company. Turbine nozzle-valve.....	856,204	June 11	1462	308	128	2097
Backstrom, Charles A., Milwaukee, Wis., assignor to Backstrom-Smith Steam Turbine & Manufacturing Company. Turbine nozzle-partition and running-wheel.....	856,205	June 11	1463	308	128	2097
Backstrom, Charles A., Milwaukee, Wis., assignor to Backstrom-Smith Steam Turbine & Manufacturing Company. Turbine nozzle-valve.....	856,206	June 11	1464	309	128	2098
Backstrom, Charles A., Milwaukee, Wis., assignor to Backstrom-Smith Steam Turbine & Manufacturing Company. Turbine running-wheel.....	856,207	June 11	1465	309	128	2098
Backstrom, Charles A., Milwaukee, Wis., assignor to Backstrom-Smith Steam Turbine & Manufacturing Company. Turbine nozzle-partition and nozzle.....	856,208	June 11	1466	309	128	2098
Backstrom, Charles A., and P. G. Roesti, Milwaukee, Wis.; said Backstrom assignor to Backstrom-Smith Steam Turbine & Manufacturing Company. Condenser.....	853,335	May 14	1971	408	128	539
Backstrom-Smith Steam Turbine & Manufacturing Company. (See Backstrom, Charles A., assignor.)						
Backstrom-Smith Steam Turbine & Manufacturing Company. (See Backstrom and Roesti, assignors.)						
Backus, Alexander. (See Webber, John B., Jr., assignor.)						
Backus, Henry N., Detroit, Mich. Delivery-crate.....	848,336	Mar. 26	5266	1148	127	1417
Backus, Oscar J. (See Crane and Backus.)						
Backus, Oscar J., Jr., and R. E. Crane, Oakland, Cal. Slow-closing valve.....	854,138	May 21	3607	744	128	989
Bacon, Abbott L., Franklin, Mass. Sand-box for cars.....	872,104	Nov. 26	4138	990	131	1061
Bacon, Benjamin J., Sydney, New South Wales, Australia. Candle-holder.....	861,696	July 30	5241	1440	129	1845
Bacon, Charles C., Philadelphia, Pa. Stopper.....	852,644	May 7	545	104	128	143
Bacon, Charles G., assignor of one-half to E. Hadler, Antigo, Wis. Combined shade and curtain-pole support.....	872,637	Dec. 3	671	139	131	1273
Bacon, Daniel, New York, N. Y., assignor, by mesne assignments, to W. B. Bull, Chicago, Ill. Double-arbor lathe.....	869,862	Oct. 29	4171	1152-3	130	2688
Bacon, Frank W., Omaha, Nebr. Explosive-engine.....	862,377	Aug. 6	440	120	129	2224
Bacon, George W., Grand Junction, Colo. Horse hay-rake.....	855,686	June 4	465	98	128	1814

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Bacon, Harry A., Branchville, Md., assignor of one-third to L. E. Burdine, Washington, D. C. Mattress-frame.....	861,201	July 23	4444	1218-19	129	1561
Bacon, Harry E., Meadowview, Me. Tack-handling implement.....	859,796	July 9	2272	618	129	790
Bacon, Harry P., Milaca, Minn. Sterilizer.....	839,805	Jan. 1	12	3	126	5
Bacon, Isaac H., and N. Nelson, Salem, N. J., assignors to Salem Glass Works. Burner-block as applicable to furnaces.....	848,426	Mar. 26	5441	1186	127	1459
Bacon, John L., assignor of two-thirds to L. Norham and M. A. Grant, Joliet, Ill. Combination baby-carriage and high chair.....	867,465	Oct. 1	354	102	130	1422
Bacon, Levi S., Washington, D. C., assignor, by mesne assignments, to Chamberlin Metal Weather Strip Company, Detroit, Mich. Metal weather-strip.....	871,853	Nov. 26	3562	871	131	977
Bacon, Marvin J. (See Eichelberger, Hibner, and Bacon.).....						
Bacon, Mary C., and M. Baldrige, Los Angeles, Cal. Cooking utensil.....	856,509	June 11	2104	432	128	2261
Bacon, Nathaniel T., Peace Dale, R. I. Drying air for blast-furnaces.....	847,273	Mar. 12	3099	683	127	812
Bacon, Paul H., New York, N. Y. Brushing-machine.....	858,940	July 2	983	255	129	337
Bacon, William M., St. Louis, Mo. Printing-machine.....	860,181	July 16	2868	783	129	1013
Badcock, Edward B., assignor to Lamp Pump Syndicate, Limited, London, England. Fluid-pressure motor.....	850,108	Apr. 9	2861	599-600	127	2548
Baddett, Godfrey J. A. (See Rourke and Baddett.).....						
Badcock, John W., Lynn, Mass. Top-lift or heel holder for heel-attaching machines.....	874,921	Dec. 31	5370	1123	131	2151
Badeau, Isaac F. (See Badeau, Louis C. and I. F.).....						
Badeau, Louis C. and I. F., Mahopac, N. Y. Music type-writer.....	841,101	Jan. 15	2664	583	126	766
Badeau, Louis C. and I. F., Mahopac, N. Y. Music type-writer.....	846,443	Mar. 12	1463	325-6	127	399
Badenhausen, John F., Seattle, Wash. Water-tube boiler.....	862,872	Aug. 13	1266	343	129	2507
Bader, Frank L., Milwaukee, Wis. Metallic weather-stripping.....	841,658	Jan. 22	3737	811	126	1072
Bader, Gustav A., assignor to E. Kirstein Sons Company, Rochester, N. Y. Eyeglasses.....	862,432	Aug. 6	546	146	129	2259
Bader, Gustav A., assignor to E. Kirstein Sons Company, Rochester, and L. F. Adt, Albany, N. Y. Nose-guard for eyeglasses.....	873,339	Dec. 10	2148	448	131	1539
Badger, Arthur C., Newton, Mass. Chimney cowl or ventilator.....	860,721	July 23	3709	1016	129	1320
Badger, Carey H., Rocky Ford, Colo. Brace for vehicle-wheels.....	851,794	Apr. 30	6571	1369	127	3399
Badger, Oliver L., Bellevue, assignor to United States Furnace & Foundry Company, Darlington, Pa. Warm-air furnace.....	842,126	Jan. 22	4668	1002	126	1303
Badgley, Eugene F., deceased, San Francisco, Cal.; H. Henry, administratrix. Machine for manufacturing composition pipe.....	850,124	Apr. 16	2914	608	127	2401
Badische Anilin & Soda Fabrik. (See Bally, Oscar, assignor.).....						
Badische Anilin & Soda Fabrik. (See Bazlen, Max, assignor.).....						
Badische Anilin & Soda Fabrik. (See Bohn, René, assignor.).....						
Badische Anilin & Soda Fabrik. (See Immerheiser, Carl, assignor.).....						
Badische Anilin & Soda Fabrik. (See Isler, Max, assignor.).....						
Badische Anilin & Soda Fabrik. (See Isler and Kacer, assignors.).....						
Badische Anilin & Soda Fabrik. (See Kacer, Filip, assignor.).....						
Badische Anilin & Soda Fabrik. (See Labhardt, Hans, assignor.).....						
Badische Anilin & Soda Fabrik. (See Reinking, Karl, assignor.).....						
Badische Anilin & Soda Fabrik. (See Rinckenberger, Alfred, assignor.).....						
Badische Anilin & Soda Fabrik. (See Schmid, Henri, assignor.).....						
Badische Anilin & Soda Fabrik. (See Scholl, Roland H., assignor.).....						
Badische Anilin & Soda Fabrik. (See Scholl and Kunz, assignors.).....						
Badische Anilin & Soda Fabrik. (See Schönherr and Gaus, assignors.).....						
Badische Anilin & Soda Fabrik. (See Schraube and Schleicher, assignors.).....						
Badische Anilin & Soda Fabrik. (See Stiegelmann and Dehnelt, assignors.).....						
Badische Anilin & Soda Fabrik. (See Wimmer, Robert, assignor.).....						
Badische Maschinenfabrik und Eisengiesserei, vorm. G. Sebold und Sebold & Neff. (See Beeg, Hans, assignor.).....						
Badische Maschinenfabrik und Eisengiesserei, vormals G. Sebold und Sebold & Neff. (See Moreland and Landvatter, assignors.).....						
Baeche, Nicholas W., Cincinnati, Ohio. Friction-clutch.....	841,659	Jan. 22	3738	812	126	1072
Baeger, Richard. (See Güttner and Baeger.).....						
Baehr, George, McKeesport, assignor to National Tube Company, Pittsburg, Pa. Furnace-charging apparatus.....	842,514	Jan. 29	5550	1174-5	126	1566
Baehr, George, McKeesport, assignor to National Tube Company, Pittsburg, Pa. Electric-motor system.....	842,515	Jan. 29	5554	1175	126	1567
Baehr, George, McKeesport, Pa., assignor to Electric Controller and Supply Company, Cleveland, Ohio. Limit-switch.....	854,015	May 21	3344	687	128	927
Baehr, George, McKeesport, assignor to National Tube Company, Pittsburg, Pa. Electromagnet.....	858,941	July 2	984	256	129	338
Baehr, George, McKeesport, and H. B. Lynch, Versailles, assignors to National Tube Company, Pittsburg, Pa. Magnetic drawing apparatus for pipes, &c.....	857,856	June 25	4701	997-8	128	2985
Baehr, John J. (See Smith, Lester C., assignor.).....						
Baekeland, Leo H., Yonkers, assignor to Development and Funding Company, New York, N. Y. Apparatus for regenerating electrolytes.....	844,314	Feb. 19	2932	624	126	2598
Baekeland, Leo H., Yonkers, assignor to Development and Funding Company, New York, N. Y. Electrolytic diaphragm and making same.....	855,221	May 28	5744	.....	128	1564
Baer and Company, Henry. (See Müller, Johann J., assignor.).....						
Baer, Isidor, New York, N. Y. Truss attachment for corsets.....	840,285	Jan. 1	998	218	126	269
Baer, Julius. (See Manville, Clay D., assignor.).....						
Baer, Leon A., et al. (See Barr, George T., assignor.).....						
Baerbalck, Hans, assignor to Hamilton Machine Tool Company, Hamilton, Ohio. Relieving mechanism for engine-lathes.....	870,759	Nov. 12	1418	385	131	492
Baese, Charles E., Wilmington, Ill. Feed-trough for poultry.....	856,564	June 11	2224	457	128	2291
Bager, Svante R. W. (See Ferris and Bager.).....						
Baggaley, Arthur, Chicago, Ill. Ventilator.....	855,607	June 4	315	65	128	1775
Baggaley, Ralph. (See Allen, Charles M., assignor.).....						
Baggaley, Ralph, Pittsburg, Pa. Apparatus for removing impurities from furnace-gases.....	846,815	Mar. 12	2205	484	127	592
Baggaley, Ralph, Pittsburg, Pa. Apparatus for sinking shafts.....	846,816	Mar. 12	2208	484-5	127	592
Baggaley, Ralph, Pittsburg, Pa. Generating steam from waste heat of slag.....	846,817	Mar. 12	2212	.....	127	593
Baggaley, Ralph, Pittsburg, Pa. Recovering values from flue-dust.....	846,818	Mar. 12	2214	485	127	593
Baggaley, Ralph, Pittsburg, Pa. Copper-refining furnace.....	846,891	Mar. 12	2373	521-2	127	634
Baggaley, Ralph, Pittsburg, Pa. Smelting and refining copper ores and compounds.....	862,378	Aug. 6	441	.....	129	2225
Baggaley, Ralph, Pittsburg, Pa. Converter.....	865,671	Sept. 10	1427	405	130	467
Baggaley, Ralph, Pittsburg, Pa. Converter.....	870,925	Nov. 12	1679	462	131	576
Baggaley, Ralph, Pittsburg, Pa., C. M. Allen, Lo Lo, Mont., and F. W. Lindquist, Chicago, Ill.; said Allen and said Lindquist assignors to said Baggaley. Means for preventing escape of unfused ore from smelting-converters.....	864,719	Aug. 27	4103	1139-40	129	3455
Baggaley, Ralph, Pittsburg, Pa., C. M. Allen, Lo Lo, Mont., and E. W. Lindquist, Chicago, Ill., assignors to Pittsburg and Montana Copper Company, Pittsburg, Pa. Means for increasing the air-blast of converters and furnaces.....	871,079	Nov. 12	1913	524-6	131	649

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Name, residence, and invention	No.	Date.	Monthly volume.		Official Gazette.	
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Baggett, Robert A., Belton, Tex. Vegetable-cutter.	854,621	May 21	4499	938	128	1218
Baggett, Robert A., Belton, assignor of one-half to E. F. Lanham, Temple, Tex. Knife.	855,378	May 28	6019	1256	128	1635
Baggs, Clarence A., San Jose, Cal. Collapsible bass-drum.	859,036	July 2	1132	302	129	385
Bagguley, William, Wishaw, Scotland. Machine for making cigarettes.	841,216	Jan. 15	2871	624-5	126	812
Bagley, John, Tacoma, Wash. Grader.	846,278	Mar. 5	1111	241	127	288
Bagley, Marion L., Santa Barbara, Cal. Hair-retaining device.	857,222	June 18	3465	731	128	2644
Bagley, Moses F., assignor of one-half to J. C. Martin, Evansville, Ind. Car-journal filer or smoother.	868,064	Oct. 15	1348	377	130	1768
Bagley, Walter D., Erick, Okla. Ter. Foot-rest.	850,458	Apr. 16	3536	739	127	2564
Bagnall, Edward, Pittsburg, Pa. Machine for grinding, smoothing, and polishing plate-glass.	873,340	Dec. 10	2150	448-50	131	1539
Bagnall, Edward, Pittsburg, assignor to Zoffer Plate Glass Manufacturing Company, Charleroi, Pa. Apparatus for grinding, smoothing, and polishing plate-glass. (Reissue).	12,604	Feb. 12	2908	618-19	126	2554
Bagnall, Frederick A., Attleboro, Mass. Clasp.	874,651	Dec. 24	4813	1010	131	2038
Bagnulo, Alberto, Naples, Italy. Rotating motor with rectilinear cylinders.	875,488	Dec. 31	6481	1353	131	2332
Baguley, George T., Toronto, Ontario, Canada. Broiler.	842,749	Jan. 29	6073	1280	126	1694
Bahde, Carl H. A., Milwaukee, Wis. Fish-scaling apparatus.	867,182	Sept. 24	3747	1057	130	1269
Bahn, Gustavus A., Austin, Tex. Apparatus for testing errors of refraction.	859,037	July 2	1132	302	129	385
Bahr, Ewald E., Blair Station, assignor of one-fourth to J. P. Alles, McKeesport, Pa. Metallic tie, rail-fastener, and rail-joint combined.	847,148	Mar. 12	2845	628	127	749
Bähr, Henrika W., Helsingfors, Russia. Fountain-pen.	844,646	Feb. 19	3828	811	126	2812
Baier, Xaver, Munich, Germany. Swinging-lever crank mechanism.	874,285	Dec. 17	4072	859	131	1885
Bail, Vincent, Holyoke, Mass. Counterboring-tool.	843,430	Feb. 5	1167	245	126	2083
Baildon, Frederic N. (See Mellor, William W., assignor.)						
Bailey, Charles A., Cromwell, Conn. Cartridge.	865,853	Sept. 10	1729	481	130	573
Bailey, Charles A., Cromwell, Conn. Cartridge.	869,046	Oct. 22	2897	799	130	2272
Bailey, Charles A., Cromwell, Conn., assignor to National Novelty Corporation, Westfield, N. Y. Toy bank.	844,910	Feb. 19	4360	931	126	2947
Bailey, Charles A., assignor to Best Ammunition Company, Cromwell, Conn. Cartridge.	865,978	Sept. 10	1919	538	130	631
Bailey, Charles E., Providence, R. I. Shoe-tree.	865,979	Sept. 10	1920	538	130	631
Bailey, Charles J., Newton, Mass. India-rubber stopper for bottles.	868,318	Oct. 15	1736	490	130	1885
Bailey, Charles L., Morris, Ind. Ter. Hasp-fastener.	851,212	Apr. 23	5004	1052	127	2972
Bailey, Charles L., deceased, F. C. Hodgman, Hopedale, Mass., and E. H. Bailey, administratrix, Waterbury, Conn., assignors to Draper Company, Hopedale, Mass. Apparatus for applying expansible rings to bobbins.	848,527	Mar. 26	5619	1230	127	1502
Bailey, Cyrus, Chicago, Ill. Manicuring-tool.	870,960	Nov. 12	1746	477-8	131	596
Bailey, D. H., et al. (See Milburn, William M., assignor.)	848,337	Mar. 26	5267	1148	127	1417
Bailey, Daniel S., Rantoul, Ill. Grain-car door.	863,494	Aug. 13	2200	595	129	2801
Bailey, Edward G., et al. (See Hammer, Willie A., assignor.)						
Bailey, Ella H., administratrix. (See Hodgman and Bailey.)						
Bailey, Frank, and F. H. Jackson, London, England. Clutching device.	854,139	May 21	3609	744	128	990
Bailey, Frank, and F. H. Jackson, London, England. Clutching device adapted for use in communicating rotary motion and in controlling the transmission thereof.	873,978	Dec. 17	3395	723	131	1784
Bailey, George F., assignor to Taplin Manufacturing Company, New Britain, Conn. Holding-bracket for egg-beaters.	845,326	Feb. 26	5190	1101	126	3197
Bailey, George M. (See Muirhead, John, assignor.)						
Bailey, George P., Philadelphia, Pa. Machine for kneading and molding dough.	874,480	Dec. 24	4443	937-8	131	1981
Bailey, George W., Washington, D. C. Valve.	874,652	Dec. 24	4814	1010	131	2039
Bailey, Herbert L., assignor to Handy Things Company, Ludington, Mich. Vegetable-cutter.	847,306	Mar. 19	3162	696	127	857
Bailey, Howard C. (See Whitehorne, William R., assignor.)						
Bailey, Howard S., assignor to Mining Milling and Machinery Manufacturing Company, Denver, Colo. Ore-granulator.	858,495	July 2	227	53-8	129	84
Bailey, James F., Valdosta, Ga. Razor.	862,787	Aug. 6	1122	304	129	2426
Bailey, James T., Phoenixville, Pa. Christmas-tree holder.	873,402	Dec. 10	2268	473	131	1559
Bailey, James W., Ottawa, assignor, by mesne assignments, of one-half to R. A. Leach, Chicago, Ill. Musical instrument.	847,307	Mar. 19	3164	696	127	857
Bailey, John J., Victor, Colo. Assayer's pouring-mold.	850,811	Apr. 16	4216	886	127	2735
Bailey, John W., New York, N. Y., assignor, by mesne assignments, to United Lead Company. Lead product.	846,384	Mar. 5	1319	291	127	333
Bailey, John W., Jersey City, N. J., assignor, by mesne assignments, to United Lead Company. Making metallic oxids.	846,444	Mar. 12	1466	326-7	127	400
Bailey, John W., New York, N. Y., assignor, by mesne assignments, to United Lead Company. Apparatus for pulverizing metallic lead.	864,443	Aug. 27	3635	1011	129	3309
Bailey, Joseph A. (See Chandler, Orvin H., assignor.)						
Bailey, Lawson J., Whittier, Cal. Sales-case for tobacco, &c.	849,590	Apr. 9	1941	397	127	2118
Bailey, Percy T., Middletown, R. I. Anchoring device for posts.	844,231	Feb. 12	2725	589	126	2509
Bailey, Samuel L., Brooklyn, N. Y. Fence-bench.	851,112	Apr. 23	4791	1007	127	2920
Bailey, Samuel R., Amesbury, Mass. Belt-shifter.	867,466	Oct. 1	355	102	130	1423
Bailey, Samuel R., Amesbury, Mass. Battery-support for automobiles.	872,213	Nov. 26	4358	1039	131	1097
Bailey, Theodor S., and L. Y. Spear, Quincy, Mass., assignors to Electric Boat Company, Bayonne, N. J. Submarine or submergible boat.	848,872	Apr. 2	560	112	127	1732
Bailey, Thomas M., Madison, Ala. Corn-planter.	840,897	Jan. 8	2224	489	126	609
Bailey, William E., and W. D. Reed, Chicago, Ill. Foot-rest for pianos.	853,671	May 14	2620	544	128	706
Bailey, William F., Minneapolis, Minn. Metallic wheel.	869,956	Nov. 5	115	32	131	38
Bailey, William M., assignor to American Concrete Pole Company, Richmond, Ind. Cementitious pole for supporting overhead wires and the like.	867,335	Oct. 1	168	50	130	1364
Bailey, Wilson, Philadelphia, Pa. Bottle-sealing device.	865,004	Sept. 3	381	103	130	120
Bailor, Albert A., Cohoes, N. Y. Bur-wheel support for knitting-machines.	853,394	May 14	2076	431	128	564
Bailor, Silas E., Tarkio, Mo. Cultivator.	861,629	July 30	5144	1411-12	129	1817
Bailor, Silas E., Tarkio, Mo. Draft-equalizer for cultivators.	872,784	Dec. 3	971	202	131	1321
Bailor, Silas E., and F. M. Ashe, Tarkio, Mo. Two-row cultivator.	862,433	Aug. 6	547	146-7	129	2260
Bain, John A., et al. (See Ries, Frank, assignor.)						
Bain, John M., Peterboro, Ontario, Canada. Automatic chain-drive-regulating device for spinning-machines.	870,075	Nov. 5	312	86	131	105
Bainbridge, Richard W., New York, N. Y. Brake.	855,271	May 28	5836	1217	128	1589
Baines, Frederick E. V., Greenwich, England. Pencil-sharpening machine.	839,806	Jan. 1	13	3	126	5
Baines, Frederick E. V., Blackheath, England. Pencil-sharpener.	857,574	June 25	4152	879	128	2845
Baines, William, Crosby, near Liverpool, England. Motor-cycle.	858,496	July 2	239	58	129	87
Bains, Thomas M., Jr., Philadelphia, Pa., assignor to General Electric Company. Variable-voltage transformer.	865,985	Sept. 17	1932	540	130	665
Bair, Clarence L., San Francisco, Cal. Vehicle-top bow-holder.	866,416	Sept. 17	2567	717	130	865
Bair, Lemuel J., Strasburg, Pa. Hot-air furnace.	845,607	Feb. 26	5714	1210-11	126	3327

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Bair, Samuel H., <i>et al.</i> (See Ottinger, Edwin C., assignor.)						
Baird, Andrew W., Marne, Iowa. Pump.....	868,395	Oct. 15	1860	522	130	1922
Baird, Archie M., Topeka, Kans. Metallic railway-tie.....	858,942	July 2	985	256	129	338
Baird, Charles W., Millersburg, Iowa. Hay-rack.....	850,285	Apr. 16	3201	667	127	2477
Baird, Daniel S., assignor to Business Systems Limited, Toronto, Ontario, Canada. Loose-leaf binder.....	854,622	May 21	4500	938-9	128	1218
Baird, Frank S. (See Carroll and Baird.)						
Baird, Harry D., assignor to Saint Clair Motor Co., Detroit, Mich. Carbureter.....	874,822	Dec. 24	5128	1080	131	2093
Baird, James J., Los Angeles, Cal. Fabric-tufting machine.....	846,717	Mar. 12	2000	440	127	538
Baird, James J., Los Angeles, Cal. Turfing-machine.....	868,521	Oct. 15	2052	756	130	1980
Baird, James J., Los Angeles, Cal. Turfing-machine.....	866,557	Sept. 17	2756	772	130	923
Baird, James J., Los Angeles, Cal. Rug-turfing machine.....	869,407	Oct. 29	3460	950	130	2474
Baird, John R. (See Clough, George W., assignor.)						
Baird, L. W., <i>et al.</i> (See Mapes, William T., assignor.)						
Baird, Robert, West Orange, N. J. Cigarette-wrapper.....	859,038	July 2	1133	302	129	385
Baird, William C. (See Redman, Charles H., assignor.)						
Baird, William T., El Paso, Tex. Uterine supporter.....	860,591	July 16	3488	958	129	1217
Baity, Andrew J., Xenia, Ill. Vehicle-brake.....	864,060	Aug. 20	3044	841	129	3095
Bakehaus, Charles, Sigourney, Iowa. Steam-generator.....	867,631	Oct. 8	621	175	130	1524
Bakehaus, William H. (See Kerber and Bakehaus.)						
Baker, Abram O., St. Louis, Mo. Sash-fastener.....	857,322	June 18	3647	773	128	2690
Baker, Alonzo, Granbury, Tex. Nut-lock.....	847,998	Mar. 26	4653	1014	127	1262
Baker, Andrew J., assignor to J. W. Page, Adrian, Mich. Adjustable roller window-screen.....	843,061	Feb. 5	435	94	126	1904
Baker, Bryon G., Minneapolis, Minn., assignor to J. I. Case Threshing Machine Company, Racine, Wis. Pneumatic stacker.....	873,829	Dec. 17	3121	664	131	1736
Bäker, Carl, Berlin, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Time-fuse.....	854,977	May 28	5237	1091	128	1437
Baker, Charles. (See Beckwith, Seth W., assignor.)						
Baker, Charles A. (See Smith and Baker.)						
Baker, Charles A., Weehawken, N. J., assignor to New York Couch Bed Company, Rome, N. Y. Folding mattress.....	846,445	Mar. 12	1470	327	127	401
Baker, Charles A., and T. L. Smith, assignors to Sterling Wheelbarrow Company, Milwaukee, Wis. Wheelbarrow-wheel.....	869,343	Oct. 29	3362	925	130	2442
Baker, Charles E., Chicago, Ill. Filter or separator for pneumatic cleaners.....	874,481	Dec. 24	4445	938	131	1981
Baker, Charles E., and A. W. Burwell, Cleveland, Ohio. Treating ores.....	841,102	Jan. 15	2667	126	126	767
Baker, Charles E., and A. W. Burwell, Cleveland, Ohio. Treating ores.....	841,103	Jan. 15	2667	126	126	767
Baker, Charles W., Celeste, Tex. Tire-setting machine.....	843,062	Feb. 5	436	94-5	126	1904
Baker, Charles W., Paw Paw, Mich. Rope-buckle.....	867,467	Oct. 1	356	103	130	1423
Baker, Delos R., Delaware, Ohio. Extracting and recovering the volatilizable contents of sedimentary mineral strata.....	849,524	Apr. 9	1820	369	127	2088
Baker, Emeline A., New York, N. Y. Hair-comb.....	849,766	Apr. 9	2250	462	127	2147
Baker, Erle K., and C. G. Hawley, Chicago, Ill. Tread for pneumatic tires.....	865,288	Sept. 3	806	232	130	243
Baker, Erle K., and C. G. Hawley, Chicago, Ill. Pneumatic tire casing or shoe.....	865,326	Sept. 3	867	249	130	263
Baker, Eugene L., Taunton, Mass. Thermometer.....	861,246	July 30	4525	1238	129	1617
Baker, Francis R. (See Myers and Baker.)						
Baker, Francis R., Birmingham, assignor to J. Walker, London, England. Temporary binder.....	857,377	June 18	3757	795	128	2717
Baker, Frank, Syracuse, assignor to Baker Gear Company, Homer, N. Y. Steering mechanism.....	844,232	Feb. 12	2726	582	126	2510
Baker, Frank J., San Francisco, Cal. Wall.....	874,881	Dec. 24	5243	1104	131	2111
Baker, Fred R., Chicago, Ill. Animal-trap.....	854,867	May 28	5025	1045	128	1381
Baker Gear Company. (See Baker, Frank, assignor.)						
Baker, George, <i>et al.</i> (See Halliwan, William, assignor.)						
Baker, George A., Oakland, assignor to G. Gordon, Fruitvale, Cal. Refrigerating device.....	841,104	Jan. 15	2668	584	126	767
Baker, George A., Jr. (See Greene, David R., assignor.)						
Baker, George A., Jr. (See Meyer, Franz, assignor.)						
Baker, George E., Buffalo, N. Y. Cuff-holder.....	867,937	Oct. 15	1138	314	130	1704
Baker, George S., Hammersmith, London, England. Pump particularly adapted for use with wafer-biscuit machines.....	852,694	May 7	653	126	128	171
Baker Gun & Forging Company. (See Schafer, George F., assignor.)						
Baker, Guy S., <i>et al.</i> (See Moriarty, William, assignor.)						
Baker, Harry, and A. T. Smith, Weston Point, England. Treatment of sulfid ores.....	843,986	Feb. 12	2247	481	126	2390
Baker, Harry H., Urbana, Ohio. Wooden building.....	841,759	Jan. 22	3947	853	126	1127
Baker, Henry R., Attleboro, Mass., assignor to R. F. Simmons Company. Catch.....	846,179	Mar. 5	932	197	127	236
Baker, Hubert L., Greenville, and L. E. Irish, Belding, assignors to said Baker, P. Van Deinse, R. F. Sprague, and F. E. Ramey, Greenville, Mich. Rotary engine.....	852,992	May 7	1276	265-6	128	325
Baker, Hugh J., Ambridge, Pa. Stand for ink-bottles.....	871,099	Nov. 19	1967	539	131	699
Baker, Isaac F. (See Libby and Baker.)						
Baker, James H., Allegheny, Pa. Brake-beam.....	850,335	Apr. 16	3304	687	127	2507
Baker, James H., Allegheny, assignor to Solid Steel Tool & Forge Company, Brackenridge, Pa. Brake-shoe head.....	867,183	Sept. 24	3748	1057-8	130	1269
Baker, James H., Allegheny, assignor to Solid Steel Tool & Forge Company, Brackenridge, Pa. Brake-beam.....	867,184	Sept. 24	3749	1058-9	130	1270
Baker, James M., Glendora, Cal. Fruit and vegetable brusher, polisher, washer, and self-feeder.....	842,378	Jan. 29	5247	1113	126	1488
Baker, James R., Arlington, N. J., assignor to Cooper Hewitt Electric Company, New York, N. Y. Sealing for electric apparatus.....	871,772	Nov. 26	3392	833	131	950
Baker, John, Hoopeston, Ill. Fruit and vegetable corer.....	857,512	June 18	4014	855	128	2781
Baker, John A., Galveston, Tex. Electric signaling device.....	863,252	Aug. 13	1863	501	129	2695
Baker, John A., Galveston, Tex. Railway signal device.....	863,495	Aug. 13	2201	595	129	2801
Baker, John A., Seguin, Tex. Audiphone.....	868,245	Oct. 15	1603	455	130	1845
Baker, John S., Evansville, Wis. Ladder.....	869,047	Oct. 22	2898	800	130	2272
Baker, John W. (See Parker, George H., assignor.)						
Baker, Julius, Allegheny, Pa. Vault-light construction.....	874,922	Dec. 31	5372	1123	131	2151
Baker, Linnaeus E., Cleveland, Ohio. Knife for lawn-mowers.....	844,769	Feb. 19	4097	874	126	2882
Baker, Linnaeus E., Cleveland, Ohio. Ratchet mechanism for lawn-mowers.....	844,844	Feb. 19	4244	905	126	2920
Baker, Malcolm H., and F. S. Frisbie, assignors to Multiplex Safety Razor Company, Boston, Mass. Multiple-edge safety-razor.....	847,308	Mar. 19	3165	696	127	857
Baker, Nathan D., Thackery, Ohio. Stretcher.....	865,625	Sept. 10	1363	386	130	446
Baker, Nelson M., Worcester, assignor to American Optical Company, Southbridge, Mass. Eyeglass-mounting.....	841,919	Jan. 22	4280	922	126	1210
Baker, Reuben C., Coalinga, Cal. Well-casing shoe.....	860,115	July 16	2769	756	129	979
Baker, Richard W. (See Marsal and Baker.)						
Baker, Robert D., Las Vegas, Nev. Nut-lock.....	857,782	June 25	4553	963	128	2949

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Baker, Russell M., Seattle, Wash. Sweeping device	871,054	Nov. 12	1883	515	131	639
Baker, Salem A., assignor to Baker-Stewart Door Equipment Company, Indianapolis, Ind. Sliding-door construction	860,959	July 23	4079	1117-18	129	1443
Baker-Stewart Door Equipment Company. (See Baker, Salem A., assignor.)						
Baker-Vawter Company. (See Shoemaker, George A., assignor.)						
Baker, Walter G., Sunnyside, Wash. Current-motor	862,873	Aug. 13	1267	343-4	129	2507
Baker, Wilfred, Aberdeen, S. D. Belt-stretcher	840,191	Jan. 1	811	178	126	217
Baker, Wilfred, Aberdeen, S. D. Steam-valve	841,218	Jan. 15	2875	626	126	818
Baker, Wilfred, Aberdeen, S. D. Metal steam-packing ring	870,709	Nov. 12	1323	362	131	465
Baker, William, Youngstown, Ohio. Separator	873,484	Dec. 10	2407	506-7	131	1578
Baker, William H., Olympia, Wash. Car-stake	864,221	Aug. 27	3300	915	129	3203
Baker, William H., assignor of three-fifths to J. Peterson, Lockport, N. Y. Insulating covering or sheathing for contact-rail conductors	856,385	June 11	1884	388	128	2207
Baker, William H., assignor of three-fifths to J. Peterson, Lockport, N. Y. Insulating covering or sheathing for contact-rail conductors	873,705	Dec. 17	2849	606	131	1694
Baker, William H., assignor of one-half to J. P. Frisbie, Bridgeport, Conn. Meat-tender	866,106	Sept. 17	2122	591	130	724
Baker, William J., Newport, Ky. Laundry-tag	841,217	Jan. 15	2874	625	126	818
Baker, Winthrop D., Brockton, Mass. Tire	871,159	Nov. 19	2104	565	131	718
Baker, Winthrop D., assignor to Protector Last Reinforcing Company, Brockton, Mass. Reinforced last for boots and shoes	870,760	Nov. 12	1420	385	131	492
Bakken, Albert T., McIntosh, Minn. Threshing-machine	857,147	June 18	3322	700-1	128	2607
Bakos, John M., South Milwaukee, Wis. Tobacco-smoking pipe	866,417	Sept. 17	2568	717	130	866
Balbach, Carl E., Omaha, Nebr. Adjustable platform for windows	860,073	July 16	2720	741	129	964
Balch, John, Newark, N. J. Conduit-tile	875,489	Dec. 31	6482	1354	131	2333
Balch, Samuel W., Montclair, N. J., assignor to F. Recht, Brooklyn, N. Y. Machine for applying caps to bottles	860,513	July 16	3363	923-4	129	1176
Balch, Ulin S., Cartersville, Mo. Steel metallic belting	856,565	June 11	2225	458	128	2291
Balch, William H., Philadelphia, Pa. Wheel-brake	862,788	Aug. 6	1123	305	129	2427
Balcom, Frank G., et al. (See Clark, Frank M., assignor.)						
Balcom, George F. (See Balcom, Henry N. and G. F.)						
Balcom, Henry N. and G. F., Chicago, Ill. Device for attaching rubber disks to bottle-stoppers	861,697	July 30	5242	1441	129	1845
Balcome, Herbert A., Boston, Mass., assignor to Holtzer Cabot Electric Company. Motor-clutch	860,116	July 16	2770	756	129	979
Baldassini, August, Cupertino, Cal. Apparatus for oiling windmills	845,676	Feb. 26	5872	1240	126	3365
Baldauf, Josef, Oberstaufen, Germany. Cycle-sled	850,125	Apr. 16	2917	609	127	2402
Balding, Victor C., Little Rock, Ark. Telegraph apparatus	856,837	June 11	2725	565	128	2417
Baldridge, May. (See Bacon and Baldridge.)						
Baldwin, Steph G., Marion, Ind. Ink-well	864,061	Aug. 20	3045	841	129	3095
Baldwin, Arthur J., East Orange, N. J. Apparatus for making sheet-glass with or without an embedded strengthening structure	843,860	Feb. 12	2012	432	126	2330
Baldwin, Arthur J., East Orange, N. J. Apparatus for making wire-glass	846,771	Mar. 12	2116	464-5	127	569
Baldwin, Arthur J., East Orange, N. J. Making wire-glass	847,637	Mar. 19	3365	844	127	1036
Baldwin, Arthur J., East Orange, N. J. Machine for making wire-glass	847,878	Mar. 19	4358	955	127	1154
Baldwin, Arthur J., East Orange, N. J. Apparatus for making wire-glass	858,368	July 2	9	3-4	129	5
Baldwin, Arthur J., East Orange, N. J. Making wire-glass	874,380	Dec. 24	4261	898	131	1948
Baldwin, Charles F., Fond du Lac township, Tazewell county, Ill. Ridge-roll machine	842,994	Feb. 5	307	67	126	1866
Baldwin, Charles L., Waterloo, Iowa. Tile-machine	852,095	Apr. 30	6836	1426	127	3466
Baldwin, Charles L., Waterloo, Iowa. Concrete-mixer	853,945	May 21	3219	660	128	893
Baldwin, Charles S., San Francisco, Cal. Pneumatic carpet-cleaning device	862,695	Aug. 6	987	263	129	2387
Baldwin, Clarence K. (See Robins and Baldwin.)						
Baldwin, Clarence K., and I. Moss, New York, N. Y. Tripper or deliverer for conveyers	847,309	Mar. 19	3167	697	127	857
Baldwin, Cloise H., assignor of two-thirds to W. R. Cline and T. K. Reece, Erie, Kans. Stroke-varying mechanism	849,185	Apr. 2	1163	234	127	1885
Baldwin, Daniel R., Ravensden Springs, Ark. Farrier's knife	850,720	Apr. 16	4057	848	127	2196
Baldwin, David M., Jonesboro, Ark. Show-case	873,403	Dec. 10	2269	473	131	1560
Baldwin, Edwin A., Schenectady, N. Y., assignor to General Electric Company. Lightning-arrester connection	840,036	Jan. 1	483	105	126	131
Baldwin, Ellory A., West Upton, Mass. Lock mechanism	841,219	Jan. 15	2876	626	126	819
Baldwin, Henry S., Lynn, Mass., assignor to General Electric Company. Steering-wheel pivot for automobiles	873,147	Dec. 10	1752	368	131	1475
Baldwin, Henry S., Lynn, Mass., assignor to General Electric Company. Nozzle for elastic-fluid turbines	874,923	Dec. 31	5373	1124	131	2151
Baldwin, Herbert Y., Seymour, Conn. Safety-stop for elevators	842,294	Jan. 29	5051	1077-8	126	1432
Baldwin, James L., Chicago, Ill. Cash and parcel carrier	856,189	June 4	1421	301	128	2050
Baldwin, John H., Beaumont, Tex. Nut-lock	844,993	Feb. 19	4499	959	126	2963
Baldwin, Major E., Chicago, Ill. Arch for furnaces and fire-boxes	855,495	June 4	100	20	128	1720
Baldwin, Nathaniel, Heber, Utah. Sound-amplifier	869,288	Oct. 29	3263	898	130	2414
Baldwin, Newton, Coldwater, Mich. Molding-machine	847,454	Mar. 19	3481	762	127	936
Baldwin, Norman. (See Eckenrode and Baldwin.)						
Baldwin, Rollin A., New Haven, Conn., assignor to Baldwin & Rowland Switch & Signal Company. Recording signal-transmitter	841,105	Jan. 15	2669	584	126	767
Baldwin, Rollin A., New Haven, Conn., assignor to Baldwin & Rowland Switch & Signal Company. Circuit-closing device	853,618	May 14	2522	523	128	681
Baldwin & Rowland Switch & Signal Company. (See Baldwin, Rollin A., assignor.)						
Baldwin, Stephen W., New York, N. Y. Coiling-machine	851,152	Apr. 23	4879	1026-7	127	2942
Baldwin, Thomas S., San Francisco, Cal. Air-ship	851,481	Apr. 23	5545	1161-2	127	3106
Baldwif, William J., New York, N. Y. Dust-separating blower	845,044	Feb. 26	4618	982	126	3051
Baldwin, William J., New York, N. Y. Separating fine suspended particles from air and other gases	853,619	May 14	2525	523	128	682
Bale, John M. (See Roach, John R., assignor.)						
Bales, Thomas M., Dublin, Ind. Grain cleaner and separator	854,623	May 21	4502	939	128	1218
Balfour, Robert, Ottawa, Ontario, Canada. Pile-driver	859,723	July 9	2169	586	129	755
Balke, Charles R. (See Tector, John M., assignor.)						
Balkwill, George W., assignor to Semisteel Company, Cleveland, Ohio. Brick-press	855,222	May 28	5745	1196-7	128	1564
Ball, Albert, assignor to Sullivan Machinery Company, Claremont, N. H. Engine	842,128	Jan. 22	4674	1003	126	1304
Ball, Albert, and T. Officer, assignors to Sullivan Machinery Company, Claremont, N. H. Engine	842,127	Jan. 22	4670	1002-3	126	1303
Ball, Albert, and T. Officer, assignors to Sullivan Machinery Company, Claremont, N. H. Pressure-actuated valve for engines	842,129	Jan. 22	4677	1003	126	1305
Ball, Alton W., and M. T. Seymour, Stow, N. Y. Lightning-arrester	851,392	Apr. 23	5380	1128	127	3068
Ball, Augustus A. (See Cox and Ball.)						
Ball, Augustus A., Jr., Lynn, Mass., assignor to General Electric Company. System of regulation for generators and burners	841,760	Jan. 22	3948	853	126	1127

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Ball, Cutler T., Decatur, Ill. Combined applicator and dilator.....	866,180	Sept. 17	2222	620	130	755
Ball Engine Company, (See Smith, John W., assignor.)						
Ball, F. E., <i>et al.</i> (See Dennis, John J., assignor.)						
Ball, Francis E., Chicago, Ill. Bath-tub shower attachment.....	871,663	Nov. 19	3164	784	131	885
Ball, Henry P., Schenectady, N. Y., assignor of one-half to S. Insull, Chicago, Ill. Tone producing and recording instrument.....	849,453	Apr. 9	1646	333	127	2046
Ball, Henry P., New York, N. Y., assignor of one-half to S. Insull, Chicago, Ill. Music-roll for mechanical musical instruments.....	850,892	Apr. 23	4400	921	127	2824
Ball, Henry P., Schenectady, N. Y., assignor of one-half to S. Insull, Chicago, Ill. Reproducing musical compositions.....	852,312	Apr. 30	7228	1518-19	127	3563
Ball, Henry P., New York, N. Y., assignor of one-half to S. Insull, Chicago, Ill. Music-roll for mechanical musical instruments.....	855,038	May 28	5376	1117	128	1471
Ball, Henry P., New York, N. Y., assignor to General Electric Company. Knife-switch.....	873,005	Dec. 10	1467	305	131	1428
Ball, Henry P., New York, N. Y., assignor to General Electric Company. Rheostat.....	874,006	Dec. 10	1468	305	131	1429
Ball, Herman F., New York, N. Y. Operating mechanism for dumping-cars.....	849,920	Mar. 5	406	82-3	127	105
Ball, Jacob. (See Bechtel and Ball.)						
Ball, James, Chicago, Ill. Combined shoe shank and ventilator.....	853,336	May 14	1972	408	128	539
Ball, James, Louisa, Ky. Gas-burner.....	873,485	Dec. 10	2412	507	131	1587
Ball, Norman Z. (See Ledoux and Ball.)						
Ball, Robert R., Westfield, assignor to K. K. Stearns, Elizabeth, N. J. Vending-machine.....	843,127	Feb. 5	592	125	126	1946
Ball, Webster C. (See Faller, Lewis A., assignor.)						
Ball, William R., Richmond, Va. Tie.....	865,559	Sept. 10	1265	358	130	414
Ball, William R. A. (See Watt, Herbert H., assignor.)						
Ball, William R. A., St. Thomas, N. D. Chimney-cowl.....	846,446	Mar. 12	1471	327	127	401
Ball, William R. A., St. Thomas, N. D. Bowling-alley attachment.....	848,619	Apr. 2	4	1	127	1585
Ball, Wilson S., <i>et al.</i> (See Hanlon, Daniel B., assignor.)						
Balla, Maurice, and D. Stein, Noriolk, Va. Necktie-fastener.....	869,683	Oct. 29	3914	1077	130	2613
Ballard, Arthur F., Sequendo, Colo. Expanding piston-packing.....	847,455	Mar. 19	3482	762	127	937
Ballard, Charles M., <i>et al.</i> (See Reese, John E., assignor.)						
Ballard, Charley E., Guthrie Center, Iowa. Animal-muzzle.....	871,555	Nov. 19	2980	743	131	852
Ballard, Clarence D., Elgin, Ohio. Valve.....	840,286	Jan. 1	999	218	126	269
Ballard, Edward L., New York, N. Y. Passenger-elevator.....	849,357	Apr. 9	1481	301	127	2000
Ballard, George L., assignor to Wildman Mfg. Co., Norristown, Pa. Cloth-cutting machine.....	861,793	July 30	5402	1489	129	1893
Ballard, George L., assignor to Wildman Manufacturing Company, Norristown, Pa. Cloth-cutting machine.....	873,285	Dec. 10	2015	422	131	1519
Ballard, Harrie A., Ashland, assignor, by mesne assignments, to Boylston Manufacturing Company, Boston, Mass. Machine for tacking shoes.....	844,647	Feb. 19	3830	812	126	2813
Ballard, Harrie A., Ashland, assignor, by mesne assignments, to Boylston Manufacturing Company, Boston, Mass. Mechanical motion.....	867,866	Oct. 8	978	280	130	1632
Ballard, Harrie A., Ashland, assignor to Boylston Manufacturing Company, Boston, Mass. Chain-stitch shoe-sewing machine.....	873,486	Dec. 10	2413	507-8	131	1587
Ballard, Milton H., Lynn, Mass., assignor to Tripp Fruit Wrapping Machine Co., San Francisco, Cal. Paper-feeding device for wrapping-machines.....	847,393	Mar. 19	3357	735	127	905
Ballard, Milton H., assignor to Tripp Fruit Wrapping Machine Company, Lynn, Mass. Feeding device for paper.....	847,977	Mar. 19	4570	1004	127	1203
Ballard, Milton H., Lynn, Mass., assignor to Tripp Fruit Wrapping Machine Co., San Francisco, Cal. Gearing.....	851,213	Apr. 23	5004	1052	127	2972
Ballard, Milton H., Lynn, Mass., assignor to Tripp Fruit Wrapping Machine Company, San Francisco, Cal. Wrapping-machine.....	851,214	Apr. 23	5006	1053	127	2972
Ballard, Milton H., Lynn, Mass., assignor to Tripp Fruit Wrapping Machine Co., San Francisco, Cal. Wrapping-machine.....	859,190	July 9	1354	359	129	487
Ballard, Milton H., Lynn, Mass., assignor to Tripp Fruit Wrapping Machine Co., San Francisco, Cal. Paper-cutting device.....	859,191	July 9	1356	360	129	488
Ballard, Milton H., assignor to Tripp Fruit Wrapping Machine Company, Lynn, Mass. Paper-cutting device for wrapping-machines.....	859,537	July 9	1880	505	129	662
Ballenger, Benjamin, <i>et al.</i> (See Richmond, Edward J., assignor.)						
Ballentine, William I., Philadelphia, Pa. Testing the hardness and density of metals and other materials.....	855,923	June 4	940	195	128	1931
Ballewski, Albert, Magdeburg, and W. Wessel, Berlin, Germany. Spark-arrester.....	854,016	May 21	3347	687	128	927
Balliett, Byron J., Mansfield, Ohio. Suspender-link.....	843,987	Feb. 12	2255	481	126	2391
Ballin, Frederick A., Portland, Oreg. Water-tower.....	852,213	Apr. 30	7063	1476	127	3524
Ballintine, Frank J., Kansas City, Mo., assignor to Parker-Washington Co., Charlestown, W. Va. Combination blast and exhaust heating device.....	864,062	Aug. 20	3045	841-2	129	3095
Ballou, Ernest S., Des Moines, Iowa. Focusing attachment.....	873,204	Dec. 10	1869	392	131	1493
Ballou, Willis D., Belding, Mich. Packing-case.....	862,533	Aug. 6	736	197	129	2312
Ballreich, Charles, Pueblo, Colo. Safety-razor.....	855,608	June 4	317	65	128	1776
Bally, Oscar, Mannheim, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyeing textile fiber violet blue.....	840,419	Jan. 1	1274	279	126	334
Balson, Frank, Omaha, Nebr. Gun-stock.....	856,016	June 4	1101	229	128	1972
Baltimore Elevator Safety Lock Company. (See Dashiell, Milton, assignor.)						
Baltz, Adam. (See Baltz, Ferdinand, assignor.)						
Baltz, Ferdinand, assignor of one-half to A. Baltz, McMechen, W. Va. Building-block.....	861,348	July 30	4701	1234	129	1680
Balzer, August, New York, N. Y. Vehicle-numbering device.....	860,074	July 16	2721	741	129	964
Banaberger, Alfred H., New York, N. Y. Umbrella.....	867, 27	Oct. 1	1	1	130	1317
Banana Food Products Company. (See Lewis, Sylvester G., assignor.)						
Bancroft, John S., assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Mold for type-machines.....	857,712	June 25	4415	932-3	128	2914
Bancroft, John S., assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Keyboard mechanism for perforating-machines.....	871,080	Nov. 12	1920	526-7	131	649
Bancroft, John S., assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Keyboard mechanism for perforating and other machines.....	871,081	Nov. 12	1923	527	131	651
Bancroft, Philburt W. (See Clapp and Bancroft.)						
Bancroft, Wilfred, assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Record strip or controller for composing, type-casting, and other machines.....	857,974	June 25	4961	1049	128	3051
Bandimere, Charles, Carver, Minn., assignor to F. E. Bandimere, Groton, S. D. Post-driver.....	858,322	June 25	5623	1205	128	3219
Bandimere, Fred E. (See Bandimere, Charles, assignor.)						
Bane, Roy F. (See Bowles and Kammerich, assignors.)						
Banford, James, Brooklyn, N. Y. Poison-bottle.....	862,379	Aug. 6	443	120	129	2225
Banghart, Charles S. (See Fuller and Banghart.)						
Bangley, Joseph L., assignor of one-third to M. W. Lloyd, Suffolk, Va. Protector for peanut-shocks.....	840,420	Jan. 1	1275	279	126	334
Bangs, David E., Medford, Mass. Briquet-machine.....	855,379	May 28	6020	1256	128	1635

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Bangs, Ted H., Albuquerque, N. Mex. Ter. Tooth-brush.....	860,435	July 16	3256	890	129	1139
Bangs, William, Fort Fred Steele, Wyo. Shoal-indicator.....	871,556	Nov. 19	2981	743	131	852
Banister, William A., and D. M. Lake, Newark, N. J. Indicator.....	857,857	June 25	4703	998	128	2985
Bankhead, William R., Bremerton, Wash. Telephone-receiver.....	863,253	Aug. 13	1864	502	129	2695
Banks, Charles H., Norfolk, Va. Means for throwing life-lines.....	854,624	May 21	4504	939	128	1219
Banks, Charles H., Atlanta, Ga. Hammock-support.....	873,652	Dec. 10	2738	580	131	1643
Banks, Henry, Littleton, Colo. Cushioning-hub for vehicles.....	861,424	July 30	4835	1326	129	1721
Banks, John E., <i>et al.</i> (See Tory, Shinzo, assignor.)						
Banks, Olinions O., (See Davidson, John R., assignor.)						
Banks, Olinions O., <i>et al.</i> (See Davidson, John R., assignor.)						
Bankston, Richard C., <i>et al.</i> (See Menasco, Charles J., assignor.)						
Bannatyne, Archibald, assignor to Bannatyne Watch Co., Waterbury, Conn. Stem-winding and stem-setting watch.....	864,402	Aug. 27	3563	990	129	3284
Bannatyne, Archibald, assignor to Bannatyne Watch Co., Waterbury, Conn. Watch.....	864,822	Sept. 3	89	25	130	29
Bannatyne Watch Co. (See Bannatyne, Archibald, assignor.)						
Bannerman, Alexander R., W. Summerton, and D. MacDonald, Winnipeg, Manitoba, Canada. Pneumatic truck.....	860,622	July 23	3561	977	129	1275
Banning, Felix, Düren-on-the-Rhine, Germany. Guard for swinging shafts.....	858,557	July 2	330	81	129	119
Banning, Grace M., Chicago, Ill. Metal-enameling.....	869,155	Oct. 22	3055	843	130	2321
Banning, Joseph O., Zanesville, Ohio. Air-compressor.....	844,648	Feb. 19	3833	812	126	2814
Bannon, Henry, Elwood, Ind. Molding-machine.....	846,279	Mar. 5	1112	242	127	282
Bánó, Ladislav de. (See Gálcsy, Bánó, and Terény.)						
Bands, José F. y, Barcelona, Spain. Apparatus for utilizing the motion of sea-water for motive-power purposes.....	852,661	May 7	582	111	128	152
Barabasz, Mieczyslaw, Baltimore, Md. Buckle.....	840,192	Jan. 1	812	178	128	217
Barabasz, Mieczyslaw, Baltimore, Md. Attachable stitchless buckle.....	844,082	Feb. 12	2419	518	126	2430
Baragwanath, Henry D., Chicago, Ill. Barometric condenser.....	865,577	Aug. 20	2322	636	129	2856
Barbeau, Malcolm L., assignor to S. Howes Company, Silver Creek, N. Y. Distributer for grain-separators.....	852,050	Apr. 30	6762	1407	127	3448
Barber, Albert H., assignor of one-half to J. M. Mullen, Westertown, N. Y. Electric regulator.....	869,684	Oct. 29	3915	1077	130	2613
Barber, Allan J., Woonsocket, R. I. Educational appliance.....	874,152	Dec. 17	3797	800	131	1841
Barber Asphalt Paving Company. (See Fowler, John C., assignor.)						
Barber Asphalt Paving Company. (See Rake and Richardson, assignors.)						
Barber Asphalt Paving Company. (See Richardson and Forrest, assignors.)						
Barber Asphalt Paving Company. (See Smith, Frank B., assignor.)						
Barber Asphalt Paving Company. (See Wardell, Henry R., assignor.)						
Barber, Charlie C. (See Barber, William T. and C. C.)						
Barber, Earl E. (See Grover and Barber.)						
Barber, George D., trustee. (See Fontaine, John B., assignor.)						
Barber, George T., assignor to F. Dittmar, Philadelphia, Pa. Hinge for surgical and other instruments.....	847,542	Mar. 19	3648	803	127	982
Barber, H. B. (See Lake, Golladay, assignor.)						
Barber, Herman, Elwood, Ind. Liquid-distributing apparatus.....	855,496	June 4	101	21	123	1720
Barber, Howard M., Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Web-folding machine.....	857,575	June 25	4153	879-80	128	2845
Barber, Howard M., Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Paste-fountain for printing-presses.....	866,181	Sept. 17	2223	620	130	756
Barber, Howard M., Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Variable-size-sheet cutting and feeding mechanism.....	873,341	Dec. 10	2155	450-1	131	1539
Barber, Howard M., Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Rotary printing-press.....	873,979	Dec. 17	3398	723-5	131	1784
Barber, James T., Brooklyn, N. Y. Engine-starting mechanism.....	874,153	Dec. 17	3799	800	131	1841
Barber, James T., Brooklyn, assignor to Barber Stuffing Machine Company, New York, N. Y. Sausage-stuffing machine.....	859,192	July 9	1357	360-1	129	489
Barber, John C., Chicago, Ill. Antifriction lateral-motion center-bearing.....	846,892	Mar. 12	2375	522	127	634
Barber, John C., Chicago, Ill. Antifriction center-bearing.....	846,893	Mar. 12	2377	523	127	635
Barber, John C., Chicago, Ill. Antifriction center-bearing.....	846,894	Mar. 12	2378	523	127	635
Barber, John C., Chicago, Ill. Antifriction center-bearing for cars.....	860,275	July 16	3006	823	129	1058
Barber, John C., Chicago, Ill. Car-truck.....	863,012	Aug. 13	1470	400	129	2872
Barber, John C., Chicago, Ill. Combined center and side bearing for cars.....	865,986	Sept. 17	1933	541	130	665
Barber, John C., Chicago, Ill. Antifriction center-bearing cars.....	867,000	Sept. 24	3443	975	130	1177
Barber, John C., Chicago, Ill. Antifriction center-bearing for cars.....	869,685	Oct. 29	3917	1078	130	2613
Barber, John C., Chicago, Ill. Antifriction lateral-motion center-bearing.....	871,200	Nov. 19	2185	581	131	732
Barber, John C., Chicago, Ill. Side bearing for cars.....	873,404	Dec. 10	2270	473	131	1560
Barber, John C., Chicago, Ill. Car-truck.....	875,565	Dec. 31	6619	1385	131	2356
Barber, John C., Chicago, Ill. Car-truck.....	875,566	Dec. 31	6622	1385-6	131	2356
Barber, Lee W., Chicago, Ill. Side bearing for cars.....	858,779	July 2	719	190	129	249
Barber, Sherman, Chicago, Ill. Nut-lock.....	857,223	June 18	3466	731	128	2644
Barber Stuffing Machine Company. (See Barber, James T., assignor.)						
Barber, William E., Hope Valley, R. I. Combined strap and protector for harness-buckles, &c.....	871,557	Nov. 19	2982	743	131	853
Barber, William J., assignor of one-half to C. E. Boulton, Honeoye Falls, N. Y. Powder-distributer.....	846,718	Mar. 12	2001	440	127	538
Barber, William T. and C. C., Shelbyville, Tenn. Photographic shutter.....	856,836	June 11	2722	564	128	2417
Barbo, Michael, Butte, Mont. Angle-measuring tool.....	847,720	Mar. 19	4024	879	127	1075
Barcelo Manufacturing Company. (See Vallone, Charles, assignor.)						
Barceloux, Louis, St. Guillaume Station, Quebec, Canada. Track gage and level.....	842,379	Jan. 29	5249	1114	126	1488
Barclay, Brown and Bird. (See Wallace, George V., assignor.)						
Barclay, David. (See Flint, Charles E., assignor.)						
Barclay, David. (See Schmitz, Gerhard, assignor.)						
Barclay, John C., New York, N. Y. Telegraphy.....	848,221	Mar. 26	5013	1096	127	1354
Barclay, John C., New York, N. Y. Insulator.....	867,901	Oct. 8	1046	297	130	1652
Barclay, John C., assignor to Western Union Telegraph Company, New York, N. Y. Telegraph-transmitter.....	867,900	Oct. 8	1042	296-7	130	1651
Barclay, John C., assignor to Western Union Telegraph Company, New York, N. Y. Printing-telegraph.....	875,643	Dec. 31	6884	1437	131	2383
Barcus, Miner, Schenectady, N. Y., assignor to General Electric Company. Windings for electrical apparatus.....	856,566	June 11	2226	458	128	2291
Bard, Otto L. (See Forsell, Axel E., assignor.)						
Bardill, John O., Herculaneum, Mo. Bomb for use in metallurgical operations.....	868,904	Oct. 22	2673	739	130	2202
Bardon, Thomas. (See Wiberg, Charles E., assignor.)						
Bardsley, George H., Philadelphia, Pa. Nozzle-wagon.....	840,287	Jan. 1	1000	219	126	269
Bardsley, Joseph, Montclair, and A. J. Rosentreter, Boonton, N. J.; said Rosentreter assignor to said Bardsley. Door check and closer.....	851,640	Apr. 30	5887	1230-1	127	3224

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Bardsley, William, <i>et al.</i> (See Hector, Andre, assignor.)						
Bardwell, Arthur F., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Hoisting apparatus.....	845,506	Feb. 26	5543	1175	126	3285
Bardwell, Arthur F., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Machine for duplicating keys.....	866,418	Sept. 17	2569	717-18	130	866
Bardwell, Arthur F., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Padlock.....	869,475	Oct. 29	3573	979	130	2509
Baré, Reuben H., Orcutt, assignor of one-half to H. H. Lewis, Los Angeles, Cal. Oil-well cleaner.....	845,677	Feb. 26	5874	1240	126	3366
Bargamin, Clifford, assignor to Novelty Manufacturing Corporation, Newport News, Va. Mechanic's furnace.....	862,958	Aug. 13	1390	378	129	2546
Barham, William H., Moody, Tex. Attachment for cultivator-beams.....	864,286	Aug. 27	3398	945	129	3233
Barhoff, Fred W. (See Bigsby and Barhoff.)						
Barhorst, Anthony. (See Scheuermann, George J., assignor.)						
Bariani, Joseph B., Encampment, Wyo. Protector for bucket-fasteners.....	850,556	Apr. 16	3728	779	127	2615
Bariffi, Martin, New York, N. Y. Syringe.....	852,154	Apr. 30	6951	1452	127	3494
Baringer, Willy, Berlin, Germany. Rendering Manila copal, &c., insoluble in oil.....	854,071	May 21	3476	128	959	
Baris, Joseph, Chicago, Ill. Horseshoe.....	861,698	July 30	5243	1441	129	1845
Barkelew, Abner F. (See Breath, William L., assignor.)						
Barker, Alfred, Philadelphia, Pa. Massage implement.....	868,522	Oct. 15	2053	576	130	1980
Barker, Amos M., Franklin, Nebr. Cultivator.....	847,879	Mar. 19	4359	955	127	1155
Barker, Carey D., Westfield, Ind. Hay-carrier.....	843,580	Feb. 12	1501	318	126	2201
Barker, Clarence I. J., David City, Nebr. Trellis.....	870,864	Nov. 12	1578	434	131	543
Barker, Daniel, North Bay, Ontario, Canada. Horseshoe.....	866,558	Sept. 17	2758	772	130	923
Barker, England J., Morgan Park, Ill. Type-writer.....	870,336	Nov. 5	735	197-8	131	241
Barker, Eugene, Batavia, N. Y. Clamp-bar.....	874,724	Dec. 24	4965	1043	131	2062
Barker, Eugene, Batavia, N. Y. Clamp-bar.....	874,725	Dec. 24	4966	1043	131	2062
Barker, George H., Pasadena, Cal. Game-counter.....	852,758	May 7	769	152	128	200
Barker, James, Detroit, Mich. Ledger-leaf.....	854,710	May 28	4706	979	128	1299
Barker, James R., Green Valley, Ill. Automobile-wheel.....	856,757	June 11	2590	531	128	2385
Barker, James T., West Plains, Mo. Trace-buckle.....	844,707	Feb. 19	3958	839	126	2845
Barker, John F., Springfield, Mass. Measuring apparatus for gasoline or other oils.....	870,154	Nov. 5	436	119	131	143
Barker, Joseph, Carson City, Nev. Windmill.....	842,054	Jan. 22	4535	975	126	1270
Barker, Joseph C., Oblong, Ill. Animal-trap.....	845,921	Mar. 5	409	83	127	105
Barker, Lewis W., and J. Jackson, Clinton, Iowa. Chair.....	847,880	Mar. 19	4361	956	127	1155
Barker, Mathew W., Clarksville, Tenn. Stove.....	842,995	Feb. 5	310	67	126	1867
Barker, Ralph E., Lynn, Mass., assignor to General Electric Company. Electric motor.....	850,203	Apr. 16	3061	642	127	2459
Barker, Ralph E., Lynn, Mass., assignor to General Electric Company. Brush-holder.....	851,793	Apr. 30	6191	1293	127	3302
Barker, Ralph E., Lynn, Mass., assignor to General Electric Company. Variable reactive coil.....	868,752	Oct. 22	2447	677	130	2132
Barker, Richard F., and C. G. McCumber, Adams, N. Y. Chemical fire-extinguisher.....	840,462	Jan. 8	1359	301	126	395
Barker, Wendell A., Chicago, Ill. Friction-lock.....	843,253	Feb. 5	859	175	126	2013
Barker, William C., New York, N. Y., assignor to Bucher & Gibbs Plow Co., Canton, Ohio. Spindle or hub for agricultural implements.....	840,288	Jan. 1	1002	219	126	269
Barker, William F., Somerville, Mass. Swivel-tip for electric conductors.....	845,288	Feb. 26	5120	1885	126	3181
Barlow, Alfred S., Wheatfield, Ind. Stove-truck.....	865,987	Sept. 17	1935	541	130	665
Barlow, Arthur E., Worcester, Mass. Cop and cop-holder for wire-netting machines.....	875,404	Dec. 31	6321	1318	131	2305
Barlow, Cassius U., Oakland, Cal. Cooker.....	848,528	Mar. 26	5620	1230	127	1502
Barlow, George W., Shrewsbury, N. J. Device for operating brakes and brake-rods.....	840,193	Jan. 1	813	178	126	217
Barlow, John B., Grand Rapids, Mich. Loose-leaf binder.....	847,039	Mar. 12	2646	583	127	701
Barlow, John H., New Haven, Conn. Bullet.....	847,149	Mar. 12	2847	628	127	749
Barlow, W. S. (See Bryan, William S., assignor.)						
Barnan, Arthur, <i>et al.</i> (See Rodgers, John F., assignor.)						
Barnore, Nathaniel L., assignor to F. H. Hill Company, Chicago, Ill. Box-handle.....	849,358	Apr. 9	1482	301	127	2000
Barnore, Nathaniel L., Chicago, Ill. Swelled bar for casket-handles.....	867,336	Oct. 1	170	50	130	1364
Barnard, Arthur W., Newton Center, assignor to Barnard Company, Boston, Mass. Dash-pot.....	842,055	Jan. 22	4538	976	126	1271
Barnard, Arthur W., Newton Center, assignor to Barnard Company, Boston, Mass. Pendulum.....	842,130	Jan. 22	4681	1004	126	1306
Barnard, Arthur W., Newton Center, assignor to Barnard Company, Boston, Mass. Weighing-scale.....	842,131	Jan. 22	4682	1004-5	126	1307
Barnard, Charles S. (See Bassick and Barnard.)						
Barnard, Christmas S. H. (See Clapp, George W., assignor.)						
Barnard Company. (See Barnard, Arthur W., assignor.)						
Barnard, Davis, assignor to Barnard Light and Heat Company, Los Angeles, Cal. Acetylene-generator.....	851,613	Apr. 23	5810	1215	127	3173
Barnard, Frank P., assignor to Woodman-Davis Company, Worcester, Mass. Dentifrice.....	840,738	Jan. 8	1916	126	533	
Barnard Heat and Light Company. (See Barnard, Davis, assignor.)						
Barnard, Henry R., East Orange, N. J. Cooking utensil.....	847,225	Mar. 12	3006	663	127	789
Barnard and Leas Manufacturing Company. (See Cornwall, John B., assignor.)						
Barnard, Thomas K. (See Revell, Roland, assignor.)						
Barnard, William L., St. Louis, Mo. Pneumatic wheel.....	845,842	Mar. 5	211	43	127	55
Barnea, Charles C., Rochester, N. Y. Display-receptacle.....	861,934	July 30	5600	1547	129	1952
Barnea, Charles C., Rochester, N. Y., assignor to Mandeville & King Co. Display device.....	861,935	July 30	5601	1548	129	1953
Barnes, Arthur S., Batavia, N. Y. Engine.....	843,384	Feb. 5	1094	226	126	2067
Barnes, Charles D., assignor of two-thirds to J. E. Crooks and J. A. Hanson, Kansas City, Mo. Beehive.....	867,337	Oct. 1	170	50	130	1364
Barnes, Charles H. (See Miller and Barnes.)						
Barnes, Dora E., Hays, Kans. Sash lock and support.....	848,953	Apr. 2	692	139	127	1764
Barnes, Earl O., Brooklyn, N. Y. Vehicle-wheel.....	849,525	Apr. 9	1822	369	127	2089
Barnes, Edwin, Boston, assignor to W. Firth, Brookline, Mass. Warp stop-motion for looms.....	851,337	Apr. 23	5269	1104	127	3039
Barnes, Edwin G., Oakes, N. D. Vending-machine.....	845,045	Feb. 26	4620	983	126	3052
Barnes, Emmet D., Traverse City, Mich. Radiator vent attachment.....	847,456	Mar. 19	3483	762	127	937
Barnes, Ernest A., Stawell, Victoria, Australia. Means for perforating to safeguard checks and for other purposes.....	849,312	Apr. 2	1383	279	127	1940
Barnes, Everitte K., Rockford, Ill. Lubricator.....	853,946	May 21	3321	660-1	128	893
Barnes, Frank S., Suffern, N. Y. Reamer attachment for die-stocks.....	849,880	Apr. 9	2477	509	127	2255
Barnes, Frederick W., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic developing apparatus.....	866,321	Sept. 17	2431	679	130	821
Barnes, George A., New Haven, Conn., assignor to Diamond Match Company, Chicago, Ill. Box-machine.....	860,845	July 23	3889	1065-6	129	1380
Barnes, George I., assignor of two-thirds to J. H. Yerkes and A. E. Frye, Highlands, Cal. Ball-bearing rail.....	853,620	May 14	2526	524	128	682

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Barnes, Harry. (See McCormick and Barnes.)						
Barnes, Herminia M. M., Ludlow, England. Sleeve-holder.	850,721	Apr. 16	4058	848	127	2697
Barnes, James C., Leichhardt, Sydney, New South Wales, Australia, assignor to W. B. Raymond, Brooklyn, N. Y. Massage apparatus.	860,182	July 16	2871	784	129	1013
Barnes, James H., Baltimore, Md. Non-refillable bottle.	848,529	Mar. 26	5621	1230	127	1503
Barnes, James W., New York, N. Y. Spool for music-rolls.	869,871	Nov. 5	3	1	131	3
Barnes, Jesse M., Sarcoxie, Mo. Adjustable flue or chimney cap.	841,660	Jan. 22	3741	812	126	1073
Barnes, John J., Herington, Kans. Railway game apparatus.	874,726	Dec. 24	4968	1044	131	2062
Barnes, John S., Rockford, Ill. Fountain-pen.	844,575	Feb. 19	3711	780	126	2784
Barnes, John S., Rockford, Ill. Fountain-pen.	844,576	Feb. 19	3713	780	126	2784
Barnes, John S., Rockford, Ill. Fountain-pen.	848,620	Apr. 2	4	1	127	1586
Barnes, John S., Detroit, Mich. Fence-machine.	847,721	Mar. 19	4024	880	127	1075
Barnes, John S., Detroit, Mich. Concrete reinforcement.	868,065	Oct. 15	1349	377	130	1768
Barnes, John S., assignor to W. F. & John Barnes Company, Rockford, Ill. Drilling-machine.	862,861	Aug. 6	1248	338	129	2466
Barnes, John S., assignor to W. F. & John Barnes Company, Rockford, Ill. Variable-speed gearing.	864,823	Sept. 3	90	25	130	30
Barnes, John S., assignor to W. F. & John Barnes Company, Rockford, Ill. Variable-speed gearing.	864,824	Sept. 3	91	26	130	30
Barnes, John S., assignor of one-third to L. E. Barnes, Detroit, Mich. Laundry-button.	869,872	Nov. 5	4	1	131	4
Barnes, Joshua, New York, N. Y. Fragile and caustic pencil holder.	867,228	Oct. 1	2	1	130	1317
Barnes, Joshua B., Springfield, Ill. Scummer and blow-off for steam-boilers.	842,164	Jan. 29	4782	1021	126	1366
Barnes, Joshua B., Springfield, Ill. Brake-beam.	846,819	Mar. 12	2218	486	127	594
Barnes, Joshua B., Springfield, Ill. Scummer and blow-off for steam-boilers. (Reissue.)	12,663	June 25	5736	1223	128	3253
Barnes, Joshua B., Springfield, Ill., assignor to Davis Locomotive Wheel Company, St. Louis, Mo. Locomotive buffer-beam.	848,427	Mar. 26	5442	1186	127	1459
Barnes, Junius, Burlington, Vt. Switch-operating mechanism for cars.	842,380	Jan. 29	5250	1114	126	1489
Barnes, Justus W., Jr., Pittsfield, Mass. Wheel.	857,858	June 25	4704	998	128	2986
Barnes, Lewis E. (See Barnes, John S., assignor.)						
Barnes, Louis, Cleveland, Ohio. Non-refillable vessel.	846,180	Mar. 5	933	197	127	237
Barnes Manufacturing Company. (See Ficener, Anthony A., assignor.)						
Barnes, Robert, Fitzroy, Victoria, Australia. Interchangeable heel for boots and shoes.	848,799	Apr. 2	370	73	127	1684
Barnes, Thomas J., Julesburg, Colo. Barbed-wire fence.	867,338	Oct. 1	172	50	130	1364
Barnes, Walter E., Malden, assignor to Thermograde Valve Company, Boston, Mass. Valve.	858,497	July 2	240	59	129	87
Barnes, Walter E., Bridgeport, Conn., assignor to Union Special Sewing Machine Co., Chicago, Ill. Folding-guide for sewing-machines.	875,490	Dec. 31	6484	1354	131	2333
Barnes, Walter H., assignor to Larkin Co., Buffalo, N. Y. Knockdown crate.	844,649	Feb. 19	3834	812-13	126	2814
Barnes, William A., Westfield, Mass. Portable furnace and anvil.	863,578	Aug. 20	2324	636	129	2866
Barnes, William A., Woronoco, Mass. Welding copper.	867,632	Oct. 8	623	-----	130	1525
Barnes, William F., assignor to W. F. & John Barnes Company, Rockford, Ill. Grinder.	848,800	Apr. 2	372	74	127	1684
Barnes, William M., Philadelphia, Pa. Apparatus for the extraction of liquids from solid materials.	846,447	Mar. 12	1472	327-8	127	402
Barnett, Edgar E., Kremlin, Okla. Ter. Belt-tool.	851,482	Apr. 23	5547	1162	127	3107
Barnett, Eugene, Atlanta, Ga. Thimble.	848,530	Mar. 26	5622	1230	127	1503
Barnett, Frank J., Wilkinsburg, Pa. Lathe.	858,358	June 25	5729	1222	128	3251
Barnett, George W., Louise, Tex. Wheel-plow.	840,421	Jan. 1	1276	279-80	126	335
Barnett, George W., Louise, Tex. Clevis.	865,626	Sept. 10	1364	386	130	446
Barnett, George W., Louise, Tex. Grading-machine.	869,408	Oct. 29	3461	950-1	130	2475
Barnett, Ira S., Louisville, Ky. Heat-radiating ring.	855,687	June 4	467	98	128	1815
Barnett, Jacob, New York, N. Y. Tailor's measuring apparatus.	855,272	May 28	5837	1217	128	1589
Barnett, Leon H., Bellows Falls, Vt., assignor to Micaroid Manufacturing Company, Jersey City, N. J. Molding casein and producing same.	865,005	Sept. 3	382	-----	130	120
Barnett, Lewis, Millville, N. J. Shirt-waist and skirt adjuster.	865,226	Sept. 3	710	202	130	214
Barnett, Stephen D., Newark, N. J. Hose or pipe coupling.	862,045	July 30	5753	1598	129	2001
Barney, Edwin E., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.	852,313	Apr. 30	7233	1519	127	3564
Barney, Edwin E., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.	863,496	Aug. 13	2202	595-6	129	2801
Barney, Edwin E., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.	865,752	Sept. 10	1554	438	130	506
Barney, Edwin E., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.	872,552	Dec. 3	551	105	131	1245
Barney, Everett H., Springfield, Mass. Skate.	861,247	July 30	4526	1238	129	1618
Barney, George, Leesville, La. Brick-truck.	857,859	June 25	4706	999	128	2986
Barney, James E., Boston, Mass. Drying apparatus.	840,037	Jan. 1	485	105	126	131
Barnhardt, Albert, Moyie, British Columbia, Canada. Invisible trousers-support.	872,323	Dec. 3	5	2	131	1170
Barnhart, Clarence L., New York, N. Y. Amusement apparatus.	861,248	July 30	4527	1238-9	129	1618
Barnhart, Harry J. (See King, Barnhart, and King.)						
Barnhart, Harry J. (See Stump, King, and Barnhart.)						
Barnhart, Harry J., assignor to Marion Steam Shovel Company, Marion, Ohio. Tooth for excavating-dippers.	868,066	Oct. 15	1350	378	130	1768
Barnheisel, Frederick R., Chicago, Ill. Rotary baking-oven.	858,053	June 25	5136	1086-8	128	3096
Barnheisel, Frederick R., Chicago, Ill. Combined bearing and steam-feeding mechanism for rotary bake-ovens.	858,323	June 25	5625	1205	128	3219
Barnheisel, Frederick R., Chicago, Ill. Flue construction for bake-ovens.	862,046	July 30	5755	1598-9	129	2002
Barnhouse, Sidney J., assignor of one-third to J. G. Bayne, Alexandria, Va. Safety-clutch for air-brake angle-cocks.	851,338	Apr. 23	5272	1104	127	3040
Barnhurst, Henry G., and J. W. Fuller Jr., Catasaqua, Pa. Producing cement clinker.	861,699	July 30	5244	1441	129	1845
Barnum, Carl G., assignor to Triumph Voting Machine Company, Pittsfield, Mass. Counting mechanism for voting-machines.	847,040	Mar. 12	2648	584	127	701
Barnum, Carl G., and J. N. Shephardson, assignors to Triumph Voting Machine Company, Pittsfield, Mass. Entrance and exit actuating mechanism for voting-machines.	843,431	Feb. 5	1168	246	126	2084
Barnum, Thomas E., Milwaukee, Wis. Drum-controller for electric motors.	844,651	Feb. 19	3839	814	126	2815
Barnum, Thomas E., assignor to Cutler-Hammer Mfg. Co., Milwaukee, Wis. Alternating-current-retaining device for electric-motor controllers.	844,650	Feb. 19	3836	813	126	2814
Barnum, Thomas E., assignor to Cutler-Hammer Mfg. Co., Milwaukee, Wis. Three-wire reversible-drum controller.	844,652	Feb. 19	3843	814-15	126	2816
Baron, Bernhard, London, England. Apparatus for cutting cake or leaf tobacco.	845,212	Feb. 26	4951	1051-2	126	3139
Baron, Bernhard, London, England. Apparatus for pressing leaf-tobacco.	852,409	May 7	1	1	128	3
Baron, Bernhard, London, England. Intermittent-feed apparatus.	855,039	May 28	5380	1117-18	128	1470
Baron, Charles S. (See Haffey, James F., assignor.)						
Baron, Charles S., and J. F. Haffey, Tiffin, Ohio; said Haffey assignor to said Baron. Protective covering for glass or other fragile receptacles.	846,719	Mar. 12	2002	441	127	539
Baron, Jules. (See Cory, Randolph P., assignor.)						
Baron, Louis B., London, England. Cigarette-making machine.	854,140	May 21	3611	745-6	128	992

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Baron, Max D., New York, N. Y. Adjustable outlet-box.....	855,155	May 28	5628	1171	128	1535
Baron, Max D., New York, N. Y. Adjustable box for switches and the like.....	862,380	Aug. 6	444	121	129	2226
Baron, Santo, <i>et al.</i> (See Rosa, Marco D., assignor.).....						
Baroody, Assad M., Danville, Va. Starch-mold.....	844,911	Feb. 19	4362	931	126	2948
Barr, Berzelius L. (See Neff, William T., assignor.).....						
Barr, Francis P., <i>et al.</i> (See Moore, Marion, assignor.).....						
Barr, George D., and O. L. Coffin, Pleasanton, Kans. Drawer-guide.....	860,623	July 23	3563	977	129	1276
Barr, George T., Waco, Tex. Mail-bag fastener.....	860,183	July 16	2872	784	129	1014
Barr, George T., assignor of three-fifths to L. A. Baer and H. Hertzberg, San Antonio, Tex. Hypodermic-needle cleaner.....	859,724	July 9	2170	586	129	755
Barr, James J., assignor of one-half to C. S. Walker, Slidell, La. Automatic retort-cover.....	857,148	June 18	3325	701	128	2608
Barr, James R. (See Caldwell and Barr.).....						
Barr, John C., Tacoma, Wash. Circular floor conveyer.....	842,056	Jan. 22	4540	976	126	1271
Barr, John C., Tacoma, Wash. Circular conveyer for ships.....	854,684	May 21	4620	963	128	1248
Barr, Richard, Ravine, Pa. Sewing-machine lock.....	867,339	Oct. 1	172	51	130	1364
Barr, Sidney U., New York, N. Y. Window. (Reissue).....	12,628	Apr. 2	1473	299	127	1962
Barr, William J., Cleveland, Ohio. Circuit-controlling mechanism for electrically-heated tools.....	852,537	May 7	313	57-8	128	85
Barratt, George W., Bellevue, Pa. Hammock.....	861,249	July 30	4529	1239	129	1618
Barratt, William T. (See Hurley and Barratt.).....	866,322	Sept. 17	2433	679	130	822
Barratt, William T., assignor to C. Cooper, Bennington, Vt. Sinker-wheel for circular-knitting machines.....	864,354	Aug. 27	3497	972	129	3264
Barre, Ferdinand, Baltimore, Md., assignor to Armored Concrete Construction Company of Baltimore City. Concrete beam.....	865,963	Sept. 10	1887	528	130	619
Barrella, Louis, Syracuse, N. Y. Arm-support for telephones.....	844,083	Feb. 12	2421	518	126	2431
Barrenpohl, Charles J., New York, N. Y. Compound for cleaning and polishing metals, porcelain, glass, &c.....	847,150	Mar. 12	2849		127	750
Barrenpohl, Charles J., New York, N. Y. Compound for cleaning and polishing wood surfaces.....	847,226	Mar. 12	3008		127	790
Barret, John J., <i>et al.</i> (See Bedinger, Everett W., Jr., assignor.).....						
Barrett, Albert. (See Condon, William, assignor.).....						
Barrett, Charles E., Indianapolis, Ind. Muscilage-bottle.....	857,975	June 25	4963	1049	128	3052
Barrett, Edward E., La Grange, Ill. Coal-handling device.....	870,609	Nov. 12	1155	315	131	408
Barrett, George E., Duluth, Minn., assignor of one-half to J. Z. Miller, Superior, Wis. Cultivator.....	840,898	Jan. 8	2225	489-90	126	609
Barrett, George E., assignor of one-half to J. Z. Miller, Superior, Wis. Cultivator-shield.....	869,289	Oct. 29	3266	899	130	2414
Barrett, Glenn J. (See Fox and Barrett.).....						
Barrett, Harold G., assignor of one-half to S. E. Hibben, Chicago, Ill. Device for rolling cigarettes.....	859,908	July 16	2452	667	129	877
Barrett, Harold G., Wilmette, assignor, by mesne assignments, to Diamond Bleacher Seat Company, Chicago, Ill. Seat.....	865,327	Sept. 3	871	250	130	264
Barrett, James A., Milwaukee, Wis. Gas-broiler.....	868,753	Oct. 22	2448	677	130	2133
Barrett, John F., Chicago, Ill. Electric-light fixture.....	854,554	May 21	4373	906	128	1185
Barrett, Luther P., St. Louis, Mo. Reversible automobile fender.....	868,319	Oct. 15	1736	490	130	1885
Barrett, Michael F. (See Smith, William H., assignor.).....						
Barrett, William J., Chicago, Ill. Wedge for locomotive driving-boxes.....	873,148	Dec. 10	1754	369	131	1476
Barricklow, Irvin E., Antioch, Cal. Fluid-pressure engine.....	874,823	Dec. 24	5130	1081	131	2094
Barrickman, C. P. (See Lindsay, Leroy J., assignor.).....						
Barrickman, William J., and J. C. Byers, Butler, Pa. Cleaning compound.....	850,557	Apr. 16	3729		127	2615
Barrie, Robert C., Philadelphia, Pa. Surgical appliance.....	867,340	Oct. 1	173	51	130	1364
Barriere, Wilfrid H., Worcester, Mass. Window.....	855,609	June 4	319	65	128	1776
Barringer, Lawrence E., Schenectady, N. Y., assignor to General Electric Company. Making resistance devices.....	848,954	Apr. 2	694	140	127	1764
Barron, Walter J., New York, N. Y., and H. W. Merritt, Springfield, Mass., assignors to Densmore Typewriter Company, Syracuse, N. Y. Type-writing machine.....	873,487	Dec. 10	2417	508	131	1588
Barrow, Joseph J., Louisburg, N. C., and T. J. King, Richmond, Va.; said King assignor to said Barrow. Drawer-content-indexing device.....	872,042	Nov. 26	4021	964	131	1041
Barrows, Emerson B., Sandwich, Ill. Plow attachment.....	844,084	Feb. 12	2423	519	126	2431
Barrows, Frank W., Cambridge, Mass. Music-sheet holder.....	873,286	Dec. 10	2017	423	131	1519
Barry, Charles E., Schenectady, N. Y., assignor to General Electric Company. Air-brake system.....	868,592	Oct. 15	2178	608	130	2025
Barry, Edward, <i>et al.</i> (See Bergmann, Charles, assignor.).....						
Barry, Edwin A., Sutherland, Iowa. Draft-equalizer.....	846,280	Mar. 5	1115	242	127	283
Barry, John C., Parkersburg, W. Va. Box.....	869,156	Oct. 22	3056	843	130	2322
Barry, John F. (See Ronan and Barry.).....						
Barry Manufacturing Company. (See Barry, Waters, and Kefflo, assignors.).....						
Barry, Nicholas, Jr., Muscatine, Iowa. Tool-holder.....	863,497	Aug. 13	2207	596	129	2804
Barry, Nicholas, Jr., Muscatine, Iowa. Making pearl buttons.....	863,498	Aug. 13	2209	597	129	2804
Barry, Nicholas, Jr., Muscatine, Iowa. Button-making machinery.....	864,720	Aug. 27	4106	1140	129	3456
Barry, Nicholas, Jr., W. R. Waters, and A. F. Kefflo, assignors to Barry Manufacturing Company, Muscatine, Iowa. Shell-grinding machine.....	863,499	Aug. 13	2211	597	129	2805
Barry, Walter H., Chicago, Ill. Window frame and sash.....	856,017	June 4	1102	229	128	1973
Barry, Walter M., Rochester, N. Y. Adjustable garment-pattern.....	849,959	Apr. 9	2602	541-2	127	2286
Barry, Thomas D. (See Hadsell, Dorr H., assignor.).....						
Barsachs, William M., Chicago, Ill., assignor to W. G. and H. S. Jones. Loose-leaf binder.....	841,920	Jan. 22	4281	922	126	1210
Barse, Mills W., Buffalo, assignor, by mesne assignments, to D. R. Hendricks, Brooklyn, N. Y. Desiccating apparatus.....	875,405	Dec. 31	6323	1318	131	2306
Barstow, Edwin O. (See Griswold, Thomas, Jr., assignor.).....						
Barstow, Walter L., Vicksburg, Miss. Envelop-forming machine.....	861,425	July 30	4836	1326-8	129	1721
Barta, John, Chicago, Ill. Chair.....	840,463	Jan. 8	1361	301	126	396
Bartel, Rudolph F., Bayonne, N. J. Separable hat.....	849,591	Apr. 9	1942	397	127	2118
Bartel, Rudolph F., Bayonne, N. J. Cast-off for suspenders.....	860,436	July 16	3257	890	129	1139
Bartel, William P., Waltham, Mass. Rivet.....	866,107	Sept. 17	2123	591	130	724
Bartel, William P., Waltham, Mass., assignor to Judson L. Thomson M'fg Company. Forming rivets.....	860,624	July 23	3565	978	129	1276
Bartel, William P., Waltham, Mass., assignor to Judson L. Thomson M'fg Company. Rivet.....	862,434	Aug. 6	552	147	129	2261
Bartel, William P., Waltham, Mass., assignor to Judson L. Thomson M'fg Company. Rivet.....	862,435	Aug. 6	553	147	129	2261
Bartel, William P., Waltham, and S. E. Taft, South Framingham, Mass., assignors to American Lacing Hook Co. Automatic lacing-hook-setting machine.....	855,497	June 4	103	21-2	128	1720

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Bartels, Christ C. (See Bartels, John L., assignor.)						
Bartels, John L., assignor of one-half to C. C. Bartels, Chicago, Ill. Ruler.....	858,498	July 2	241	59	129	88
Bartelstone, Louis, New York, N. Y. Corner-clamp for glass plates.....	843,861	Feb. 12	2014	433	126	2331
Bartelt, Friedrich, Philadelphia, Pa. Material for rugs, carpets, &c.....	849,186	Apr. 2	1163	235	127	1886
Bartenback, C. E., et al. (See Hill, John W., assignor.)						
Barthstein, John J., assignor of two-thirds to F. A. Heiser and C. B. Kelley, Cleveland, Ohio. Power-transmission device.....	847,457	Mar. 19	3485	763	127	937
Barth, A. (See Leykauf and Barth.)						
Barth, Charles F., assignor to Allis-Chalmers Company, Milwaukee, Wis. Steam-turbine.	875,644	Dec. 31	6891	1437	131	2384
Barth, Eli, Nevada, Ohio. Fence.....	874,154	Dec. 17	3800	801	131	1841
Barth, Eli and F., Nevada, Ohio. Straw-stacker.....	843,063	Feb. 5	438	95	126	1904
Barth, Franklin. (See Barth, Eli and F.)						
Barth, Henry O., G. H. Riehl, and W. Honegger, assignors to American Type Foundry's Company, Cincinnati, Ohio. Printer's brass-rule corner.....	868,754	Oct. 22	2449	677	130	2133
Barth, John W., Pittsburg, Pa. Automatic car-coupling.....	859,279	July 9	1486	397-8	129	533
Barth, John W., Pittsburg, Pa. Combined car and train-pipe coupling.....	873,287	Dec. 10	2018	423	131	1520
Barth, John W., Pittsburg, Pa. Combination car and train-pipe coupling.....	873,288	Dec. 10	2020	423	131	1520
Barth, Richard, Oklahoma, Okla. Ter. Fire-escape.....	857,513	June 18	4016	855	128	2781
Barthel, Alvin W., Viroqua, Wis. Railway-switch.....	855,156	May 28	5630	1171	128	1536
Barthel, Hermann, Schweinfurt, Germany. Ball-bearing.....	856,209	June 11	1467	309	128	2099
Barthelmeß, Emil, Neuss, Germany. Ring and roller and like mill.....	844,085	Feb. 12	2424	519	126	2431
Barthelmeß, Emil, Neuss, Germany. Ring-and-roller mill.....	871,558	Nov. 19	2983	744	131	853
Bartholmes, Charles W. (See Bevans and Bartholmes.)						
Bartholomew, Charles, Newark, Ohio. Pump.....	854,711	May 28	4707	979	128	1299
Bartholomew Company. (See Bartholomew, John B., assignor.)						
Bartholomew Company. (See Strutsman, Reuben O., assignor.)						
Bartholomew, John A., New York, N. Y. Musical instrument.....	873,289	Dec. 10	2022	424	131	1520
Bartholomew, John B., assignor, by mesne assignments, to Avery Manufacturing Company, Peoria, Ill. Grain-filling apparatus for threshing-machines.....	855,273	May 28	5840	1218	128	1590
Bartholomew, John B., Peoria, Ill., assignor to Bartholomew Company. Steering device for automobiles.....	859,592	July 9	1973	532	129	692
Bartholomew, John B., assignor to Bartholomew Company, Peoria, Ill. Starter for explosive-engines.....	864,766	Sept. 3	2	1	130	3
Bartholomew, John B., Peoria, Ill., assignor, by mesne assignments, to Sattley Stacker Company, Indianapolis, Ind. Straw-stacker.....	874,918	Dec. 24	5355	1120	131	2124
Bartholomew, William, New York, assignor to Troy Laundry Machinery Company, Limited, Troy, N. Y. Pipe-coupling.....	848,873	Apr. 2	563	112	127	1733
Bartholomew, William, New York, assignor to Troy Laundry Machinery Company, Limited, Troy, N. Y. Cylinder washing-machine.....	848,874	Apr. 2	564	112	127	1734
Bartholomew, William, New York, assignor to Troy Laundry Machinery Company, Limited, Troy, N. Y. Ironing-machine.....	865,753	Sept. 10	1557	439	130	507
Birtl, Franz, New York, N. Y. Automobile.....	873,405	Dec. 10	2272	473-4	131	1560
Bartle, Ralph S., Minneapolis, Minn. Price-card holder.....	861,250	July 30	4532	1239	129	1620
Bartlett, Albert H., Buffalo, N. Y. Machine for sizing, cutting, and marking candy material or other commodities.....	873,832	Dec. 17	3125	665	131	1737
Bartlett, Edward F., Houlton, Me. Self-propelled sled.....	865,289	Sept. 3	807	232	130	243
Bartlett, Frank V., et al. (See Gray, Almon J., assignor.)						
Bartlett, Fred, Chatham, Ontario, Canada. Flexible top for salt-cellars.....	854,792	May 28	4865	1010	128	1340
Bartlett, George, Lenapah, Ind. Ter. Moistening attachment for dental engines.....	851,483	Apr. 23	5548	1162	127	3107
Bartlett, George H., San Francisco, Cal. Punch and die-press.....	849,881	Apr. 9	2478	509	127	2255
Bartlett, George H., San Francisco, Cal. Spiral-tube-winding machine.....	866,108	Sept. 17	2124	591	130	724
Bartlett, George H., Buffalo, N. Y., assignor to Stanley Rule & Level Company, New Britain, Conn. Plane.....	865,560	Sept. 10	1266	358-9	130	414
Bartlett, George L., Mattapan, Mass. Mold.....	848,955	Apr. 2	696	140	127	1765
Bartlett, Hayward & Co. (See Wagner, Frederick H., assignor.)						
Bartlett, John C., Philadelphia, Pa. Liquid-heating system.....	854,450	May 21	4194	869	128	1144
Bartlett, Leander L., Montague City, Mass. Fishing-rod.....	841,761	Jan. 22	3954	854	126	1129
Bartlett, Leonard, New York, N. Y., assignor to American Cork and Seal Company. Bottle-seal.....	867,902	Oct. 8	1047	297	130	1652
Bartlett, Leonard, New York, N. Y., assignor to American Cork and Seal Company. Seal for bottles.....	867,903	Oct. 8	1048	297	130	1653
Bartlett, Leonard, New York, N. Y., assignor to American Cork and Seal Company. Seal for bottles.....	867,904	Oct. 8	1049	298	130	1653
Bartlett, Marcus J., Chicago, Ill. Bolting-cloth cleaner.....	840,550	Jan. 8	1542	340	126	439
Bartlett, Robert W. G. (See Cousino, George, assignor.)						
Bartlett, Sylvester J. (See Avery and Bartlett.)						
Bartlett-Tewksbury Machinery Mfg. Co. (See Tewksbury and Bartlett, assignors.)						
Bartlett, Thomas E. E. (See Tewksbury and Bartlett.)						
Bartlett, William H., Nora, Nebr. Hay-loader.....	848,621	Apr. 2	5	2	127	1586
Bartley, Edward, Chicago, Ill. Truck.....	849,882	Apr. 9	2479	510	127	2255
Bartley, Wiley, Oconee, Ind. Ter. Nut-lock.....	850,459	Apr. 16	3537	740	127	2565
Barton, Bert, Dryden, Mich. Temperature-regulator.....	849,767	Apr. 9	2251	463	127	2197
Barton, Delbert E., Racine, Wis. Snap-hook.....	850,512	Apr. 16	3652	763	127	2504
Barton, Earl S., Newton, Iowa. Railway-rail brace.....	853,149	May 7	1559	324	128	394
Barton, Edward D., and A. T. Huckstead, Neillsville, Wis.; said Huckstead assignor to said Barton. Sleigh-knee.....	850,893	Apr. 23	4403	921	127	2824
Barton, Eugene E., Cogayan, Philippine Islands. Machine for treating Manila hemp....	852,410	May 7	2	1	128	3
Barton, John, et al. (See Topham, William, assignor.)						
Barton, Joseph, et al. (See Topham, William, assignor.)						
Barton, Thomas, Tamaqua, Pa. Valve.....	843,988	Feb. 12	2256	482	126	2391
Barton, Thomas F., Chicago, Ill. Grain-door for cars.....	872,785	Dec. 3	972	202	131	1321
Barton, William E. (See Nevins and Barton.)						
Barton-Wright, Edward W. (See Marino and Barton-Wright.)						
Bartow, Harry, Seano, Pa. Bottle-stopper attachment.....	850,722	Apr. 16	4050	848	127	2697
Bartram, Edward E., Los Angeles, Cal. Dental plate-punch.....	866,559	Sept. 17	2759	772	130	924
Bartrum, Charles W., assignor to Sweet, Orr & Company, Newburgh, N. Y. Combination-garment.....	852,695	May 7	655	127	128	171
Bartusch, Oswald G., New York, N. Y. Numbering apparatus.....	861,794	July 30	5405	1489	129	1894
Bartusch, Oswald G., New York, N. Y. Numbering apparatus.....	866,419	Sept. 17	2571	718	130	867
Bartz, Frank, and F. A. Wygant, assignors to Bartz, Wygant & Brown, Hornell, N. Y. Receptacle for coffee-mills.....	874,924	Dec. 31	5375	1124	131	2152
Bartz, Frank, and F. A. Wygant, assignors to Bartz, Wygant & Brown, Hornell, N. Y. Coffee-mill.....	874,925	Dec. 31	5377	1124	131	2135
Bartz, Frank E., Jackson Center, Pa. Nut-lock.....	853,150	May 7	1560	324	128	92
Bartz, Wygant & Brown. (See Bartz and Wygant, assignors.)						4
Barwis, Thomas S., Vancouver, British Columbia, Canada. Rotary engine.....	854,141	May 21	3613	746	128	991

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Barwis, Thomas S., assignor of one-half to F. C. Wade, Vancouver, British Columbia, Canada. Marine vessel.	865,155	Sept. 3	594	167	130	180
Barwise, Charles A., Brooklyn, N. Y. Coffee and tea urn.	873,980	Dec. 17	3402	725	131	1785
Barz, Paul H., Chicago Ill. Polishing-machine.	867,633	Oct. 8	623	175-6	130	1525
Basch, Rose. (See Basch, Samuel and R.)						
Basch, Samuel and R., London, England. Elastic tire.	849,592	Apr. 9	1944	398	127	2118
Bashlin, William M., Warren, Pa. Self-closing faucet.	852,155	Apr. 30	6952	1452	127	3494
Basic Chemical Company. (See Reuter, Ludwig H., assignor.)						
Baskerville, Charles, New York, N. Y., assignor to Welsbach Light Company, Gloucester, N. J. Making a solution of rare-earth metals.	873,205	Dec. 10	1870		131	1493
Baskin, John N., et al. (See Nye, George W., assignor.)						
Baskins, William L., Alliance, Nebr. Locomotive-tender.	840,038	Jan. 1	487	106	126	131
Bass, Duncan M., Fackler, Ala. Insulator.	869,873	Nov. 5	5	1	131	4
Bass, John, McKees Rocks, Pa. Hoisting-derrick.	842,057	Jan. 22	4542	976	126	1272
Bassell, John Y., and F. C. Blenkner, Columbus, Ohio. Gun-sight.	846,385	Mar. 5	1322	291	127	333
Bassell, John Y., and F. C. Blenkner, Columbus, Ohio. Gun-sight.	870,337	Nov. 5	737	198	131	242
Bassell, John Y., and F. C. Blenkner, Columbus, Ohio. Gun-sight.	870,610	Nov. 12	1157	315	131	409
Bassett, Arthur J., et al. (See Ahern, William E., assignor.)						
Bassett, George M., et al. (See Ahern, William E., assignor.)						
Bassett, Herman S., Edwall, Wash. Amusement device.	842,058	Jan. 22	4543	977	126	1272
Bassett, Lemuel F., Redding, Cal. Machine for working the soil.	874,286	Dec. 17	4073	859	131	1885
Bassett, Martha B., St. Louis, Mo. Combined cooking-utensil holder and sad-iron heater.	856,935	June 11	2901	608	128	2459
Bassett, Norman C. (See Henderson and Bassett.)						
Bassett, Norman C., Lynn, Mass., assignor to General Electric Company. Transfer-wagon.	840,422	Jan. 1	1278	280-1	126	335
Bassett, Norman C., Lynn, Mass., assignor to General Electric Company. Controlling motors at a distance.	854,712	May 28	4708	979-80	128	1300
Bassett, Norman C., assignor to Allis-Chalmers Company, Milwaukee, Wis. Valve.	863,136	Aug. 13	1678	449-50	129	2638
Bassett, Norman C., assignor to Allis-Chalmers Company, Milwaukee, Wis. Blade-fastening.	875,645	Dec. 31	6892	1437	131	2384
Bassett, Norman C., assignor to Allis-Chalmers Company, Milwaukee, Wis. Blade-fastening.	875,646	Dec. 31	6894	1438	131	2384
Bassett, Norman C., assignor to Allis-Chalmers Company, Milwaukee, Wis. Blade-fastening.	875,647	Dec. 31	6897	1438	131	2385
Bassett, Norman C., assignor to Allis-Chalmers Company, Milwaukee, Wis. Blade-fastening.	875,648	Dec. 31	6898	1438	131	2385
Bassett, Norman C., assignor to Allis-Chalmers Company, Milwaukee, Wis. Blade-fastening.	875,649	Dec. 31	6899	1438	131	2385
Bassett, Norman C., assignor to Allis-Chalmers Company, Milwaukee, Wis. Blade-fastening.	875,650	Dec. 31	6901	1439	131	2386
Bassett, Norman L., Milwaukee, Wis., assignor to General Electric Company. Brake for transfer-wagons.	840,423	Jan. 1	1281	281-2	126	336
Bassford, George S. (See Bassford, Henry A. and G. S.)						
Bassford, Henry A. and G. S., Vacaville, Cal. Box-nailing press.	841,613	Jan. 15	3646	792	126	1017
Bassford, William K., assignor to Vapor Gas Engine Manufacturing Company, Perth Amboy, N. J. Explosive-engine.	868,834	Oct. 22	2573	709-10	130	2171
Bassick, Edgar W., and C. S. Barnard, assignors to Burns, Silver and Company, Bridgeport, Conn. Toilet screw-nut.	849,039	Apr. 2	851	175	127	1805
Bassler, Edwin M., assignor to Economic Engineering & Construction Company, Chicago, Ill. Pneumatic conveyor.	851,054	Apr. 23	4686	985	127	2895
Basso, Philip G. (See Porteous, Albert M., assignor.)						
Bast, Frank J., New York, N. Y. Collapsible wardrobe-rack.	867,567	Oct. 8	527	150	130	1493
Bastel, Joseph F., St. Louis, Mo. Rail-joint.	865,227	Sept. 3	711	202	130	214
Bastel, Joseph F., St. Louis, Mo. Portable stand for flowers, &c.	875,235	Dec. 31	5985	1247	131	2252
Bastel, Joseph F., St. Louis, Mo. Alarm-circuit.	875,491	Dec. 31	6485	1354	131	2333
Bastian, Charles L., assignor to Bottlers Machinery Manufacturing Company, Chicago, Ill. Discharge-table for bottle-filling machines.	860,075	July 16	2722	741-2	129	965
Bastian, Charles L., assignor to Bottlers Machinery Manufacturing Company, Chicago, Ill. Filling-machine.	860,076	July 16	2723	742	129	965
Bastian, Frederick A. (See Paynter and Bastian.)						
Bastin, Thomas H., East Molesey, England. Speed-gear for motor-vehicles.	853,947	May 21	3322	661-2	128	894
Bayse, Edwin J., Houston, Tex. Well-strainer.	866,560	Sept. 17	2761	773	130	924
Batault, Emile, Geneva, Switzerland. Thermally-operated apparatus.	847,543	Mar. 19	3649	804	127	982
Batchelder, Adeline F., New York, N. Y. Bottle-closure.	849,960	Apr. 9	2607	542	127	2287
Batchelder, Asa F., Schenectady, N. Y., assignor to General Electric Company. Electric locomotive.	843,788	Feb. 12	1871	399-400	126	2297
Batchelder, Asa F., Schenectady, N. Y., assignor to General Electric Company. Electric locomotive.	865,988	Sept. 17	1936	541	130	666
Batchelder, Asa F., Schenectady, N. Y., assignor to General Electric Company. Motor-truck.	873,706	Dec. 17	2850	606	131	1694
Batchelder, Frank R., assignor to Mills Woven Cartridge Belt Company, Worcester, Mass. Cartridge-pocket.	854,017	May 21	3348	688	128	927
Batchelder, Frank R., assignor to Mills Woven Cartridge Belt Company, Worcester, Mass. Woven cartridge-carrier.	860,592	July 16	3489	958	129	1217
Batchelder, Frank R., assignor to Mills Woven Cartridge Belt Company, Worcester, Mass. Pad for suspenders and other articles.	861,936	July 30	5602	1548	129	1953
Batcheller, Birney C., Philadelphia, Pa., assignor to Pearsall Pneumatic Tube and Power Company, New York, N. Y. Pneumatic-tube system.	840,194	Jan. 1	815	179	126	218
Batcheller, Birney C., Philadelphia, Pa., assignor to Pearsall Pneumatic Tube and Power Company, New York, N. Y. Pneumatic-tube system.	840,464	Jan. 8	1362	301-2	126	396
Batcheller, Birney C., Philadelphia, Pa., assignor to Pearsall Pneumatic Tube and Power Company, New York, N. Y. Pneumatic-tube system.	840,465	Jan. 8	1365	303	126	396
Batcheller, Birney C., Philadelphia, Pa., assignor to Pearsall Pneumatic Tube and Power Company, New York, N. Y. Pneumatic-tube system.	862,601	Aug. 6	848	226-7	129	2347
Batcheller, Birney C., Philadelphia, Pa., assignor to Pearsall Pneumatic Tube and Power Company, New York, N. Y. Governing mechanism for pneumatic-tube systems.	862,696	Aug. 6	988	263-4	129	2387
Batchelor, George C. (See Meyer, Svend M., assignor.)						
Batchelor, Benjamin. (See Watson, William M., assignor.)						
Batdorf, Charles S., Brooklyn, N. Y. Rotary motor.	849,099	Apr. 2	965	197	127	1833
Batdorf, Charles S., Brooklyn, N. Y., assignor, by mesne assignments, to Universal Coin Wrapping Machine Company. Coin counting, registering, and bagging machine.	870,214	Nov. 5	534	145-6	131	175
Batdorf, Watson, Canton, Ohio. Eaves-trough hanger.	869,957	Nov. 5	116	32	131	38
Bate, Charles. (See Holland, Newman H., assignor.)						
Bateman, Frank, Grenloch, and H. C. Jones, Allentown, assignors to Bateman Manufacturing Company, Grenloch, N. J. Plant-spraying machine.	869,958	Nov. 5	117	32	131	39

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Bateman Manufacturing Company. (See Bateman and Jones, assignors.)						
Bates, Adelmor M., assignor to Bates Valve Bag Company, Cleveland, Ohio. Bag-filling apparatus.	862,231	Aug. 6	196	54-5	129	2144
Bates, Adelmor M., assignor to Bates Valve Bag Company, Cleveland, Ohio. Filling bags.	870,215	Nov. 5	543	146	131	178
Bates, Albert H., Cleveland, Ohio. Street-car.	861,700	July 30	5246	1441-2	129	1846
Bates, Arthur C., Oakland, Cal. Reduction and pulverizing mill.	861,570	July 30	5053	1387-8	129	1789
Bates & Bacon. (See Crain, Frank E., assignor.)						
Bates, Carl D., Chicago, Ill. Means for cleaning or manipulating electric-light globes.	840,102	Jan. 1	618	134	126	163
Bates, Charles W., St. Hyacinthe, Quebec, Canada. Beating-up mechanism for looms.	848,875	Apr. 2	566	112-13	127	1734
Bates, Darwin, and G. W. Peard, Huyton, England. Annealing or heating of metals.	868,154	Oct. 15	1463	412	130	1803
Bates, Eddo V. (See Robinson and Bates.)						
Bates, Edmund C., Alliance, Ohio. Pipe-wrench.	855,380	May 28	6021	1257	128	1635
Bates, Edwin G., New York, N. Y., assignor to Bates Machine Company. Numbering-machine plunger.	850,894	Apr. 23	4404	922	127	2825
Bates, Edwin G., New York, N. Y., assignor to Bates Machine Company. Numbering-machine.	850,895	Apr. 23	4406	922	127	2825
Bates, Edwin G., New York, N. Y., assignor to Bates Machine Company. Numbering and dating machine.	857,976	June 25	4964	1049-50	128	3052
Bates, Frank H., Ross Station, Cal. Generating oil-gas for explosive-engines.	868,246	Oct. 15	1605	455	130	1845
Bates, George A., Fall River, Mass. Machine for raising flutes on drawing and other rolls.	857,576	June 25	4155	880	128	2846
Bates, Henry, Homestead, Pa. Attachment for valves.	844,315	Feb. 19	2933	624	126	2599
Bates, Henry H., Newburgh, N. Y. Fabric withdrawing or feeding means for sewing-machines.	841,480	Jan. 15	3393	732	126	952
Bates, John C., assignor of one-half to F. J. Appell, Lake City, Fla. Hammer.	872,886	Dec. 3	1198	254	131	1354
Bates, Joseph E., Philadelphia, Pa. Toy.	843,320	Feb. 5	990	203	126	2040
Bates, Joseph W., assignor to Benson Toy Manufacturing Company, Minneapolis, Minn. Toy train.	864,222	Aug. 27	3300	915	129	3204
Bates, Louis, deceased, Hoboken, N. J.; M. S. Bates, administratrix. Base-fastening device for electrical apparatus.	860,117	July 16	2771	756	129	980
Bates Machine Company. (See Bates, Edwin G., assignor.)						
Bates, Madison F., Lansing, Mich. Water-cooler.	841,220	Jan. 15	2878	626	126	819
Bates, Mamie S., administratrix. (See Bates, Louis.)						
Bates, Onward, Chicago, Ill. Pile.	841,762	Jan. 22	3955	854	126	1129
Bates and Robinson Machine Company. (See Robinson and Bates, assignors.)						
Bates, Thomas O., Liverpool, England. Means for supplying fluids to baking-machines.	867,229	Oct. 1	3	1	130	1317
Bates Valve Bag Company. (See Bates, Adelmor M., assignor.)						
Bathrick, Ellsworth R., Akron, Ohio. Safety device for starting explosive-engines.	855,610	June 4	321	66	128	1777
Bathrow, Ezra E., Prince Albert, Saskatchewan, Canada. Square.	874,653	Dec. 24	4815	1010	131	2039
Batiste, John W., Portland, Oreg. Self-cleaning oil-burner.	840,739	Jan. 8	1917	422	126	533
Batten-Hayes Company. (See Batten and Hayes, assignors.)						
Batten, Henry C., Morgantown, W. Va., and W. J. Ruble, Smithfield, Pa. Blank-book.	860,514	July 16	3364	924	129	1176
Batten, William, Auburn, Me. Roving and spinning frame.	842,824	Jan. 29	6200	1309-10	126	1724
Batten, William, and W. Hayes, Auburn, assignors to Batten-Hayes Company, Lewiston, Me. Traveling-flat carding-engine.	857,713	June 25	4418	933	128	2915
Battensby, William, Gateshead, England. Mitering-machine.	839,807	Jan. 1	16	3-4	126	6
Battensby, William, assignor to Lumsden Machine Company, Limited, Gateshead, England. Mitering-machine.	856,210	June 11	1468	310	128	2099
Battershall, Fletcher W., Albany, N. Y. Shock-absorber.	850,460	Apr. 16	3538	740	127	2565
Batterton, John. (See Miller, Ellis W., assignor.)						
Batterton, Morris M., Kingfisher, Okla. Ter. Railway-tie.	845,507	Feb. 26	5545	1175	126	3285
Battiste, S. I. L., et al. (See Hatchett, Andrew, assignor.)						
Batts, John T., Grand Rapids, Mich. Extension-bracket.	851,484	Apr. 23	5549	1162-3	127	3107
Batts, John T., Grand Rapids, Mich. Clothing-cabinet.	859,425	July 9	1722	458	129	611
Batts, John T., Grand Rapids, Mich. Garment-support for wardrobes.	872,401	Dec. 3	169	33	131	1195
Batty, George S. (See Smith, Frank H., assignor.)						
Baucum, Samuel C., Krebs, Ind. Ter. Fan-motor.	843,432	Feb. 5	1173	246	126	2085
Baudenon, Francia, Vorey, France. Embroidery in divers cords.	855,274	May 28	5845	1219	128	1591
Bauer, Albert L. (See Bauer, Raymond and A. L.)						
Bauer, Albert L. and R., Wheeling, W. Va. Engine.	851,195	Apr. 23	4967	1043-4	127	2963
Bauer, Alois, Cleveland, Minn. Thill-coupling.	852,051	Apr. 30	6766	1407	127	3449
Bauer & Black. (See Bauer, Perry S., assignor.)						
Bauer & Black. (See McLaren, John B., assignor.)						
Bauer & Black. (See Schulz, Otto C., assignor.)						
Bauer, Carl E., Hammond, Ind., assignor to Simplex Railway Appliance Company, Chicago, Ill. Reversible fulcrum.	840,740	Jan. 8	1919	422	126	533
Bauer, Carl E., Hammond, Ind., assignor to Simplex Railway Appliance Company, Chicago, Ill. Truck-bolster.	868,155	Oct. 15	1464	412	130	1804
Bauer, Carl E., and F. L. Susemihl, Hammond, Ind., assignors to American Steel Foundries, New York, N. Y. Adjustable brake-head.	868,623	Oct. 15	2232	619-20	130	2041
Bauer, Carl H. Vom, New York, N. Y. Automatic starting device for alternating-current vapor-lamps.	870,141	Nov. 5	411	114	131	137
Bauer, Charles G., Brooklyn, N. Y. Envelop-opener.	844,770	Feb. 19	4098	874	126	2882
Bauer, Conrad, Pittsburg, Pa. Screen.	866,835	Sept. 24	3195	898-9	130	1098
Bauer, Ernest, Milledgeville, Ill. Window-frame.	851,271	Apr. 23	5136	1081	127	3004
Bauer, John T. (See De Coster, Jules M., assignor.)						
Bauer, Ludwig, Niederlossnitz, Germany. Medicinal extract.	846,895	Mar. 12	2380		127	635
Bauer, Martin, Cleveland, Ohio. Combined ladder and scaffold.	843,989	Feb. 12	2256	482	126	2391
Bauer, Perry S., Chicago, Ill. Hose-supporter clasp.	840,289	Jan. 1	1003	219	125	269
Bauer, Perry S., assignor to Bauer & Black, Chicago, Ill. Folding display-box.	852,696	May 7	657	127	128	172
Bauer, Perry S., assignor to Bauer & Black, Chicago, Ill. Spool adhesive plaster.	864,063	Aug. 20	3047	842	129	3096
Bauer, Raymond. (See Bauer, Albert L. and R.)						
Bauer, Raymond and A. L., Wheeling, W. Va. Rotary engine.	851,339	Apr. 23	5273	1104-5	127	3041
Bauer, William, assignor of six-sevenths to M. C. Peter, W. H. Richardson, A. Ruetlinger, E. J. Miller, O. C. Richardson, Louisville, Ky., and B. C. Neat, New Albany, Ind. Automatic sprinkler system.	868,624	Oct. 15	2233	620	130	2042
Bauer, William F. (See Ford and Bauer.)						
Baugh, Atha T., Pulaski, Tenn. Dish drier and drainer.	863,772	Aug. 20	2616	723-4	129	2963
Baughman, Charles C., and E. C. Mead, Richmond, Va. Loose-leaf binder.	845,390	Feb. 26	5319	1129	126	3229
Baughman, Ezekiel S., Quincy, Ohio. Mail-box-delivery apparatus.	854,192	May 21	3719	770	128	1021
Baughn, Samuel C., Bertrand, assignor of one-half to H. L. Finley, Charleston, Mo. Quilt-ing-frame.	847,999	Mar. 26	4655	1014	127	1263
Bauke, Fritz, Berlin, Germany. Gas-generator.	848,622	Apr. 2	6	2	127	1586
Baum, Albert E., Waterloo, Iowa. Shovel.	871,773	Nov. 26	3393	834	131	951
Baum, Albert E., A. Schoel, and C. E. Edwards, Waterloo, Iowa. Doughnut-cutter.	861,076	July 23	4259	1167-8	129	1498

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Baum, Edward F., Harrisburg, Pa. Flong for stereotyping.....	868,961	Oct. 22	2763	763	130	2231
Baum, Jacob, trustee. (See Winfield, Edward F., assignor.)						
Baum, Jacob, Cincinnati, Ohio. Letter-folding device.....	843,571	Feb. 12	1484	313	126	2197
Baum, James B., assignor of two-thirds to J. J. Lumsden, J. F. Chasteen, and F. J. Mack, Grand Junction, Colo. Rail-joint.....	862,862	Aug. 6	1250	338	129	2466
Baum, John G., New York, N. Y. Swimming apparatus.....	863,013	Aug. 13	1472	400-1	129	2573
Bauman, Charles W., Columbus, Ohio. Measuring-faucet.....	871,253	Nov. 19	2303	602	131	750
Bauman, Edward L., Saxonburg, Pa. Whiffletree-coupling.....	852,592	May 7	447	82	128	118
Bauman, Henry G., Pittsburg, Pa. Phonograph.....	842,059	Jan. 22	4544	977	126	1272
Bauman, John H., Concord, Nebr. Wire-roller.....	875,492	Dec. 31	6487	1354	131	2334
Bauman, Julius. (See Berecky, Michael, assignor.)						
Baumann, Albert J. (See Kerr, Baumann, and Shanks.)						
Baumann, August. (See Sheldon, Elwin I., assignor.)						
Baumann, Emil, St. Louis, Mo. Air-ship.....	854,555	May 21	4375	906-7	128	1186
Baumann, Franz, Vienna, Austria-Hungary. Range and azimuth finder.....	869,129	Oct. 22	3012	831-2	130	2307
Baumann, Frederick W., Montcotte borough, assignor to Oliver Iron and Steel Company, Pittsburg, Pa. Forming brake-beam fulcrums.....	843,659	Feb. 12	1646	349	126	2240
Baumann, Robert. (See Wurm and Baumann.)						
Baumeister, Albert G., Sandusky, Ohio. Attachment for drilling-machines.....	850,204	Apr. 16	3063	642	127	2439
Baumer, Francis, assignor to Will & Baumer Company, Syracuse, N. Y. Lamp-shade.....	856,190	June 4	1425	301	128	2051
Baumgart, Hans H., Davenport, Iowa. Coating metal.....	847,881	Mar. 19	4363	127	1156	
Baumgartel, Henry, assignor of one-half to J. G. Wait, Sturgis, Mich. Fish-line reel.....	843,514	Feb. 5	1353	285	126	2131
Baumgarten, Albert, Freeport, Ill. Umbrella-clasp.....	840,551	Jan. 8	1543	340	126	440
Baumgarten, Albert, Freeport, Ill. Bottle-holder.....	853,151	May 7	1561	324	128	394
Baumgartl, Carl. (See Heller and Baumgartl.)						
Baumgartner, Charles B., Rochelle, assignor to Loraine Manufacturing and Tool Company, Chicago, Ill. Door-latch.....	856,936	June 11	2902	608	128	2459
Baumgartner, Joseph P., assignor of one-half to W. I. Forbes, Philadelphia, Pa. Hook and eye.....	864,596	Aug. 27	3914	1086	129	3396
Baumline, Richard L., Auburn, N. Y. Reduction-furnace.....	866,323	Sept. 17	2434	680	130	822
Baumo, Julius, Chicago, Ill. Advertising toy.....	869,686	Oct. 29	3918	1078	130	2613
Baur, Armin J., Mill Creek township, Erie county, Pa. Tool for applying fastening devices to split carriages, &c.....	874,381	Dec. 24	4262	898	131	1948
Baur, Armin J., Millcreek township, Erie county, Pa. Fastening device for split carriages.....	875,236	Dec. 31	5987	1247	131	2253
Baur, John C., St. Louis, Mo. Pencil.....	848,531	Mar. 26	5623	1231	127	1503
Baur, Theodore H., Middletown, Ohio. Back-curtain-raising device.....	870,408	Nov. 5	855	228	131	281
Baus, Burton A., Groversville, N. Y. Self-dumping bucket.....	856,211	June 11	1469	310	128	2099
Baus, Burton A., St. Johnsville, N. Y. Self-dumping bucket.....	870,409	Nov. 5	857	228	131	281
Bausch, Edward, Rochester, N. Y., assignor to Bausch & Lomb Optical Company. Projection apparatus.....	870,535	Nov. 12	1042	285	131	367
Bausch, Edward, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope.....	873,007	Dec. 10	1471	305-6	131	1429
Bausch, Edward, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Engraving-machine.....	873,008	Dec. 10	1473	306	131	1429
Bausch, George, Syracuse, N. Y. Nose-piece for eyeglasses.....	862,789	Aug. 6	1125	305	129	2427
Bausch, George, Syracuse, N. Y. Lens-mounting for eyeglasses.....	862,790	Aug. 6	1127	305	129	2427
Bausch & Lomb Optical Company. (See Bausch, Edward, assignor.)						
Bausch & Lomb Optical Company. (See Klein, Rudolph, assignor.)						
Bausch and Lomb Optical Company. (See Lomb, Henry C., assignor.)						
Bausch & Lomb Optical Company. (See Patterson, William L., assignor.)						
Bausch & Lomb Optical Company. (See Pellow, Arthur, assignor.)						
Bausher, Thomas D., Reading, Pa. Fire-kindler.....	848,150	Mar. 26	4892	127	1321	
Bausher, Thomas D., Reading, Pa. Melting-furnace.....	867,781	Oct. 8	839	240	130	1590
Bausher, Thomas D., Reading, Pa. Thawing-furnace.....	868,247	Oct. 15	1608	455	130	1847
Bauter, Eugene A., La Salle, Ill. Rotary engine.....	866,767	Sept. 24	3096	872	130	1068
Bayay, Auguste J. F. de, Kew, Victoria, Australia. Separating zinc-blende by flotation.....	864,597	Aug. 27	3915	1086	129	3396
Bavier, Adolphus, assignor to Waterbury Clock Co., Waterbury, Conn. Watchcase-center.....	842,516	Jan. 29	5559	1175	126	1568
Bavier, Adolphus, assignor to Waterbury Clock Co., Waterbury, Conn. Concealed hinge for watches.....	865,672	Sept. 10	1428	405	130	467
Bavier, Charles S., New York, N. Y. Lubricating device.....	847,544	Mar. 19	3653	804	127	984
Bawden, Herbert, and W. Hoskin, Central City, Colo., assignors of one-third to H. C. Eastman. Safety mechanism for elevators.....	846,386	Mar. 5	1324	291-2	127	334
Bawden, Herbert, and W. Hoskin, Central City, Colo., assignors of one-third to H. C. Eastman. Safety mechanism for elevators.....	846,436	Mar. 5	1446	321-2	127	365
Bawden, Herbert, W. Hoskin, and J. B. Merritt, Central City, Colo. Elevating means.....	862,791	Aug. 6	1128	305-6	129	2428
Baxter, Berry A., Mansfield, Ohio. Burner.....	849,359	Apr. 9	1483	301	127	2001
Baxter, Berry A., Mansfield, Ohio. Oven.....	849,360	Apr. 9	1485	302	127	2001
Baxter, Berry A., Mansfield, Ohio. Valve.....	853,621	May 14	2529	524	128	683
Baxter, Berry A., Mansfield, Ohio. Stove-door.....	862,602	Aug. 6	851	227	129	2348
Baxter, Daniel N., Wichita, Kans. Check-row corn-planter.....	866,708	Sept. 24	2994	849	130	1025
Baxter, Frederic, Manchester, England. Belt-fastener.....	873,009	Dec. 10	1475	306	131	1430
Baxter, John B., assignor to Covert Manufacturing Company, Watervliet, N. Y. Spring-tongue snap-hook.....	871,979	Nov. 26	3866	935	131	1020
Baxter, John J., Erie, Pa. Pocket door-lock.....	869,541	Oct. 29	3676	1007	130	2540
Baxter, Lancing B., Hickory, Va. Pea-harvesting machine.....	872,887	Dec. 3	1199	254-5	131	1355
Baxter, Robert S., Broughty Ferry, assignor to J. Urquhart, Dundee, Scotland. Machine for harvesting potatoes.....	872,166	Nov. 26	4254	1015	131	1081
Baxter, Seeley J., Wamego, Kans., and J. L. Carlyle, Doniphan, Mo. Railway-switch.....	853,857	May 14	3006	618	128	802
Baxter, Thomas W., et al. (See Passavant, Philip L., assignor.)						
Baxter, William W. (See Broadhead, Isaac, assignor.)						
Bayard, Emery, Rochester, N. Y., assignor to United Shoe Machinery Company, Paterson, N. J. Making shoes.....	855,831	June 4	752	155	128	1884
Bayer, Adolf, Brooklyn, N. Y. Revolving-piston explosive-engine.....	867,782	Oct. 8	839	240	130	1590
Bayer, Henry S., Jacksonville, Fla., assignor to Patent Ventilated Car Company, Charleston, S. C. Railway-car.....	865,349	Sept. 10	919	263-4	130	307
Bayer, John S., Warren, Pa. Culvert.....	868,524	Oct. 15	2055	577	130	1981
Bayles, Lewis C. (See Hellman and Bayles.)						
Bayles, William H., New York, N. Y. Binder.....	860,118	July 16	2771	756	129	980
Bayless, John, assignor to W. T. Nicholls, Wellsburg, W. Va. Ice-saw.....	865,989	Sept. 17	1937	541	130	666
Bayley, Arthur J. (See Russell and Bayley.)						
Bayley, Guy L., Pittsburg, Pa., assignor to Cummings Filter Co. Filtering apparatus.....	844,438	Feb. 19	3161	679-80	126	2656
Bayley, Perry H., Sidney, Ohio. Chimney-top.....	850,126	Apr. 16	2918	609	127	2402
Bayley, William, Springfield, Ohio. Corn-sheller.....	840,466	Jan. 8	1367	304	126	397
Baylis, Robert N., Englewood, N. J. Commutator-brush for dynamo-electric machines.....	845,740	Mar. 5	9	2	127	5

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Bayliss, Henry W. (See Reinhardt and Bayliss.)						
Bayliss, Thomas A., King's Norton, near Birmingham, and H. W. Brownsdon, London, England. Waterproof metallic explosive.	945,678	Feb. 26	5876		126	3367
Bayliss, Thomas R., Northfield, near Birmingham, England. Power-press.	867,093	Sept. 24	3596	1019-20	130	1220
Baylor, Adelaide S., and M. R. Laver, Wabash, Ind. Desk attachment.	860,625	July 23	3566	978	129	1276
Bayne, Eugene D. C., and L. A. Subers, Cleveland, Ohio. Automobile-tire-winding machine.	847,041	Mar. 12	2653	584-5	127	703
Bayne, Eugene D. C., and L. A. Subers, Cleveland, Ohio. Machine for coating the strands of a thread and also the twisted thread.	874,287	Dec. 17	4076	859	131	1886
Bayne, John G. (See Barnhouse, Sidney J., assignor.)						
Bayne, W. M. (See Leineweber, Herman, assignor.)						
Bayne, William M. (See Leineweber, Herman, assignor.)						
Baynes, Frederick A., Buffalo, N. Y. Oil-burner for lamps and stoves.	871,100	Nov. 19	1968	539	131	699
Baynes, Walter P., Salem, Ind. Poultry trap-nest.	864,598	Aug. 27	3917	1086	129	3317
Bayrer, William J., assignor to Henry & Wright Manufacturing Company, Hartford, Conn. Spindle-drive.	851,728	Apr. 30	6070	1268	127	3270
Bayrer, William J., assignor to Henry & Wright Manufacturing Company, Hartford, Conn. Drill-press.	863,137	Aug. 13	1680	450	129	2639
Bazeley, Arthur J., assignor to National Malleable Castings Company, Cleveland, Ohio. Car-coupling.	844,491	Feb. 19	3279	707-8	126	2685
Bazeley, Arthur J., assignor to National Malleable Castings Company, Cleveland, Ohio. Uncoupling device.	858,324	June 25	5626	1205-6	128	3220
Bazeley, Arthur J., assignor to National Malleable Castings Company, Cleveland, Ohio. Core-box.	869,224	Oct. 29	3161	871-2	130	2380
Bazin, Eugene L., Nantes, France. Automatic stop-valve.	845,213	Feb. 26	4952	1052	126	3139
Bazin, Eugene L., Nantes, France. Apparatus for utilizing the vis viva of sea-waves.	845,214	Feb. 26	4954	1052-3	126	3140
Bazlen, Max, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Production of stable, dry hydrosulfites.	861,014	July 23	4177		129	1473
Beach, Arthur T., and H. C. Russ, New York, N. Y. Rotary engine.	861,937	July 30	5603	1548-9	129	1953
Beach, Benjamin B., administrator. (See Beach, Harry E.)						
Beach, Charles S. (See White and Beach.)						
Beach, Elmer R., assignor of two-thirds to G. Perrine and J. Nelson, Traverse City, Mich. Shaft-collar.	847,882	Mar. 19	4364	956	127	1156
Beach, Fitch H. (See Beach, Fred S. and F. H.)						
Beach, Fred S. and F. H., Charlotte, Mich. Culvert.	854,397	May 21	4080	843-4	128	1115
Beach, Harry E., deceased; B. B. Beach, administrator, Newark, N. J. Street or station indicator.	851,216	Apr. 23	5020	1056-7	127	2975
Beach, Harry E., deceased, (B. B. Beach, administrator,) and C. E. Gierding, Newark, N. J.; said Gierding assignor to said Beach. Street or station indicator.	851,215	Apr. 23	5010	1053-5	127	2973
Beach, Harry L., Coshocton, Ohio. Sign.	855,747	June 4	594	122	128	1848
Beach, Howard L., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric apparatus.	873,290	Dec. 10	2024	424	131	1520
Beach, Howard L., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Alternating-direct-current system of control.	874,558	Dec. 24	4623	972	131	2006
Beach, Howard L., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control.	874,559	Dec. 24	4626	972	131	2007
Beach, Jacob C., Shirley, Mass. Hose-supporter.	842,750	Jan. 29	6074	1280	126	1694
Beach, John, Harwood Mines, Pa. Portable elevator.	862,874	Aug. 13	1269	344	129	2508
Beach, Oliver B., Stony Creek, Conn. Resilient tire for vehicle-wheels.	860,846	July 23	3891	1066-7	129	1381
Beach, Orton E. (See Keesling and Beach.)						
Beach, Oscar C., and A. L. Buzzell, assignors, by mesne assignments, to F. W. Braun, Los Angeles, Cal. Combined pulverizer and sampler.	841,921	Jan. 22	4282	923	126	1210
Beach, William N., New York, N. Y. Dry separator.	840,818	Jan. 8	2053	455	126	566
Beadle, Frank E., London, England. Tractor.	846,772	Mar. 12	2117	465-6	127	569
Beaghan, Thomas E., H. B. Reid, and J. H. Best, Shenandoah, Va. Relief-valve for locomotives.	842,060	Jan. 22	4547	977	126	1272
Beahn, Peter, Altoona, Pa. Automatic connector for train-pipes.	872,707	Dec. 3	819	170-1	131	1296
Beard, Lena R., et al. (See Sodekson, Nathan S., assignor.)						
Beal, Charles, Jr. (See Mitchell and Beal.)						
Beal, Epaphras L., Fredericksburg, Tex. Shaft and pulley collar.	853,214	May 14	1716	355	128	466
Beal, John. (See Bopp, Clinton L., assignor.)						
Beal, Michael L., Pasadena, Cal. Sandpapering and polishing machine.	854,625	May 21	4506	940	128	1220
Beal, Samuel T., Conway Springs, Kans. Attachment for automobiles.	855,275	May 28	5845	1219	128	1591
Beale, Addison H., and E. F. McDowell, Pottsville, Pa. Compound for facing the ports of open-hearth steel-furnaces.	850,723	Apr. 16	4060		127	2697
Beale, Samuel C., Los Angeles, assignor to Beale Manufacturing Company, Santa Ana, Cal. Baling-press.	861,701	July 30	5248	1442	129	1847
Beale, Samuel C., Los Angeles, assignor to Beale Manufacturing Co., Santa Ana, Cal. Pumping mechanism for baling-presses.	863,138	Aug. 13	1682	451	129	2639
Beale, Samuel C., Los Angeles, Cal., assignor to Mills Automatic Press Company. Automatic feed and delivery mechanism for printing-presses.	867,634	Oct. 8	625	176-7	130	1525
Beall, Albert E., Clinton, Iowa. Cement burial-vault.	859,193	July 9	1362	361	129	489
Beall, Fletcher W., et al. (See Byers, James J., assignor.)						
Beall, John W. (See McGranor and Beall.)						
Beals, Charles H. (See Jenney, Walter R., assignor.)						
Beals, Erl V., Boston, Mass. Justifying mechanism for type-matrices and types.	867,867	Oct. 8	980	280-1	130	1632
Beals, Erl V., Boston, Mass. Type-writer.	867,868	Oct. 8	987	281-2	130	1634
Beals, Erl V., Boston, Mass. Composing mechanism for printing-bar, matrix-making, and type-setting machines.	870,926	Nov. 12	1680	462-5	131	577
Beals, Frederick W., assignor to Lewis Blind Stitch Machine Company, St. Louis, Mo. Hem for sewed articles.	850,896	Apr. 23	4409	922	127	2826
Beam, Thomas L., Lake City, Colo. Bag and fastening.	871,664	Nov. 19	3165	785	131	885
Beaman, Arthur W. (See Stockbridge, Radford, assignor.)						
Beaman, Timothy L., Knoxville, Tenn. Seed-planter.	874,155	Dec. 17	3801	801	131	1842
Beamer, James R., Detroit, Mich. Stuffing-box.	867,938	Oct. 15	1139	314	130	1704
Beames, David. (See Mier and Beames.)						
Bean, Charles F., Port Tampa City, Fla. Adjustable swing.	857,432	June 18	3857	819	128	2741
Bean, Roscoe, Berea, Ohio. Torpedo-cane.	842,061	Jan. 22	4549	978	126	1273
Bean, Thomas, Getz, Va. Cross-line buckle.	862,959	Aug. 13	1391	379	129	2546
Bean, William H., Gadsden, Ala. Electric popcorn-machine.	870,155	Nov. 5	437	119	131	143
Bear, Charles I., et al. (See Wheeler, Orrin A., assignor.)						
Bear, Isaac. (See Deem, Arthur S., assignor.)						
Beard, F. M., et al. (See Carter, Joseph W., assignor.)						
Beard, George J., Waterloo, Ind. Switch-operating apparatus.	875,651	Dec. 31	6903	1439	131	2386
Beard, George M., Warsaw, Ind. Exhaust-valve mechanism for explosive-engines.	857,149	June 18	3327	701	128	2608

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Beard, Jerome L., Victor, Colo., assignor of one-half to R. M. Turner, Lost Cabin, Wyo. Pipe-cutter.....	852,697	May 7	657	127	128	172
Beard, John B. (See Gray, William E., assignor.)						
Beard, Michael A., Cabool, Ark. Quick-acting brace-chuck.....	875,493	Dec. 31	6488	1355	131	2334
Beard, Robert S. (See Hamm, Clayton W., assignor.)						
Beard, Sidney H., Paignton, England. Tennis-racket.....	840,467	Jan. 8	1369	304	126	398
Beard, W. R., et al. (See Struthers, Joshua A., assignor.)						
Beardsley, Moss W., Fremont, Ohio. Storm-front for buggies.....	854,324	May 21	3948	816	128	1082
Bearhope, George, assignor of two-thirds to W. A. and T. Mooney, Columbus, Ind. Process of stuffing leather and apparatus therefor.....	874,882	Dec. 24	5244	1105	131	2112
Bearse, Aaron, Syracuse, assignor of one-half to N. G. Pangburn, Albany, N. Y. Guy-wire fastener.....	849,100	Apr. 2	976	197	127	1838
Bearse, Aaron, Syracuse, assignor of one-half to N. C. Pangburn, Albany, N. Y. Guy-wire fastener.....	855,381	May 28	6024	1257	128	1636
Beasley, Benjamin F., Lexington, assignor of one-half to R. N. Beasley, Paint Lick, Ky. Change apparatus.....	858,253	June 25	5505	1175	128	3190
Beasley, Elmer. (See Bogard and Beasley.)						
Beasley, Frank, Lyons, N. C. Means for removably attaching buggy-tops.....	850,461	Apr. 16	3540	740	127	2565
Beasley, Noah N., Greeley, Colo. Gage attachment for planes.....	857,514	June 18	4017	855	128	2782
Beasley, Rallegth L., Gordon, Ala. Stump-pulling apparatus.....	852,411	May 7	3	1	128	3
Beasley, Rurick N. (See Beasley, Benjamin F., assignor.)						
Beason, William A., Ashville, Ala. Pencil-sharpener.....	858,558	July 2	330	81	129	119
Beates, James W., Denver, Colo. Wind-motor.....	871,024	Nov. 12	1838	503	131	624
Beaton, Robert W., Chicago, Ill. Fastener for pipe and conduit supports.....	855,924	June 4	942	195	128	1931
Beaton, Robert W., Chicago, Ill. Hanger.....	858,140	June 25	5311	1129	128	3140
Beattie, James G., J. Huether, and J. E. Martin, assignors to Robert Gair Company, New York, N. Y. Box-covering machine.....	863,579	Aug. 20	2325	637-8	129	2867
Beattie, William H. (See Minifie, William A., assignor.)						
Beatty, Alfred H., East Liverpool, Ohio. Clothes-holder.....	859,726	July 9	2172	587	129	756
Beatty, George, W. G., and M. J., Fergus, Ontario, Canada. Carrier.....	854,556	May 21	4376	907-8	128	1186
Beatty, Milton J. (See Beatty, George, W. G., and M. J.)						
Beatty, Orah T., assignor of one-third to T. S. Filson, East Brady, Pa. Air-brake.....	857,010	June 18	3053	643	128	2537
Beatty, William G. (See Beatty, George, W. G., and M. J.)						
Beaty, Warren G., Denmark, Tenn. Harrow.....	841,922	Jan. 22	4283	923	126	1210
Beaubien, Robert E., assignor to H. F. Hanson, Chicago, Ill. Apparatus for treating the scalp.....	861,349	July 30	4702	1284	129	1680
Beauchaine, Lee L. (See Zeman, Joseph A., assignor.)						
Beauchene, Charles, Lake Linden, Mich. Wrench.....	866,420	Sept. 17	2573	718	130	868
Beaudet, Louis O., Mendota, Minn. Lifting apparatus.....	851,912	Apr. 30	6438	1343-4	127	3366
Beaudette, Edmond, Montreal, Quebec, Canada. Incandescent-lamp support.....	851,975	Apr. 30	6572	1369	127	3400
Beaudette, Telephone J., Los Angeles, Cal. Acetylene-gas generator.....	873,406	Dec. 10	2274	474	131	1561
Beaudry, Frederick, Springfield, Mass. Mouse-trap.....	874,654	Dec. 24	4816	1011	131	2039
Beaudry, Zotique, Lynn, Mass. Tool for trimming the edges of soles and heels for boots and shoes.....	848,000	Mar. 26	4656	1015	127	1263
Beaulieu, Fred G. (See Hughes and Evans, assignors.)						
Beaulieu, Paul X., Presque Isle, Me. Brake.....	862,792	Aug. 6	1129	306	129	2428
Beaulieu, Paul X., Presque Isle, Me. Brake mechanism.....	869,157	Oct. 22	3057	844	130	2322
Beaumont, Edward A., Jr., and G. W. Garmon, Philadelphia, Pa. Check-controlled apparatus.....	851,641	Apr. 30	5892	1231	127	3225
Beaumont, Edward A., Jr., and G. W. Garmon, Philadelphia, Pa. Fraud-preventive device for check-operated machines.....	860,346	July 16	3114	851	129	1093
Beaumont, Edward A., Jr., and G. W. Garmon, Philadelphia, Pa. Check-operated mechanism.....	870,338	Nov. 5	739	198-9	131	243
Beauregard, Victor, New York, N. Y., assignor to American Circular Loom Company, Chelsea, Mass. Braiding-machine.....	862,436	Aug. 6	554	147-8	129	2262
Beavan, William A., Philadelphia, Pa. Holder for the receiver of a telephone.....	853,672	May 14	2621	544	128	707
Beaven, Charles J. (See Edgar, Lucien B., assignor.)						
Beaver, Byron R., Ulysses, Nebr. Wrench.....	864,721	Aug. 27	4108	1140	129	3456
Beaver, John E., Warwick, Ohio. Rail-joint.....	840,424	Jan. 1	1284	282	126	336
Beaver, John M., Fort Worth, Tex. Saw-filing machine.....	845,843	Mar. 5	212	44-5	127	56
Beaver, Milton S., Bangor, Pa. Street-indicator.....	859,725	July 9	2170	586-7	129	755
Beavers, Novia S., Woodland, Iowa. Gasolene pressure-lamp.....	868,962	Oct. 22	2765	763	130	2231
Beazell, Edwin H., Canonsburg, Pa. Piston.....	872,786	Dec. 3	975	202	131	1322
Beazley, William D. (See Moss, John I., assignor.)						
Bebout, Anna. (See Trotter and Bebout.)						
Bebout, Anna, St. Louis, Mo. Telephone-mouthpiece.....	871,468	Nov. 19	2790	702	131	823
Becchi, Angelo, and G. B. Tarantini, Genoa, Italy. Apparatus for submarine recovering operation.....	872,888	Dec. 3	1200	255-6	131	1355
Béché, Jean, Hückeswagen, Germany. File-cutting machine.....	849,361	Apr. 9	1487	302	127	2002
Becherer, Theodore M., Belleville, Ill. Speed-indicator.....	863,014	Aug. 13	1473	401-2	129	2573
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Machine or casting-box for making stereotype-plates.....	853,752	May 14	2804	576	128	754
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Inking mechanism.....	853,753	May 14	2806	576	128	754
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Stereotyping and type-metal-founding apparatus.....	853,754	May 14	2808	577	128	755
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Rotary web-press.....	854,142	May 21	3615	746-7	128	992
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Printing-press.....	855,748	June 4	595	122	128	1848
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Printing-press.....	856,126	June 4	1300	272-3	128	2021
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Flat-bed web-printing press.....	856,758	June 11	2590	532	128	2385
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Type-metal melting-pot.....	857,433	June 18	3859	820	128	2741
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Flat-bed web-press.....	858,054	June 25	5141	1088	128	3097
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Changeable speed driving mechanism.....	861,938	July 30	5604	1549	129	1953
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Stereotype-plate-casting apparatus.....	864,064	Aug. 20	3048	842	129	3096
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Rotary press (double line).....	867,230	Oct. 1	4	2	130	1317
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Single-plate cylinder-press.....	867,231	Oct. 1	6	2	130	1318

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Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Triplex printing-press.	867,232	Oct. 1	8	2-3	130	1319
Bechtel, Byron E., Waterloo, Ontario, Canada. Brick, block, or tile cutter.	853,858	May 14	3008	618	128	803
Bechtel, Byron E., and J. Ball, Waterloo, Ontario, Canada. Guard for rotary knives.	872,889	Dec. 3	1203	256-7	131	1355
Bechtel, Ernst. (See Eck and Bechtel.)						
Bechtel, William D., Washington, Mich. Clock-winding indicator.	854,868	May 28	5028	1045	128	1382
Bechtol, William, Arcanum, Ohio. Tobacco-truck.	852,052	Apr. 30	6766	1408	127	3449
Bechtold, Jacob, Munich, Germany. Earthquake-proof building.	845,046	Feb. 26	4622	983-4	126	3053
Bechtold, Joseph A., New York, N. Y. Hedge-trimmer.	873,830	Dec. 17	3124	665	131	1736
Bechtold, William S., Newark, N. J. Barrette.	859,797	July 9	2273	618	129	790
Bechtold, William S., Newark, N. J. Barrette.	859,798	July 9	2274	618	129	790
Bechtolsheim, Clemens von, Munich, Germany. Wedge connection between axletrees and naves.	867,468	Oct. 1	357	103	130	1423
Bechtolsheim, Clemens von, Munich, Germany. Automatic unloading and depositing device.	870,710	Nov. 12	1325	362-3	131	466
Beck, Arthur E., Earlwood, assignor to Ferrins Limited, Warrington, England. Manufacture of tubes.	869,476	Oct. 29	3574	980	130	2509
Beck, Carrie L., executrix. (See Beck, Warren F.) (Reissue.)						
Beck, Charles W., New York, N. Y. Acetylene-gas generator.	867,001	Sept. 24	3444	976	130	1177
Beck, Charles W., Rockville Center, N. Y. Joint-ring for acetylene-gas lamps.	870,339	Nov. 5	740	199	131	243
Beck, Conrad and H. C., London, England. Photographic lens.	871,559	Nov. 19	2985	744	131	853
Beck, Edward, New York, N. Y. Veneer-cutter.	847,151	Mar. 12	2850	629	127	750
Beck, Edward E., Chicago, Ill., assignor to Nye Tool and Machine Works. Screw-cutting tool.	840,899	Jan. 8	2227	490	126	610
Beck, Edward E., Chicago, Ill., assignor to Nye Tool and Machine Works. Mechanism for finishing screw-threading dies.	845,741	Mar. 5	10	2	127	5
Beck, Einar J. (See Beck, Otto E. and E. J.)						
Beck, Erich, Schenectady, N. Y. Operating-handle.	845,679	Feb. 26	5877	1240-1	126	3367
Beck, George J., Alton, Ill. Shaft attachment.	858,559	July 2	332	81	129	120
Beck, Harry J., Winburne, assignor to S. B. and J. C. Stine, Osceola Mills, Pa. Line-wire switch-rod for electric railways.	867,939	Oct. 15	1140	314	130	1705
Beck, Heinrich, Meiningen, Germany. Process and device for controlling electric circuits.	853,492	May 14	2263	469	128	614
Beck, Horace C. (See Beck, Conrad and H. C.)						
Beck, Jacob, Schenectady, N. Y., assignor to General Electric Company. Machine for making shells for electric-lamp sockets.	843,789	Feb. 12	1873	400-2	126	2298
Beck, John C., and J. A. Bowyer, Chicago, Ill. Air-pump.	847,394	Mar. 19	3360	736	127	905
Beck, John C., and J. A. Bowyer, Chicago, Ill. Air-pump.	872,043	Nov. 26	4022	964	131	1041
Beck, Joseph S., Medina, Ohio. Railway-splice.	843,732	Feb. 12	1777	379	126	2274
Beck, Niels D. S. K., Chicago, Ill. Ellipsograph.	873,291	Dec. 10	2028	424	131	1521
Beck, Niels D. S. K., assignor of one-half to L. Broz, Chicago, Ill. Floor-finishing apparatus.	864,403	Aug. 27	3565	991	129	3285
Beck, Otto E. and E. J., Racine, Wis. Hide-working machine.	858,560	July 2	332	82	129	120
Beck, Warren F., deceased; C. L. Beck, Elmira, N. Y., executrix. Manifolding-pad and holder. (Reissue.)	12,624	Mar. 26	5816	1267	127	1551
Beck, William M., Elwood, assignor of one-third to C. T. Parker, Fairmount, Ind. Means for signaling and stopping railway-vehicles.	852,156	Apr. 30	6954	1452	127	3495
Beck, William O., assignor to Western Electric Company, Chicago, Ill. Automatic calling device.	856,386	June 11	1886	389	128	2207
Becke, Max, assignor to Farbwerke vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Yellow and orange pigment colors.	844,845	Feb. 19	4246		126	2921
Becke, Max, assignor to Farbwerke, vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Color-feeding attachment for machines for dyeing or printing in shaded colors or tints.	860,893	July 23	3975	1089	129	1408
Beckel, William, Estevan, Saskatchewan, Canada, and J. J. Abel, Portal, N. D. Rail-joint.	865,990	Sept. 17	1937	542	130	666
Becker, Adolph F. (See Diehl and Becker.)						
Becker, Anton, Columbus, Ohio. Steel underframe for cars.	841,221	Jan. 15	2880	627	126	819
Becker, Anton, Columbus, Ohio. Dumping-car.	859,799	July 9	2274	618-19	129	790
Becker, Anton, Columbus, assignor, by mesne assignments, to Ralston Steel Car Company, East Columbus, Ohio. Dumping mechanism for metallic cars. (Reissue.)	12,623	Mar. 26	5812	1267	127	1550
Becker, Anton, assignor to Ralston Steel Car Company, Columbus, Ohio. Underframe for cars.	863,580	Aug. 20	2342	639	129	2874
Becker, Anton, assignor to Ralston Steel Car Company, Columbus, Ohio. Railway-car.	865,561	Sept. 10	1266	359	130	414
Becker, Anton, assignor to Ralston Steel Car Company, Columbus, Ohio. End construction of railway-cars.	865,854	Sept. 10	1730	482	130	573
Becker, Anton, assignor to Ralston Steel Car Company, Columbus, Ohio. Underframe for cars.	872,044	Nov. 26	4024	965	131	1042
Becker, Anton, assignor to Ralston Steel Car Company, Columbus, Ohio. Dumping-car.	872,045	Nov. 26	4025	965	131	1042
Becker, Archibald L., assignor to Vulcan Iron Works Company, Toledo, Ohio. Dipper-mounting.	857,577	June 25	4157	880	128	2847
Becker, August M., assignor of one-half to L. Strack, New York, N. Y. Picture-exhibitor.	862,697	Aug. 6	990	264	129	2388
Becker, Edmund H. (See Davy and Becker.)						
Becker, Ellsworth D. (See Arnold and Becker.)						
Becker, Frederick W., New York, N. Y. Violin chin-rest plate.	849,961	Apr. 9	2608	542	127	2287
Becker, George J., Buffalo, N. Y. Rail-joint.	857,860	June 25	4708	999	128	2987
Becker, Harry T., et al. (See Gerth, Anthony C., assignor.)						
Becker, Harvey P., Gloversville, N. Y. Ironing-machine.	861,630	July 30	5146	1412	129	1818
Becker, Heinrich. (See Koziel and Becker.)						
Becker, Ida, Hagen, Germany. Hair-ribbon holder.	840,681	Jan. 8	1786	394	126	500
Becker, Jacob, Kalk, near Cologne, Germany. Machine for shearing and pressing.	860,009	July 16	2625	713	129	933
Becker, Jacob, assignor of one-half to S. McCandlish, Seattle, Wash. Mail-box.	840,290	Jan. 1	1004	220	126	270
Becker, Julius H. (See Eichler and Becker.)						
Becker, Louis. (See Schilling and Flach, assignors.)						
Becker, Louis B., New York, assignor to E. Kirstein Sons Co., Rochester, and L. F. Adt, Albany, N. Y. Eyeglasses.	873,342	Dec. 10	2159	451	131	1540
Becker, Nicolaus, Frankfort-on-the-Main, Germany. Turbine.	846,896	Mar. 12	2381	523	127	636
Becker, Peter T. (See Thiesen and Becker.)						
Becker, Wilhelm, Hoboken, N. J. Projectile.	866,614	Sept. 24	2848	803	130	985
Becker, William A. F., Chicago, Ill. Electric sign.	867,635	Oct. 8	627	117	130	1526
Becker, William C., guardian. (See Becker, William J.)						
Becker, William D. (See Whitlock and Becker.)						
Becker, William J., Milwaukee, Wis.; W. C. Becker, guardian. Water-cooled stirring-shaft for roasting-furnaces.	863,139	Aug. 13	1684	452	129	2640
Becker, William J., and J. F. M. Patitz, Milwaukee, Wis.; W. C. Becker, guardian of said William J. Becker; said Patitz assignor to Allis-Chalmers Company, Milwaukee, Wis. Water-cooled stirring-shaft for roasting-furnaces.	863,140	Aug. 13	1685	452	129	2640

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Becket, Frederick M., Niagara Falls, N. Y. Reducing metallic sulfids.	855,157	May 28	5632	128	1536
Becket, Frederick M., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Reducing metallic oxids.	854,018	May 21	3349	.....	128	928
Becket, Frederick M., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Cooling-jacket for electric-furnace electrodes.	855,441	June 4	4	1	128	1696
Becket, Frederick M., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Producing vanadium and its alloys.	858,325	June 25	5627	.....	128	3220
Becket, Frederick M., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Treating iron or steel.	858,326	June 25	5628	.....	128	3221
Becket, Frederick M., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Alloy and producing it.	858,327	June 25	5630	.....	128	3221
Becket, Frederick M., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Reducing vanadium sulfid.	858,328	June 25	5631	.....	128	3221
Becket, Frederick M., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Effecting chemical reductions and producing metals and alloys.	858,329	June 25	5632	.....	128	3221
Becket, Frederick M., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Electric-furnace process of making low-carbon metal or alloys.	858,780	July 2	720	190	129	249
Becket, Frederick M., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Effecting chemical reductions and producing metals or alloys.	866,421	Sept. 17	2574	.....	130	868
Becket, Frederick M., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Producing alloys.	866,561	Sept. 17	2762	.....	130	925
Becket, Frederick M., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Producing ferro-vanadium.	866,562	Sept. 17	2763	.....	130	925
Beckett, James A., assignor to Walter A. Wood Mowing and Reaping Machine Company, Hoosick Falls, N. Y. Automatic grain-binder.	853,432	May 14	2133	445	128	580
Beckett, James W., Little Rock, and W. R. Beckett, Rose Bud, Ark. Insulator-tie for electric wires.	864,599	Aug. 27	3918	1087	129	3397
Beckett, William R. (See Beckett, James W. and W. R.)						
Beckman, Adolph G., and J. S. Schell, Baltimore, Md. Level.	842,062	Jan. 22	4552	978	126	1274
Beckman, Frank W., <i>et al.</i> (See Nystrom, Charles A. M., assignor.)						
Beckman, Horatio B., Newburgh, N. Y. Striking-comb for slashers.	866,422	Sept. 17	2575	719	130	869
Beckman, J. Henry, <i>et al.</i> (See Nystrom, Charles A. M., assignor.)						
Beckman, Jacob H., Seattle, Wash. Means for drying the interior of vats, &c.	867,548	Oct. 1	487	140	130	1464
Beckman, William B., <i>et al.</i> (See Dempsey, James M., assignor.)						
Beckmann, Carl, New York, N. Y. Marker.	852,214	Apr. 30	7065	1476	127	3524
Beckmann, Henry C. (See Meierhoff and Beckmann.)						
Beckmann, Richard, Charlottenburg, Germany. Receptacle for toothpicks.	863,896	Aug. 20	2813	772	129	3026
Beckwith, Horace G. (See Henricks, Isaac M., assignor.)						
Beckwith, Charles E., Peoria, Ill. Railway signal-torpedo.	850,724	Apr. 16	4061	849	127	2697
Beckwith, Frank A., Evanston, Wyo., assignor of one-half to T. W. Jones, Salt Lake City, Utah. Safety device for firearms.	845,994	Mar. 5	560	117	127	144
Beckwith, Frank A., Evanston, Wyo., assignor of one-third to R. Dumbeck, Salt Lake City, Utah. Automatic temperature-regulator.	848,280	Mar. 26	5146	1122-3	127	1388
Beckwith, Seth W., assignor to C. Baker, Toledo, Ohio. Constructing cement burial-vaults.	860,184	July 16	2873	784	129	1014
Beckwith, Walter C., Fostoria, Ohio. Railway torpedo-placer.	867,783	Oct. 8	841	240	130	1591
Becroft, William H., and A. Isaacs, West Hoboken, N. J. Pulley.	870,340	Nov. 5	743	199	131	244
Bedell, Frank L., Carbondale, Pa. Amplifying-horn support.	870,008	Nov. 5	214	57	131	77
Bedell, Isaac E., York, Pa. Ball-bearing for chairs.	875,494	Dec. 31	6489	1355	131	2334
Bedell, Isaac E., York, Pa., assignor to John Waldron Company, New Brunswick, N. J. Stick-feeder.	861,077	July 23	4261	1168	129	1498
Bedell, Richard M., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.	848,338	Mar. 26	5268	1148	127	1417
Bedell, Richard M., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.	858,141	June 25	5312	1129	128	3141
Bedell, William L., Newark, N. J. Game or puzzle.	840,741	Jan. 8	1921	422	126	534
Bedford, Ebenezer S., assignor of one-half to R. M. Ferguson, Grand Rapids, Mich. Show-case.	870,268	Nov. 5	617	166	131	201
Bedford, Edmund, Redlands, and L. N. Bedford, San Bernardino, Cal. Preserving fresh ripe olives.	860,185	July 16	2874	.....	129	1014
Bedford, Joseph. (See Winnard and Bedford.)						
Bedford, Lyman N. (See Bedford, Edmund and L. N.)						
Bedford, Milton T., assignor of one-half to R. V. Jones, Sidney, Ohio. Folding chair.	855,872	June 4	835	173	128	1905
Bedinger, Everett W., Jr., assignor to J. J. Barret and H. O. Hausgen, Anchorage, Ky. Carriage-bow support.	842,063	Jan. 22	4553	978	126	1274
Bedingsfield, James W., Florence, Ala. Washing-machine.	858,943	July 2	986	256-7	129	338
Beebe, Charles C., Arlington, Mass. Material of fabric and rubber.	846,387	Mar. 5	1327	292	127	335
Beebe, Charles C., assignor of one-half to T. G. Richards, North Brookfield, Mass. Rubber heel.	859,538	July 9	1881	505	129	663
Beebe, Charles C., assignor of one-half to T. G. Richards, North Brookfield, Mass. Making rubber heels.	859,539	July 9	1882	506	129	663
Beebe, Charles S. (See Reichert and Beebe.)						
Beebe, Charles S., Peru, Ind. Fence-post.	875,039	Dec. 31	5614	1172	131	2189
Beebe, Daniel S. (See Carter and Beebe.)						
Beebe, Elmer. (See Melvin, Charles T., assignor.)						
Beebe, Frederick H., Elyria, Ohio, assignor to National Tube Company, Pittsburg, Pa. Metal-piling apparatus.	864,722	Aug. 27	4109	1141	129	3456
Beebe, Robert H., Kalama, Wash. Swivel.	847,152	Mar. 12	2851	629	127	751
Beebe, Robert H., and I. R. Concoff, assignors to Hydraulic Wood Lift Company, St. Johns, Oreg. Hydraulic elevator.	856,759	June 11	2593	533	128	2386
Beebe, Robert H., and J. Trimble, assignors to Hydraulic Wood Lift Company, St. Johns, Oreg. Hoist.	863,345	Aug. 13	1992	536	129	2737
Beebe, William C., Alpena, Mich. Buoy.	849,362	Apr. 9	1489	302	127	2002
Beech, John M., <i>et al.</i> (See Olsen, John, assignor.)						
Beecher Lina, assignor to Flangeless Railway Corporation, Miami, Fla. Flangeless railway system.	860,847	July 23	3892	1067	129	1382
Beecher, Walter N., Chicago, Ill. Interchangeable vehicle-body.	845,844	Mar. 5	219	45	127	57
Beech-Nut Packing Company <i>et al.</i> (See Merritt, Joseph, assignor.)	865,290	Sept. 3	808	233	130	244
Beech-Nut Packing Company <i>et al.</i> (See Lorenz, William A., assignor.)						
Beebe, Herbert G., Pawtucket, R. I. Adjusting device.	856,567	June 11	2228	458	128	2291
Beg, Hans, assignor to Firm of Badische Maschinenfabrik und Eisengiesserei, vorm. G. Sebold and Sebold & Neff, Durlach, Germany. Match-making machine.	857,861	June 25	4709	999	128	2987
Behler, Charles M., Bradford, Pa. Metallic tie.	864,148	Aug. 27	3195	883-4	129	3169
Becken, Axel V., Newark, N. J., assignor to Ira Brown Company. Printing-machine.	849,454	Apr. 9	1649	334	127	2047

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Beekhuis, Hermanus A., Hanford, assignor to California Fruit Cannery Association, San Francisco, Cal. Apparatus for removing the skin from fruit.	864,944	Sept. 3	280	75-6	130	89
Beekley, Henry C., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Series shunt for dynamo-electric machines.	870,611	Nov. 12	1159	316	131	410
Beckman, Ross C., Independence, Kans. Laundry-machine.	870,536	Nov. 12	1043	285	131	368
Beeler, Fielding A. (See Beeler, Lemmon M. and F. A.)						
Beeler, Lemmon M. and F. A., Norfolk, Nebr. Display-fixture.	848,623	Apr. 2	8	2	127	1586
Beem, Guy O., and C. H. Martin, Los Angeles, Cal. Automatic ink-font for platen printing-presses.	869,863	Oct. 29	4175	1153	130	2689
Beeman, Edwin R., Minneapolis, assignor to Monitor Drill Co., St. Louis Park, Minn. Scraper for disk drills.	849,187	Apr. 2	1164	235	127	1887
Beeman, Howard H., <i>et al.</i> , executors. (See Jenkins, Lancaster Z.)						
Beemer, Frank, assignor to Standard Roller Bearing Company, Philadelphia, Pa. Spring-separator for ball-bearings.	860,186	July 16	2875	785	129	1015
Beerbower, George M., New York, N. Y. Turnstile.	861,351	July 30	4706	1285	129	1682
Beere, John M., St. Paul, Minn. Skirt and garment marking device.	851,642	Apr. 30	5894	1220	127	3225
Beernink, John, Milwaukee, Wis. Air-blast drier.	845,047	Feb. 26	4623	984	126	3053
Beers, George S., New Haven, Conn. Vehicle-spring.	861,702	July 30	5252	1443	129	1847
Beers, James O., Jr. (See Cantwell, Thomas, assignor.)						
Beers, John, White Springs, Fla. Running-gear for vehicles.	863,897	Aug. 20	2814	773	129	3026
Beers, Walter S., Marion, Ind. Pitman for pumping-jacks.	866,182	Sept. 17	2225	621	130	756
Beery, William H., Celina, Ohio. Tile-machine.	850,513	Apr. 16	3654	763-4	127	2595
Beeson, Arthur W. (See Henning and Beeson.)						
Beeson, William, Glitgedge, Mont. Beehive.	867,636	Oct. 8	629	177-8	130	1526
Begole, Joshua F., assignor to Wagner Electric Manufacturing Company, St. Louis, Mo. Frequency and volt indicator.	845,922	Mar. 5	411	84	127	106
Beguelin, Oscar, Battle Creek, Mich. Furnace.	871,854	Nov. 26	3564	871-2	131	978
Beh, Augustus E. and E., West Solvay, N. Y. Music-leaf turner.	853,571	May 14	2414	503	128	652
Beh, Estella. (See Beh, Augustus E. and E.)						
Beham, Howard A., Renfrow, Okla. Ter. Plow.	842,165	Jan. 29	4783	1021	126	1366
Beham, Howard A., assignor of one-third to J. A. Gregoire, Renfrow, Okla. Ter. Tobacco and match box.	847,458	Mar. 19	3487	763	127	938
Behan, Thomas, Alliquippa, Pa. Safety-valve for air-brakes.	852,157	Apr. 30	6956	1453	127	3495
Behan, Thomas, Alliquippa, Pa. Safety-valve for air-brakes.	867,234	Oct. 1	11	4	130	1320
Behl, William, Scotland, S. D. Eaves-strip.	873,407	Dec. 10	2276	475	131	1561
Behlen, Charles A., assignor to Durham Buggy Company, Durham, N. C. Side-spring vehicle.	867,233	Oct. 1	10	3	130	1320
Behm, Forrest E., and R. J. Wiley, Omaha, Nebr. Safety gas-burner.	866,563	Sept. 17	2764	773	130	926
Behnfeldt, Henry, Okolona, Ohio. Adjustable rope-locking registering head.	864,287	Aug. 27	3399	945	129	3233
Behning, Gustave, <i>et al.</i> (See Winter, Frederick W., assignor.)						
Behr, Burkard, Hamburg, Germany. Device for projecting life-lines.	843,385	Feb. 5	1095	227	126	2067
Behr, Henry J., assignor to G. A. Hildebrand, Philadelphia, Pa. Combined tack and staple extracting tool.	864,223	Aug. 27	3302	915	129	3204
Behr, Hermann, Magdeburg-Sudenburg, Germany. Resilient connection for pendulum-mills.	874,926	Dec. 31	5379	1124	131	2153
Behrend, Bernard A., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Rotor for high-speed dynamo-electric machines.	859,361	July 9	1631	434	129	582
Behrend, Bernard A., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Induction-motor.	872,708	Dec. 3	823	171	131	1296
Behrendt & Co. (See Behrendt, Eugene, assignor.)						
Behrendt, Eugene, Manila, Philippine Islands, assignor to Behrendt & Co., New York, N. Y. Machine for separating fibers from the pulp and other extraneous matter of plants and trees.	868,396	Oct. 15	1861	522	130	1923
Behrendt, Eugene, Manila, Philippine Islands, assignor to Behrendt & Co., New York, N. Y. Machine for separating fibers from the pulp and extraneous matter of plants and trees.	868,525	Oct. 15	2055	577-8	130	1981
Behrendt, Eugene, Manila, Philippine Islands, assignor to Behrendt & Co., New York, N. Y. Machine for separating fibers from the pulp of plants and trees.	868,526	Oct. 15	2061	579	130	1983
Behrens, Henry, Oakdale, Pa. Shoestring-fastener.	862,875	Aug. 13	1272	345	129	2508
Behringer, Emil, Brooklyn, N. Y. Collapsible hat.	857,434	June 18	3861	820	128	2741
Behringer, John, Chicago, Ill. Cooking utensil.	856,671	June 11	2437	501	128	2345
Behringer, Peter J., Cleveland, Ohio. Plate-glass-cutter's table.	847,459	Mar. 19	3489	764	127	939
Behrman, Marcus B., Baltimore, Md. Tobacco-box.	842,064	Jan. 22	4555	978	126	1274
Behrman, Marcus B., Baltimore, Md. Tobacco-box.	842,065	Jan. 22	4556	979	126	1274
Behrmann, Emil L. (See Pollard and Behrmann.)						
Beidler, George A., Oklahoma, Okla. Ter. Campaign device.	844,492	Feb. 19	3283	708	126	2686
Beidler, George A., Oklahoma, Okla. Ter. Collar-pin and necktie-fastener.	857,919	June 25	4828	1024	128	3016
Beidler, George A., Oklahoma, Okla. Ter. Machine for washing dishes.	860,515	July 16	3366	924-5	129	1177
Beigle, William J., assignor of one-half to W. S. Mack, Bingham Canyon, Utah. Collapsible form for arches and sewers.	859,478	July 9	1793	482	129	635
Beishlag, John, National Soldiers Home, Tenn. Steam-turbine.	849,455	Apr. 9	1649	334	127	2047
Beitler, Otto, Pittsburg, Pa. Vehicle-hub.	852,412	May 7	4	2	128	4
Beitman, Mattie, Cincinnati, Ohio. Skirt-hanger.	842,166	Jan. 29	4786	1022	126	1367
Beker, Rudolph G., Pittsburg, Pa., assignor to C. Schmidt, Cleveland, Ohio. Upsetting-machine.	843,790	Feb. 12	1878	402-4	126	2299
Belanger, John D. (See Dion and Belanger.)						
Belanger, John D., Chicago, Ill. Oil-cake trimmer.	848,428	Mar. 26	5443	1186-7	127	1460
Belanger, Joseph, assignor to J. Belanger, Labine & Company, Springfield, Mass. Inner-sole for shoes.	856,387	June 11	1889	389	128	2208
Belanger, Joseph T., <i>et al.</i> (See Boileau, James W., assignor.)						
Belanger, Labine & Company, J. (See Belanger, Joseph, assignor.)						
Belart, Hans, Huddersfield, England. Making indigo, &c.	868,755	Oct. 22	2449		130	2133
Belcher Brothers Company. (See Belcher, Henry F., assignor.)						
Belcher Brothers Company. (See Stimpson, Edwin B., assignor.)						
Belcher, Henry F., Irvington, N. J., assignor to Belcher Brothers Company. Desk-ruler.	854,325	May 21	3949	816	128	1083
Belcher, Ralph R., Bainbridge, Ga. Shelving construction.	862,128	Aug. 6	11	3-4	129	2084
Belcher, Samuel E., Los Angeles, Cal. Trolley device.	863,690	Aug. 20	2489	688	129	2922
Belcher, Winner C., Colfax, Cal. Tea-kettle.	873,653	Dec. 10	2739	580	131	1643
Belden, Frank M., Sheridan, Ill. Combined shaft and cross-bar brace.	874,288	Dec. 17	4078	860	131	1886
Belden, Robert, Spanish Ranch, Cal. Power-shovel.	856,018	June 4	1103	229-30	128	1973
Belding, George L. (See Franklin and Belding.)						
Belfield, A. Miller. (See Hansen, Rasmus, assignor.)						
Belfield, T. Broom. (See Goehring, John R., assignor.)						
Believeau, Elisabeth, Lynn, Mass. Hair-crimper.	861,426	July 30	4840	1328	129	1722
Belin, Edouard, Paris, France. Apparatus for transmitting to a distance real optical images.	853,755	May 14	2809	577	128	755

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Belin, Edouard and M., Paris, France. Telegraphic picture-transmitting mechanism...	844,086	Feb. 12	2425	519-20	126	2432
Belin, Marcel. (See Belin, Edouard and M.)						
Belisle, James. (See Bolton and Belisle.)						
Belisle, Nazaire, Manchaug, Mass. Smoker's set.....	865,475	Sept. 10	1115	318	130	367
Belitz, Paul H., Stettin, Germany. Ship propulsion.....	871,774	Nov. 26	3394	834	131	951
Belk, Robert C., Mount Holly, N. C. Reversible-disk plow.....	860,894	July 23	3976	1090	129	1408
Belknap, Charles A., assignor to Standard Addressing Machine Company, New York, N. Y. Addressing-machine.....	871,560	Nov. 19	2986	744-5	131	853
Belknap, Edward L. (See Foote and Johnston, assignors.)						
Belknap, Edwin C., and E. H. Jackson, Chicago, Ill. Combination door latch and bolt.....	847,883	Mar. 19	4365	956	127	1156
Belknap, Edwin C., and E. H. Jackson, Chicago, Ill. Locking latch and bolt mechanism.....	847,884	Mar. 19	4369	957	127	1158
Belknap, Ellsworth, Polo, Ill. Reversing-eccentric.....	841,481	Jan. 15	3395	733	126	952
Belknap, Ellsworth, Polo, assignor to W. C. Ross, Chicago, Ill. Roller-bearing.....	847,274	Mar. 12	3100	683	127	812
Bell, Alexander G., and H. P. McNeil, Washington, D. C. Connection device for the frames of aerial vehicles and other structures.....	856,838	June 11	2727	565	123	2418
Bell, B. Frank, et al. (See Mallard, Logan L., assignor.)						
Bell, Carroll M., and A. Dykstra, Goodland, Ind. Automatic switch mechanism.....	864,879	Sept. 3	183	52	130	58
Bell, Carroll M., and F. E. Noel, Goodland, Ind. Traction-wheel.....	860,119	July 16	2773	757	129	980
Bell, Clarence W., Alexandria, Ind. Mail-bag catcher and deliverer.....	843,433	Feb. 5	1174	247	126	2086
Bell, Donald J. (See Howell, Albert S., assignor.)						
Bell, Edwin H., assignor to Railroad Supply Company, Chicago, Ill. Tie-plate.....	846,281	Mar. 5	1116	243	127	283
Bell, Edwin H., assignor to Railroad Supply Company, Chicago, Ill. Tie-plate.....	873,707	Dec. 17	2852	607	131	1695
Bell, Emil G. (See Gray, Harry M., assignor.)						
Bell, Endo L., Norfolk, Va. Adjustable mirror.....	848,624	Apr. 2	9	3	127	1587
Bell, Endo L., Norfolk, Va. Safety appliance for railways.....	854,398	May 21	4082	844	128	1116
Bell, Enos T., assignor of two-thirds to O. C. Steele and L. O. Draper, Spiceland, Ind. Window curtain or shade.....	840,682	Jan. 8	1786	394	126	500
Bell, Eugene B. (See Krause, Romanus, assignor.)						
Bell, Floyd J., assignor of one-half to W. O. Phipps, Franklin, Pa. Furnace-door opener.	866,611	Sept. 17	2842	802	130	950
Bell, Franklin, et al. (See Wentworth, Reginald H., assignor.)						
Bell, George A., Aurora, Ill. Grader.....	871,101	Nov. 19	1973	540	131	700
Bell, George A., Aurora, Ill., assignor to Automatic Pulverizer Company, of Oklahoma Territory. Pulverizing-machine.....	864,502	Aug. 27	3728	1038-9	129	3341
Bell, George F., Sistersville, W. Va. Oil-well pump.....	870,410	Nov. 5	858	228	131	281
Bell, George H., assignor to H. L. Bell, Brooklyn, N. Y. Vaporizer.....	873,654	Dec. 10	2740	580	131	1643
Bell, George W., Liverpool, England. Pneumatic cushioning-wheel support.....	845,327	Feb. 26	5191	1101	126	3197
Bell, George W., Liverpool, England. Pneumatic wheel-support.....	851,393	Apr. 23	5381	1128	127	3098
Bell, George W., Liverpool, England. Pneumatic vehicle-spring.....	856,510	June 11	2106	433	128	2261
Bell, Guy A., Seattle, Wash. Speed and brake controller.....	862,534	Aug. 6	737	197	129	2312
Bell, Hattie L. (See Bell, George H., assignor.)						
Bell, Henry E., Burkeville, Va. Hay-curing rack.....	849,962	Apr. 9	2608	543	127	2287
Bell, James H., St. Louis, Mo. Fire-extinguisher.....	864,149	Aug. 27	3196	884	129	3169
Bell, Jerome B., Wilmington, Del. Font of matrices.....	865,073	Sept. 3	490	135	130	149
Bell, Jesse T., Washington, N. J. Horseshoe-calk.....	850,286	Apr. 16	3203	667	127	2478
Bell, John A., and S. W. Reynolds, Lathrop, Cal. Windmill.....	874,382	Dec. 24	4263	899	131	1948
Bell, John B., Taylorstown, Pa. Stop-cock.....	868,756	Oct. 22	2450	678	130	2133
Bell, John C., assignor of one-half to N. M. Adams, Cartersville, Ga. Cotton-chopper.	872,787	Dec. 3	976	203	131	1322
Bell, John E., Barborton, Ohio, assignor to Babcock & Wilcox Company, New York, N. Y. Traveling-grate stoker.....	857,011	June 18	3055	644	128	2538
Bell, John E., Barborton, Ohio, assignor to Babcock & Wilcox Company, New York, N. Y. Traveling-grate system.....	857,012	June 18	3057	644	128	2538
Bell, John E., Barborton, Ohio, assignor to Babcock & Wilcox Company, New York, N. Y. Superheater-boiler.....	857,013	June 18	3059	645	128	2538
Bell, John E., Barborton, Ohio, assignor to Babcock & Wilcox Company, New York, N. Y. Superheater-boiler.....	857,014	June 18	3060	646	128	2539
Bell, John E., Barborton, Ohio, assignor to Babcock & Wilcox Company, New York, N. Y. Superheater-boiler.....	857,015	June 18	3063	647	128	2540
Bell, John E., assignor to Babcock & Wilcox Company, New York, N. Y. Water-tube boiler.....	857,016	June 18	3064	647	128	2540
Bell, John E., assignor to Babcock & Wilcox Company, New York, N. Y. Water-tube boiler.....	857,017	June 18	3065	648	128	2541
Bell, John G. (See Gowey, Lees, and Bell.)						
Bell, John H., Haddonfield, N. J. Conveyor.....	842,611	Jan. 29	5751	1215	126	1615
Bell, Louis, Brookline, Mass. Telescope.....	869,769	Oct. 29	4035	1114	130	2647
Bell, Mary K., Knoxville, Tenn. Plumbing waste-pipe.....	861,493	July 30	4936	1355	129	1750
Bell, Oro A., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Locking-hinge.....	856,937	June 11	2903	608	128	2459
Bell, Robert F. (See Hornsby, Charley C., assignor.)						
Bell, Robert S., Tecumcari, N. Mex. Ter. Windmill.....	866,836	Sept. 24	3196	899	130	1098
Bell, Samuel E., Wangaratta, Victoria, Australia. Milk-bucket and similar vessel.	867,940	Oct. 15	1142	315	130	1705
Bell, Walter J., assignor of one-half to L. F. Moss, Los Angeles, Cal. Automatic fluid-pressure and motor controller.....	850,412	Apr. 16	3446	722	127	2543
Bell, Walter J., assignor of one-half to S. L. Kistler, Los Angeles, Cal. Massage-vibrator.....	866,610	Sept. 17	2840	801-2	130	950
Bell, Willard J., assignor to Newaygo Portland Cement Company, Newaygo, Mich. Machine for crushing and pulverizing.....	860,783	July 23	3800	1041	129	1350
Bell, William, Montreal, Quebec, Canada. Banana-package.....	857,435	June 18	3861	820	128	2742
Bell, William, Montreal, Quebec, Canada. Banana-case.....	872,788	Dec. 3	980	203	131	1323
Bell, William G., Newton, Mass. Door-controller.....	851,272	Apr. 23	5137	1081	127	3005
Bell, William J., assignor of one-third to H. B. Fargo, Deerfield, Wis. Lightning-arrester.	865,291	Sept. 3	809	233	130	244
Bell, William R., Venetia, Pa. Antirefillable bottle.....	866,564	Sept. 17	2766	773	130	926
Bellamy, Alfred R., Stockport, England. Internal-combustion engine.....	855,611	June 4	325	66	128	1777
Bellamy, Charles H., Philadelphia, Pa. Automatic window-sash-fastening device.	866,565	Sept. 17	2766	773	130	926
Bellamy, Elmer E., Cleveland, Ohio. Illuminated sign.....	844,087	Feb. 12	2430	520	126	2432
Bellatty, Louis L., New York, N. Y. Safety-tread.....	866,423	Sept. 17	2576	719	130	869
Bellens, Charles. (See Lentz and Bellens.)						
Beller, Charles J., Bedford, assignor of one-half to J. Beller, Cleveland, Ohio. Anchor for tape-lines.....	856,938	June 11	2904	.....	128	2460
Beller, John. (See Beller, Charles J., assignor.)						
Bellinger, David E., Chanute, Kans. Packer for baling-presses.....	872,639	Dec. 3	673	140-1	131	1276
Bellinger, John N., Casa, Ark. Snap-hook.....	871,270	Nov. 26	4463	1060	131	1114
Bellmaine, William H., assignor of one-half to G. Stone, Pocatello, Idaho. T-pipe.....	867,784	Oct. 8	842	240	130	1392
Bellmann, Charles, assignor to himself and A. Glaus, Milwaukee, Wis. Hoof-pad.....	846,082	Mar. 5	750	156	127	191
Bellmann, Charles, assignor to himself and A. Glaus, Milwaukee, Wis. Horseshoe.....	846,083	Mar. 5	751	156	127	192
Bellmer, Herman, Brooklyn, N. Y. Attachment for desk-drawers.....	872,789	Dec. 3	982	203	131	1323

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Belloff, John C., and A. Roth, New Brunswick, N. J. Emergency attachment for horse-shoes.	863,581	Aug. 20	2343	639	129	2874
Belloff, John C., and A. Roth, New Brunswick, N. J. Safety-calk for horseshoes.	863,582	Aug. 20	2344	639-40	129	2874
Belloni, Ernesto L., Milan, Italy. Integral or through coloration of marble.	844,846	Feb. 19	4247		126	2921
Bellows, Arthur B., Pittsburg, Pa. Water-softening plant.	843,572	Feb. 12	1486	314	126	2197
Bellows, Arthur B., Pittsburg, Pa. Truck-bolster.	847,885	Mar. 19	4376	957-8	127	1159
Bellows, Benjamin F., Cleveland, Ohio. Telegraph-key.	855,085	May 28	5490	1138-9	128	1501
Bellows, Horace M., Huntingdon Valley, Pa. Aerial navigation.	844,771	Feb. 19	4100	875	126	2882
Belstner, George J., assignor of one-half to W. H. Stone, Chicago, Ill. Pulverizer.	852,096	Apr. 30	6838	1427	127	3466
Belt, Wallace E., Dodge Center, Minn. Power transmission.	851,197	Apr. 23	4974	1045-6	127	2965
Belt, William R., <i>et al.</i> (See Harris, Edward, assignor.)						
Beltrame, Pietro, and P. Falchi, Terni, Italy. Safety-razor.	856,438	June 11	1987	409	128	2232
Beltz, Charles L. (See Langer, Gotthold L., assignor.)						
Beltzer, Lewis H., Dewey, Ind. Ter. Wire-fence tightener.	850,612	Apr. 16	3833	801	127	2640
Beman, Henry C., Meadville, Pa. Oil-can.	860,276	July 16	3007	823	129	1058
Beman, Henry C., Meadville, Pa. Dispensing apparatus.	867,094	Sept. 24	3598	1020	130	1220
Bemelmans, Leon, Schaerbeek, near Brussels, Belgium. Gas-generator furnace.	855,749	June 4	598	123	128	1849
Bement, Frank, assignor to Wire Goods Company, Worcester, Mass. Garment-hanger.	842,932	Feb. 5	187	42	126	1837
Bement, William O., assignor to Wire Goods Company, Worcester, Mass. Hook.	842,933	Feb. 5	188	43	126	1837
Bemis, Gilbert C., Lynn, Mass. Shoe.	841,763	Jan. 22	3957	854	126	1130
Bemis, Wallace L., Brockton, Mass., assignor to E. Kirstein Sons Co., Rochester, and L. F. Adt, Albany, N. Y. Eyeglasses.	873,343	Dec. 10	2161	451	131	1540
Bemus, Thomas A., assignor to T. Alton Bemus Company, Incorporated, Boston, Mass. Circuit-closer.	867,095	Sept. 24	3599	1021	130	1221
Bemus, Thomas A., assignor to T. Alton Bemus Company, Incorporated, Boston, Mass. Circuit-closer for explosive-engines.	874,289	Dec. 17	4079	860	131	1886
Ben Steele Weigher Manufacturing Company. (See Steele, Benjamin M., assignor.)						
Benbow, Richard J., Milligan, Fla. Saddle-cushion.	852,593	May 7	447	82	128	118
Benckendorf, Ora S., Streator, Ill. Gasolene-engine.	862,603	Aug. 6	852	227	129	2348
Bender, Charles J., Fergus Falls, Minn. Bung.	863,831	Aug. 20	2708	747	129	2992
Bender, Edward A., Philadelphia, Pa., assignor to E. A. Bender & Company. Liquid-soap cup.	847,722	Mar. 19	4030	881	127	1077
Bender, Franz J. W. (See Lowman, John, assignor.)						
Bender, Guy W., Alexander, Ill. Envelop.	863,964	Aug. 20	2909	801	129	3054
Bender, John, <i>et al.</i> (See Leichter, Edward, assignor.)						
Bender, Ledru R., Elizabethtown, Pa. Miter-box.	868,634	Oct. 22	2258	625	130	2074
Bender, Robert, and F. W. Taylor, Philadelphia, Pa.; said Bender assignor to said Taylor. Combined hothouse, grapery, and greenhouse.	841,306	Jan. 15	3061	663	126	865
Bendix, Emile and F. O., New Orleans, La. Filter.	856,332	June 11	1748	362	128	2169
Bendix, Frederick O. (See Bendix, Emile and F. O.)						
Bendlage, Charles B., Marshalltown, Iowa. Hoe or rake handle connection.	867,096	Sept. 24	3600	1021	130	1221
Benecke, Adelbert O., Vailsburg, N. J. Electrical measuring instrument.	851,976	Apr. 30	6574	1370	127	3400
Benecke, Adelbert O., Newark, N. J., assignor to American Instrument Company. Electrical measuring instrument.	845,995	Mar. 5	562	118	127	144
Benecke, Adelbert O., Newark, N. J., assignor to American Instrument Company. Shunt for electrical measuring instruments.	845,996	Mar. 5	565	118	127	144
Benecke, Adelbert O., assignor to American Instrument Company, Newark, N. J. Electrical resistance.	845,997	Mar. 5	566	119	127	145
Benecke, Adelbert O., assignor to American Instrument Company, Newark, N. J. Electrical measuring instrument.	846,084	Mar. 5	752	157	127	192
Benedict, Charles F. (See Cleff and Benedict.)						
Benedict, Charles R., Kansas City, Kans., and J. A. Hutcheson, Kansas City, Mo. Alarm attachment for incubators.	869,409	Oct. 29	3465	952	130	2476
Benedict, Frank E., <i>et al.</i> (See Benedict, Terah J., assignor.)						
Benedict, George H., Chicago, Ill. Calculating device.	862,232	Aug. 6	199	55	129	2145
Benedict, George S., Kingsland, Tex. Pipe-clamp.	861,078	July 23	4262	1168	129	1499
Benedict, Harris M., Cincinnati, Ohio. Key guard and stop.	865,855	Sept. 10	1731	482	130	573
Benedict, Myron C., Los Angeles, Cal. Blackboard-ruler.	858,254	June 25	5507	1176	128	3191
Benedict, Terah J., East Orange, assignor of two-thirds to F. E. Benedict, Newark, and C. M. Lum, Summit, N. J. Antirattling sash-holder.	862,302	Aug. 6	327	91	129	2185
Benedict, Walter S., New York, N. Y. Lock for vault-covers.	858,781	July 2	721	190	129	249
Benefel, Harriet C., Vandalia, Ill. Kettle.	871,665	Nov. 19	3166	785	131	885
Benét, Laurence V., and H. A. Mercié, Paris, France. Gun-mount.	851,485	Apr. 23	5553	1163-5	127	3109
Benét, Laurence V., and H. A. Mercié, Paris, France. Semi-automatic gun.	852,253	Apr. 30	7126	1492-3	127	3540
Benét, Laurence V., and H. A. Mercié, Paris, France. Firing-gear.	854,557	May 21	4380	908-9	128	1187
Benét, Laurence V., and H. A. Mercié, Paris, France. Apparatus for sighting ordnance.	854,558	May 21	4386	909-11	128	1190
Benét, Laurence V., and H. A. Mercié, Paris, France. Gas-operated gun.	861,939	July 30	5606	1549-56	129	1954
Benet, Peter A., Boston, Mass. Combination-tool.	871,271	Nov. 26	4464	1060-1	131	1114
Bengtson, John A. (See Krans, Levin C., assignor.)						
Bengtson, Walter, Porter, Minn. Automatic railway-gate.	840,683	Jan. 8	1789	395	126	501
Benicke, Georg, Offenbach-on-the-Main, Germany. Grinding apparatus.	842,381	Jan. 29	5253	1114-15	126	1489
Benicke, Georg, Offenbach-on-the-Main, Germany. Apparatus for grinding crank-shafts.	864,880	Sept. 3	186	52	130	58
Benisch, Joseph A., New York, N. Y. Door.	864,503	Aug. 27	3729	1039	129	3342
Benjamin, Albert W. (See Van Luyen, Thomas F., assignor.)						
Benjamin, Alfred H., East Orange, assignor to Benjamin & Johnes, Newark, N. J. Apparel-corset.	873,489	Dec. 10	2421	509	131	1588
Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Cord-holder for self-binders.	865,754	Sept. 10	1559	439	130	508
Benjamin, Charles W., New York, N. Y., assignor to J. A. Brill, Philadelphia, Pa. Car.	852,816	May 7	905	184-6	128	231
Benjamin Eastwood Co. (See Laylor, Daniel, assignor.)						
Benjamin Electric Manufacturing Company. (See Benjamin, Reuben B., assignor.)						
Benjamin, George, assignor of one-half to F. A. Tygert, Philadelphia, Pa. Collapsible table.	871,254	Nov. 19	2306	602	131	750
Benjamin & Johnes. (See Benjamin, Alfred H., assignor.)						
Benjamin, Louis N. (See Tye, Boivin, and Benjamin.)						
Benjamin, Reuben B., Chicago, Ill. Gas-Engine.	846,897	Mar. 12	2382	523-4	127	636
Benjamin, Reuben B., Chicago, Ill. Twin lamp-socket.	852,490	May 7	210	38	128	61
Benjamin, Reuben B., Chicago, Ill. Connection for electrical sockets and conduits.	854,978	May 28	5238	1091	128	1437
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Cluster lamp-socket.	852,489	May 7	205	38	128	59
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Plural lamp-socket.	852,491	May 7	213	39	128	62
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electric-lamp socket.	861,940	July 30	5621	1556-7	129	1961
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electric-lamp socket.	861,941	July 30	5622	1557-8	129	1962

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Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electric-lamp socket.....	861,942	July 30	5624	1558	129	1962
Benjamin, William H. (See Sohner and Benjamin.)						
Benn, Hans H., London, England. Friction-clutch coupling.....	840,742	Jan. 8	1922	423	126	534
Benn, Hans H., Prerau, Austria-Hungary. Friction-coupling.....	850,462	Apr. 16	3541	740-1	127	2566
Benn, Howard H., assignor of forty-five one-hundredths to W. Turpie, Columbus, Ohio, and F. B. De Witt, Au Gres, Mich. Boiler-furnace.....	860,077	July 16	2726	742-3	129	966
Benner, Glenn, and B. S. Rogers, Lindsey, Ohio. Mail-bag catcher.....	853,572	May 14	2415	503	128	653
Benner, Lorenzo D., Peoria, Ill. Corn-planter.....	861,079	July 23	4263	1169	129	1499
Benners, Edwin H., Elizabeth, N. J. Pavement and metal reinforce therefor.....	845,289	Feb. 26	5121	1085	126	3181
Benners, Edwin H., Elizabeth, N. J. Side frame for car-trucks.....	872,790	Dec. 3	983	204	131	1323
Bennerscheidt, August, San Francisco, Cal. Fireproof window-sash.....	865,991	Sept. 17	1938	542	130	666
Bennerscheidt, Herman, Anaheim, Cal. Hydraulic drill and reamer.....	862,381	Aug. 6	445	121	129	2227
Bennet, John H. (See Anderson and Bennet.)						
Bennett, Abijah B., Opelika, Ala. Cutting implement.....	840,468	Jan. 8	1370	305	126	398
Bennett, Abijah B., Opelika, Ala. Lock attachment.....	852,645	May 7	546	104	128	143
Bennett, Albert, Arnold, and R. Binder, Natrona, Pa. Safety-elevator.....	849,188	Apr. 2	1166	235	127	1887
Bennett, Albert D., Cleveland, Ohio. Puzzle.....	845,845	Mar. 5	222	45	127	58
Bennett, Albert D., Cleveland, Ohio. Toy.....	845,846	Mar. 5	222	46	127	58
Bennett, Alexander M., assignor of one-half to C. Bennett, Ellsworth, Mich. Combined fire and burglar alarm.....	850,287	Apr. 16	3204	668	127	2478
Bennett, Charles. (See Bennett, Alexander M., assignor.)						
Bennett, Charles E., Topeka, Kans. Window-shade bracket.....	874,655	Dec. 24	4817	1011	131	2039
Bennett, Charles H., Mount Morris, N. Y. Green-corn husker.....	864,065	Aug. 20	3049	843	129	3096
Bennett, David E., Elmira, N. Y. Incinerating-furnace.....	858,561	July 2	333	82-3	129	120
Bennett, David E., Nazareth, Pa. Garbage-cremator.....	867,941	Oct. 15	1143	315-16	130	1705
Bennett, Edwin F., Topeka, assignor of one-half to F. X. Aaron, Lansing, Kans. Hinge.....	861,251	July 30	4533	1240	129	1620
Bennett, Edwin R., and M. I. Ekern, Flandreau, S. D. Safety gas cock or valve.....	853,053	May 7	1393	290	128	354
Bennett, Erastus S., New York, N. Y. Gold-saving apparatus.....	849,101	Apr. 2	978	198-9	127	1838
Bennett, Ernest C., New York, N. Y. Removable dental bridgework.....	852,413	May 7	5	2	128	4
Bennett, Francis I., Nutley, N. J. Shoe-blackening stand.....	858,851	July 2	857	223	129	296
Bennett, Frank, Mineral Wells, Tex. Sand-band for vehicles.....	874,927	Dec. 31	5380	1125	131	2153
Bennett, Fred J., Auburn, N. Y. Caster for fishing-lines.....	864,504	Aug. 27	3731	1040	129	3342
Bennett, Frederick F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Air-gun.....	843,990	Feb. 12	2259	482	126	2392
Bennett, George D., Reidsville, N. C. Cultivator and fertilizer-distributor.....	844,912	Feb. 19	4363	932	126	2948
Bennett, George H., New York, N. Y. Making flooring and the flooring itself.....	867,637	Oct. 8	632	178	130	1527
Bennett, George S., San Francisco, Cal. Oil-regulating valve.....	868,757	Oct. 22	2451	678	130	2133
Bennett, Harry, Latrobe, Pa. Beating-roll for paper-pulp or other engines.....	858,256	June 25	5511	1176	128	3192
Bennett, Harry, Newark, N. J., assignor to Bennett Inventing and Manufacturing Company. Trolley for electric railways.....	858,255	June 25	5509	1176	128	3191
Bennett, Harry, assignor to M. S. Kamm and E. E. Hardy, Newark, N. J. Repeating cap-pistol.....	843,064	Feb. 5	439	95-6	126	1905
Bennett Inventing and Manufacturing Company. (See Bennett, Harry, assignor.)						
Bennett, Jackson W., assignor of one-half to Keim & McMillan Hardware Company, Carthage, Mo. Automatic animal-trap.....	859,638	July 9	2033	549	129	712
Bennett, James, Cleveland, Ohio. Boiler-flue cleaner.....	853,152	May 7	1562	325	128	395
Bennett, James C., Detroit, Mich. Steam tube-blower.....	844,943	Feb. 19	3284	708	126	2686
Bennett, James C., Detroit, Mich. Steam-flue cleaner or blower.....	861,350	July 30	4705	1285	129	1381
Bennett, James F., Dronfield, near Sheffield, and J. Mastin, Sheffield, England. Buffer.....	849,189	Apr. 2	1167	235	127	1887
Bennett, James P., Broadway, Va. Corn-thinner.....	849,654	Apr. 9	2053	421	127	2146
Bennett, John, Huntington, W. Va. Gas-burner for stoves.....	851,486	Apr. 23	5557	1165	127	3109
Bennett, John, Parry Sound, Ontario, Canada. Dumping-car.....	869,613	Oct. 29	3805	1040-1	130	2580
Bennett, John H., and A. I. Miner, San Francisco, Cal. Arc-lamp.....	844,439	Feb. 19	3163	680	126	2656
Bennett, Joseph A. (See Kinsler, George B., assignor.)						
Bennett, Joseph A., Youngwood, Pa. Angle-cock for air-brake systems.....	849,190	Apr. 2	1168	236	127	1887
Bennett, Joseph J., Lisbon, Ohio, assignor to Bennett Register Company. Accounting device.....	869,614	Oct. 29	3806	1041-2	130	2580
Bennett-Marvell Manufacturing Company. (See Marvell, Roy W., assignor.)						
Bennett, Orin F. (See Stone, Frederick B., assignor.)						
Bennett, Raymond F., Portland, Me. Boom-point for derricks.....	856,212	June 11	1471	310-11	128	2099
Bennett Register Company. (See Bennett, Joseph J., assignor.)						
Bennett, Rolla L. (See Robinson and Bennett.)						
Bennett, Stephen D., and G. Sylvia, Fitchburg, Mass. Waste-condenser for combers.....	848,625	Apr. 2	12	3	127	1588
Bennett, Thomas S., Attleboro, Mass. Band for bracelets.....	870,076	Nov. 5	315	87	131	106
Bennett, Thomas S., Attleboro, Mass. Band for bracelets.....	870,077	Nov. 5	316	87	131	106
Bennett, William, and W. A. Ralston, assignors to Caldwell Manufacturing Company, Rochester, N. Y. Door-check.....	870,216	Nov. 5	545	146	131	179
Bennett, William A., Enterprise, W. Va. Shade-bracket.....	867,869	Oct. 8	993	282	130	1636
Bennett, Winchester, assignor to Winchester Repeating Arms Company, New Haven, Conn. Cartridge-deflector for top-ejection guns.....	851,643	Apr. 30	5895	1232	127	3226
Benning, Fredrick C., Nezpique, La. Marine propulsion.....	869,048	Oct. 22	2899	800	130	2273
Benning, Henry, Chicago, Ill. Attachment for baby-carriages.....	874,656	Dec. 24	4819	1011	131	2040
Benning, William. (See Wilson, Charles, assignor.)						
Bennington, Asa L., J. S., Jr., and J. F., La Harpe, Ill. Brooding-coop.....	858,643	July 2	500	129	129	174
Bennington, Jacob S., Jr. (See Bennington, Asa L., J. S., Jr., and J. F.)						
Bennington, John F. (See Bennington, Asa L., J. S., Jr., and J. F.)						
Benoid, James, London, England. Laundry starch-powder.....	867,235	Oct. 1	12	.....	130	1320
Benoit, Ida V., New York, N. Y. Storm-garment.....	857,578	June 25	4158	880-1	128	2847
Benrather Maschinenfabrik Actiengesellschaft. (See Arnst, Emil, assignor.)						
Benscher, Herman, Davenport, Iowa. Journal-box.....	844,088	Feb. 12	2431	520	126	2432
Bensch, Herman, Davenport, Iowa. Dust-guard.....	849,963	Apr. 9	2610	543	127	2288
Bense, John H., and J. W., Oak Harbor, Ohio. Combustion-engine.....	856,760	June 11	2595	532	128	2386
Bense, John W. (See Bense, John H. and J. W.)						
Benser, Frank S., and M. M. Faucett, Hoskins, Nebr. Lock for mail-sacks.....	849,040	Apr. 2	852	175	127	1805
Bensing, Jacob, Malinta, Ohio. Brick and tile cutting machine.....	853,573	May 14	2417	504	128	653
Bensinger, Charles E., and F. L. Thomas, Sterling, Ill. Combined ambulance-stretcher and hospital-chair.....	865,006	Sept. 3	383	104	130	120
Bensinger, Charles J., and M. R. Fuller, Findlay, Ohio. Moving-picture film.....	863,141	Aug. 13	1686	452	129	2640
Benson, Adolph W., assignor to A. W. Benson Manufacturing Company, Minneapolis, Minn. Lumber-cart.....	848,339	Mar. 26	5269	1149	127	1418
Benson, Adolph W., assignor, by mesne assignments, to A. W. Benson Manufacturing Co., Minneapolis, Minn. Toy train.....	850,514	Apr. 16	3657	764	127	2596
Benson, Alvarado T. (See Phillips, Elwood C., assignor.)						
Benson, Andrew C., Camden, Ark. Gluing-clamp.....	870,761	Nov. 12	1420	386	131	492

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Benson, Arthur E., Providence, R. I., assignor to Draper Company, Hopedale, Mass. Filling-detecting mechanism for looms.	848,801	Apr. 2	373	74	127	1684
Benson, Caroline, Pittsburg, Pa. Curtain-pole.	866,324	Sept. 17	2435	680	130	822
Benson, Charlie E., Buffalo, N. Y., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Lathe-turret.	851,217	Apr. 23	5027	1058	127	2977
Benson, Edward L., Omaha, Nebr. Signal-buoy and lifting device for sunken submarine boats.	861,795	July 30	5407	1490	129	1895
Benson, John H. (See Hadley, William S., assignor.)						
Benson, Joseph S., Fruitland, Iowa. Reversible propeller.	859,362	July 9	1632	434	129	582
Benson, Samuel, Chicago, Ill. Means for separating and eliminating smoke-suspended matter.	846,448	Mar. 12	1475	328	127	403
Benson, Samuel, Chicago, Ill. Means for separating and eliminating smoke-suspended matter.	847,886	Mar. 19	4377	958	127	1160
Benson, Simon W., Chicago, Ill. Metallic-framed window-screen.	864,224	Aug. 27	3304	915-16	129	3205
Benson Toy Manufacturing Company. (See Bates, Joseph W., assignor.)						
Benson, Victor A., Los Angeles, Cal. Elevator-door mechanism.	853,859	May 14	3014	619	128	804
Benson, William G., Mooresville, Mo. Music-leaf turner.	849,717	Apr. 9	2160	444-5	127	2173
Benson, William M., Newport, Pa. Grooving and ditching plow.	843,386	Feb. 5	1096	227	126	2067
Benson, William W., Philadelphia, Pa. Support for electric conductors.	866,709	Sept. 24	2995	849	130	1026
Benstead, Fred L., Hoxie, Ark. Pen and pencil holder.	854,019	May 21	3351	688	128	928
Bent, George W., Boston, Mass. Bed.	870,663	Nov. 12	1253	340	131	442
Bentler, John W., Erlanger, Ky. Vehicle running-gear.	848,281	Mar. 26	5152	1123	127	1389
Bentley, Alfred D., Toronto, Ontario, Canada. Device for holding the lids of boxes, cases, and similar receptacles in place.	871,561	Nov. 19	2991	746	131	854
Bentley, Alfred D., assignor of one-half to R. H. Schultz, Toronto, Ontario, Canada. Seal-lock.	855,086	May 28	5492	1139	128	1502
Bentley, Anson J., Niles, Ohio. Brick-pallet.	859,039	July 2	1134	303	129	386
Bentley, Charles E., New York, N. Y. Stamped fabric.	869,225	Oct. 29	3162	872	130	2381
Bentley, Charles S., Corry, Pa. Crib.	844,233	Feb. 12	2730	582	126	2510
Bentley, John H. (See Gregory, William, assignor.)						
Bentley, John W., et al. (See Harrington, Frank S., assignor.)						
Bentley, Samuel, Warrnambool, Victoria, Australia. Apparatus for controlling elevator-doors.	845,690	Feb. 26	5879	1241	126	3367
Bentley, William F., Baltimore, Md. Means for raising the boxes of railway-cars.	867,550	Oct. 1	490	140-1	130	1465
Bentley, William F., Baltimore, Md., and E. B. Miller, Keyser, W. Va., assignors to said Bentley. Device for raising the boxes of railway-cars.	867,549	Oct. 1	488	140	130	1464
Benton, Abba, assignor to Benton Manufacturing Company, Monticello, Ga. Fertilizer or seed distributor.	861,631	July 30	5148	1413	129	1819
Benton, Andrew J., Washington, D. C., assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Gear-adjusting mechanism.	857,783	June 25	4554	963	128	2949
Benton, Andrew J., Washington, D. C., assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Composing mechanism for type-machines.	863,965	Aug. 20	2910	802	129	3054
Benton, Francis E., Stoughton, Mass. Hinged last.	846,720	Mar. 12	2004	441	127	539
Benton, George E., East Hampton, N. Y. Shears.	871,980	Nov. 26	3867	935	131	1020
Benton, James, East Palestine, Ohio. Ventilator for buildings.	869,687	Oct. 29	3920	1073	130	2614
Benton, Josiah S. (See Shaffer and Benton.)						
Benton, Linn B., New Brighton, N. Y. Automatic type-casting machine.	851,855	Apr. 30	6329	1321	127	3339
Benton Manufacturing Company. (See Benton, Abba, assignor.)						
Benton, William A., Fort Worth, Tex. Mold for making concrete blocks and artificial stone.	856,213	June 11	1473	311	128	2100
Bentz, Adam, Pomeroy, Ohio. Plunger for pumps.	858,850	July 2	856	223	129	295
Bentz, Harry, Larchmont, N. Y. Moistening air.	848,340	Mar. 26	5271	1149	127	1418
Bentz, Harry, Larchmont, N. Y. Apparatus for moistening air.	848,341	Mar. 26	5273	1149-50	127	1418
Bentz, William T., and M. F. Capron, Elyria, Ohio. Type-cleaning device.	848,151	Mar. 26	4892	1068	127	1322
Benziger Brothers. (See Van Guelpen, Otto H., assignor.)						
Benzing Bros. (See Nehr, Herman F., assignor.)						
Benler, Henry S., Allegheny, Pa. Telephone-receiver holder.	858,944	July 2	987	257	129	339
Berardini, Michael, New York, N. Y. Check, draft, and similar instrument.	845,923	Mar. 5	413	84	127	107
Berberich, Franz J. H. M., Kiel, Germany. Apparatus for mechanically mixing or combining liquids, &c.	851,153	Apr. 23	4884	1027	127	2044
Berecky, Michael, assignor of one-half to J. Bauman, New York, N. Y. Stuffing-box.	840,291	Jan. 1	1005	220	126	270
Berenberg, David, St. Joseph, Mo. Measuring apparatus.	865,350	Sept. 10	920	264	130	307
Berendes, Rudolph, and F. Herwig, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Oxyalkyl derivative of the xanthin bases.	874,825	Dec. 24	5134		131	2094
Berendes, Rudolph, and J. Callsen, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Methylene citryl salicylic acid.	858,142	June 25	5314		128	3141
Berendes, Rudolph, and J. Callsen, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Salts of methylene citryl salicylic acid.	858,143	June 25	5315		128	3141
Berendes, Rudolph, and J. Callsen, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Methylene citryl oxytoluic acid.	874,824	Dec. 24	5133		131	2094
Berendes, Rudolph, and J. Callsen, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Succinyl-dioxytoluic acid.	874,928	Dec. 31	5381		131	2153
Berendes, Rudolph, and J. Callsen, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Succinyl-disalicylic acid.	874,929	Dec. 31	5382		131	2153
Berens, Frank C., Washington, D. C. Lockable badge for personal wear.	848,956	Apr. 2	698	140	127	1765
Berens, Stanislaus, La Grange, assignor of one-half to A. N. Gatzert, Chicago, Ill. Thermomechanical flash-light apparatus.	859,899	July 9	2432	661-2	129	837
Beres, George, Cleveland, Ohio. Adjustable shade or curtain fixture.	840,743	Jan. 8	1924	423	126	535
Berg, Albert, assignor of one-half to A. D. Miller, Mount Pleasant, Pa. Car-coupling.	846,898	Mar. 12	2385	524	127	636
Berg, Anton, Anderson, Ind. Rotary drier.	840,602	Jan. 8	1653	363	126	467
Berg, Arne H., Clarkfield, Minn. Telephone attachment.	859,909	July 16	2453	668	129	877
Berg, Carl I., Rushford, Minn. Display-table.	853,215	May 14	1716	356	128	466
Berg, Charles, New York, N. Y. Steering mechanism.	851,394	Apr. 23	5383	1129	127	3068
Berg, Emil. (See Berg, Estella, assignor.)						
Berg, Ernst J., Schenectady, N. Y., assignor to General Electric Company. Alternating-current motor.	847,153	Mar. 12	2852	629	127	751
Berg, Ernst J., Schenectady, N. Y., assignor to General Electric Company. Lightning-arrester.	863,773	Aug. 20	2616	724	129	2963
Berg, Ernst J., Schenectady, N. Y., assignor to General Electric Company. Parallel-connected generators.	863,774	Aug. 20	2617	724	129	2963
Berg, Estella, assignor of one-half to E. Berg, Cleveland, Ohio. Educational game.	848,282	Mar. 26	5154	1123	127	1389
Berg, Harold, Jacobsville, Mich. Boat-lashing device.	856,439	June 11	1988	410	128	2232
Berg, Henry. (See Hitt, Adrian, assignor.)						
Berg, Henry, Orange, N. J. Soldering-iron.	850,897	Apr. 23	4410	922	127	2826
Berg, Herman, New York, N. Y., and E. Sollmann, Hoboken, N. J., assignors to Geo. Borgfeldt & Co., New York, N. Y. Cellular paper novelty.	859,280	July 9	1489	398	129	534

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Ierson, Ind. Measuring-machine	842,167	Jan. 29	4788	1022	126	1368
A., Hamburg, Germany. Machine for depositing liquid confectionery	874,560	Dec. 24	4631	972-3	131	2007
O., Kansas City, Mo. Barrel-rinser	867,568	Oct. 8	527	150-1	130	1493
assignor to Firm of J. A. Wülfing, Berlin, Germany. Hexamethylene acetate double salt.	852,993	May 7	1283		128	326
and F. Meyer, Berlin, Germany. Obtaining solutions of bacterial poisons.	842,612	Jan. 29	5752		126	1616
ck. (See Pascoe and Bergen.)						
L., Brooklyn, N. Y. Pants-protector	800,187	July 16	2875	785	129	1015
rdinand, Philadelphia, Pa., assignor to W. B. Schofield, Merchantville, atic controlling device for gas-stoves and the like.	862,047	July 30	5757	1599-1600	129	2002
es, assignor to C. T. Ham Manufacturing Company, Rochester, N. Y.	852,759	May 7	770	152	128	201
es, assignor to C. T. Ham Manufacturing Company, Rochester, N. Y.						
isher.	860,277	July 16	3008	823	129	1059
n J., Pittsburg, Pa. Pneumatic cleaning device.	869,542	Oct. 29	3676	1008	130	2540
Belget, Milton J., Milwaukee, Wis. Door-lock.	856,214	June 11	1474	311	128	2100
Berger, George A., Jr., Fremont, Ohio. Fruit-picker	848,876	Apr. 2	567	113	127	1734
Berger, John L., assignor of one-fourth to G. Anderson, Denver, Colo. Hot-air furnace.	853,153	May 7	1503	325	128	395
Berger, Joseph, South Columbus, assignor to C. M. Henley, Columbus, Ohio. Metallic railway-tie.	847,154	Mar. 12	2854	629	127	752
Berger, Louis, New York, N. Y. Umbrella-rod.	845,742	Mar. 5	13	3	127	6
Berger Manufacturing Company. (See Caldwell, William L., assignor.)						
Berger Manufacturing Company. (See Schlaflý, Julius H., assignor.)						
Berggren, Gertrude, Chicago, Ill. Corset.	865,156	Sept. 3	595	167	130	180
Bergh, Christian C., St. Paul, Minn. Rake attachment.	860,516	July 16	3367	925	129	1177
Bergh, Louis D., Newport, R. I. Vehicle-wheel.	852,254	Apr. 30	7130	1493	127	3541
Bergin, Patrick H. (See Painter, William A., assignor.)						
Berglund, George C., Cloquet, Minn. Gymnasium apparatus.	860,517	July 16	3367	925	129	1177
Bergman, Amos C., New York, N. Y. Pedal attachment for pianos.	844,913	Feb. 19	4364	932	126	2948
Bergman, August, Bellevue, Ohio. Furnace.	843,924	Feb. 12	2142	458	126	2364
Bergman, Erick P., Concordia, Kans. Windmill.	849,191	Apr. 2	1169	236	127	1888
Bergman, Erick P., Concordia, Kans. Windmill.	849,192	Apr. 2	1170	236	127	1888
Bergman, Erick P., assignor of one-half to J. Lapo, Concordia, Kans. Combined tie and rail-fastener.	840,988	Jan. 8	2394	524	126	652
Bergman, Sven R. (See Allen and Bergman.)						
Bergman, Sven R., Lynn, Mass., assignor to General Electric Company. Automatic device for induction-motors.	850,205	Apr. 16	3064	642	127	2439
Bergman, Sven R., Lynn, Mass., assignor to General Electric Company. Magnetic wedge.	872,324	Dec. 3	9	2	131	1170
Bergmann, Bernard, Detroit, Mich. Flush-valve.	847,723	Mar. 19	4031	881	127	1077
Bergmann, Bertha, Goliad, Tex. Cotton-boll-weevil destroyer.	847,887	Mar. 19	4381	958-9	127	1160
Bergmann, Charles, Pittsburg, assignor of three-fourths to E. Barry, Johnstown, M. H. Dennehy and M. Dwyer, Pittsburg, Pa. Self-closing faucet.	851,487	Apr. 23	5558	1165	127	3110
Bergmann, Christian N., Allegheny, Pa. Switch.	875,406	Dec. 31	6326	1319	131	2306
Bergmann, Eugen, Ohlau, Germany. Producing dicalcium phosphate.	852,371	Apr. 30	7346		127	3593
Bergmann, Eugen, Ohlau, Germany. Producing dicalcium phosphate.	852,372	Apr. 30	7347		127	3593
Bergmann, Leo, Newark, N. J. Punching-bag platform.	854,264	May 21	3848	795	128	1055
Bergmans, Rudolf, Breslau, Germany. Transforming-nozzle for obtaining kinetic energy from flowing gases and doors.	868,397	Oct. 15	1864	522	130	1924
Berger, Carl, Sande, near Buerge, near Hamburg, Germany. Centrifugal milk-separator.	853,054	May 7	1395	291	128	355
Berger, Carl, Sande, near Buerge, near Hamburg, Germany. Milk-separator.	867,097	Sept. 24	3601	1021-2	130	1221
Bergquist, Claes W., Chicago. Fire-escape apparatus.	854,922	May 28	5142	1070	128	1413
Bergquist, John G., assignor to American Sintering Company, Chicago, Ill. Apparatus for sintering fine ore.	853,433	May 14	2137	446	128	580
Bergquist, John U., Manchester, N. H. Vamp-holder.	865,228	Sept. 3	712	202	130	215
Bergsten, Adolph L., Mount Union, Iowa. Fastener for doors.	855,498	June 4	112	22	128	1722
Bergstraesser, Otto, Dresden, Germany. Apparatus for loosening and spreading out cut tobacco.	863,015	Aug. 13	1474	402	129	2573
Bergstrom, Carl. (See Carlson and Bergstrom.)						
Bergström, Charles, Tammerfors, Russia. Automatic leak-indicator for ships.	875,040	Dec. 31	5617	1172	131	2190
Bergstrom, Hilmer. (See Stebbins and Bergstrom.)						
Bergstrom, John, and C. A. Wahleen, Washburn, Wis. Pump.	856,215	June 11	1475	312	128	2100
Bergvall, Jakob L., Newport News, Va. Portable house.	859,727	July 9	2173	587-8	129	756
Bering, Wilson M., and R. L. Ford, assignors to Chambers Bering Quinlan Company, Decatur, Ill. Corn-planter.	873,708	Dec. 17	2854	607-8	131	1695
Berk, Joseph, San Francisco, Cal. Hose-coupling.	847,042	Mar. 12	2657	585	127	704
Berkemeir, Martin H. (See Schultz and Berkemeir.)						
Berkheiser, William H., assignor to Memphis Column Company, Memphis, Tenn. Turning-machine.	875,495	Dec. 31	6490	1355	131	2334
Berkley, Henry J., assignor of one-half to C. F. Corning, Baltimore, Md. Nut-lock.	875,141	Dec. 31	5807	1212	131	2222
Berkner, Adolph W., Cayuga, N. D. Elevator-bucket.	873,655	Dec. 10	2741	581	131	1644
Berkshire Hills Paper Co. (See Ramage and Shaw, assignors.)						
Berlien, John, St. Louis, Mo. Rail-brace.	846,181	Mar. 5	934	197	127	237
Berlin Machine Works. (See Ross, Harry B., assignor.)						
Berliner, Stickmaschinenfabrik Schirmer, Blau & Co., Firm of. (See Schroeder, Johann, assignor.)						
Berlowitz, Samuel, et al. (See Rautbord, Zebulon, assignor.)						
Berman, Aaron, assignor to S. Elgart and D. Berman, New York, N. Y. Garment.	851,488	Apr. 23	5559	1165-6	127	3110
Berman, Dina, et al. (See Berman, Aaron, assignor.)						
Bermes, John, assignor of one-fourth to D. Crossley, Union, N. J. Propeller.	854,685	May 21	4622	963	128	1248
Bern, Axel, Wahoo, Nebr. End-gate for vehicles.	860,437	July 16	3258	891	129	1140
Bern, Edward A., Chicago, Ill. Cap for sheet-piling. (Reissue.)	12,718	Nov. 12	1963	538	131	663
Bernard, Harry, Fort Sheridan, assignor of one-half to T. W. Thorne, Chicago, Ill. Piccolo or other musical instrument.	845,998	Mar. 5	568	119-20	127	146
Bernard, Philip, Jefferson, S. D. Hog-waterer.	843,925	Feb. 12	2145	458	126	2365
Bernard, Philip, Jefferson, S. D. Chicken-waterer.	846,388	Mar. 5	1328	292	127	335
Bernard, William, Fredericksburg, Va. Open-air brick-drier.	860,120	July 16	2775	757	129	981
Bernard, William A., assignor to William Schollhorn Company, New Haven, Conn. Pliers, punch, and similar tool.	848,877	Apr. 2	569	113	127	1735
Bernard, William A., assignor to William Schollhorn Company, New Haven, Conn. Punch, pliers, &c.	851,794	Apr. 30	6193	1293	127	3302
Bernard, William A., assignor to William Schollhorn Company, New Haven, Conn. Nippers and similar tool.	866,253	Sept. 17	2320	647-8	130	786
Bernard, William A., assignor to William Schollhorn Company, New Haven, Conn. Revolving eyeletting-tool.	869,874	Nov. 5	6	2	131	4

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			Spec.			
Bernegau, Carl M., assignor to Keuffel & Esser Company, Hoboken, N. J. Compasses and similar instrument.	844,772	Feb. 19	4103			
Bernel, Lucien H., otherwise known as Bernel Bourette, Paris, France. Apparatus for ascertaining the probability of frost.	871,562	Nov. 19	2993			
Berner, William C., El Reno, Okla. Device for propelling vehicles.	872,638	Dec. 3	672			
Bernet, John, Chicago, Ill. Key-operated locking-switch.	841,844	Jan. 22	4133			
Bernhard, Jacob. (See Rogers, Ulysses G., assignor.)						
Bernhardt, August E., Guelph, Ontario, Canada. Carriage-curtain fastener.	857,018	June 18	3067			
Bernhardt, Friedrich, Leisnig, Germany. Washing and rinsing machine for fibrous materials.	862,233	Aug. 6	201			
Bernhardt, George, Elmhurst, Ill. Scouring-table.	858,945	July 2	988			
Bernier, John B., assignor of one-half to F. H. Roche, Manville, R. I. Picker-stick check for looms.	855,873	June 4	836			
Berninghaus, Eugene, Cincinnati, Ohio. Head-rest for barber and other chairs.	848,001	Mar. 26	4658			
Bernitt, John C. (See Turner and Bernitt.)						
Berns, Hugo, Ohligs, Germany. Pocket-knife.	873,206	Dec. 10	1872			5
Bernstein, Alexander, Berlin, Germany. Making glue substitutes.	845,681	Feb. 26	5882		26	336
Bernstein, Lewis, Grafton, W. Va. Shirt.	845,999	Mar. 5	571	120	127	144
Bernstein, Lewis, Grafton, W. Va. Shirt.	866,183	Sept. 17	2226	621	130	756
Bernstein, Max. (See Fawcett, William N., assignor.)						
Berold, Frederick H., Jr., Cincinnati, Ohio. Paper receptacle.	846,899	Mar. 12	2388	524	127	637
Berrenberg, Reinold, and A. S. Drisko, Boston, Mass. Air-compressor.	852,817	May 7	907	186	128	231
Berresford, Arthur W., assignor to Cutler-Hammer Mfg. Co., Milwaukee, Wis. Insulating-coupling.	869,410	Oct. 29	3466	952	130	2476
Berry, Benjamin F., assignor to Berry Machine Company, St. Louis, Mo. Punching-machine.	863,346	Aug. 13	1993	536-7	129	2737
Berry, Benjamin W., assignor one-half to J. H. Perkins, Monticello, Fla. Running-gear for vehicles.	859,040	July 2	1134	303	129	386
Berry, Charles A., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Mortise night-latch.	842,442	Jan. 29	5399	1144	126	1530
Berry, Charles W., Portland, Me. Apparatus and process for filling rubber tires with viscous liquids.	840,469	Jan. 8	1372	305	126	398
Berry, Charles W., Portland, Me. Change-speed lever for automobiles.	866,254	Sept. 17	2321	648	130	786
Berry, Chester, assignor to L. Robbins, Worcester, Mass. Belt-shipping mechanism.	844,653	Feb. 19	3846	815	126	2817
Berry, James M., Detroit, Mich. Curtain-roller cap.	853,622	May 14	2531	524	128	683
Berry, John H., Mansfield, Ohio. Valve.	866,906	Sept. 24	3296	930	130	1128
Berry, John J. (See Summers and Berry.)						
Berry Machine Company. (See Berry, Benjamin F., assignor.)						
Berry, Mark H., New York, N. Y. Combination check-book.	848,429	Mar. 26	5447	1187	127	1461
Berry, Mark H., New York, N. Y. Removable cover.	868,067	Oct. 15	1351	378	130	1768
Berry, Mary D., New Milford, Conn. Tree.	849,363	Apr. 9	1490	302	127	2002
Berry, Milton H., Evanston, assignor to Berry Ventilator Company, Chicago, Ill. Window-ventilator.	846,721	Mar. 12	2005	441-2	127	539
Berry, Milton H., Evanston, assignor to Berry Ventilator Company, Chicago, Ill. Window-ventilator.	846,722	Mar. 12	2008	442	127	539
Berry, Olin, Galesburg, Ill. Heel-retainer for overshoes.	866,907	Sept. 24	3298	930	130	1128
Berry, Robert L. (See Dugger, George A., assignor.)						
Berry Ventilator Company. (See Berry, Milton H., assignor.)						
Berry, Washington, Chicago, Ill. Method and apparatus for placing inserts in cakes of soap.	865,074	Sept.	490	135-6	130	149
Berry, William D., New Brighton, Pa. Bosh-plate.	840,195	Jan.	817	179	126	218
Berry, William D., Louisville, Ky. Catamenial appliance.	857,019	July	3068	648	125	2541
Berry, William H., Chester, Pa. Feed-water heater and purifier.	869,875	Nov.	6	2	131	4
Berry, William T., Maysville, Ky. Calendar.	869,411	Oct.	3468	952	130	2477
Berry-Wood Piano Player Co. (See Wood, Frederick W., assignor.)						
Berryman, John B., assignor to Crane Company, Chicago, Ill. Steam-separator.	868,156	Oct. 15	1465	412	130	1804
Berryman, John B., and J. E. Rollins, assignors to Crane Company, Chicago, Ill. Oil-separator.	861,494	July 30	4937	1356	129	1750
Berst, Charles, Cincinnati, Ohio, assignor to Gamewell Fire Alarm Telegraph Company, New York, N. Y. Storage battery.	863,347	Aug. 13	1995	537	129	2738
Bertele, Alexander L. (See Wellhouse, George F., assignor.)						
Bertels, Charles E., assignor to Wyoming Valley Trust Company, trustee, Wilkes-Barre, Pa. Cover-fastener for cans. (Reissue.)	12,629	Apr. 9	2898	605	127	2356
Berthier, André V. P. M., Constantinople, Turkey. Rail with triple head.	871,563	Nov. 19	2994	746	131	855
Berthold, Daniel J., Braddock, Pa. Mail-crane.	867,785	Oct. 8	844	241	130	1593
Berthold, Richard E., assignor of one-half to W. F. Holcombe, New York, N. Y. Self-igniter.	859,728	July 9	2174	588	129	756
Berthold, Richard E., assignor of one-half to W. F. Holcombe, New York, N. Y. Self-igniter.	865,755	Sept. 10	1561	440	130	509
Bertin, Isaac, New York, N. Y. Paper dish.	846,975	Mar. 12	2528	557	127	673
Bertram, Henry, assignor to J. Bertram & Sons Company, Ltd., Dundas, Ontario, Canada. Lathe.	862,437	Aug. 6	557	149	129	2263
Bertram, John F., St. Louis, Mo. Churn-dasher.	841,661	Jan. 22	3742	813	126	1074
Bertram, Lawrence A., Allegheny, Pa. Blow-off valve.	870,487	Nov. 5	966	265	131	313
Bertram and Son, James. (See Happer, James R., assignor.)						
Bertram, Wilhelm. (See Schmidt and Bertram.)						
Bertram, William A., Brimley, Mich. Sleigh attachment.	871,907	Nov. 26	3682	898	131	996
Bertschmann, Albert, assignor to Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Yellow sulfon dye of the quinophthalone series and making same.	852,158	Apr. 30	6957		127	3496
Berwick, Frederick C., New York, N. Y. Nautical signal.	849,964	Apr. 9	2611	543	127	2288
Berwick, Frederick C., New York, N. Y. Nautical signal.	852,594	May 7	448	83	128	119
Berwick, John W. R., New York, N. Y. Music-case.	864,066	Aug. 20	3051	843-4	129	3097
Bery, Henry J. (See Bryant and Bery.)						
Besenbruch, Ernst, Hirschfelde, Germany. Self-extinguishing burner.	872,105	Nov. 26	4140	990	131	1061
Beskow, Bernhard. (See Goodspeed and Beskow.)						
Beskow, Bernhard, San Francisco, Cal. Tractor.	851,055	Apr. 23	4689	985-6	127	2895
Beskow, Bernhard, New York, N. Y. Traction-varying device.	873,709	Dec. 17	2859	608	131	1695
Bess, Albert Hamilton, Ohio. Mangle.	844,773	Feb. 19	4104	875	126	2884
Besse, Allen. (See Hogan, Thomas, assignor.)						
Besse, Irvin, Newburyport, Mass. Measuring-rule.	868,905	Oct. 22	2674	739	130	2202
Bessel, Charles E., Jersey City, N. J. Cigar-lighter.	851,218	Apr. 23	5027	1058	127	2977
Bessel, Charles E., Jersey City, and C. D. Meeker, East Orange, N. J. Cigar-lighter and advertising device.	866,566	Sept. 17	2768	774	130	927
Besser, Herman, Alpena, Mich. Mold.	844,232	Feb. 12	2731	583	126	2510
Besser, Herman, Alpena, Mich. Molding-machine.	844,235	Feb. 12	2733	583	126	2511
Besser, Herman, Alpena, Mich. Mold.	844,236	Feb. 12	2736	584	126	2511

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Besser, Herman, Alpena, Mich. Molding-machine.....	844,237	Feb. 12	2738	584	126	2512
Bessier, Vetal, New York, N. Y. Phonograph attachment.....	870,612	Nov. 12	1161	316	131	410
Besson, André, Paris, France, assignor to Treuherz & Fuss, Berlin, Germany. Hook and eye.....	844,089	Feb. 12	2433	521	126	2433
Besson, Jules A., Caen, France. Purifying and concentrating sugar-juices.....	846,543	Mar. 12	1660	.....	127	452
Best, Albert E. (See Ackroyd and Best.)						
Best Ammunition Company. (See Bailey, Charles A., assignor.)						
Best, E., <i>et al.</i> (See Best, Edward H., assignor.)						
Best, Edward H., St. Thomas, Ontario, assignor of three-fourths to R. M. C. Toothe and E. Best, London, Canada. Car-replacer.....	849,313	Apr. 2	1385	279	127	1940
Best, Ezra, <i>et al.</i> (See Best, William N., assignor.)						
Best, George H., Hampton, New Brunswick, Canada. Set-ring.....	857,862	June 25	4710	999	128	2987
Best, Jacob H. (See Beaghan, Reid, and Best.)						
Best, James L., Bremerton, Wash. Sash-operating mechanism.....	860,518	July 16	3368	925-6	129	1177
Best, John H., <i>et al.</i> (See Best, William N., assignor.)						
Best, Otto, C. S. Ash, and E. Samson, San Francisco, Cal. Baking-powder and making the same.....	856,672	June 11	2438	.....	128	2346
Best, Otto, C. S. Ash, and E. Samson, San Francisco, Cal. Baking-powder and making the same.....	856,673	June 11	2439	.....	128	2346
Best, Robert O. (See Ackroyd and Best.)						
Best, Thomas C., Chicago, Ill. Bracket.....	844,494	Feb. 19	3286	708	126	2687
Best, Thomas C., Chicago, Ill. Boiler-hanger.....	854,143	May 21	3618	748	128	992
Best, William. (See Ackroyd and Best.)						
Best, William N., Los Angeles, Cal., assignor to J. H. and E. Best, Quincy, Ill. Furnace.....	843,254	Feb. 5	861	175	126	2013
Best, William N., Los Angeles, Cal., assignor to J. H. and E. Best, Quincy, Ill. Air-carbureting oil-burner.....	856,674	June 11	2441	501	128	2346
Best, William N., Los Angeles, Cal., assignor to J. H. and E. Best, Quincy, Ill. Air-carbureting oil-burner.....	871,751	Nov. 19	3327	820	131	912
Best, William N., Los Angeles, Cal., assignor to J. H. and E. Best, Quincy, Ill. Furnace for heating and welding.....	874,561	Dec. 24	4632	973	131	2007
Best, William N., New York, N. Y., assignor of two-thirds to J. H. and E. Best, Quincy, Ill. Combustion-chamber for gas or oil stoves.....	865,992	Sept. 17	1939	542	130	667
Bestgen, August G., Tipton, Mo. Attachment for harvesters.....	852,053	Apr. 30	6767	1408	127	3449
Bestmann & Co. Maschinenfabrik zu Neumünster G. M. B. H. in Neumünster. (See Köster, Gustav, assignor.)						
Bestul, Severin O., Iola, Wis. Thermo-electric annunciator.....	847,310	Mar. 19	3171	697	127	859
Bethene, Frank. (See Griffin, Seaborn R., assignor.)						
Bethlehem Steel Company. (See Meigs and Gathmann, assignors.)						
Bethlehem Steel Company. (See Meigs, Jakobsson, and Brand, assignors.)						
Bethlehem Steel Company. (See Philp, Casimir von, assignor.)						
Bethlehem Steel Company. (See Stout and Hughes, assignors.)						
Bethune, Frank M., Homestead, Pa. Horseshoe.....	872,214	Nov. 26	4360	1039	131	1098
Bétis, Victor, West Ealing, England. Educational appliance.....	853,756	May 14	2811	577	128	756
Bettendorf Metal Wheel Company. (See Einfield, Emil, assignor.)						
Bettendorf, William P., Davenport, Iowa. Swing-motion truck.....	849,193	Apr. 2	1172	236-7	127	1888
Bettendorf, William P., Davenport, Iowa. Car-truck.....	849,194	Apr. 2	1175	237	127	1889
Bettoney, Harry. (See Wurlitzer, Eduard H., assignor.)						
Betts, Anson G., Troy, N. Y. Electrolytic apparatus.....	850,127	Apr. 16	2920	609-10	127	2403
Betts, Anson G., Troy, N. Y. Electrolytically refining metals.....	857,378	June 18	3758	796	128	2717
Betts, Charles L., assignor to R. E. Dietz Company, New York, N. Y. Vehicle-lamp.....	841,845	Jan. 22	4135	891	126	1178
Betts, Charles L., assignor to R. E. Dietz Company, New York, N. Y. Tubular lantern.....	864,404	Aug. 27	3567	991	129	3285
Betts, Charles L., assignor to R. E. Dietz Company, New York, N. Y. Lantern-tube.....	871,317	Nov. 19	2454	635	131	773
Betts, Joseph, Winterset, Iowa. Gate latch and holder.....	854,193	May 21	3720	770	128	1022
Betts, Lewis F., New York, assignor of one-half to H. B. Gilmore and J. A. Kennedy, Brooklyn, N. Y. Sheet-metal receptacle.....	855,925	June 4	943	195	128	1931
Betz, Eugene, Chicago, Ill., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Printing or registering beam for weighing-scales.....	859,729	July 9	2175	588	129	756
Betz, Eugene, Chicago, Ill., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Poise for railway and other scales.....	859,730	July 9	2177	589	129	757
Betz, Frank S. (See Hollister, Bertram K., assignor.)						
Betz, Frank S. (See Kelly, Michael, assignor.)						
Betz, Frederick M., Hamilton, Ohio. Flexible pipe-joint.....	859,426	July 9	1723	458	129	612
Betz, William G., <i>et al.</i> (See Wells, Ralph N., assignor.)						
Betz, William G., Newcastle, Ind. Piano.....	867,002	Sept. 24	3447	976	130	1177
Beugler, Edwin F., assignor to E. B. Holmes, Buffalo, N. Y. Barrel-hoop-nailing machine.....	857,515	June 18	4019	856	128	2782
Beum, Stephen D., Columbus, Ohio. Farm-gate.....	848,222	Mar. 26	5016	1096	127	1354
Bevan, Alexander, Providence, R. I. Block-signal apparatus.....	875,313	Dec. 31	6130	1279-80	131	2275
Bevan, Joseph, Newark, N. J. Saddle-tree.....	858,055	June 25	5143	1088	128	3097
Bevan, Samuel L. (See Bowne, John D., assignor.)						
Bevans, William H., Bridgeport, Conn. Electric and percussion firing mechanism.....	855,427	May 28	6110	1277	128	1655
Bevans, William H., Bridgeport, Conn., and C. W. Bartholmes, Ilion, N. Y., assignors to American and British Manufacturing Company, and American Machine & Ordnance Company, New York, N. Y. Automatic gun.....	851,196	Apr. 23	4970	1042-3	127	2964
Bever, Robert C., Worcester, Mass. Pneumatic knee-boot for horses.....	850,128	Apr. 16	2923	610	127	2403
Beverage, Edward C., Monterey, Va. Nut-lock.....	873,831	Dec. 17	3124	665	131	1736
Bevier, Hutchinson, and J. J. Durage, Duluth, Minn. Explosive power-generator.....	850,992	Apr. 23	4566	956	127	2864
Bevin Brothers Manufacturing Company. (See Arnold, Philip C., assignor.)						
Bevin Brothers Manufacturing Company. (See Scranton, Frederick A., assignor.)						
Bevington, James H., Cleveland, assignor to Crescent Appliance Co., Berea, Ohio. Repeating torpedo-cane.....	840,425	Jan. 1	1285	283	126	337
Bewley, William D., <i>et al.</i> (See Reese, Henry D., assignor.)						
Bexell, John A., Logan, Utah. Temporary binder.....	842,751	Jan. 29	6075	1280-1	126	1694
Bexell, John A., Logan, Utah. Transparent-faced filing-card.....	868,758	Oct. 22	2452	678-9	130	2134
Bexell, John A., Logan, Utah. Filing system.....	868,835	Oct. 22	2576	710-11	130	2171
Bey, Muhitdin, Constantinople, Turkey. Rotary engine.....	858,144	June 25	5316	1129-30	128	3141
Beydler, Omer A., Rossville, Ind. Engine-lubricator.....	853,757	May 14	2813	578	128	756
Beyea, Lewis, Baldwin Place, N. Y. Treating cider.....	862,960	Aug. 13	1392	379	129	2546
Beyer, George, New London, Wis. Clutch-pulley.....	849,718	Apr. 9	2163	445	127	2173
Beyer, Otto S., East Rutherford, assignor to T. H. Peniston, Orange, N. J. Bottle-capping machine.....	850,288	Apr. 16	3206	668-9	127	2478
Beyer, Otto S., East Rutherford, N. J., assignor to E. W. Bliss Company. Drop-hammer.....	860,784	July 23	3801	1042	129	1350
Beyer, Otto S., East Rutherford, N. J., assignor to E. W. Bliss Company. Seaming-machine.....	871,855	Nov. 26	3565	872-4	131	978

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Beyer, Otto S., East Rutherford, N. J., assignor to E. W. Bliss Company. Seaming-machine	871,856	Nov. 26	3571	875-6	131	978
Beyer, Otto S., East Rutherford, N. J., assignor to E. W. Bliss Company. Seaming-machine	871,857	Nov. 26	3580	876-8	131	979
Beyland, Sidney A., assignor to Dean Electric Company, Elyria, Ohio. Electrical condenser	859,731	July 9	2178	589	129	757
Beyle, Ferdinand, Colorado City, Colo. Bridle-strangler	841,923	Jan. 22	4284	924	126	1211
Beymer, Adelbert S., Kansas City, Mo. Furrow-opener for seed-planters	842,066	Jan. 22	4558	979	126	1275
Beynon, George W., Mortimer, and G. H. Mackillop, Maidenhead; said Beynon assignor to G. R. Bonnard, London, England. Double-acting stamp	844,847	Feb. 19	4250	905-6	126	2921
Bezanger, Gilbert, Boston, Mass. Bed-bottom	852,255	Apr. 30	7131	1493	127	3541
Bianchi, Joseph, Jersey City, N. J. Apparatus for animated pictures	867,185	Sept. 24	3751	1059	130	1270
Bibb, Charles E., <i>et al.</i> (See Paulins, George E., assignor.)						
Bibber Manufacturing Company. (See Rumble, Charles A., assignor.)						
Bibby, Arthur, Rochester, assignor of one-half to C. Renner, Monaca, Pa. Umbrella	874,727	Dec. 24	4970	1044	131	2063
Biberfeld & Co., Firm of. (See Hambruch, Heinrich F., assignor.)						
Bible, Hunley, Sherman, Tex. Wood-column-turning lathe	865,673	Sept. 10	1429	405	130	467
Bickel, Harmon, Franklin, Pa. Pulling-machine	861,796	July 30	5411	1490-1	129	1896
Bickel, Henry F., Plainfield, N. J., assignor to New York Air Brake Company. Air-brake apparatus	853,673	May 14	2622	544	128	707
Bickel, Travis W., Alva, Okla. Ter. Thermometer attachment for incubators	863,500	Aug. 13	2213	597	129	2805
Bickel, Winfield S., Shryock, W. Va. Stovepipe-joint	856,839	June 11	2728	566	128	2419
Bickelhaupt, George. (See Anschütz, Paul, assignor.)						
Bickerton, Henry N., H. W. Bradley, Ashton-under-Lyne, and D. Clerk, Ewhurst, England. Explosion-engine	855,442	June 4	5	2	128	1696
Bickford, John D., Cleveland, Ohio. Building-mold	864,767	Sept. 3	3	1-2	130	3
Bicking, Frederick V., Phoenixville, Pa. Railway-tie	842,752	Jan. 29	6077	1281	126	1695
Bickle, Henry J., assignor of one-half to M. Wilson and M. McMillan, Gladstone, Manitoba, Canada. Scraper	866,615	Sept. 24	2849	803-4	130	985
Bickle, John H., and J. McAnally, Reading, Pa. Molding-truck	851,113	Apr. 23	4792	1007-8	127	2920
Bickmore Gall Cure Company. (See Richardson, George H., assignor.)						
Biddle, Oscar L. (See Deitch and Biddle.)						
Biddle, Wesley B. (See Hardcastle and Biddle.)						
Bideau, Maurice, Paris, France. Jointed-spindle axle	854,451	May 21	4196	869	128	1145
Bidelman, Robert M., Adrian, Mich. Gas-generator	870,537	Nov. 12	1044	285	131	368
Bidwell, Benson, Chicago, Ill. Car-motor	845,682	Feb. 26	5883	1241-2	126	3368
Bieber, Frederick S., Poughkeepsie, N. Y. Snap-hook	861,797	July 30	5414	1491	129	1896
Bieda, John F., London, England. Frame for muff-bags	860,626	July 23	3567	978	129	1276
Biederman, Jake. (See Gray, Gardner L., assignor.)						
Biehler, Bernard, assignor to J. L. Sommer, Newark, N. J. Can-opener	874,290	Dec. 17	4081	860	131	1887
Biehler, August F., Hoboken, N. J. Corking-machine attachment	863,501	Aug. 13	2213	597	129	2805
Bienfait, John, The Hague, Netherlands. Grapel for boring-tubes	865,756	Sept. 10	1563	440	130	509
Bier, Emil, London, England. Electrically welding the longitudinal joints in tubular objects	843,515	Feb. 5	1355	285	126	2131
Bierbaum, John H., Marthasville, Mo. Tree-protector	862,698	Aug. 6	991	265	129	2388
Bierd, Richard E., Seattle, Wash. Caster	842,753	Jan. 29	6079	1281	126	1695
Bierd, William G., Colon, Panama. Track-shifting machine	853,948	May 21	3230	662	128	897
Bierhoff, Hugo. (See Heaton, Charles, assignor.)						
Bierie, Frederick A., Philadelphia, Pa. Truck for conveying merchandise	842,754	Jan. 29	6079	1281	126	1695
Bierie, Frederick A., Philadelphia, Pa. Yielding boat-cleat	869,130	Oct. 22	3013	832	130	2307
Bierlein, John W., and L. Zeiser, Philadelphia, Pa. Combined paper-weight and pen-rack	862,699	Aug. 6	992	265	129	2388
Bierley, Henry A., Portsmouth, Ohio. Combined shade-roll bracket and curtain-pole support	842,067	Jan. 22	4560	979-80	126	1275
Bierley, Henry A., Portsmouth, Ind. Supporter for shade-rollers and the like	864,067	Aug. 20	3053	844	129	3097
Bierley, Henry A., Portsmouth, Ohio. Fountain-brush	865,351	Sept. 10	922	264	130	308
Bierline, Michael M., assignor of one-half to J. L. Willford, Minneapolis, Minn. Friction-pulley	863,691	Aug. 20	2492	688	129	2923
Bierwirth, Ernst A. G., Kansas City, Mo. Box	851,056	Apr. 23	4693	987	127	2896
Biffar, Fred. (See Reimers, Dyrcke H., assignor.)						
Bigelow, Claude, assignor to R. J. White, Chicago, Ill. Coin-operated vending-machine	856,019	June 4	1105	230	128	1974
Bigelow, Frank M., Aneta, N. D. Device for cleaning guns and other tubes	867,098	Sept. 24	3603	1022	130	1221
Bigelow, George E., assignor to Morgan Spring Co., Worcester, Mass. Spring-bed	849,195	Apr. 2	1178	238	127	1890
Bigelow, John, Minneapolis, Minn., assignor to Union Special Machine Company, Chicago, Ill. Filled-bag-sewing machine	875,314	Dec. 31	6135	1280-3	131	2276
Bigelow, Samuel L., Ann Arbor, Mich. Combined cigar and cigarette holder and ash-receiver	842,613	Jan. 29	5753	1215	126	1616
Bigelow, Theodore F., Amsterdam, N. Y. Folding umbrella	864,945	Sept. 3	283	76	130	91
Bigelow, Wesley, assignor of forty-nine one-hundredths to J. Hadcock, New York, N. Y. Ventilator	856,020	June 4	1109	231	128	1975
Bigelow, William S., Boston, Mass. Fastening for doors, blinds, shutters, &c.	853,860	May 14	3017	619	128	805
Bigenho, Christopher, Verona, Pa. Rail splice	847,227	Mar. 12	3008	663	127	790
Biggers, Lee P., Palmersville, Tenn. Paddle-wheel	853,055	May 7	1396	291	128	355
Biggert, Florence C., Jr. (See Gardner and Biggert.)						
Biggs, George F., St. Louis, Mo. Sample-trunk	841,764	Jan. 22	3958	854	126	1130
Biggs, George T. (See Smith, Joseph, assignor.)						
Biggs, Theodore J. (See Eason and Biggs.)						
Bigley, John, <i>et al.</i> (See Bowler, Giles, assignor.)						
Bigall & Kellier Mfg. Company. (See Shaw, William, assignor.)						
Bignell, George, <i>et al.</i> (See Clarke, Paul C., assignor.)						
Bigney and Company, S. O. (See Wallenthin, Walfrid, assignor.)						
Bigney, Sidney O. (See Hodges, Francis G., assignor.)						
Bigsby, Jesse W., and F. W. Barhoff, Hartford, Conn. Explosive-engine cylinder	851,977	Apr. 30	6578	1370	127	3401
Bigsby, Jesse W., and F. W. Barhoff, Hartford, Conn. Explosive-engine cylinder	851,978	Apr. 30	6579	1370	127	3401
Bihn, Sylvan F., Petaluma, Cal. Incubator	871,908	Nov. 26	3684	898-9	131	996
Bijur, Joseph, New York, N. Y., assignor to General Storage Battery Company. Electric regulator	841,106	Jan. 15	2672	584	126	768
Bijur, Joseph, New York, N. Y., assignor to General Storage Battery Company. Automatic end-cell switch	844,090	Feb. 12	2434	521	126	2433
Bijur, Joseph, New York, N. Y., assignor to General Storage Battery Company. Storage-battery plate	845,048	Feb. 26	4625	984	126	3053
Bijur, Joseph, New York, N. Y., assignor to General Storage Battery Company. Negative-pole plate	845,391	Feb. 26	5322	1129	126	3229
Bijur, Joseph, New York, N. Y., assignor to General Storage Battery Company. Battery-plate and making same	854,326	May 21	3951	817	128	1083
Bilbrey, William S., assignor of one-half to S. R. Aiken, West Point, Ga. Air-brake	869,543	Oct. 29	3678	1008	130	2540

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Bilger, Samuel, Silverdale, Pa. Portable piano-truck.	867,099	Sept. 24	3604	1022-3	130	1221
Bilhorn, Christian F., Chicago, Ill. Water-heater.	858,562	July 2	336	83	129	121
Bilhorn, Peter P., Chicago, Ill. Lock for portable organs.	868,248	Oct. 15	1608	456	130	1847
Bill, George E., and A. D. Redman, Sr., Harrisburg, Pa. Sectional incandescent lamp.	860,627	July 23	3568	979	129	1277
Billburg, Charles, Chicago, Ill. Sample-case.	868,068	Oct. 15	1352	378	130	1769
Bille, Andrew. (See Bille, Fred L. and A.)						
Bille, Fred L. and A., Spokane, Wash. Railway-switch	858,436	July 2	113	32	129	38
Billeter, Julius, Aschersleben, Germany. Electromagnetically-operated mechanism for reversing the motion of machine-tools.	863,966	Aug. 20	2911	802	129	3055
Billings, Edward E. (See Parker, John, assignor.)						
Billings, Edward E., assignor of one-eighth to J. Parker, Bay City, Mich. Poultry-brooder.	850,725	Apr. 16	4062	849	127	2697
Billings, Frederick G., Milwaukee, Wis. Piano-flange-attaching bar.	844,238	Feb. 12	2740	585	126	2513
Billings, George P., Bar Harbor, Me. Machine for finishing and smoothing floors.	873,207	Dec. 10	1872	392	131	1494
Billingsley, William, Quincy, Wash. Fastening device.	849,041	Apr. 2	854	175	127	1805
Billiter, Charles B., Hudson, Ohio. Bucket-cover.	859,041	July 2	1137	303	129	386
Billman, William A., Colorado Springs, Colo. Automatic card-feeding device.	849,655	Apr. 9	2057	421-2	127	2147
Billow, Elmer E., Chicago, Ill. Burner for gas-lamps.	852,538	May 7	321	58	128	89
Bills, Frank H., Springfield, Mass. Closure for bottles.	850,613	Apr. 16	3835	801	127	2640
Bills, John H., Laramie, Wyo., assignor to United States Tin, Solder & Iron Company, Denver, Colo. Apparatus for recovering tin and solder.	850,726	Apr. 16	4063	849	127	2698
Billstein, Albert K., Philadelphia, Pa. Lady's chemisette or shield.	861,427	July 30	4840	1328	129	1722
Billy, Charles, Paris, France. Apparatus for generating acetylene.	840,552	Jan. 8	1544	340	126	440
Bilyeu, Thomas, and D. Hirstel, Portland, Oreg. Collapsible pile case or former.	863,016	Aug. 13	1476	402	129	2574
Bim, Josef, assignor to Union Bank, Vienna, Austria-Hungary. Warp stop-motion for looms.	840,196	Jan. 1	818	180	126	219
Bim, Josef, assignor to Union Bank, Vienna, Austria-Hungary. Shuttle-box for looms.	848,002	Mar. 26	4661	1015	127	1264
Bim, Josef, assignor to Union Bank, Vienna, Austria-Hungary. Weft-replenishing mechanism for looms.	850,336	Apr. 16	3305	687-9	127	2507
Binder, Peter, Winnipeg, Manitoba, Canada. Sight-feed lubricator.	864,355	Aug. 27	3501	973	129	3265
Binder, Rudolph. (See Bennett and Binder.)						
Bindner, Alfred C., assignor, by mesne assignments, of one-half to W. L. Schafer, St. Louis, Mo. Safety key-ring snap.	845,743	Mar. 5	14	3	127	6
Bindschedler, Theodore S., Peru, assignor to Western Clock Manufacturing Company, La Salle, Ill. Watch-barrel.	867,870	Oct. 8	994	282	130	1636
Bingaman, Josephus, Garnett, Kans. Pruning implement.	845,027	Feb. 19	4580	975	126	3003
Bingaman, Josephus, Garnett, Kans. Plow attachment.	875,407	Dec. 31	6327	1319	131	2307
Bingham, Jeremiah, assignor to Toledo Machine and Tool Company, Toledo, Ohio. Duplex edge-folding and seam-closing machine.	850,614	Apr. 16	3836	801-2	127	2640
Bingham, Jeremiah, assignor to Toledo Machine and Tool Company, Toledo, Ohio. Riveting-machine.	850,615	Apr. 16	3839	802	127	2641
Bingham, Samuel, Rochester, N. Y. Valve for sterilizers.	871,666	Nov. 19	3167	785	131	885
Bingman, John C. (See Breakeyridge, Nelson, assignor.)						
Binkey, J. A. (See Wright, Charles, assignor.)						
Binks, Joseph, Chicago, Ill. Apparatus for applying liquids to surfaces.	860,078	July 16	2727	743	129	966
Binks, Joseph, Chicago, Ill. Method of and apparatus for treating wood with paraffin.	860,079	July 16	2728	743-4	129	967
Binney, Charles R., and J. L. Watkins, London, England. Driving-gear for motor-vehicles.	866,908	Sept. 24	3299	930-1	130	1129
Binney, Harold, New York, N. Y. Change-making machine.	844,654	Feb. 19	3848	815-17	126	2818
Binney, Harold, New York, N. Y., assignor to Nealon Company. Hose-supporter clasp.	853,758	May 14	2814	578	128	756
Binney, Harold, New York, N. Y., assignor to Nealon Company. Hose-supporter clasp.	875,142	Dec. 31	5808	1212	131	2222
Binney, Harold, assignor to Aeolian Company, New York, N. Y. Tracker-board for legato and other effects in pneumatic musical apparatus.	873,981	Dec. 17	3406	726	131	1785
Binnig, Jacob, Boston, assignor of one-half to Mason & Hamlin Company, Cambridge, Mass. Organ key-action.	850,413	Apr. 16	3447	723	127	2543
Binnig, Jacob, Boston, assignor of one-half to Mason & Hamlin Company, Cambridge, Mass. Valve device.	850,812	Apr. 16	4217	886	127	2736
Binnig, Jacob, Boston, assignor of one-half to Mason & Hamlin Company, Cambridge, Mass. Pneumatic action for wind instruments.	853,949	May 21	3232	663	128	897
Binnig, Jacob, Boston, assignor one-half to Mason & Hamlin Company, Cambridge, Mass. Tracker-board.	858,782	July 2	723	190	129	250
Binns, Edward H., Upper Merion township, Montgomery county, Pa. Roofing material.	845,290	Feb. 26	5123	1085	126	3182
Binns, William H. (See Pagendarm, John F., assignor.)						
Biondi, Angelo F., New York, N. Y. Illusion device.	847,724	Mar. 19	4032	881-2	127	1077
Biondi, Angelo F., New York, N. Y. Illusion apparatus.	847,725	Mar. 19	4034	882	127	1078
Birch, James H. (See Davis and Birch.)						
Birch, John, Dayton, Ohio. Wave-motor.	860,519	July 16	3370	926	129	1178
Birch, John H. (See Birch, John H. and J. H.)						
Birch, John H. and J. H., Crawfordsville, Ind. Gas-engine.	855,223	May 28	5748	1197	128	1564
Birch, John H. and J. H., Crawfordsville, Ind. Suspended drill-press.	857,020	June 18	3069	649	128	2542
Birch, John H., and J. S. Foley, West Bromwich, near Birmingham, England. Ribbon-feed mechanism for type-writing machines.	859,732	July 9	2179	589-90	129	758
Birch, Phillip, Pittsburg, Pa. Miner's lamp.	869,049	Oct. 22	2900	800	130	2273
Birch, William, Lower Broughton, England. Apparatus for opening and stretching fabrics.	844,316	Feb. 19	2934	625	126	2599
Bird, Benjamin F., Kingston, N. Y. Combination-tool.	854,979	May 28	5240	1091	128	1437
Bird, Charles S. (See Penney, William L., assignor.)						
Bird, Charles S., trustee. (See Shaw, William E., assignor.)						
Bird, Frederick A., Erdington, near Birmingham, England. Stopper or closure for bottles and jars.	856,840	June 11	2729	566	128	2419
Bird, Frederick C. (See Park, Richard P., assignor.)						
Bird, John C., assignor to Union Steam Pump Company, Battle Creek, Mich. Valve-gear.	857,579	June 25	4159	881-2	128	2847
Bird, John W., Chicago, Ill. Manufacturing pots, vases, &c.	858,499	July 2	242	59	129	88
Bird, Maurice, Sugar Land, Tex. Extracting cotton-seed oil.	853,759	May 14	2816	.....	128	757
Bird, Orley A., Centerburg, Ohio. Railway-switch.	851,913	Apr. 30	6439	1344	127	3367
Bird, Reginald W., Boston, Mass., assignor to Flintkote Manufacturing Company, Ruthersford, N. J. Laying roofing.	840,103	Jan. 1	620	134	126	164
Bird & Son, F. W. (See Wyman, George R., assignor.)						
Birdsall, Charles A., Holden, Mo. Nail.	847,888	Mar. 19	4383	959	127	1161
Birdsall, Claude H. (See Johnson, Jay M., assignor.)						
Birdsall, John A., Bethel, Conn. Emergency-brake.	850,414	Apr. 16	3449	723	127	2543
Birkigt, Marcos, Barcelona, Spain. Construction of automobile vehicles.	863,348	Aug. 13	1995	537-8	129	2738
Birmingham Iron Foundry. (See Schofield, Richard, assignor.)						
Birmingham, John D., Wilkes-Barre, Pa. Invalid-bed.	869,344	Oct. 29	3363	926	130	2443
Birmingham, Willburn B., Raleigh, N. C., assignor to Draper Company, Hopedale, Mass. Filling-replenishing mechanism for looms.	846,773	Mar. 12	2119	466	127	570

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Birmingham, William E., Philadelphia, Pa. Eyeglass or spectacle case.....	867,100	Sept. 24	3606	1023	130	1222
Birmingham Small Arms Company. (See Norman, George, assignor.)						
Birnback, Heinrich, Vienna, Austria-Hungary. Memorandum-block.....	856,841	June 11	2731	566	128	2419
Birnstock, William W., assignor of one-half to M. G. Collins, York, Pa. Building-block and wall.....	869,615	Oct. 29	3809	1042	130	2581
Birnstock, William W., assignor of one-half to M. G. Collins, York, Pa. Building-block.....	869,770	Oct. 29	4037	1114	130	2647
Birnsfield, Jules A. (See Forsberg and Birnsfield.)	851,114	Apr. 23	4793	1008	127	2920
Birnsfield, Jules A., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Switching device.....	848,283	Mar. 26	5155	1124	127	1389
Birnsfield, Jules A., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Circuit-changing apparatus.....	853,292	May 14	1873	388	128	509
Birnsfield, Jules A., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Breast-transmitter.....	853,337	May 14	1973	408	128	539
Birnsner, John N., Belleville, Ill. Drain attachment for mash-tubs.....	840,900	Jan. 8	2229	490	126	610
Bisbing, Mahlon, Rock Island, Ill., assignor to Velie Carriage Company. Vehicle-reach.....	860,785	July 23	3803	1043	129	1351
Bischoff, Carl. (See Linzel and Bischoff.)						
Bischoff, Gustavus A., Chicago, Ill. Fastener for metallic sash-bars.....	871,318	Nov. 19	2455	635	131	773
Bischoff, Thomas, Philadelphia, Pa. Poultry drinking-fountain.....	861,156	July 23	4373	1200	129	1537
Bishop, Albert C. (See Criswell and Bishop.)						
Bishop, Albert T., Southington, assignor to Hurwood Manufacturing Company, Incorporated, Bridgeport, Conn. Tubular lantern.....	855,443	June 4	7	2	128	1696
Bishop, Albert T., Southington, and J. L. McCann, assignors to Hurwood Manufacturing Company, Incorporated, Bridgeport, Conn. Tubular lantern.....	855,612	June 4	326	67	128	1778
Bishop, Amarius A. (See Gilmer, Joseph, assignor.)						
Bishop, Donald G. (See Bishop, Norman D., assignor.)						
Bishop, George, Oxbow, Saskatchewan, Canada. Gang-plow.....	846,643	Mar. 12	1885	414	127	510
Bishop, George, Leeds, England. Curtain-fastener.....	863,254	Aug. 13	1865	502	129	2696
Bishop, James, Carthage, N. Y. Tower for making bisulfite liquor.....	864,881	Sept. 3	187	53	130	59
Bishop, James A., Chicago, Ill. High-pressure valve.....	875,496	Dec. 31	6492	1356	131	2335
Bishop, John M., Huntsville, Ala. Fertilizer-distributor.....	872,553	Dec. 3	509	106	131	1245
Bishop, John S., et al. (See Seligsohn, Morris, assignor.)						
Bishop, Louis N., Dayton, Ky. Work-guide for sewing-machines.....	874,728	Dec. 24	4972	1044-5	131	2063
Bishop, Louis N., Dayton, Ky., and L. Mapes, Cincinnati, Ohio, assignors of one-half to J. S. Storrs, Fort Thomas, Ky., and W. E. North, Cincinnati, Ohio. Marking or pin tag.....	858,330	June 25	5633	1206	128	3221
Bishop, Norman D., assignor to D. G. Bishop, Los Angeles, Cal. Illuminating apparatus.....	841,765	Jan. 22	3959	855	126	1130
Bishop, Robert H. (See Hartley and Bishop.)						
Bishop, Rookwood C., Christchurch, New Zealand. Gas-heated boiler.....	852,698	May 7	658	128	128	173
Bishop, Sydney E., Cambridge, Mass. Soap-holder.....	855,428	May 28	6112	1278	128	1655
Bishop, Wade H., Birmingham, Ala. Square.....	874,383	Dec. 24	4264	899	131	1949
Bishopric, George F., Toronto, Ontario, Canada. Producing coverings.....	868,157	Oct. 15	1466	412	130	1805
Bishopric, George F., Toronto, Ontario, Canada. Composite roofing.....	875,041	Dec. 31	5619	1172	131	2190
Bisler, Gustave A. (See Leber, William A., assignor.)						
Bissell, Clinton S., Flushing, N. Y. Sun time-card.....	853,338	May 14	1978	409	128	541
Bissell, Edward J., Bay City, Mich. Wave-motor.....	875,042	Dec. 31	5620	1173	131	2190
Bissell, Percy R., New York, N. Y. Gas-engine.....	871,319	Nov. 19	2458	635-6	131	773
Bissell, William G. (See Vaughn and Bissell.)						
Bisset, Peter, Washington, D. C. Photographic developing apparatus.....	845,049	Feb. 26	4626	984	126	3054
Bisset, William, Penarth, England. Appliance for loading ships with coal or the like.....	857,784	June 25	4556	963-4	128	2949
Bissinger, Charles F., Fort Richmond, N. Y. Packing-machine.....	862,303	Aug. 6	329	92	129	2185
Bitner, Harry, Estes Park, Colo. Connecting device for elevator-doors.....	853,950	May 21	3234	663	128	898
Bitner, Harry, Berwyn, assignor to Arcade Manufacturing Company, Freeport, Ill. Cork-puller.....	845,608	Feb. 26	5716	1217	126	3327
Bittle, George, Sharonville, Ohio. Sign.....	874,156	Dec. 17	3804	802	131	1842
Bittner, Adolph B., Uniontown, Pa. Tunnel-head.....	862,793	Aug. 6	1130	306	129	2428
Bitza, Charles A. (See Slika, Frank J., assignor.)						
Bitzer, Gottlieb, Turners Falls, Mass. Hub-attaching device.....	852,492	May 7	215	39	128	62
Bitzer, John. (See Schreiber, Carl, assignor.)						
Bivens, E. D., et al. (See Snider, David W., assignor.)						
Bivort, Charles, Paris, France. Stenographic or reporting machine.....	852,994	May 7	1284	266-7	128	326
Bixby, John L., Jr., River Forest, Ill. Belting.....	847,228	Mar. 12	3009	664	127	790
Bjergegaard, August P., Mineola, assignor of one-half to R. C. Mitchell, Mount Vernon, N. Y. Manufacture of cement and other products.....	864,068	Aug. 20	3054	844	129	3098
Bjorklund, Gustave, New York, N. Y. Piano-pedal action.....	844,655	Feb. 19	3852	817	126	2819
Bjuhr, Hugo S. (See Bruce and Bjuhr.)						
Bjur, William L., New York, N. Y. Piano string-plate.....	847,889	Mar. 19	4384	959	127	1161
Black, Agnes L., Sacramento, Cal. Facial bandage.....	862,794	Aug. 6	1132	306	129	2429
Black, Albert B. (See Bouton, Samuel, assignor.)						
Black, David G., Brooklyn, N. Y. Game apparatus.....	856,216	June 11	1476	313-14	128	2100
Black Diamond Coal Drill and Tool Co. (See Weiss, George F., assignor.)						
Black, Ellis L., Bentley, Kans. Sand-proof disk-hub.....	869,226	Oct. 29	3163	872	130	2381
Black, Francis M., Kincaid, Kans. Signaling system for railways.....	857,021	June 18	3071	649-51	128	2542
Black, George M. (See Hitt and Black.)						
Black, Henry B., et al. (See Monroe, Charles H., assignor.)						
Black, Henry C., San Francisco, Cal. End-flanging mechanism for can-bodies.....	858,783	July 2	724	191	129	250
Black, Henry C., San Francisco, Cal. Can-end crimping and seaming mechanism.....	858,784	July 2	727	191-2	129	251
Black, Henry C., San Francisco, Cal. Can-flanging and head-seaming mechanism.....	858,785	July 2	731	192-3	129	252
Black, Ira H., Carnegie, Pa. Heater.....	862,382	Aug. 6	446	121	129	2227
Black, John, Mendota, Ill. Sandpapering-machine.....	869,688	Oct. 29	3921	1078-9	130	2614
Black, Lewis E., Nashville, Tenn. Air-brake.....	840,197	Jan. 1	820	180	126	219
Black, Mortimer H., Pittsburg, Pa. Attachment for telephones.....	850,558	Apr. 16	3730	779	127	2615
Black, Samuel D., assignor to Manufacturer's Engineering Company, Baltimore, Md. Switch-contact for controllers and the like.....	840,819	Jan. 8	2056	455	126	567
Black, Sidney M., Bay City, Mich. Brickmaking mechanism.....	866,325	Sept. 17	2436	680	130	822
Black, Thomas, et al. (See Poe, George, assignor.)						
Black, Thomas W., assignor of one-half to W. S. Philips, Burnham, Pa. Goggles.....	843,065	Feb. 5	441	96	126	1905
Black, William C., Plymouth, Ohio. Separator-sieve.....	874,291	Dec. 17	4082	860	131	1887
Black, William M., assignor to Scovill Manufacturing Company, Waterbury, Conn. Box for watch-movements.....	862,048	July 30	5760	1600	129	2004
Blackall, Robert H. (See Turner and Blackall.)						
Blackall, Robert H., Edgewood Park, assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Triple valve.....	851,273	Apr. 23	5139	1081	127	3005
Blackburn, Arthur H., Matteawan, N. Y. Automatic lathe for working pipes or bars.....	846,000	Mar. 5	574	120-1	127	147
Blackburn, Bruce, Los Angeles, Cal. Retaining device.....	869,131	Oct. 22	3014	832	136	2307
Blackburn, Charles E. (See Nickel, Martin, and Blackburn.)						
Blackburn, Charles W., Bisbee, Ariz. Ter. Whiffletree-hook.....	860,121	July 16	2777	758	129	982

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Blackburn, Ernest C. (See McDermid and Blackburn.)						
Blackburn, George L., assignor of one-half to J. K. Callahan, Greensboro, N. C. Guard attachment for telephones.	859,479	July 9	1794	482	129	635
Blackburn, George R. (See Cox, Warren R., assignor.)						
Blackburn, George W., Sarasota, Fla. Fishing-reel.	847,890	Mar. 19	4386	959	127	1161
Blackburn, Harvey, Evansville, Ind. Beer-coil cleaner.	872,494	Dec. 3	373	77	131	1226
Blackburn, Jasper, Chillicothe, Mo. Extension-handle for augers.	846,389	Mar. 5	1329	293	127	335
Blackburn, Richard H., New York, N. Y. Chart for drafting garments.	843,862	Feb. 12	2015	433	126	2331
Blackburn, Thomas B., and C. D. Brann, Oxnard, Cal. Side dumping-rack for cars.	858,644	July 2	501	129	129	175
Blackett, Charles W., et al. (See Sparkes, James M., assignor.)						
Blackford, Atwell J., Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Oil-burner.	843,586	Mar. 26	5733	1254	127	1531
Blackford, Charles T., et al. (See Herr, Clarence M., assignor.)						
Blackford, Ernest, Potomac, Ill. Revolving-paddle churn.	874,292	Dec. 17	4084	861	131	1338
Blackford, Wilton F., et al. (See Reese, John E., assignor.)						
Blackham, William H. (See Teese, William J., assignor.)						
Blackie, John S., Carson City, Nev. Ditching-machine.	861,080	July 23	4266	1169-70	129	1500
Blackiston, John A., Piedmont, W. Va. Eyeglass attachment for caps and hats.	862,795	Aug. 6	1132	307	129	2429
Blackman, Henry, Belmar, N. J. Ventilating tunnels.	852,995	May 7	1286	267	128	327
Blackman, Isaac. (See Friedman, Bernhard Z., assignor.)						
Blackman, Joseph N., East Orange, N. J. Cleaning attachment for sound-records.	865,674	Sept. 10	1431	405	130	467
Blackman, Thomas G., Jr., Graceville, Fla. Automatic car-coupling.	849,042	Apr. 2	856	175	127	1805
Blackman, William A., New York, N. Y. Rack for tissue-paper and the like.	843,387	Feb. 5	1098	227-8	126	2068
Blackmer, Lucian R., Webster Groves, assignor to Blackmer & Post Pipe Company, St. Louis, Mo. Centering device for drain or similar pipes.	845,392	Feb. 26	5324	1129	126	3230
Blackmer & Post Pipe Company. (See Blackmer, Lucian R., assignor.)						
Blackmer, Robert M., Conway, assignor to Blackmer Rotary Pump, Power and Manufacturing Company, Petoskey, Mich. Rotary pump.	869,050	Oct. 22	2901	800-1	130	2273
Blackmer Rotary Pump, Power and Manufacturing Company. (See Blackmer, Robert M., assignor.)						
Blackmore, Alfred, Kensington, London, England. Electric switching apparatus and controlling apparatus therefor.	870,078	Nov. 5	318	88-90	131	106
Blackmore, Henry S., Mount Vernon, N. Y. Formaldehyde preparation.	854,452	May 21	4198	128	1145	
Blackmore, Henry S., Mount Vernon, N. Y. Disinfecting or antiseptic composition and making same.	861,571	July 30	5055	129	1790	
Blackmore, Henry S., Mount Vernon, N. Y. Making aldehydes and solutions thereof.	868,320	Oct. 15	1738	491	130	1885
Blackmore, Henry S., Mount Vernon, N. Y. Producing aluminium and other metals.	872,985	Dec. 3	1390	292	131	1386
Blackmore, Henry S., Mount Vernon, N. Y., assignor to American Automatic Disinfectant Company, Washington, D. C. Automatic disinfecting or odorizing apparatus.	853,434	May 14	2141	446	128	581
Blackmore, Henry S., Mount Vernon, N. Y., assignor to American Automatic Disinfectant Company, Washington, D. C. Automatic apparatus for sterilizing, disinfecting, or odorizing vehicles.	853,435	May 14	2144	447	128	582
Blackmore, Henry S., Mount Vernon, N. Y., assignor to American Automatic Disinfectant Company, Washington, D. C. Apparatus for disinfecting, odorizing, or other purposes.	853,913	May 14	3137	642	128	835
Blackmore, John E. L., Montreal, Quebec, Canada. Extensible rod.	861,352	July 30	4710	1285-6	129	1683
Blackmore, William, London, England. Electromagnetic separator.	851,979	Apr. 30	6580	1370-1	127	3401
Blacknell, Elihue, Feris, Tex. Bedstead.	864,000	Aug. 27	3919	1087	129	3397
Blackstone, James W., Newark, Ohio. Device for removing ice from rails.	860,438	July 16	3259	891	129	1140
Blackstone, Edward C., and R. B. Watts, Stamford, England. Rake or collector for hay and other crops.	866,326	Sept. 17	2438	681	130	824
Blackton, William H. (See Fleming, Trub, and Blackton.)						
Blackwell, Grant. (See Thomas and Blackwell.)						
Blackwood, Jacob S., Columbus, Ind. Dumping-wagon.	849,965	Apr. 9	2612	543-4	127	2288
Blacow, William H. (See Walker, DeWitt D., assignor.)						
Blagg, Thomas J., assignor of one-eighth to H. C. Schade, Boise, Idaho. Tent.	861,252	July 30	4534	1240-1	129	1620
Blain, Charles S., Seattle, Wash. Stationary washstand.	865,856	Sept. 10	1732	482	130	574
Blain, Edwin E., Columbus, Ohio. Torpedo signaling device.	854,194	May 21	3722	770	128	1022
Blain, James. (See Hill and Blain.)						
Blain, Joseph N., and O. H. Smith, Ottawa, Kans. Hydrocarbon-burner.	840,292	Jan. 1	1006	220	126	270
Blaine, George E., Indianapolis, Ind. Adjusting-lever and ratchet connection for harrows.	842,996	Feb. 5	311	67	126	1868
Blaine, George E., Indianapolis, Ind. Railway-rail fastener.	868,836	Oct. 22	2578	711	130	2172
Blaine, John E., Jr., assignor to Globe-Wernicke Company, Cincinnati, Ohio. Index-filing system.	871,102	Nov. 19	1976	540-1	131	700
Blair, Albert, Geneseo, Ill. Churn.	860,895	July 23	3977	1090	129	1409
Blair, Allen F., Tacoma, Wash. Car-haul chain.	858,786	July 2	735	193	129	253
Blair, Charles H., et al. (See Cornell, Oliver H. P., assignor.)						
Blair, Frank W., New York, N. Y. Circuit-breaker.	874,293	Dec. 17	4085	861	131	1588
Blair, Gardner L., Redwine, Ky., assignor of one-half to H. G. and A. Howard, A. Reynolds, and H. F. Wilder. Combination-tool.	860,122	July 16	2777	758	129	982
Blair, Henry F., Hermitage, Mo. Corn-planter.	842,755	Jan. 29	6080	1282	126	1696
Blair, John, et al. (See Robey, Austin C., assignor.)						
Blair, Joseph H., Bowling Green, Mo. Drafting instrument.	874,384	Dec. 24	4265	899	131	1949
Blair Light Company. (See Blair, Thomas H., assignor.)						
Blair, Paul A., Waterbury, Conn. Attachment for vehicles.	851,154	Apr. 23	4885	1028	127	2944
Blair, Robert S., New Rochelle, N. Y. Eyeglasses.	841,614	Jan. 15	3648	792	126	1017
Blair, Robert S., New York, N. Y. Recording apparatus.	842,132	Jan. 22	4689	1006	126	1308
Blair, Thomas H. (See Kelley, Frederick H., assignor.)						
Blair, Thomas H., assignor, by mesne assignments, to Blair Light Company, Northboro, Mass. Hydrocarbon-lamp.	868,069	Oct. 15	1353	379	130	1769
Blair, Thomas S., Jr., Elmhurst, Ill. Car-wheel.	856,675	June 11	2443	502	128	2347
Blair, Thomas S., Jr., Elmhurst, Ill. Rolling-mill practice.	856,676	June 11	2444	502	128	2347
Blair, Thomas S., Jr., Elmhurst, Ill. Car-wheel.	856,677	June 11	2447	502	128	2347
Blair, Thomas S., Jr., Elmhurst, Ill. Rolling-mill.	860,896	July 23	3979	1090	129	1409
Blair, Thomas S., Jr., Elmhurst, Ill. Furnace.	869,616	Oct. 29	3810	1042-3	130	2581
Blair, Thomas S., Jr., Elmhurst, Ill. Open-hearth furnace.	869,617	Oct. 29	3812	1043	130	2582
Blair, Thomas S., Jr., Elmhurst, Ill. Steel plant.	872,046	Nov. 26	4026	965-6	131	1042
Blair, Walter O., and M. J. Scanlan, Keystone, S. D. Brake-block.	870,711	Nov. 12	1326	363	131	467
Blair, Wesley W. (See Greenlaw, Arthur L., assignor.)						
Blair, William, Wabbaseka, Ark. Hair-clipper.	864,150	Aug. 27	3196	884	129	3170
Blair, William R., assignor to Buffalo Gasolene Motor Company, Buffalo, N. Y. Propeller-adjusting device.	849,719	Apr. 9	2164	445-6	127	2173
Blaisdell Company. (See Blaisdell, Hiram W., assignor.)						
Blaisdell, Hiram W., Los Angeles, Cal. Scraping-machine for closed filters.	840,104	Jan. 1	621	134-5	126	164
Blaisdell, Hiram W., Los Angeles, Cal. Distributing-machine for closed filters.	842,850	Feb. 5	3	1-2	126	1787

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Blaisdell, Hiram W., Los Angeles, Cal. Machine for cleansing filter-beds.....	845,744	Mar. 5	15	3-4	127	7
Blaisdell, Hiram W., Los Angeles, Cal. Transfer mechanism.....	845,745	Mar. 5	20	4-5	127	8
Blaisdell, Hiram W., Los Angeles, Cal. Machine for cleaning covered filters.....	845,746	Mar. 5	25	6-7	127	9
Blaisdell, Hiram W., Los Angeles, Cal. Excavator.....	854,626	May 21	4507	940-1	128	1220
Blaisdell, Hiram W., Los Angeles, Cal. Manual scraping-machine.....	864,151	Aug. 27	3198	885	129	3170
Blaisdell, Hiram W., Los Angeles, Cal. Centrifugal filter.....	866,424	Sept. 17	2576	719-20	130	869
Blaisdell, Hiram W., Los Angeles, Cal. Manual scraping-machine.....	867,003	Sept. 24	3448	976-7	130	1177
Blaisdell, Hiram W., Los Angeles, Cal. Machine for cleaning filter-beds.....	873,010	Dec. 10	1476	307	131	1430
Blaisdell, Hiram W., Los Angeles, Cal., assignor to Blaisdell Company. Closure for vats.....	864,764	Aug. 27	4164	1156-7	129	3471
Blaisdell Paper Pencil Company. (See Smith, Charles A., assignor.)						
Blaisdell, William G., Sackett, Pa. Pumping and drilling machine.....	863,255	Aug. 13	1866	502	129	2696
Blake, Bryon S., and E. A. Longshore, Des Moines, Iowa; said Longshore assignor to said Blake. Mixing-machine.....	852,406	Apr. 30	7431	1559	127	3614
Blake, Charles C., Brookline, Mass. Tag.....	856,388	June 11	1890	389	128	2208
Blake, Charles C., Brookline, Mass., assignor to Western Electric Company, Chicago, Ill. Electric annunciator.....	841,307	Jan. 15	3063	663	126	866
Blake, Charles W. (See Blake, David A. and C. W.)						
Blake, Charles W., Wesley, Iowa. Tank-heater.....	842,168	Jan. 29	4790	1023	126	1368
Blake, David A., San Angelo, Tex., and C. W. Blake, Lake George, N. Y., assignors to said David A. and C. W. Blake. Jack.....	862,129	Aug. 6	13	4	129	2084
Blake, E. M., et al. (See Genin, Jean B., assignor.)						
Blake, Gene S., Potomac, Ill. Brake mechanism.....	857,150	June 18	3328	701	128	2608
Blake, George E., Greencastle, Ind. Power-transmitting device.....	849,768	Apr. 9	2253	463	127	2198
Blake, George E., Greencastle, Ind. Power-transmitting device.....	874,157	Dec. 17	3805	802	131	1842
Blake, Henry H., and H. E. Denison, Auburn, N. Y. Wedge.....	860,347	July 16	3115	851-2	129	1093
Blake, John H., Knoxville, Tenn. Dumping-car.....	873,149	Dec. 10	1755	369	131	1476
Blake & Knowles Steam Pump Works. (See De Laval, George, assignor.)						
Blake, Lucien I., Lawrence, Kans., assignor to Submarine Signal Company, Boston, Mass. System of submarine signaling.....	852,646	May 7	548	104	128	144
Blake, Lucien I., assignor to Submarine Signal Company, Boston, Mass. Submarine signaling.....	852,647	May 7	550	105	128	144
Blake, Lucien I., assignor to Submarine Signal Company, Boston, Mass. Submarine signaling.....	852,648	May 7	553	105	128	145
Blake, Lucien I., assignor to Submarine Signal Company, Boston, Mass. Transmitter for systems of submarine signaling.....	852,649	May 7	556	106	128	145
Blake, Lucien I., assignor to Submarine Signal Company, Boston, Mass. Receiver for systems of submarine signaling.....	852,760	May 7	771	152-3	128	201
Blake, Ludwig L. (See Lidseen and Blake.)						
Blake, Sherman J., Conneaut, Ohio. Trimming device for loading apparatus.....	844,317	Feb. 19	2935	625	126	2599
Blakely, Thomas A., Flesherton, Ontario, assignor of one-half to F. W. Harrison, Owen Sound, Canada. Antifriction-bearing.....	872,709	Dec. 3	825	171-2	131	1297
Blakeman, John P., Chaplin, Ky. Automatic brake.....	843,255	Feb. 5	863	175	126	2013
Blakemore, James D. (See Stanton, Henry, assignor.)						
Blakeney, Edward, Ossining, N. Y., and R. E. Chetwood, Jr., Elizabeth, N. J., assignors to American Telephone and Telegraph Company. Nullifying disturbances in telegraphic or other signaling circuits.....	874,826	Dec. 24	5135	1081	131	2095
Blakeney, Edward, Ossining, N. Y., assignor to American Telephone and Telegraph Company. Means for nullifying inductive interference between parallel circuits.....	851,856	Apr. 30	6333	1321	127	3339
Blakeslee, Frank E. (See Tower, Oscar, assignor.)						
Blakeslee, Frank W., Ashtabula, Ohio. Concrete-mixer.....	863,775	Aug. 20	2618	724-5	129	2964
Blakeslee, George S., Chicago, Ill. Knife-polishing machine.....	873,011	Dec. 10	1478	307-8	131	1430
Blakeslee, John R., Jr., Cleveland, Ohio. Metal-working apparatus.....	848,284	Mar. 26	5160	1124	127	1391
Blakeslee, John R., Jr., Cleveland, Ohio. Forging-machine.....	868,321	Oct. 15	1741	491	130	1886
Blakesley, Gilbert H., assignor to Blakesley Novelty Company, Bristol, Conn. Tool for dressing, shaping, and cleaning rubber erasers.....	850,337	Apr. 16	3309	689	127	2508
Blakesley, Gilbert H., assignor to Blakesley Novelty Company, Bristol, Conn. Lace-braiding machine.....	861,703	July 30	5253	1443	129	1848
Blakesley Keyless Lock Company. (See Blakesley, Orson J., assignor.)						
Blakesley Novelty Company. (See Attenborough, Alfred, assignor.)						
Blakesley Novelty Company. (See Blakesley, Gilbert H., assignor.)						
Blakesley, Orson J., assignor to Blakesley Keyless Lock Company, Denver, Colo. Keyless lock.....	866,567	Sept. 17	2770	775	130	928
Blakeway, John H., San Francisco, Cal. Heating apparatus.....	841,107	Jan. 15	2675	585	126	769
Blakey, George G. (See Weitershausen, Franklin B., assignor.)						
Blakey, George G. and R. O., Pittsburg, Pa. Device for preventing the flattening of the ends of pipe.....	860,897	July 23	3981	1091	129	1410
Blakey, Robert O. (See Blakey, George G. and R. O.)						
Blakiston, Ralph. (See Thomson, Blakiston, Hope, and Richards.)						
Blakkan, I. J. (See Hestness, Bernt, assignor.)						
Bialack, William. (See Allen and Bialack.)						
Bialack, William, Parsons, Kans. Lawn-sweeper.....	863,256	Aug. 13	1867	503	129	2696
Blameuser, Benjamin J., Chicago, Ill. Galvanic battery.....	858,563	July 2	336	84	129	121
Blanc, Gustave. (See Bouveault and Blanc.)						
Blanch, Malcolm. (See Johnson and Blanch.)						
Blanchard, Addison H., Grand Rapids, Mich. Horse-grooming implement.....	863,257	Aug. 13	1868	503	129	2697
Blanchard, Frederick C., and E. B. Crocker, Bridgeport, Conn., assignors to Consolidated Safety Valve Company. Muffler.....	871,775	Nov. 26	3394	834-5	131	951
Blanchard, Helen A., Philadelphia, Pa. Hat-sewing machine.....	860,123	July 16	2778	758-9	129	982
Blanchard, Julien M. M., New York, N. Y. Antiskidding device.....	851,857	Apr. 30	6336	1321	127	3340
Blanchard, Virgil W., New York, N. Y. Heating apparatus.....	849,314	Apr. 2	1387	279	127	1941
Blanchard, Virgil W., New York, N. Y. Gas cooking-stove.....	849,315	Apr. 2	1391	280	127	1942
Blanchard, Virgil W., New York, N. Y. Gas cooking stove or range.....	849,316	Apr. 2	1393	280	127	1943
Blanchard, Virgil W., New York, N. Y. Water-heating apparatus.....	849,317	Apr. 2	1395	280	127	1943
Blanchard, Virgil W., New York, N. Y. Cooking apparatus.....	849,318	Apr. 2	1397	280-1	127	1944
Blanchard, Virgil W., New York, N. Y. Guard for gas heating-stoves.....	849,319	Apr. 2	1399	281	127	1944
Blanchard, Virgil W., New York, N. Y. Attachment for gas heating-stoves.....	849,320	Apr. 2	1400	281	127	1944
Blanchard, Virgil W., New York, N. Y. Gas cooking-stove.....	849,321	Apr. 2	1401	281	127	1945
Blanchard, Virgil W., New York, N. Y. Door-fastening.....	849,322	Apr. 2	1403	282	127	1945
Blanchard, Virgil W., New York, N. Y. Gas-burning stove.....	849,323	Apr. 2	1403	282	127	1945
Blanchard, Virgil W., New York, N. Y. Gas-burner.....	862,796	Aug. 6	1134	307	129	2429
Blanchard, Virgil W., New York, N. Y. Furnace.....	867,905	Oct. 8	1051	298	130	1653
Blanchard, Virgil W., New York, N. Y. Gas-burning air-heating furnace.....	867,906	Oct. 8	1053	298	130	1654
Blanchard, Virgil W., New York, N. Y. Gas-burner.....	868,249	Oct. 15	1609	456	130	1847
Blanchard, Virgil W., New York, N. Y. Gas-burning apparatus.....	868,250	Oct. 15	1611	456	130	1848
Blanchette, Napoleon, Biddeford, Me. Shuttle-binder for looms.....	851,545	Apr. 23	5667	1186	127	3137

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Blank, George W., Wilksburg, Pa. Lubricator.....	849,966	Apr. 9	2614	544-5	127	2289
Blank, John H., Chicago, Ill. Hen's nest.....	848,430	Mar. 26	5449	1187	127	1461
Blankenagel, Carl, Bielefeld, Germany. Check-till.....	849,196	Apr. 2	1180	238-9	127	1890
Blankenberg, Edward. (See Johnson, Weddemann, and Blankenberg.)						
Blankenship, Arthur. (See Morris, William T., assignor.)						
Blankenship, Orrin B. (See Sherwood and Blankenship.)						
Blankmeister, Otto, assignor to E. Mäser, Dresden, Germany. Foil-stamping press.....	863,583	Aug. 20	2345	640	129	2875
Blasberg, Friedrich W., Haan, Germany. Razor-blade-grinding machine.....	851,057	Apr. 23	4693	987	127	2896
Blasco, Charles, Habana, Cuba. Seed-separating apparatus.....	839,194	July 9	1363	361	129	490
Blass, Talmadge, Lebanon, Pa. Apparatus for separating materials.....	842,614	Jan. 29	5754	1216	126	1616
Blass, Talmadge, West Seneca, N. Y., and J. L. Haehtlen and W. W. Cox, Lebanon, Pa. Producing salts of volatile bases.....	854,453	May 21	4200	869	128	1146
Bláthy, Otto T., Budapest, Austria-Hungary. Method of and apparatus for measuring electric currents.....	853,216	May 14	1717	356	128	467
Blatt, Peter, Allegheny, Pa. Dumping-wagon.....	863,566	Aug. 13	2297	629	129	2829
Blattner, Friedrich H. (See Freiermuth and Blattner.)						
Blau, Hermann, Augsburg, Germany. Illuminating liquefied gas and treating distillation-gases to produce the same.....	862,383	Aug. 6	418	121	129	2227
Blauvelt, Albert, Chicago, Ill. Fire-extinguisher valve.....	872,791	Dec. 3	984	204	131	1323
Blauvelt, William A., Mount Vernon, N. Y. Lamp-burner.....	856,021	June 4	1111	231	128	1976
Blauvelt, William E., New York, assignor of one-half to E. West, Brooklyn, N. Y. Bookbinding-machine.....	847,891	Mar. 19	4388	960-5	127	1161
Blaw Collapsible Steel Centering Company. (See Blaw, Jacob B., assignor.)						
Blaw, Jacob B., assignor to Blaw Collapsible Steel Centering Company, Pittsburg, Pa. Mold and centering device for sewers, conduits, &c.....	851,395	Apr. 23	5385	1129	127	3069
Blaw, Jacob B., assignor to Blaw Collapsible Steel Centering Company, Pittsburg, Pa. Mold and centering device.....	853,951	May 21	3235	663	128	898
Blaw, Jacob B., assignor to Blaw Collapsible Steel Centering Company, Pittsburg, Pa. Centering-mold.....	853,952	May 21	3237	663	128	899
Blaw, Jacob B., assignor to Blaw Collapsible Steel Centering Company, Pittsburg, Pa. Centering-mold.....	853,953	May 21	3239	664	128	899
Blaw, Jacob B., assignor to Blaw Collapsible Steel Centering Company, Pittsburg, Pa. Centering-mold.....	853,954	May 21	3240	664-5	128	899
Blaw, Jacob B., assignor to Blaw Collapsible Steel Centering Company, Pittsburg, Pa. Ceiling-mold.....	853,955	May 21	3242	665	128	900
Blaw, Jacob B., assignor to Blaw Collapsible Steel Centering Company, Pittsburg, Pa. Ceiling-mold.....	853,956	May 21	3243	665	128	900
Blaw, Jacob B., assignor to Blaw Collapsible Steel Centering Company, Pittsburg, Pa. Ceiling-mold.....	853,957	May 21	3244	666	128	900
Blaw, Jacob B., assignor to Blaw Collapsible Steel Centering Company, Pittsburg, Pa. Mold.....	871,385	Nov. 19	2612	668	131	795
Blaxter, George H., Beaver, assignor to Pittsburgh Seamless Tube Company, Beaver Falls, Pa. Blank-support for tube-mills.....	848,285	Mar. 26	5162	1124	127	1391
Bleach & Caustic Process Company. (See Gabriel, George A., assignor.)						
Bleakley, William, Leeds, England. Friction or massage appliance.....	851,489	Apr. 23	5560	1166	127	3110
Bleakley, William, Leeds, England. Semaphore-signal used on railways.....	859,639	July 9	2035	550	129	712
Bleeschmidt, Charles E., Coriersville, Ind. Bolt for burglar-proof safes.....	863,584	Aug. 20	2346	640	129	2875
Bledsoe, Morton C., and G. F. Blumenkamp, St. Louis, Mo. Type-writer.....	861,943	July 30	5626	1559	129	1963
Blee, William C., Santa Ana, Cal. Wrench.....	845,924	Mar. 5	415	84	127	107
Bleecker, Frederick G., et al. (See Bleecker, Warren F., assignor.)						
Bleecker, Martin C., et al. (See Bleecker, Warren F., assignor.)						
Bleecker, Warren F., Victor, Colo., assignor of two-thirds to F. G. Bleecker, Grand Island, Nebr., and M. C. Bleecker, Pueblo, Colo. Rotary engine.....	865,964	Sept. 10	1888	529	130	619
Bleibtrey, John E. (See McAndrews, Thomas F., assignor.)						
Blcil, Herman, Paterson, N. J. Bicycle-pedal.....	866,568	Sept. 17	2773	775	130	928
Blcile, Albert, Dayton, Ohio. Pan-skipping device for cracker-cutting machines.....	863,349	Aug. 13	1996	538	129	2738
Bleimeyer, Peter B., assignor to Zucker & Levett & Loeb Company, New York, N. Y. Brush.....	855,040	May 28	5381	1118	128	1473
Bleitz, Louis. (See Bleitz, Rollen, assignor.)						
Bleitz, Louis and R. Sandwich, Ill. Speed varying and reversing mechanism.....	855,613	June 4	328	67	128	1778
Bleitz, Rollen. (See Bleitz, Louis and R.)						
Bleitz, Rollen, assignor of one-half to L. Bleitz, Sandwich, Ill. Speed-changing mechanism.....	847,460	Mar. 19	3492	764	127	940
Blekum, Herald. (See Clough, Edwin S., assignor.)						
Blenkner, Fred C. (See Bassell and Blenkner.)						
Bleo, John H., assignor to A. B. Levy, New York, N. Y. Valve.....	841,924	Jan. 22	4285	924	126	1211
Blesch, August F., Detroit, Mich. Valve.....	867,341	Oct. 1	174	51	130	1365
Bless, George, Brooklyn, N. Y. Pianoforte.....	848,957	Apr. 2	699	140-1	127	1765
Blessing, Frank C., et al. (See McCann, Lee, assignor.)						
Blessing, John G., Chicago, Ill., assignor to American Cutlery Company. Cutlery-glazing machine.....	875,237	Dec. 31	5988	1248-9	131	2253
Blessing, Louis, Jackson, Mich. Sectional cement railway-tie.....	845,925	Mar. 5	416	85	127	108
Blessing, Louis, Jackson, Mich. Metal truss telegraph-pole.....	846,001	Mar. 5	576	121	127	147
Blessing, Louis, Jackson, Mich. Railway-tie.....	849,721	Apr. 9	2167	446	127	2174
Blessing, Louis, Jackson, Mich. Railway-tie.....	873,292	Dec. 10	2030	424	131	1521
Blessing, Louis, and A. Johns, Jackson, Mich. Nut-lock.....	849,720	Apr. 9	2167	446	127	2174
Blevins, David T., Windsor, and S. R. Giddings, assignors to Yankee Beet Topper Company, Timnath, Colo. Beet-topper.....	868,593	Oct. 15	2180	608-9	130	2026
Blickensderfer, George C., Stamford, Conn. Type-writing machine.....	864,505	Aug. 27	3732	1040	129	3342
Blickensderfer, George C., Stamford, Conn. Carriage feeding and controlling device.....	864,601	Aug. 27	3920	1087	129	3397
Blickensderfer, George C., Stamford, Conn. Type-writing machine.....	864,602	Aug. 27	3925	1088	129	3399
Blickman, Sophia. (See Kronman, Edward, assignor.)						
Bliedung, August, Hamburg, Germany. Automatic coaling apparatus for bunkers, &c.....	871,469	Nov. 19	2791	702	131	823
Bliemeister, John C., Buffalo, N. Y. Clothes-drainer.....	863,776	Aug. 20	2619	725	129	2964
Blish, Henry H., and G. C. Silzer, assignors to Harger & Blish, Dubuque, Iowa. Device for selling goods.....	842,295	Jan. 29	5053	1078	126	1433
Bliss, Donald M., New York, N. Y., assignor to Engineering Specialty Company. Demagnetizer.....	855,158	May 28	5633	1171	128	1536
Bliss, Donald M., Brookline, Mass., assignor to Holtzer Cabot Electric Company. Switch.....	860,124	July 16	2782	759	129	984
Bliss, Elmer F., Schenectady, N. Y., assignor to General Electric Company. Selective signal system.....	848,958	Apr. 2	701	141	127	1766
Bliss, Elmer F., Schenectady, N. Y., assignor to General Electric Company. Block-signal system.....	848,959	Apr. 2	703	141	127	1767
Bliss, Elmer F., Schenectady, N. Y., assignor to General Electric Company. Relay.....	851,795	Apr. 30	6193	1293	127	3302
Bliss, Elmer F., Schenectady, N. Y., assignor to General Electric Company. Block-signal system.....	856,440	June 11	1990	410	128	2233

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Bliss, Elmer F., Schenectady, N. Y., assignor to General Electric Company. Block-signal system.	861,015	July 23	4178		129	1473
Bliss, Fred, assignor of one-half to G. Bliss, Hammond, Ind. Double pan.	874,562	Dec. 24	4634	1144	131	2008
Bliss, Gottle. (See Bliss, Fred, assignor.)				973		
Bliss, Gottle. (See Rothfuchs and Bliss.)						
Bliss, James E. (See Roberts and Bliss.)						
Bliss, William L., New York, N. Y. System of electrical distribution.	863,692	Aug. 20	2493	689	129	2923
Bliss, William L., Brooklyn, N. Y. Automatic electric switch.	872,215	Nov. 26	4361	1039	131	1098
Bliven, Alonzo P., Brooklyn, N. Y. Flying-machine.	850,616	Apr. 16	3541	802-3	127	2642
Blixt, Terry, assignor to W. Foster, Pittsburg, Pa. Mixing-machine.	864,603	Aug. 27	3929	1088	129	3400
Blobel, Oscar, Villach, Austria-Hungary. Clip for turning over music-sheets, &c.	855,874	June 4	838	173	128	1905
Bloch, Albert, Chicago, Ill. Cloth-shrinking machine.	873,656	Dec. 10	2742	581-2	131	1644
Bloch, Charles F., California, Mo. Gambrel.	861,944	July 30	5628	1559	129	1963
Bloch, Emanuel M., Sag Harbor, N. Y. Hat-pin.	866,425	Sept. 17	2578	720	130	869
Block, David, Philadelphia, Pa. Ironing-board.	852,373	Apr. 30	7348	1543	127	3593
Blocki, John, Chicago, Ill. Perfumery-package.	840,105	Jan. 1	626	135	126	165
Blocks, Adrianus, Jr. (See Geraedts, Blocks, and Az.)						
Blodgett, George B., Fredonia, N. Y. Mold for forming cement blocks.	872,106	Nov. 26	4141	990	131	1062
Blodgett, John W., assignor to J. H. McElroy, trustee, Chicago, Ill. Tire-mending implement.	864,225	Aug. 27	3305	916	129	3205
Blodgett, John W., assignor to J. H. McElroy, trustee, Chicago, Ill. Inserting plugs in pneumatic tires.	864,226	Aug. 27	3306	916	129	3205
Blodgett, Warren K., Cambridge, Mass. Hasp-lock.	855,087	May 28	5494	1139-40	128	1502
Blomberg, Edwin C., assignor of one-half to F. Olander, Rockford, Ill. Drawer-guide.	867,101	Sept. 24	3608	1023	130	1223
Blomberg, Edwin C., assignor of one-half to F. Olander, Rockford, Ill. Drawer-guide.	867,102	Sept. 24	3609	1023	130	1223
Blome, Rudolph S. (See Sinek and Blome.)						
Blome, Rudolph S., and W. J. Sinek, Chicago, Ill. Pavement-marker.	864,069	Aug. 20	3056	844-5	129	3098
Blomén, Axel L., Sundbyberg, and P. S. Ewerlöf, Stockholm, Sweden. Air-gun.	843,573	Feb. 12	1489	315	126	2198
Blomquist, Gust E., Rockford, Ill. Coupling for iron bedsteads.	874,385	Dec. 24	4271	900	131	1950
Blood, Burr. (See McGhie and Blood.)						
Blood, Charles W. H., assignor to S. A. Woods Machine Company, Boston, Mass. Belt-adjusting mechanism.	842,756	Jan. 29	6082	1282-3	126	1696
Blood, Charles W. H., assignor to S. A. Woods Machine Company, Boston, Mass. Belt guiding and tightening mechanism.	842,757	Jan. 29	6085	1283	126	1697
Blood, Charles W. H., assignor to S. A. Woods Machine Company, Boston, Mass. Radial setting-gage for cutter-head knives.	846,723	Mar. 12	2010	442	127	541
Blood, Charles W. H., Winthrop, assignor to S. A. Woods Machine Company, Boston, Mass. Upper-cutter-head sharpener for planing-machines.	858,564	July 2	339	85	129	122
Blood, Charles W. H., Winthrop, assignor to S. A. Woods Machine Company, Boston, Mass. Solid-back cutter-head.	872,890	Dec. 3	1206	257	131	1356
Blood, Charles W. H., and C. G. Osteman, assignors to S. A. Woods Machine Company, Boston, Mass. Work-support for bottom cutter-heads of wood-planers.	873,657	Dec. 10	2745	582	131	1644
Blood, Charles W. H., and C. G. Osteman, assignors to S. A. Woods Machine Company, Boston, Mass. Knife-jointer for the bottom cutter-heads of wood-planers.	874,355	Dec. 17	4200	884-5	131	1908
Blood, Ira A., Methuen, Mass., assignor to U. S. Bobbin and Shuttle Co., Providence, R. I. Spool gluing and assembling machine.	842,169	Jan. 29	4792	1023	126	1369
Blood, Ira A., Methuen, Mass., assignor to U. S. Bobbin and Shuttle Co., Incorporated, Providence, R. I. Bobbin-notching machine.	862,535	Aug. 6	739	197-8	129	2313
Blood, Henry S., Bottineau, N. D. Stovepipe-joint.	873,658	Dec. 10	2747	582	131	1645
Blood, Henry S., Bottineau, N. D. Stovepipe-joint.	873,659	Dec. 10	2749	583	131	1645
Blood, William H., Jr., Wellesley, Mass. Electric igniter.	849,593	Apr. 9	1944	398	127	2119
Blood, William H., Jr., Wellesley, Mass. Pipe-cap.	867,236	Oct. 1	12	4	130	1321
Blood, William H., Jr., Wellesley, Mass. Pipe-cap.	871,667	Nov. 19	3168	785	131	886
Bloom, Edward, assignor of one-half to H. Aronsohn, Paterson, N. J. Cloth-finishing device for looms.	844,848	Feb. 19	4251	906	126	2922
Bloom, Nicklas H., Nashua, Iowa. Riding attachment for agricultural implements.	853,574	May 14	2420	504	128	654
Bloom, Nicklas H., Nashua, Iowa. Fertilizer-distributor.	858,698	July 2	582	151-2	129	201
Bloom, William O., Worcester, Mass. Tooth-brush.	846,900	Mar. 12	2389	525	127	637
Bloomberg, Caspar. (See Reznicek, Anton, assignor.)						
Bloomberg, Caspar, New York, N. Y. Garter-band.	851,219	Apr. 23	5028	1058	127	2978
Bloomberg, Caspar, New York, N. Y. Belt end.	873,982	Dec. 17	3406	726	131	1785
Bloomer, John J., Rahway, N. J. Shade-roller mounting.	858,056	June 25	5143	1089	128	3098
Bloomfield, Sigmund, et al. (See Sokal, Edward, assignor.)						
Bloomington, Frank, Voorheesville, N. Y. Dumping-wagon.	864,768	Sept. 3	5	2	130	4
Blount, Walter E., Washington, D. C. Station mail-bag catcher.	869,132	Oct. 22	3016	833	130	2308
Blout, Charles E. (See Barber, William J., assignor.)						
Blow, George P., La Salle, Ill. Battery connection.	873,660	Dec. 10	2749	583	131	1645
Blowers, Alonzo S., Portland, Ind. Reinforcing buckle-strap.	855,750	June 4	599	123	128	1850
Bloxam, Hugh C. L., assignor to South African Maganite Explosives Syndicate Limited, Cape Town, Cape Colony. Manufacture of explosives.	853,056	May 7	1399		128	356
Bloxham, Frederic W., Grundy Center, Iowa. Chain-tightener.	865,352	Sept. 10	923	264	130	308
Blubaugh, Burner Company. (See Blubaugh, Leegora A., assignor.)						
Blubaugh, Leegora A., San Fernando, assignor to Blubaugh Burner Company, Los Angeles, Cal. Oil-burner.	855,688	June 4	469	99	128	1815
Blue, Elijah A., Burket, Ind. Milk-pail support.	870,613	Nov. 12	1161	316	131	411
Blue, Jesse J., Montpelier, Ohio. Carrier-handle for baskets and crates.	842,296	Jan. 29	5054	1078	126	1433
Blue, John Q., and G. H. Marquardt, South Haven, Kans. Motor-plow carriage.	861,081	July 23	4268	1170-1	129	1501
Blue, John Q., and G. H. Marquardt, South Haven, Kans. Plow-carriage.	861,202	July 23	4446	1219	129	1561
Bluebaum, Gottlieb S., Billings, Mo. Power transmission.	853,154	May 7	1565	325	128	395
Blumel, Gustave, Denver, Colo. Time computer and recorder.	844,708	Feb. 19	3959	840-1	126	2845
Bluhm, Charles A., Michigan City, Ind. Trolley.	859,867	July 9	2383	649-50	129	823
Bluhm, Charles A., Michigan City, Ind. Third rail.	859,868	July 9	2385	650	129	824
Blum, Henry, New York, N. Y. Automatic-dispensing soda-water apparatus.	865,322	Oct. 15	1743	491-2	130	1887
Blum, Henry, New York, N. Y. Coin-controlled mechanism.	865,398	Oct. 15	1866	523	130	1924
Blum, Isaac, assignor to Alma Manufacturing Company of Baltimore City, Baltimore, Md. Buckle.	843,434	Feb. 5	1177	247	126	2086
Blum, Isaac, assignor to Alma Manufacturing Company of Baltimore City, Baltimore, Md. Buckle.	850,875	Apr. 16	4354	912	127	2773
Blum, Isaac, assignor to Alma Manufacturing Company of Baltimore City, Baltimore, Md. Buckle.	871,981	Nov. 26	3868	936	131	1020
Blum, John G., Toledo, Ohio. Charging-truck for annealing-furnaces.	850,012	Apr. 30	6658	1386	127	3420
Blum, Jules R., Paris, France. Suction device for dust-removing pneumatic machines.	860,780	July 23	3805	1043	129	1351
Blum, Jules R., assignor to Company "L'Aspirator," Paris, France. Filtering device for dust-removing pneumatic machines.	853,914	May 14	3140	642	128	836
Blum, Jules R., assignor to Company "L'Aspirator," Paris, France. Machine for removing dust by suction from carpets, furniture, curtains, tapestry, &c.	859,281	July 9	1491	398	129	534

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Blum, Jules R., assignor to Company "L'Aspirator," Paris, France. Regulating device for dust-removing pneumatic machines.	869,544	Oct. 29	3680	1008	130	2541
Blumberg, Moses, St. Louis, Mo. Display-box.	848,431	Mar. 26	5450	1188	127	1461
Blume, Charles A. and I. D., assignors to Auto Fence Machine Company, Farmland, Ind. Wire-fence machine.	850,617	Apr. 16	3845	803-5	127	2643
Blume, Ira D. (See Blume, Charles A. and I. D.)						
Blume, William. (See Fitzgerald, Jeremiah C., assignor.)						
Blumenkamp, Gerhardt F. (See Bledsoe and Blumenkamp.)						
Blumer, Jacob, Peekskill, N. Y. Manufacturing yeast.	855,276	May 28	5848		128	1592
Blumer, James, New York, N. Y. Molding-machine.	853,861	May 14	3018	620	128	805
Blumer-Kunz, Jean F., Engi, Switzerland. Shuttle-check for power-looms.	849,967	Apr. 9	2618	545	127	2290
Blumhard, Charles A., <i>et al.</i> (See Prideaux, Lewis, assignor.)						
Bluntach, Alexander J., assignor of three-fourths to M. A. Huffman, C. D. Bonner, and A. H. Reed, Winona, Minn. Ink-well.	873,983	Dec. 17	3407	726	131	1786
Bluthenthal, Herbert C., Pine Bluff, Ark. Shoe-polisher.	863,693	Aug. 20	2496	689	129	2925
Bly, Curtis, Ticonderoga, N. Y. Street-sweeping machine.	858,946	July 2	989	257-8	129	339
Blye, Harry C. (See Hull, Joseph V., assignor.)						
Blythe, James H., Denver, Colo. Attachment for party-line telephones.	868,594	Oct. 15	2182	609	130	2027
Boak, Theodore A. (See Morgan, Jesse, assignor.)						
Boal, Ayres, Chicago, Ill. Seal-lock.	851,644	Apr. 30	5896	1232	127	3226
Boals, William J. O. (See Olson and Boals.)						
Boardman, Arthur E., Warrington, England. Cooling-frame for soap or other material.	855,088	May 28	5498	1140	128	1503
Boardman, Frederick E., West Somerville, Mass., assignor of one-half to J. J. Jung, Brooklyn, N. Y. Amusement apparatus.	853,155	May 7	1566	326	128	396
Boardman, Ralph H., New Britain, Conn. Automatic fire-sprinkler.	867,004	Sept. 24	3452	978	130	1178
Boarman, John M. (See Shaw, William C., assignor.)						
Boatman, John J. P., Blaine, Wash. Gearing.	867,103	Sept. 24	3609	1024	130	1223
Boatright, James A. (See Holmes and Boatright.)						
Boaz, Emery H., Benbrook, Tex. Wrench.	867,005	Sept. 24	3453	978	130	1179
Bob, Godfrey. (See Curry, James, assignor.)						
Bobbitt, Frank A., Uniontown, Kans. Extension-ladder.	857,785	June 25	4557	964	128	2949
Bobrick, Gabriel A., Los Angeles, Cal. Compressed-fluid charging and discharging device.	867,942	Oct. 15	1147	316	130	1706
Bobrick, Gabriel A., Los Angeles, Cal. Compressed-fluid charging and discharging device.	873,984	Dec. 17	3410	727	131	1786
Boch, Philipp, New York, N. Y. Brush for bottle-washing machines.	856,191	June 4	1427	302	128	2051
Bock, Gottlob O., Lebanon, Kans. Carpet-stretcher.	863,049	Aug. 13	1519	412	129	2587
Bock, Richard W., Chicago, Ill. Hat-holder.	873,490	Dec. 10	2424	509-10	131	1589
Bock, William E., assignor to Toledo Glass Company, Toledo, Ohio. Machine for shaping glass.	852,097	Apr. 30	6840	1427-8	127	347
Bock, William E., assignor to Toledo Glass Company, Toledo, Ohio. Shaping glass articles.	852,098	Apr. 30	6842	1428	127	347
Bock, William E., assignor to Toledo Glass Company, Toledo, Ohio. Mold for glass-shaping machines.	852,099	Apr. 30	6844	1428	127	3467
Bock, William E., assignor to Toledo Glass Company, Toledo, Ohio. Fire-polishing machine.	854,793	May 28	4867	1010	128	1340
Bock, William E., assignor to Toledo Glass Company, Toledo, Ohio. Machine for gathering and shaping glass.	870,664	Nov. 12	1253	340-3	131	442
Bock, William J., Loomis, Cal. Mail-bag catcher.	846,390	Mar. 5	1330	293	127	335
Bock, William O., <i>et al.</i> (See Goble, James F. S., assignor.)						
Bocquet, Fernand E., Paris, France. Skeleton for pipes, reservoirs and the like of strengthened cement and concrete.	840,293	Jan. 1	1007	220	126	271
Bode, Alfred, and K. Böttcher, Benrath, Germany. Floating crane and the like.	840,684	Jan. 8	1791	395-4	126	501
Bode, Alfred, and K. Böttcher, Benrath, near Düsseldorf, Germany. Floating crane.	863,898	Aug. 20	2817	773	129	3027
Bode, Emil A., Philadelphia, Pa. Caster.	851,396	Apr. 23	5388	1129	127	3069
Bode, Joseph, assignor to J. W. Ivory, Philadelphia, Pa. Dental-tool handle.	852,159	Apr. 30	6958	1453	127	3496
Bode, Joseph, assignor to J. W. Ivory, Philadelphia, Pa. Dentimeter.	855,875	June 4	839	174	128	1906
Bodell, Allen W., Wilmette, Ill. Dish-washing machine.	852,866	May 7	1021	211-12	128	260
Boden, Charles G., St. Louis, Mo. Binder.	842,851	Feb. 5	9	2	126	1789
Boden, George, Watertown, assignor to Oakville Company, Waterbury, Conn. Paper-fastener.	843,128	Feb. 5	594	126	126	1946
Boden, George, assignor of one-half to J. H. Bronson, Waterbury, Conn. Automatic sprinkler-closer.	843,556	Feb. 5	1452	306-7	126	2154
Bodenstab, Theodolinde, <i>et al.</i> , executors. (See Iich, Edward and M.)						
Bodenstein, Albert, assignor to T. A. Stoll, Trenton, N. J. Spring-seat.	846,085	Mar. 5	756	157	127	193
Bodge, William, Brooklyn, N. Y. Filter.	843,991	Feb. 12	2200	483	126	2392
Bodine, Harry E., assignor to United States Sample Book Company, Philadelphia, Pa. Strip-applying machine.	852,761	May 7	775	153-4	128	201
Bodley, Homer D., Stanley, N. Y. Insulator.	872,216	Nov. 26	4364	1039	131	1098
Bodsworth, George, Sheffield, England. Heating and annealing furnace.	843,574	Feb. 12	1491	315-16	126	2199
Bodvig, Oscar O., Ward county, N. D., assignor to Indiana Manufacturing Company, Indianapolis, Ind. Pneumatic straw-stacker.	840,603	Jan. 8	1656	363-4	126	468
Boe, Oscar J., Balfour, N. D. Draft-equalizer.	849,364	Apr. 9	1491	303	127	2003
Boeck, William A., South Omaha, Nebr. Block-molding machine.	849,197	Apr. 2	1182	239	127	1891
Boeckmann, Paul von. (See Posthoff, Fritz, assignor.)						
Boehl, Ferdinand J., Spokane, Wash. Window-screen.	872,891	Dec. 3	1209	257	131	1356
Boehler, Frank J., Republic, Ohio. Weather-strip.	844,656	Feb. 19	3854	817	126	2819
Boehm, Herman, Youngstown, Ohio. Incandescent lamp.	870,341	Nov. 5	744	200	131	245
Boehm, Samuel, Paterson, N. J. Apparatus whereby to produce designs.	862,438	Aug. 6	558	149	129	2263
Boehm, Valera, West Bridgewater, Pa. Washer.	847,155	Mar. 12	2856	680	127	752
Boehm, Walter M., Iowa City, Iowa. Calculating-machine.	870,009	Nov. 5	215	57-8	131	77
Boehner, William, assignor of one-half to J. Ahlberg, Chicago, Ill. Loose-leaf ledger.	874,919	Dec. 24	5360	1120-1	131	2124
Boehringer, Charles E., Carterville, Ill. Railway safety device.	872,605	Dec. 3	600	126	131	1261
Boekel, Julius, Philadelphia, Pa. Aspirator.	857,920	June 25	4829	1024	128	3016
Boenker, Henry H., St. Charles, Mo. Grain-door.	869,412	Oct. 29	3469	953	130	2477
Boenning, William M., <i>et al.</i> , executors. (See Jenkins, Lancaster Z.)						
Boenche, Paul, London, England. Insulating lacquer and material.	842,615	Jan. 29	5758		126	1617
Boerner, Henry. (See Madole and Boerner.)						
Boesch, Edward F., assignor of three-eighths to W. A. Borgschulze and one-fourth to E. Seuffer, Evansville, Ind. Covered box-crate.	847,978	Mar. 19	4573	1004	127	1204
Boesen, William J., Orange, N. J. Lamp-shade.	867,871	Oct. 8	994	283	130	1636
Boetcher, Charles, <i>et al.</i> (See Pfleger, Anton J., assignor.)						
Boeters, Oskar. (See Wolfenstein and Boeters.)						
Bogard, David B., Carterville, Ill. Rail-joint.	843,557	Feb. 5	1454	307	126	2155
Bogard, David B., and E. Beasley, Carterville, Ill. Top-buggy.	866,569	Sept. 17	2774	775-6	130	929
Bogart, Charles H., Los Angeles, Cal. Round-seam expander for making sheet-metal water-pipe.	862,439	Aug. 6	559	149	129	2263

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Bogart, Frank, Jr. (See Brown, John H., assignor.)						
Bogart, Frank A., San Jose, Cal. Shingling-gage attachment for hatchets	853,198	May 7	1647	343	128	416
Bogart, Fred H., assignor to Hartford Automobile Parts Co., Hartford, Conn. Universal-joint casing	867,551	Oct. 1	491	141	130	1466
Bogel, Josef, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Lifter	844,239	Feb. 12	2741	585	126	2513
Bögelmann, Hermann, Crefeld, Germany. Tedding-machine	859,042	July 2	1138	304	129	387
Bogen, Louis E., Cincinnati, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Method of and means for controlling electric motors	865,822	Sept. 10	1682	467	130	557
Bogenschild, Hermann, Berlin, Germany. Dust-removing apparatus	867,906	Sept. 24	3454	978	130	1179
Bogey, Joseph. (See Weinat and Bogey.)						
Bogie, Patrick J., and M. C. Anderson, Washburn, Wis. Sawmill set-works	873,012	Dec. 10	1481	328	131	1430
Bognar, Gabriel, and A. Toth, Perth Amboy, N. J. Composition of matter for use as paving material	845,508	Feb. 26	5546		126	3286
Bogy, William S. (See Pearson, James H., assignor.)						
Bohan, William J., St. Paul, Minn. Electric-lighting system for railway-cars	854,072	May 21	3476	717	128	959
Bohannon, Charley R. (See Carr and Bohannon.)						
Bohannon, David E., assignor to World Advertising Company, San Francisco, Cal. Advertising device	861,798	July 30	5414	1491-2	129	1896
Böhm, Ernest, London, England. Light-transmitting and light-diffusing object	847,395	Mar. 19	3361	736	127	906
Böhm, Ernest, London, England. Producing light-transmitting objects	847,396	Mar. 19	3362	736	127	906
Böhm, Ludwig K., Jersey City, N. J. Making paper-pulp from straw	875,315	Dec. 31	6147		131	2276
Böhm, Otto, Berlin, Germany. Automatic engaging and disengaging device for dynamo and storage batteries	840,685	Jan. 8	1792	396	126	501
Böhme, Bruno, Dresden, Germany. Cutting-machine	859,195	July 9	1364	361	129	490
Bohmert, William R., Larchmont, N. Y. Billing device	860,439	July 16	3259	891	129	1140
Bohn, Friedrich, and F. Bundgens, Kiel, Germany. Means for removing powder-gases from gun-barrels	864,152	Aug. 27	3200	886	129	3170
Bohn, Joseph. (See Moore, Charles H., assignor.)						
Bohn, René, Mannheim, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Making an anthracene dye	844,914	Feb. 19	4366		126	2948
Bohn, René, Mannheim, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Anthracene dye and making same	868,399	Oct. 15	1866		130	1924
Bohn, William, Allegheny, Pa. Wrench	864,604	Aug. 27	3930	1089	129	3400
Bohrer, Godfrey E., South Bend, Wash. Pipe and bolt cutting machine	852,762	May 7	777	154	128	202
Bohri, Frank G. (See Palmer, Jefferson, assignor.)						
Bohrssen, Conrad, Gross Muzel, near Wunstorf, Germany. Plow	852,996	May 7	1287	268-9	128	327
Boice, Augustin. (See Schuman, James B., assignor.)						
Boice, Augustin. (See Wheeler, James F., assignor.)						
Boileau, James W., Detroit, Mich. Grinding-mill and pulverizer	864,444	Aug. 27	3638	1011-12	129	3310
Boileau, James W., assignor of one-half to J. B. Knoblock, Denver, Colo. Treating ores	853,575	May 14	2422	504	128	654
Boileau, James W., assignor of one-half to J. B. Knoblock, Denver, Colo. Apparatus for treating ore	866,570	Sept. 17	2774	776	130	929
Boileau, James W., assignor of one-half to J. T. Belanger and J. L. Cochrane, Detroit, and E. O. Spaulding, Caro, Mich. Grinding-mill and pulverizer	875,143	Dec. 31	5810	1213	131	2223
Boilers and Engineering Company. (See Del Mar, Harry, assignor.)						
Boisard, Louis, Lyon, France. Cutter for straight, helicoidal, and conical gear-teeth	867,342	Oct. 1	175	51-2	130	1365
Boismaure, Alfred A., New York, N. Y., assignor to Boismaure Oscillating Jewelry Company. Jewel-mounting	852,922	May 7	1138	235	128	290
Boismaure, Alfred A., New York, N. Y., assignor to Boismaure Oscillating Jewelry Company. Jewel-mounting	858,057	June 25	5145	1089	128	3093
Boismaure Oscillating Jewelry Company. (See Boismaure, Alfred A., assignor.)						
Boissonneault, Gedeon, and T. Boucher, Manchester, N. H. Holder for filling-carriers	844,318	Feb. 19	2936	625	126	2600
Boisseau, Sterling, Richmond, Va. Punch	852,215	Apr. 30	7067	1476	127	3525
Boissier, Herman R., Great Neck, N. Y. Electroplating apparatus	843,321	Feb. 5	991	203	126	2040
Boisvert, William R., St. David de Levis, Quebec, Canada. Bed-spring	874,048	Dec. 17	3548	755	131	1806
Boivin, Guillaume. (See Tye, Boivin, and Benjamin.)						
Bök, Nils S., Stockholm, Sweden. Centrifugal separator	841,370	Jan. 15	3186	686-7	126	899
Bokay, Charles, New York, N. Y. Box for powder	875,497	Dec. 31	6501	1356	131	2335
Boland, Francis P., Providence, R. I. Positive-pressure blower	863,832	Aug. 20	2709	747	129	2993
Boland, John V., St. Louis, Mo. Chimney	844,297	Feb. 12	2875	611-12	126	2546
Boland, John V., St. Louis, Mo. Mold	844,298	Feb. 12	2877	612	126	2547
Bold, George, Plainfield, N. J. Air-ship	853,760	May 14	2816	578-9	128	757
Bölderl, Dominik, Oakland, Cal. Miner's prospecting-tool	874,730	Dec. 24	4975	1045	131	2064
Boldt, Ernest. (See Burmeister and Boldt.)						
Boleg, Friedrich, Cannstatt, assignor to Gesellschaft zur Verwertung der Boleg'schen Wasserlöslichen Mineralöle und Kohlenwasserstoffe, Gesellschaft mit Beschränkter Haftung, Berlin, Germany. Preparation of water-soluble hydrocarbon derivatives	850,898	Apr. 23	4412		127	2827
Bolens, Harry W., Port Washington, Wis. Chair-iron	847,979	Mar. 19	4574	1005	127	1204
Boles Friction Fastener Company. (See Boles, Warren H., assignor.)						
Boles, Warren H., assignor to Boles Friction Fastener Company, Newark, N. J. Pin-and-socket fastener	867,943	Oct. 15	1149	316-17	130	1707
Boles, Warren H., New York, N. Y., assignor, by mesne assignments, to Boles Friction Fastener Company, Newark, N. J. Separable carpet-fastener	868,070	Oct. 15	1356	379	130	1770
Boley, Wilhelm, and P. Pfeiderer, Esslingen, Germany. Vise	849,968	Apr. 9	2620	545	127	2902
Bolger, Thomas P., assignor to Success Manufacturing Company, Gloucester, Mass. Ash-sifter	872,640	Dec. 3	675	141	131	1274
Bolin, Nathan C., Decker, Tex. Cotton-thinner	848,878	Apr. 2	570	114	1.7	1735
Bolinger, George, Neodesha, Kans. Car-mover	863,694	Aug. 20	2497	689	129	2925
Bolinski, Herman J. (See Thomas and Bolinski.)						
Bollée, Leon, Le Mans, France. Carbureter	868,251	Oct. 15	1612	456-7	130	1848
Bollée, Léon, Le Mans, France. Carbureter	871,320	Nov. 19	2462	636-7	131	774
Boller, William P., Byron, Wis. Attachment for potato-planters	866,710	Sept. 24	2996	850	130	1026
Bolles, William, Toledo, Ohio. Fountain-pen	870,538	Nov. 12	1046	286	131	369
Bollin, Herman. (See Burgard, Jacob L., assignor.)						
Bollinger, Alexander M., Leechburg, Pa. Boy's wagon	844,319	Feb. 19	2937	626	126	2604
Bölling, Friedrich, assignor of one-half to Chemisch-Electrische Fabrik Prometheus G. M. B. H., Frankfurt-on-the-Main, Germany. Production of electric resistance bodies	864,723	Aug. 27	4111		129	3457
Bollwahn, William, Sharon, Wis. Gripping-tool	863,899	Aug. 20	2818	774	129	3028
Bollwahn, William, Sharon, Wis. Nut-lock	866,616	Sept. 24	2852	804	130	986
Bollwahn, William, Sharon, Wis. Vehicle-pole attachment	866,617	Sept. 24	2853	804	130	986
Bolt, Emilio F., Copenhagen, Denmark. Obtaining medicine from carrots	857,224	June 18	3467		128	2645
Boltan, Isaac, Hot Springs, Ark. Eyeglass-mounting	870,079	Nov. 5	321	90	131	107
Bolton, Herbert D., assignor to Elliott-Fisher Company, New York, N. Y. Manifold-ing mechanism	856,333	June 11	1749	362-4	128	2170
Bolton, Horace N., Paterson, N. J. Watch-guard	867,694	Oct. 8	708	198	130	1594

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Bolton, James, and J. Weiss, Chicago, Ill. Sewing-machine.	842,934	Feb. 5	189	43	126	1830
Bolton, James M., assignor of one-half to B. P. Turner, Washington, D. C. Block-molding machine.	866,571	Sept. 17	2777	776-7	130	930
Bolton, John B., New Bedford, assignor to Draper Company, Hopedale, Mass. Dobby mechanism for leno-weaving.	861,945	July 30	5628	1559-60	129	1963
Bolton, Newton H., and J. Belisle, Minneapolis, Minn. Brick-molding machine.	855,382	May 28	6026	1257-8	128	1636
Bolton, Paul F., Toronto, Ontario, Canada. Apparatus for securing the component parts of compound lumber together.	850,338	Apr. 16	3310	689	127	2508
Boltz, Harry W., Lebanon, Pa. Combination-tool.	864,153	Aug. 27	3201	886-7	129	3171
Boltz, Jacob W., Topeka, Kans. Dry-pan crusher.	852,160	Apr. 30	6959	1453	127	3496
Boltz, Solomon H., Philadelphia, Pa. Railway-car coupling.	858,787	July 2	736	193-4	129	253
Bolus, William G., Peoria, Ill. Seeding device.	870,488	Nov. 5	967	265	131	314
Boman, Anna E., Fargo, N. D. Rail-joint.	841,482	Jan. 15	3397	733	126	953
Boman, Claes W., assignor to Eagle Pencil Company, New York, N. Y. Pencil.	863,258	Aug. 13	1870	504	129	2697
Bommer, Joseph. (See Liessem and Bommer.)						
Bomsdorf, Ernst von, Breslau, Germany. Orienting device.	865,675	Sept. 10	1432	406	130	467
Bonar, James L., Mountsboro, Va. Paper-hanger's support.	846,976	Mar. 12	2529	558	127	673
Bonar, Lewis J. (See Roe and Bonar.)						
Bonathan, David E., Lake Linden, Mich. Combined dish and drip pan.	855,089	May 28	5499	1140	128	1503
Bond, Alexander R. (See Walker and Bond.)						
Bond, Alfred T., Rexburg, Idaho. Musical instrument.	856,939	June 11	2905	609	128	2460
Bond, Charles O., and C. C. Tutwiler, assignors to United Gas Improvement Company, Philadelphia, Pa. Means for ascertaining the temperature of illuminating-gas in mains.	867,907	Oct. 8	1055	299	130	1655
Bond, Eaton D., Mercer, Penn. Horse hay-rake.	848,532	Mar. 26	5624	1231	127	1504
Bond, Ida M., Forest Hill, N. J. Corset and corset-waist.	874,886	Dec. 24	4272	900	131	1951
Bond, Isaac M., Tacoma, Va. Track-spreading signal.	857,436	June 18	3862	821	128	2742
Bond, Joseph E., Maywood, Ill. Brickmaking-machine.	874,482	Dec. 24	4448	939-40	131	1982
Bond, Samuel C. (See Fulenwider and Bond.)						
Bond, Samuel C., Wilmington, Del. Machine for punching.	865,857	Sept. 10	1733	483	130	574
Bond, Tom, Sr., Dallas, Tex. Third seat for vehicles.	861,428	July 30	4841	1328	129	1722
Bond, William A., Lynnfield, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Lasting-machine.	867,469	Oct. 1	357	103-4	130	1424
Bond, William G. (See Fulenwider and Bond.)						
Bonenberger, George, assignor to Handy Scaffold Co., Evansville, Ind. Scaffold.	847,275	Mar. 12	3102	683	127	812
Bonenberger, George, assignor to Handy Scaffold Co., Evansville, Ind. Scaffold or trestle.	865,858	Sept. 10	1735	483	130	574
Bonesteel, Arthur E., Denver, Colo. Syringe.	872,217	Nov. 26	4365	1040	131	1099
Bonifils, Charles A., and H. G. Bradt, Denver, Colo. Producing a combined line and half-tone printing-plate.	842,297	Jan. 29	5055	1078-9	126	1433
Bonham, Walter R., Chicago, Ill., assignor of two-fifths to A. J. Schram, Lake Geneva, Wis. Calculating-machine.	845,747	Mar. 5	30	7	127	11
Böninger, Melchior, assignor to Corporation of Chemical Works formerly Sandoz, Basel, Switzerland. Azo dye and making same.	841,371	Jan. 15	3188		126	900
Bonis, Paul A., assignor of one-third to S. Lampro, New York, N. Y. Rail-clamp.	808,400	Oct. 15	1867	523	130	1924
Bonnafoons, Albert P., New Orleans, La. Station-indicator and advertiser.	869,133	Oct. 22	3018	833-4	130	2309
Bonnard, Gustave R. (See Beynon and Mackillop, assignors.)						
Bonnell, William R., Elizabeth, N. J. Trap.	859,540	July 9	1883	506	129	663
Bonner, Benjamin B., Rowlett, Tex., and T. W. Bonner, Lebanon, Tenn. Rail-splice.	859,910	July 16	2454	668	129	878
Bonner, Cornelia D., et al. (See Bluntach Alexander J., assignor.)						
Bonner, Douglas E., Chicago, Ill. Curtain-fixture.	867,569	Oct. 8	528	151	130	1494
Bonner, Douglas E., Chicago, Ill. Curtain-fixture.	868,759	Oct. 22	2454	679	130	2134
Bonner, Horace E. (See Gamel, Willis, and Bonner.)						
Bonner, Thomas W. (See Bonner, Benjamin B. and T. W.)						
Bonner, Zeddie M., Valdosta, Ga. Wheel-brace.	867,237	Oct. 1	14	4	130	1321
Bonnert, Charles C., assignor of one-half to J. I. Vogeler, Baltimore, Md. Advertising device.	870,525	Nov. 5	1024	279	131	303
Bonnet, Ernest, assignor to Mermod Frères, St. Croix, Switzerland. Globe-closure for electric-arc lamps.	855,926	June 4	945	195	128	1932
Bonnin, Alfred O. (See Roch and Bonnin.)						
Bonny, Howard R., Brooklyn, assignor of one-half to R. L. Pritchard, New York, N. Y. Preparing vegetable fibers.	855,751	June 4	601	123	128	1850
Bonom, Alfred, New York, N. Y. Steam-turbine.	848,432	Mar. 26	5451	1188	127	1462
Bonowitz, Jacob. (See Dantzic and Bonowitz.)						
Bonsall, Seymour W., New York, N. Y. Knockdown wardrobe.	852,699	May 7	660	128-9	128	173
Bonshire, Jacob, Peru, Kans., and J. M. Stafford, Petersburg, Ind. Mold for glass caskets, bath-tubs, or similar articles.	875,567	Dec. 31	6624	1386	131	2357
Bonte, Hans, assignor to Firm of Vereinigte Maschinenfabrik Augsburg und Maschinenbaugesellschaft Nürnberg, A.-G., Nuremberg, Germany. Mixing device for combustion-engines.	862,130	Aug. 6	16	5	129	2085
Bontempi, Augusto, New York, N. Y. Sculpturing-machine.	871,668	Nov. 19	3171	786-7	131	886
Bontenakels, Peter, Düsseldorf, Germany. Groove-cutting machine.	843,322	Feb. 5	993	204	126	2041
Bonus, George Y., Chicago, Ill. Power system.	854,980	May 28	5242	1092	128	1438
Bonus, George Y., Chicago, Ill. Superheating-boiler.	871,201	Nov. 19	2187	581	131	732
Bonus, William, Orient, Iowa. Carriage for harvesters.	853,674	May 14	2624	545	128	707
Bonvillian, Philibert, Paris, France. Apparatus for making pattern-plates.	843,066	Feb. 5	443	96	126	1905
Bonvillian, Philibert, and E. Ronceray, Paris, France. Molding-machine.	867,104	Sept. 24	3611	1024	130	1224
Bonwell, Charles E. (See Hershman and Bonwell.)						
Bonwell, William H., Brookville, Ind. Quilting apparatus.	862,604	Aug. 6	853	228	129	2348
Bonzano, Maximilian F., Goshen, Va. Metallic cross-tie.	844,774	Feb. 19	4106	876	126	2884
Boocock, Edward H., West Vale, near Halifax, and J. Sutcliffe, Cow Green, Halifax, England. Bobbin broach or creel-pin.	847,638	Mar. 19	3866	845	127	1037
Boof, Michael, Strassburg, Germany. Reamer.	840,744	Jan. 8	1925	423	126	535
Booker, Harris. (See Pila and Booker.)						
Bookman, Thomas T., and J. M. Butler, Blaney, S. C. Axle-skein.	862,605	Aug. 6	855	228	129	2349
Boole, Frank A., and L. D. Stephenson, Blaine, Wash. Car.	844,915	Feb. 19	4366	933	126	2948
Boon, Horace J., Hartford, Conn., assignor to Veeder Manufacturing Company. Supporting-bracket for odometers, &c.	853,339	May 14	1980	409	128	542
Boone, Charles H., et al. (See Hoerichs, Edward, assignor.)						
Boone, George M., Baltimore, Md. Apparatus for determining heights of liquids in receptacles.	865,229	Sept. 3	713	203	130	215
Boone, Jesse E., Almedia, Pa. Automatic time-call.	866,327	Sept. 17	2440	681	130	824
Boone, Mark P., assignor to Peru Common Battery Lock-Out Telephone Company, Peru Ind. Party-line lock-out.	845,328	Feb. 26	5192	1102	126	3198
Boone, Samuel W., Almedia, Pa. Power-drill.	860,628	July 23	3569	979	129	1277
Boone, Thomas R., Rochester, N. Y. Folding partition.	856,217	June 11	1490	314	128	2105
Boos, August, assignor of one-tenth to F. M. Ashley, New York, N. Y. Time-stamp.	852,818	May 7	909	186-7	128	232

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Boos, August, assignor, by mesne assignments, of one-tenth to E. Lutzer, New York, N. Y. Checking, registering, and recording mechanism	868,625	Oct. 15	2236	620-1	130	2042
Boos, Louis F. (See Dearing, David M., assignor.)						
Boos, Wilhelm, Erlangen, Germany. Driving-gear for cycles	839,979	Jan. 1	356	78	126	97
Booth, Alba C., Burlington, Vt. Bottle-cap puller	847,892	Mar. 19	4397	965	127	1162
Booth, Alice E., Logansport, Ind. Work-holder	856,022	June 4	1112	231	128	1976
Booth, Benjamin F., Indianola, Iowa. Stock-watering trough	847,893	Mar. 19	4398	965	127	1162
Booth, Charles H., Boise, Idaho. Tool-head-attaching key or wedge	857,863	June 25	4711	1000	128	2987
Booth, Charles W., Milwaukee, Wis. Brake-shoe	849,722	Apr. 9	2169	446	127	2175
Booth, Charles W., Milwaukee, and C. Gaspar, Fond du Lac, Wis. Lifting-jack	857,225	June 18	3467	732	128	2645
Booth, Clarence H., Detroit, Mich. Bath-tub-leg fastening	846,977	Mar. 12	2531	558	127	673
Booth, Glen R., Chana, Ill. Lifting-jack	867,786	Oct. 8	845	241	130	1593
Booth, Hiram E., Salt Lake City, Utah. Telephone-receiver	871,470	Nov. 19	2792	702	131	823
Booth, Irving E., et al. (See Flynt, Louis W. G., assignor.)						
Booth, Levis M. (See Suro and Booth.)						
Booth, Quentin W., et al. (See Flynt, Louis W. G., assignor.)						
Booth, Thomas, Boise, Idaho. Scraper	857,226	June 18	3469	732	128	2645
Booth, Thomas, Boise, Idaho. Nut-lock	857,227	June 18	3471	732	128	2646
Booth, Thomas, Boise, Idaho. Spike	870,813	Nov. 12	1507	411	131	323
Booth, Thomas B. (See Haubroe, Lars C., assignor.)						
Booth, Thomas C., New York, N. Y. Closure for bottles and the like	848,152	Mar. 26	4894	1068	127	1322
Booth, Ulysses S., Portland, Oreg., assignor to Champion Blower & Forge Company, Lancaster, Pa. Drill-bit holder	857,151	June 18	3329	702	128	2609
Booth, William, assignor of one-half to E. H. Loeser, Denver, Colo. Combination-tool	862,049	July 30	5760	1600	129	2004
Booton, Chauncey H., Gallipolis, assignor to Main Automatic Mailing Machine Company, Columbus, Ohio. Label-affixing machine	869,545	Oct. 29	3680	1009-10	130	2541
Booz, William C., Vanburen, Ind. Portable derrick	867,695	Oct. 8	709	198	130	1350
Booze, George A., Straight Creek, Ky. Fodder-cutter	850,727	Apr. 16	4065	850	127	2698
Bopp, Clinton L., Hawkeye, Iowa, assignor of one-fourth to J. Beal, Whittier, Cal. Induction-coil	844,240	Feb. 12	2743	585	126	2513
Boppel, Jacob. (See Jacob and Boppel.)						
Boquist, John A., Minneapolis, Minn. Automatic street-railway switch	855,090	May 28	5500	1141	128	1503
Boreck, Julius, Altena, Germany. Crucible-furnace	852,867	May 7	1024	212	128	261
Borchardt, Martha, New York, N. Y. Toy	844,577	Feb. 19	3714	780	126	2784
Borchert, Charles, et al. (See Lauber, William, assignor.)						
Borchert, William, assignor of one-half to R. Kirman, Reno, Nev. Drill-chuck	844,091	Feb. 12	2437	521	126	2434
Borcke-Stargardt, Magdalene, Stargardt, near Regenwalde, Germany. Night-stand	858,788	July 2	737	194	129	253
Bordeau, William, Hubbell, Mich. Spice-bar	863,502	Aug. 13	2215	598	129	2806
Borden, Bradford, assignor to Borden Company, Warren, Ohio. Adjustable die-stock	855,752	June 4	603	123-4	128	1850
Borden, Bradford, assignor to Borden Company, Warren, Ohio. Adjustable die-stock	865,157	Sept. 3	595	167	130	181
Borden, Bradford, assignor to Borden Company, Warren, Ohio. Taper-thread-cutting tool	875,043	Dec. 31	5621	1173	131	2191
Borden, Bradford, and W. A. Neracher, assignors to Borden Company, Warren, Ohio. Thread-cutting tool	862,876	Aug. 13	1273	345	129	2509
Borden Company. (See Borden, Bradford, assignor.)						
Borden Company. (See Borden and Neracher, assignors.)						
Borden, Mary S., New York, N. Y. Toilet cream	853,436	May 14	2147	.....	128	583
Borden, William E., Hillsboro, Ohio. Churn	869,876	Nov. 5	9	2	131	983
Borden, Rebecca, Everett, Pa. Vehicle-axle	844,916	Feb. 19	4368	933	126	2945
Borden, U. Grant, et al. (See Spicer, Thomas J., assignor.)						
Borders, William A. (See Kloetzer and Borders.)						
Bordignon, Victor, Paris, France. Apparatus for the automatic destruction of fecal matter and purification of residual liquids	853,217	May 14	1720	357	128	467
Boren, James L., Carterville, Ill. Safety appliance for elevators	870,411	Nov. 5	860	229	131	283
Borgel, Charles F. (See French, Harry C., assignor.)						
Borgerding, Herman H. (See Tuell and Borgerding.)						
Borgschulze, William A., et al. (See Boesche, Edward F., assignor.)						
Borgström, Arthur H., Hangö, Russia. Manufacture of butter	870,217	Nov. 5	546	.....	131	179
Boring, Frank M., assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Manifold account-book	864,506	Aug. 27	3735	1040	129	3344
Borland, Franklin D., McKeesport, Pa., assignor of three-fourths to J. F. Nacey, A. R. Bryce, and L. N. Morgan. Oil-can	875,316	Dec. 31	6148	1287	131	2276
Born, George L., A. Guttman, G. T. Anderson, and F. C. Vetting, Manitowoc, Wis. Folding shipping and display box or receptacle	862,606	Aug. 6	856	229	129	2349
Born, Harry, Halensee, near Berlin, Germany. Paper-fastener	850,899	Apr. 23	4413	923	127	2827
Born, Henry, Lakewood township, Cuyahoga county, Ohio. Grinding-machine	863,530	Aug. 13	1997	538	129	2739
Bornand, Joseph, Pelham, and B. Thoens, New York, N. Y. Phonograph	873,013	Dec. 10	1483	308-9	131	1431
Borneman, Andrew G. (See Borneman, Henry, assignor.)						
Borneman, Henry, Paterson, N. J. Ear-muff attachment for hats	849,102	Apr. 2	983	199	127	1839
Borneman, Henry, Paterson, assignor to A. G. Borneman, Athenia, N. J. Jar-holder	854,686	May 21	4624	904	128	1249
Bornhoeft, Edward, New York, N. Y. Piano pedal-action	847,639	Mar. 19	3868	845	127	1037
Bornhorn, Paul. (See Courtney and Bornhorn.)						
Bornmann, Carl, New Haven, Conn., assignor to Anthony & Scovill Company, Binghamton, N. Y. Winding-key for film-cameras and roll-holders	842,825	Jan. 29	6203	1310	126	1725
Borsch, John L., Philadelphia, Pa. Combined paper weight, knife-rest, and optical device	874,049	Dec. 17	3549	756	131	1807
Borsen, Bernhard I., Garnett, Mont. Combined wrench, threading-die, and pipe-cutter	853,761	May 14	2820	579-80	128	758
Borst, Frank A., assignor to Ideal Concrete Machinery Company, South Bend, Ind. Rocking mechanism for building blocks and bricks	848,626	Apr. 2	14	4	127	1588
Borst, Frank A., assignor to Ideal Concrete Machinery Company, South Bend, Ind. Dividing-plate for block-molds	850,206	Apr. 16	3066	643	127	2440
Borst, Frank A., assignor to Ideal Concrete Machinery Company, South Bend, Ind. Concrete-mixer	853,623	May 14	2531	524-5	128	683
Borsum, Louis. (See Holst and Borsum.)						
Borsum, Louis, Plainfield, N. J. Photographic camera	858,145	June 25	5319	1130-1	128	3142
Borsum, Louis, Plainfield, N. J. Photographic focal-plane shutter	858,146	June 25	5321	1131	128	3142
Borsum, Louis, Plainfield, N. J. Photographic camera	867,238	Oct. 1	15	4-5	130	1321
Borton, Stockton, Providence, R. I., assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Seam	844,320	Feb. 19	2939	626	126	2600
Bortzner, Johann. (See Schwarz and Bortzner.)						
Bosau, Charles J., et al. (See Owings, George R., assignor.)						
Bosche, John W., assignor of one-half to I. F. Cragin, Buffalo, N. Y. Fastening device	845,748	Mar. 5	34	7	127	12
Bosel, Albert C., Henderson, Minn. Umbrella	868,071	Oct. 15	1357	380	130	1770
Bosenbury, Joseph M., Decatur, Ill., assignor to St. Louis Car Company, St. Louis, Mo. Ratchet brake mechanism	855,876	June 4	840	174	128	1906
Bosley, Daniel O. (See Wallace and Bosley.)						
Bosley, Elijah M., St. Louis, Mo. Sectional boiler	859,593	July 9	1975	532-3	129	693

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Bosley, Elijah M., St. Louis, Mo. Sectional boiler.....	872,495	Dec. 3	374	78	131	1226
Bosley, Lee W. (See Wallace and Bosley.)						
Boss, John C., Elkhart, Ind. Apparatus for drying bricks.....	867,872	Oct. 8	995	283	130	1636
Boss, Martin P., San Francisco, Cal. Stamp-mill stamp-head.....	847,397	Mar. 19	3363	736	127	906
Boss Washing Machine Company. (See Sweet, Warren, assignor.)						
Bossart, Xaver, assignor to American Silk Thread Finishing Co., Paterson, N. J. Silk-thread-finishing machine.....	873,491	Dec. 10	2425	510	131	1589
Bosserman, Arch A. (See Garrison and Bosserman.)						
Bossert, Albert T., assignor of one-half to W. B. Doddridge, Kansas City, Mo. Regulat- ing-valve for lighting-tanks.....	870,526	Nov. 5	1024	279	131	330
Bossert, Leon W., Utica, N. Y. Branch conduit-box for electric wires.....	854,020	May 21	3352	688	128	928
Bossert, Leon W., Utica, N. Y. Junction or outlet box.....	854,195	May 21	3724	771	128	1023
Bossert, Leon W., Utica, N. Y. Outlet-box.....	858,699	July 2	585	152	129	203
Bossert, Leon W., Utica, N. Y. Outlet-box.....	858,700	July 2	586	153	129	203
Bossert, Leon W., Utica, N. Y. Sectional gang-box for push-button switches.....	859,363	July 9	1633	435	129	583
Bossert, William F., Utica, N. Y. Railway-buffer.....	844,092	Feb. 12	2439	521-2	126	2434
Bossert, William F., Utica, N. Y. Insulated rail-joint.....	846,901	Mar. 12	2390	525	127	637
Bossert, William F., Utica, N. Y. Combined tie-plate and guard-rail clamp.....	871,909	Nov. 26	2688	899-900	131	996
Bosshard, Albert, Zurich, Switzerland. Cloth-cutting machine.....	867,944	Oct. 15	1151	317	130	1707
Bosshard, Oskar. (See Gut, Jakob, assignor.)						
Bosshardt, Edwin, Cologne, assignor of one-half to H. Garda, Leipzig, Germany. Smelting-furnace.....	855,927	June 4	945	196	128	1932
Bossing, Louis. (See Perry Bossing and Farmer.)						
Bosso, Paul, Scranton, Pa. Apparatus for cleaning and polishing hats.....	868,323	Oct. 15	1744	492	130	1887
Bossuet, Emile M., Paris, France. Mixed whalebone for bodices.....	848,433	Mar. 26	5454	1188	127	1462
Bostell, Harry, Dusseldorf-Obercassel, Germany. Calender-roller.....	867,908	Oct. 8	1056	299	130	1655
Bostian, Charles P. and H. C., assignors of one-third to H. R. Frick, Milton, Pa. Trol- ley-wheel.....	870,080	Nov. 5	321	90	131	107
Bostian, Homer C. (See Bostian, Charles P. and H. C.)						
Bostley, Augustus H., South Williamsport, assignor of two-thirds to G. H. Young, Wil- liamsport, and B. F. Auchmutz, South Williamsport, Pa. Valve.....	870,342	Nov. 5	744	200	131	245
Bostock, William F., Brockton, Mass. Boot and shoe heel.....	867,909	Oct. 8	1057	299	130	1655
Boston Auto Gage Company. (See Martin, Morris, assignor.) (Reissue.)						
Boston Automatic Fire Alarm Company. (See Bowen, George H., assignor.)						
Boston Automatic Fire Alarm Company. (See Wall and Derby, assignors.)						
Boston Crude Oil Burner Co. (See Jackson, Benjamin F., assignor.)						
Boston, George, Chicago, Ill. Tobacco-pipe.....	845,847	Mar. 5	223	46	127	58
Boston Machine Works Company. (See Dunn, George F., assignor.)						
Boston Machine Works Company. (See Slocum, Benjamin A., assignor.)						
Boston Telephone Selector Company. (See Mayberry, Frank E., assignor.)						
Boston Wire Stitcher Company. (See Briggs, Thomas A., assignor.)						
Bostrom, Axel G. (See Holmes and Bostrom.)						
Bostrom, John M. (See Holmes and Bostrom.)						
Bostwick, Arthur J., Eau Claire, Wis. Stake-holder.....	844,775	Feb. 19	4108	876	126	2885
Bostwick, Edwin G., Kalamazoo, Mich. Piston-rod packing.....	848,533	Mar. 26	7627	1232	127	1504
Bostwick, Walter E., Algonac, Mich. Jar-closure.....	847,640	Mar. 19	3868	845	127	1037
Boswell, Arthur, Philadelphia, Pa. Game-board.....	843,992	Feb. 12	2262	483	126	2393
Boswell, Elias W., Darlington, S. C. Vehicle-pole tip.....	846,902	Mar. 12	2392	526	127	638
Boswell, George G. F., Lawrence, Ind. Form for cisterns, sewers, and the like.....	859,043	July 2	1139	304	129	387
Boswell, George G. F., Lawrence, Ind. Form for sewers and the like.....	870,269	Nov. 5	618	166	131	202
Boswell, George H., Albany, Ga. Air-brake mechanism.....	858,645	July 2	502	129-30	129	175
Boswell, Robert A. (See Walter, Harry E., assignor.)						
Boswell, Robert A., Washington, D. C. Sound-conveying tube for talking-machines.....	859,165	July 2	1314	349-50	129	442
Boswell, William C., assignor to Ross-Meehan Foundry Company, Chattanooga, Tenn. Guard-rail clamp.....	860,010	July 16	2625	714	129	933
Boswell, William C., assignor to Ross-Meehan Foundry Company, Chattanooga, Tenn. Guard-rail and clamp.....	860,520	July 16	3371	927	129	1178
Bot, William H., Jr., Ghent, Minn. Boiler-flue fastening.....	859,733	July 9	2181	590	129	758
Bothwell, Henry R. (See Newman and Bothwell.)						
Bothwell, Jay W., Denver, Colo. Making and applying decorative paint colors to arti- cles and materials.....	846,774	Mar. 12	2121	.....	127	570
Botkin, Adin S., Muir, Ky. Tobacco-rack.....	860,278	July 16	3009	823	129	1059
Botkin, Henry L., Pawhuska, Okla. Ter., assignor of one-half to J. N. Coulter, Fairfield, Ill. Rail-joint.....	866,572	Sept. 17	2779	777	130	931
Botkowski, Boris, assignor to De La Vergne Machine Company, New York, N. Y. Ig- niting means for explosive-engines.....	867,696	Oct. 8	710	199	130	1550
Botsford, Charles S. (See Elliot, Adam S., assignor.)						
Botsford, Charles S., Peterboro, Ontario, Canada. Display-stand.....	853,762	May 14	2821	580	128	758
Botsford, Charles S., Peterboro, Ontario, Canada. Cloth-measuring machine.....	864,070	Aug. 20	3057	845-6	129	3098
Bott, Andrew W. (See Christensen, Bott, and Wilbur.)						
Böttcher, Karl. (See Bode and Böttcher.)						
Bottenfield, William T., Nelson, Nebr. Washing-machine.....	873,833	Dec. 17	3129	666	131	1737
Bottger, Albert C., assignor of one-half to F. W. Howorth, Wilkes-Barre, Pa. Feed- water strainer for locomotives.....	851,914	Apr. 30	6440	1344	127	3748
Böttcher, Ernst, Kiel, Germany. Water-tube marine boiler.....	851,858	Apr. 30	6336	1321-2	127	3061
Botting, Clark T., Watertown, N. Y. Safety-stop for shade-rollers.....	871,858	Nov. 26	3585	878	131	980
Bottle, Edward K., New York, assignor to Carter-Crume Company, Limited, Niagara Falls, N. Y. Triplicate manifold sales-book.....	846,002	Mar. 5	577	121	127	343
Bottler, Charles, assignor to Kunstfäden Gesellschaft mit Beschränkter Haftung, Jülich, Germany. Manufacture of artificial silk filaments from nitrocellulose.....	866,768	Sept. 24	3098	.....	130	1068
Bottlers Machinery Manufacturing Company. (See Bastian, Charles L., assignor.)						
Bottlers Machinery Manufacturing Company. (See Strasburger, Frank C. H., assignor.)						
Bottomley, John T. (See Gentry and Bottomley.)						
Bottomley, James F. (See Fullagar and Bottomley.)						
Bottomley, John W., Leeds, England. Plastic brick or like molding-machine.....	845,329	Feb. 26	5195	1102	126	3199
Botts, Winfield J., Havre de Grace, Md. Check-row and hill marker.....	874,827	Dec. 24	5138	1082-3	131	2095
Bouchard, Jean B., North Grosvenor Dale, Conn. Pallet-setting implement.....	848,084	Mar. 26	4788	1044	127	1296
Bouché, William F. (See Lord and Bouché.)						
Bouché, Will F., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Shaft-oscillator.....	870,539	Nov. 12	1047	286	131	369
Bouché, Will F., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Elec- tric Manufacturing Company. Shaft-oscillator.....	872,641	Dec. 3	676	141	131	1274
Bouché, William F., Norwood, Ohio, assignor to Bullock Electric Manufacturing Com- pany. Mechanical shaft-oscillator.....	869,825	Oct. 29	4121	1138	130	2671
Boucher, Arthur L., assignor to New York Cigarette Machine Company, New York, N. Y. Die for printing cigarettes.....	869,877	Nov. 5	9	3	131	5

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Boucher, Arthur L., assignor to New York Cigarette Machine Company, New York, N. Y. Cigarette-tipping machine.....	873,014	Dec. 10	1484	309-10	131	1418
Boucher, Joseph L., assignor of one-half to J. Compton, Chico, Cal. Barber's heater.....	848,627	Apr. 2	15	4	127	1583
Boucher, Leon J. B., Bourges, France. Locking nut and bolt.....	862,797	Aug. 6	1136	307	129	2430
Boucher, Theophile. (See Boissonneault and Boucher.)						
Boudreaux, Alphonse Z., Berwick, La. Adjustable clothes-line support.....	862,700	Aug. 6	992	265	129	2389
Boudreaux, John D., Patterson, La. Twine-holder.....	843,435	Feb. 5	1178	248	126	2086
Boudreaux, Leandre, Thibodaux, La. Nut-lock.....	847,641	Mar. 19	3869	845	127	1038
Boudreaux, Leandre, assignor of one-half to J. A. Naquin, Thibodaux, La. Rail-joint.....	851,645	Apr. 30	5899	1233	127	3226
Boudreaux, Louis, and L. Verdet, Paris, France. Fluid-pressure motor.....	860,125	July 16	2784	759-60	129	985
Boudreaux, Louis, and L. Verdet, Paris, France. Explosive-engine.....	863,142	Aug. 13	1867	452-3	129	2641
Bougher, Howard M., <i>et al.</i> (See Hall, Frederick W., assignor.)						
Bougher, James S., assignor of one-half to S. Hirsh, Pittsburg, Pa. Clothes-drier.....	857,714	June 25	4421	934	128	2916
Boughton, Judson H., New York, N. Y. Variable-speed transmission mechanism.....	846,182	Mar. 5	935	198	127	237
Boughton, William G., Cleveland, assignor to F. Hoeft, Clifton Park, Ohio. Sad-iron handle.....	865,328	Sept. 3	873	251	130	265
Boulanger, Andrew, Los Angeles, Cal. Power-transmission device.....	874,563	Dec. 24	4635	973	131	2008
Boulding, George R., Wells, Nev. Buck-rake hay-fork.....	871,055	Nov. 12	1884	516	131	639
Boullier, Joseph A. E. H., Paris, France. Producing mantles for incandescent gas-lighting.....	844,849	Feb. 19	4252		126	2922
Bouma, Jacob, assignor of one-half to S. B. Selhorst, The Hague, Netherlands. Manufacturing a sugarless food product.....	855,928	June 4	946		128	1932
Bouquet, Joseph. (See Conversy, Joseph, assignor.)						
Bour, John, Sedalia, Mo. Mail-crane.....	865,292	Sept. 3	809	233-4	130	244
Bourgeois, Henri, Damprichard, France. Portable electric measuring instrument.....	850,129	Apr. 16	2924	610	127	2403
Bourgeois, John A. (See Bourgeois, Joseph A. and J. A.)						
Bourgeois, Joseph A. and J. A., assignors of one-third to W. H. Whittenburg, Algiers, La. Car-door.....	845,509	Feb. 26	5547	1175-6	126	3286
Bourke, John W., New York, N. Y. Amusement device.....	870,489	Nov. 5	869	265	131	314
Bourn, Augustus O., Bristol, R. I. Rubber sandal.....	875,144	Dec. 31	5811	1213	131	2223
Bourne, James D., Stuttgart, Ark. Uncoiling device for wire.....	856,761	June 11	2597	533	128	2387
Bourne, James D., Stuttgart, Ark. Wire-twisting device.....	860,722	July 23	3710	1016	129	1321
Bourne, John E., Somerville, Ohio. Oil-dispensing tank.....	842,517	Jan. 29	5561	1176	126	1568
Bourne, John E., and O. W. Stevens, Somerville, Ohio; said Stevens assignor to said B. Bourne. Pneumatic water-elevator.....	867,470	Oct. 1	361	104	130	1424
Bourne, Philip, New York, N. Y. Automatic alarm.....	844,241	Feb. 12	2745	585	126	2514
Bourne, William S., Afton, Iowa. Stock-loader.....	852,314	Apr. 30	7235	1519	127	3564
Bourque, Wilfrid, Sherbrooke, Quebec, Canada. Storm-window fastener.....	873,834	Dec. 17	3130	666	131	1737
Bourret, Harry W., Dissmore, N. D. Draft-equalizer.....	849,526	Apr. 9	1822	370	127	2089
Bousek, Edmund, executor. (See Esser, Christian.)						
Boust, William H., Audubon, Iowa. Firearm.....	849,198	Apr. 2	1184	239-40	127	1891
Bouton, Samuel, Lynn, assignor of one-half to A. B. Black, Concord, Mass. Circuit making and breaking device.....	852,414	May 7	7	2-3	128	4
Bouveau, Louis, and G. Blanc, Paris, France. Alcohol and obtaining the same from carboxylic compounds.....	868,252	Oct. 15	1613		130	1849
Bouvier, George E. and J. N. Proulx, Woonsocket, R. I. Gearing.....	846,086	Mar. 5	757	157	127	193
Bovaird & Company. (See Crawford, William, assignor.)						
Bovard, Mary J., Oil City, Pa. Skirt-measuring device.....	874,158	Dec. 17	3806	802	131	1842
Bovee, David W., Waterloo, Iowa. Constructing composite or concrete walls.....	842,068	Jan. 22	4562	980	126	1276
Bowden-Hammond, Margery, Eldorado Springs, Mo. Umbrella.....	875,498	Dec. 31	6502	1356	131	2335
Bowden-Smith, Edward C., Brockenhurst, England. Razor-stropping machine.....	853,958	May 21	3245	666	128	901
Bowditch, John F., Boston, Mass. Brush.....	840,106	Jan. 1	627	136	126	166
Bowdoin, Harry L., New York, N. Y. Theatrical apparatus.....	854,265	May 21	3849	795	128	1055
Bowe, James H., New York, N. Y. Device for checking the sale of cigars.....	869,477	Oct. 29	3575	980	130	2509
Bowen, Carl R., Fordyce, Ark. Railway construction.....	875,499	Dec. 31	6503	1357	131	2336
Bowen, Clarence M., Bowens, Md. Cultivator.....	847,398	Mar. 19	3363	737	127	906
Bowen, Edward A. (See Ellis and Bowen.)						
Bowen, Frank, Purdy, Mo. Baling-press.....	870,010	Nov. 5	219	58-9	131	78
Bowen, Frank E. W., London, England. Explosive.....	857,580	June 25	4162		128	2848
Bowen, George H., assignor to Boston Automatic Fire Alarm Company, Boston, Mass. Signaling system.....	856,511	June 11	2109	433-4	128	2262
Bowen, Henry A., Shelburne Falls, Mass. Paper-box-topping machine.....	840,901	Jan. 8	2230	491	126	610
Bowen, John L. (See Jewett and Bowen.)						
Bowen, Joshua, Silverton, Oreg. Fire-escape.....	864,405	Aug. 27	3568	991-2	129	3286
Bowen, Leander P., Auburn, N. Y. Shoe-rack.....	872,047	Nov. 26	4028	966	131	1043
Bowen, Marion. (See Garland, Proudfoot, and Bowen.)						
Bowen, Nelson A., Erie, Pa. Detachable temple for spectacles.....	850,130	Apr. 16	2925	611	127	2404
Bowen, Ralph W., Washington, D. C., assignor to F. H. Wheelock, District of Columbia. Portable water-heater.....	864,760	Aug. 27	4160	1155	129	3470
Bowen, Robert S., Newton Center, and F. H. White, South Easton, assignors to Chickering & Sons, Boston, Mass. Piano-action.....	851,646	Apr. 30	5900	1233	127	3227
Bowen, Russell H. (See Brinley and Bowen.)						
Bowen, Russell H., Palmyra, N. J., assignor to American Pulley Company, Philadelphia, Pa. Pulley-casing.....	848,802	Apr. 2	375	75	127	1684
Bowen, Russell H., Palmyra, N. J., assignor to American Pulley Company, Philadelphia, Pa. Wheel.....	849,199	Apr. 2	1185	240	127	1891
Bower, Adolphus L., Lima, Ohio. Antisiphon-trap.....	874,930	Dec. 31	5383	1125	131	2153
Bower, Clarence E., Denver, Colo. Baling-press.....	854,454	May 21	4202	870	128	1146
Bower, Clarence E., Newton, Iowa, and H. W. Bower, Olney, Ill. Bale-tying mechanism for baling-presses.....	873,835	Dec. 17	3131	666-8	131	1738
Bower, Daniel, <i>et al.</i> (See Crain, Zardia, assignor.)						
Bower, Harry A., Boston, Mass. Bass-drum and cymbal beater.....	846,391	Mar. 5	1332	293-4	127	336
Bower, Harry A., Boston, Mass. Tuning device for timpani.....	874,050	Dec. 17	3550	756	131	1807
Bower, Howard W. (See Bower, Clarence E. and H. W.)						
Bower, Jacob O. (See Durning, Joseph S., assignor.)						
Bower, Robert L., Blandburg, Pa. Railway-tie.....	855,277	May 28	5849	1219	128	1592
Bowerfind, Edward J., assignor to Lion Fence Co., Adrian, Mich. Fence-tie.....	868,635	Oct. 22	2259	626	130	2075
Bowerman, William J., Detroit, Mich. Disinfecting apparatus.....	862,304	Aug. 6	331	92	129	2186
Bowers, Albert A., New York, N. Y. Clutch for pencil-holders, &c.....	864,825	Sept. 3	92	26	130	30
Bowers, Andrew, Stroud, Okla. Ter. Fence-post.....	843,436	Feb. 5	1179	248	126	2087
Bowers, Bose B., Macon, Ga. Truck.....	849,527	Apr. 9	1823	370	127	2089
Bowers, Byron, Canon, Ga. Cotton-seed culler.....	872,218	Nov. 26	4366	1040	131	1099
Bowers, Fred M. (See Orange and Bowers.)						
Bowers, Fredson E., New Haven, Conn. Spare-tire holder.....	872,892	Dec. 3	1210	257	131	1356
Bowers, Fredson E., assignor to F. E. Bowers Co., New Haven, Conn. Carbureter for gasoline-engines.....	850,339	Apr. 16	3314	690	127	2509

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Bowers, Fredson E., assignor to F. E. Bowers Co., New Haven, Conn. Carbureter.....	860,848	July 23	3893	1068	129	1382
Bowers, James, Caldwell, N. J. Valve.....	851,220	Apr. 23	5029	1059	127	2978
Bowers, James, Caldwell, N. J. Wire-clamp.....	856,512	June 11	2116	434	128	2264
Bowers, John C., Boston, Mass. Hermetically-sealed receptacle.....	867,239	Oct. 1	16	5	130	1322
Bowers, Wilder P., Chicago, Ill. Display device for cigar-boxes.....	874,294	Dec. 17	4087	861	131	1888
Bowersox, George F., Portland, Ind. Fish decoy or lure.....	843,256	Feb. 5	865	176	126	2014
Bowes, John F., North Adams, Mass. Ventilator.....	856,762	June 11	2598	533	128	2387
Bowes, Sidney S., et al. (See Vinton, John H., assignor.)						
Bowey, John, Jr., London, Ontario, Canada. Chemical-solution elevator for use in water-purifiers.....	842,518	Jan. 29	5562	1176	126	1569
Bowker, William H. (See Tytler and Bowker.)						
Bowland, Homer H., Chicago, Ill. Canopy-bracket.....	865,230	Sept. 3	715	203	130	216
Bowler, Giles, Cavendish, assignor of two-thirds to J. A. Walker and J. Bigley, Peck, Idaho. Clippers.....	847,980	Mar. 19	4576	1005	127	1205
Bowler, Noadiah P., Cleveland, Ohio. Overshoe.....	858,565	July 2	341	85	129	122
Bowles, Herbert B., et al. (See Smith, James M., assignor.)						
Bowles, John D., and G. H. Kammerich, assignors of one-third to R. F. Bane, Tipton, Mo. Apparatus for extracting gas from gasoline.....	853,915	May 14	3141	642-3	128	836
Bowling, Katherine D., Berwyn, Md. Bedstead.....	859,911	July 16	2455	668	129	878
Bowlus, Charles J. (See Broome and Bowlus.)						
Bowly, Franklin H., assignor of three-fourths to F. L. Wellman, W. W. Gooch, and W. G. Demarest, New York, N. Y. Apparatus for producing alcohol.....	866,426	Sept. 17	2578	729	130	869
Bowman, Aaron P., Pontiac, Mich. Drop-body vehicle.....	863,585	Aug. 20	2347	640-1	129	2875
Bowman, Charles H., and C. B. McIntosh, Lodi, Wis. Bail for cooking utensils.....	843,863	Feb. 12	2017	433	126	2332
Bowman, Eli, Arlington, Ohio. Wire-splicer.....	852,216	Apr. 30	7069	1477	127	3525
Bowman, Francis H., Pittsfield, Mass., assignor to Stanley-G. I. Electric Manufacturing Company. Curve-drawing instrument.....	841,222	Jan. 15	2881	627	126	820
Bowman, Francis H., Pittsfield, Mass., assignor to Stanley-G. I. Electric Manufacturing Company. Maximum-demand indicator.....	856,441	June 11	1993	410	128	2234
Bowman, Frank P., Bridgewater, Va. Harrow.....	864,288	Aug. 27	3400	945-6	129	3234
Bowman, G. C., et al. (See Kolla, John P., assignor.)						
Bowman, Grant J. (See Wing, Augustus M., assignor.)						
Bowman, Homer C., Los Angeles, assignor to F. Stebler and A. A. Gamble, Riverside, Cal. Fruit-bin.....	845,330	Feb. 26	5198	1103	126	3200
Bowman, Jacob F., Artesia, N. Mex. Ter. Means for attaching rails to metallic ties.....	846,724	Mar. 12	2013	443	127	542
Bowman, James M., Denison, Tex. Car-replacer.....	857,437	June 18	3864	821	128	2742
Bowman, Lewis H., Los Angeles, Cal. Track-fastening device.....	856,442	June 11	1997	411	128	2235
Bowman, Lucien W., assignor of one-half to J. H. Lewis, Reading, Pa. Electrical blasting-machine.....	848,153	Mar. 26	4896	1068	127	1323
Bowman, Mark K., Montclair, assignor to James Reilly Repair and Supply Company, Jersey City, N. J. Feed-water heater.....	843,791	Feb. 12	1883	404	126	2300
Bowman, Moses J., East Cleveland, Ohio. Extension-table.....	851,859	Apr. 30	6338	1322	127	3341
Bowman, Newton K., North Lawrence, Ohio. Mail-deliverer.....	843,129	Feb. 5	594	126	126	1947
Bowman, Newton K., North Lawrence, Ohio. Mail-receiver.....	857,022	June 18	3083	651	128	2547
Bowman, Wilbur N., Pierre, S. D. Attachment for linotype-machines.....	844,917	Feb. 19	4369	933	126	2949
Bowne, John D., assignor to Slawson-Graham Company, New York, N. Y. Elevator signaling apparatus.....	850,618	Apr. 16	3852	805-6	127	2644
Bowne, John D., assignor of one-half to S. L. Bevan, New York, N. Y. Metallic tie.....	850,876	Apr. 16	4355	912	127	2774
Bowne, John D., assignor of one-half to J. Wallace, New York, N. Y. Key-filing device.....	870,218	Nov. 5	547	147	131	179
Bowne, John D., assignor of one-half to J. W. Slawson, New York, N. Y. Electric damper-regulator.....	872,893	Dec. 3	1211	258	131	1356
Bowne, Walter, Jr., and M. Cronkhite, New York, N. Y. Variable-speed mechanism.....	861,082	July 23	4270	1171-2	129	1501
Bowring, John C., Sydney, New South Wales, Australia. Furnace-grate.....	864,071	Aug. 20	3059	846	129	3099
Bowser, Albert C., assignor of one-fifth to W. F. Koegle and two-thirds to A. G. Rose and C. H. Zimmerman, Sandusky, Ohio. Rotary trimmer.....	875,500	Dec. 31	6504	1357-8	131	2336
Bowser, Samuel W., Junction City, Oreg. Rail-joint.....	856,443	June 11	1999	411	128	2235
Bowser, Sylvanus F., Fort Wayne, Ind. Massage apparatus.....	863,143	Aug. 13	1688	453	129	2641
Bowser, Sylvanus F., Fort Wayne, Ind. Flexible massage device.....	863,144	Aug. 13	1690	453	129	2641
Bowsher, Peter A., assignor to Modern Concrete Machine Company, Terre Haute, Ind. Mold.....	855,091	May 28	5501	1141	128	1503
Bowsman, Harry O., Decatur, assignor of one-half to F. E. Lehman, Indianapolis, Ind. Driving mechanism for bolting-machines.....	843,067	Feb. 5	445	97	126	1905
Bowler, Horace A., Windsor, Ohio. Cross-line buckle.....	857,864	June 25	4712	1000	128	2988
Bowyer, John A. (See Beck and Bowyer.)						
Box, Alfred, Philadelphia, Pa. Mechanical stoker.....	852,763	May 7	779	154	128	202
Box, Thomas W., Plymouth, England. Anti-pig-rooting device.....	849,969	Apr. 9	2621	545	127	2290
Boyajian, John. (See Craddock, Edward S., assignor.)						
Boyce, Daniel, Camden, Pa. Fire apparatus.....	841,108	Jan. 15	2676	585	126	769
Boyce, Josephine, Bigbottle, W. Va. Bottle.....	872,606	Dec. 3	601	127	131	1261
Boyce, Warren E., assignor of seven-twelfths to W. F. Gatewood, Pierce City, and E. P. Lampkin, St. Louis, Mo. Computing-meter.....	875,238	Dec. 31	5993	1249	131	2253
Boyce, William D., and H. Guelts, St. Louis, Mo.; said Guelts assignor to said Boyce. Turbine-wheel.....	873,344	Dec. 10	2162	451	131	1540
Boyd, Alonzo, Indianapolis, Ind. Curb safety-hitch.....	865,757	Sept. 10	1564	440	130	510
Boyd, Benjamin F. (See Long and Boyd.)						
Boyd, Benjamin Y., Chicago, Ill. Electrotherapeutic instrument.....	870,927	Nov. 12	1693	465	131	580
Boyd, Edwin S., Norris City, Ill. Loading, unloading, and transporting apparatus.....	851,155	Apr. 23	4886	1028	127	2944
Boyd, Edwin S., Norris City, Ill. Ditching-machine.....	854,559	May 21	4392	911	128	1192
Boyd, Frederic R. C., Lynn, Mass., assignor to General Electric Company. Elastic-fluid turbine.....	863,777	Aug. 20	2621	725-6	129	2965
Boyd, James. (See Rowbotham, John, assignor.)						
Boyd, James C., New York, N. Y. Electrical contact apparatus.....	842,852	Feb. 5	11	2-3	126	1790
Boyd, James E., Columbus, Ohio. Mechanism for measuring and indicating velocity.....	872,325	Dec. 3	10	2	131	1170
Boyd, John, Malden, Mass. Smoke-preventer.....	854,794	May 28	4868	1011	128	1341
Boyd, John M., Fond du Lac, Wis. Horse hay-fork.....	857,379	June 18	3759	796	128	2717
Boyd, John T., Valdosta, Ga. Scraping attachment for buckets.....	852,256	Apr. 30	7134	1494	127	3541
Boyd, Leander F., Toledo, Ohio. Action for stringed musical instruments.....	857,380	June 18	3761	796	128	2718
Boyd, Perry E., Canton, Ga. Collapsible crate.....	809,134	Oct. 22	3021	834	130	2309
Boyd, Samuel N., Russell, Iowa. Stock-feeding trough.....	843,792	Feb. 12	1885	404	126	2300
Boyd, Thomas, Elgin, Oreg. Baking-pan.....	857,228	June 18	3472	733	128	2646
Boyd, Thomas A., Glasgow, Scotland. Ring and traveler for spinning and analogous machines.....	845,510	Feb. 26	5548	1176	126	3286
Boyd, William, Brighthouse, England. Tapping-machine.....	864,072	Aug. 20	3060	846	129	3099
Boyd, William E., Springfield, Nebr. Pump-rod connection.....	875,408	Dec. 31	6329	1319	131	2305
Boyd, William J. (See Powers and Boyd.)						
Boyden, Benjamin F., Mount Washington, Md., assignor, by mesne assignments, to Forman Belt Company of Pittsburgh, Pa. Belt-buckle.....	867,638	Oct. 8	633	179	130	1527

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Boyden, George A. (See Brown, Hanrahan, and Boyden.) (Reissue.)						
Boye, James H., Chicago, Ill. Commodity cabinet and receptacle	850,515	Apr. 16	3658	764	127	2596
Boye, James H., assignor to Boye Needle Company, Chicago, Ill. Commodity-cabinet	859,196	July 9	1365	362	129	490
Boye, James H., assignor to Boye Needle Company, Chicago, Ill. Sewing-machine attachment	870,219	Nov. 5	548	147	131	180
Boye Needle Company. (See Boye, James H., assignor.)						
Boyer, Allen P., Goshen, Ind. Swing	848,534	Mar. 26	5629	1232	127	1505
Boyer, Allen P., Goshen, Ind. Variable-speed and reversing transmission-gear	872,219	Nov. 26	4367	1040	131	1099
Boyer, Allen P., Goshen, Ind. Transmission-gear	872,220	Nov. 26	4370	1041	131	1100
Boyer, Edith E. L., Dayton, Ohio. Labeling-machine	871,776	Nov. 26	3397	835	131	951
Boyer, Edward B., Peoria, Ill. Pneumatic tool	847,043	Mar. 12	2658	586	127	704
Boyer, George E. (See Thompson and Boyer.)						
Boyer, Isaac H., Muncie, Ind. Steam-boiler furnace	849,103	Apr. 2	983	199-200	127	1840
Boyer, Isaac H., Muncie, Ind. Steam-producer	874,731	Dec. 24	4976	1046-7	131	2064
Boyer, Jerome F., Pittsburg, Pa. Lock for incandescent lamps	844,321	Feb. 19	2941	626	126	2601
Boyer, John. (See Thompson, Henry B., assignor.)						
Boyer, Joseph, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, Chicago, Ill. Pneumatic hammer	866,573	Sept. 17	2780	778	130	931
Boyer, Martin, assignor of two-thirds to E. J. Scofield and T. E. Dybdal, Elbow Lake, Minn. Stirrup	859,480	July 9	1795	482	129	636
Boyer, William, Reynolds Station, Ky. Planter	860,440	July 16	3261	891-2	129	1141
Boyer, William H. (See Patschke and Boyer.)						
Boyers, Albert J., Mount Morris, Pa. Curtain-pole	874,375	Dec. 17	4246	894	131	1915
Boyes, John H., Alba, Mich. Water-heater	868,401	Oct. 15	1868	523	130	1925
Boyes, William H., and E. F. von Wilmowsky, New York, N. Y. System of railways and appliances pertaining thereto	867,007	Sept. 24	3455	978-80	130	1179
Boylan, Mary, New York, N. Y. Garment-fastener	871,025	Nov. 12	1840	503	131	625
Boyle, Eldridge R., and W. B. Upton, Washington, D. C. Reinforced concrete structure	865,231	Sept. 3	715	203	130	216
Boyle, James C., Calgary, Alberta, Canada. Skinning-tool	872,272	Nov. 26	4465	1061	131	1115
Boyle, James M., New York, N. Y., assignor to Monolithic Duct Company. Molding hollow objects from cement	857,581	June 25	4163	882	128	2849
Boyle, James M., New York, N. Y., assignor to Monolithic Duct Company. Apparatus for molding hollow objects from cement	857,582	June 25	4164	882	128	2849
Boyle, James M., New York, N. Y., assignor to Monolithic Duct Company. Core for molding hollow cement objects	857,583	June 25	4166	882	128	2849
Boyle, James M., New York, N. Y., assignor to Monolithic Duct Company. Apparatus for and method of molding hollow objects from cement	857,584	June 25	4167	883	128	2850
Boyle, James M., New York, N. Y., assignor to Monolithic Duct Company. Means for preventing self-sealing of fluid-distended flexible tubes during exhaustion	857,585	June 25	4169	883	128	2850
Boyle, James M., New York, N. Y., assignor to Monolithic Duct Company. Apparatus for continuously making monolithic objects	857,586	June 25	4170	883	128	2850
Boyle, James M., New York, N. Y., assignor to Monolithic Duct Company. Apparatus for continuously making monolithic hollow objects	857,587	June 25	4171	883	128	2851
Boyle, James M., New York, N. Y., assignor to Monolithic Duct Company. Apparatus for and method of continuously making monolithic hollow objects	857,588	June 25	4173	884	128	2851
Boyle, James M., New York, N. Y., assignor to Monolithic Duct Company. Means and method for continuously making tube-lined monolithic hollow objects	857,589	June 25	4175	884	128	2852
Boyle, Walter V., Rockford, Ill. Crate	872,792	Dec. 3	987	204	131	1324
Boyles, James R. (See McKinley, William E., assignor.)						
Boyles, William E., Grafton, W. Va. Rail-tie	847,642	Mar. 19	3870	846	127	1038
Boylston Manufacturing Company. (See Ballard, Harrie A., assignor.)						
Boynton, Earl, Syracuse, assignor of one-half to F. E. Van Dyne, Auburn, N. Y. Hat coat, and umbrella rack	872,107	Nov. 26	4143	991	131	1062
Boynton, Frank L., Washington, D. C. Fastening device for picture-wire	846,775	Mar. 12	2123	466	127	571
Boynton, Michael, Hoboken, N. J. Wrench	850,900	Apr. 23	4414	923	127	2828
Boyton, Paul, St. Louis, Mo. Amusement device	849,970	Apr. 9	2622	546-7	127	2291
Bozard, Harrison B., Allegany, N. Y., assignor to American Seeding Machine Company, Springfield, Ohio. Grain-distributor	844,322	Feb. 19	2942	626-7	126	2601
Brabant, Charles C., Alpena, Mich. Wheel	850,559	Apr. 16	3732	779	127	2615
Brabrook, George H., Taunton, Mass. Producing castings	865,562	Sept. 10	1268		130	41
Braby, Henry, Annandale, near Sydney, New South Wales, Australia. Heating and illuminating burner	853,057	May 7	1400	292	128	356
Brachmann, William P., Newark, N. J. Power-transmitting device or mechanism	858,789	July 2	738	194-5	129	254
Bracken, Howard W., assignor to Draper Company, Hopedale, Mass. Loom-shuttle	851,647	Apr. 30	5903	1233	127	3227
Brackett, Ernest W., assignor to Dean Electric Company, Elyria, Ohio. Electrical switch	845,848	Mar. 5	223	46	127	58
Brackett, Louis M. (See Salisbury and Brackett.)						
Brackstone, Samuel, assignor of three-fourths to F. B. Allen, E. W. Mitchell, Corinth, Miss., and L. H. Harris, St. Louis, Mo. Display-stand	848,718	Apr. 2	195	40	127	1637
Bracy, Edward L., Scotland Neck, assignor to R. H. Wright, Durham, N. C. Packing-machine	843,323	Feb. 5	994	204-5	126	2041
Bradbeer, Frank A., Detroit, Mich. Carbureter	846,903	Mar. 12	2393	526	127	638
Bradbury, Charles H., Boston, Mass. Ice-cream scraper	853,493	May 14	2265	470	128	615
Bradbury, Joseph Y., Somerville, Mass. Battery jar or cell	842,616	Jan. 29	5759	1216	126	1618
Bradbury, Lafayette Z., Summit, S. D. Gable-door	862,961	Aug. 13	1393	379	129	2547
Bradbury, Thomas H., et al. (See Glossop, Gilbert, assignor.) (Reissue.)						
Bradbury, Walter W., Lawrence, assignor to Stanley Company, Boston, Mass. Machine for applying labels	860,629	July 23	3571	979-80	129	1278
Bradbury, William. (See Ludwis and Bradbury.)						
Brader, Julius, Rockdale, Wis. Breach-loading mechanism	861,632	July 30	5150	1413	129	1820
Bradford, Allen N., Sterling, and W. H. Holden, Rock Falls, Ill., assignors to Russell Burdall & Ward Bolt & Nut Company, Port Chester, N. Y. Means for fastening tires to wheel-rims	867,552	Oct. 1	492	141	130	1466
Bradford, Chester, Indianapolis, Ind. Cross-conveyer	849,594	Apr. 9	1947	398-9	127	2119
Bradford, Chester, Indianapolis, Ind. Conveyer	870,614	Nov. 12	1162	316	131	411
Bradford, Chester, Indianapolis, Ind. Elevator-boot	875,145	Dec. 31	5512	1213	131	2223
Bradford, Joseph W., Straws Mill, Tex. Nesting and brooding box	857,921	June 25	4831	1024	128	3016
Bradford, McDuffee, Nocona, Tex. Water-closet attachment	855,614	June 4	330	67	128	1779
Bradford, McDuffee, Nocona, Tex. Gin-saw cleaner	865,232	Sept. 3	717	204	130	216
Bradford, Oscar, et al. (See Curtis, Lewis E., assignor.)						
Bradford, Oscar, Chicago, Ill. Manufacturing concrete blocks and slabs	862,440	Aug. 6	560	150	129	2263
Bradford, Thomas B., New Middleton, Tenn. Breaching device	868,072	Oct. 15	1358	380	130	1770
Bradford, William H., Machias, Me. Pruning-shears	861,495	July 30	4938	1356	129	1751
Bradford, William R., Calumet, Mich. Bench-clamp	869,290	Oct. 29	3267	899	130	2415
Bradley, Albert N., Washington, Ind. Automatic switch	843,575	Feb. 12	1491	316	126	2199
Bradley, Charles S., New York, N. Y. Apparatus for treating gases with liquids and liquids with gases	867,553	Oct. 1	493	142	130	1466

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Bradley, Charles W., assignor to J. Williamson, Chicago, Ill. Combined gas seal and regulator.....	845,749	Mar. 5	36	8	127	12
Bradley, Edson, Tuxedo Park, N. Y., assignor by mesne assignments, to Standard Distilling and Distributing Company. Package for distilled spirits.....	873,710	Dec. 17	2860	608	131	1696
Bradley, Edward E., assignor to Atwood-Morrison Company, Stonington, Conn. Quill-winding machine.....	850,463	Apr. 16	3545	741-2	127	2567
Bradley, Edward F., Tuftnell Park, London, England. Sparking device for internal-combustion engines.....	847,894	Mar. 19	4400	965-6	127	1163
Bradley, Frank B., assignor to Ajax Forge Company, Chicago, Ill. Switch-lock.....	850,207	Apr. 16	3067	643	127	2440
Bradley, George O., Salt Lake City, Utah. Vanner.....	850,415	Apr. 16	3450	723	127	2544
Bradley, Henry W. (See Bickerton, Bradley, and Clerk.)						
Bradley, Herbert E., Hillsboro, N. D. Pneumatic cushion for vehicle-wheels.....	855,929	June 4	947	196	128	1933
Bradley, Jerome, Lancaster, Mass. Blind-fastener.....	857,023	June 18	3085	651	128	2547
Bradley, Louis F., Washington, D. C. Cigar-moistener.....	848,434	Mar. 26	5455	1189	127	1462
Bradley Pulverizer Company. (See Hayward, Josiah P., assignor.)						
Bradley, Richard C. (See Yarbrough and Bradley.)						
Bradley, Royal H., assignor to Kelsey Heating Company, Syracuse, N. Y. Hot-water heater.....	843,793	Feb. 12	1886	405	126	2301
Bradley, W. O., et al. (See Jones, Alva D., assignor.)						
Bradley, William J., Troy, N. Y. Boiler-flue cleaner.....	868,403	Oct. 15	1871	524	130	1925
Bradshaw, Arthur F., Susanville, Cal. Safety-razor.....	860,849	July 23	3896	1068	129	1382
Bradshaw, Charles T., Philadelphia, Pa. Telephone-call meter.....	847,461	Mar. 19	3494	764-5	127	940
Bradshaw, George B., Brooklyn, N. Y. Extracting rubber.....	843,567	Feb. 5	1475	126	126	2160
Bradshaw, John J., Jersey City, N. J. Lifting-jack.....	853,437	May 14	2147	447	128	583
Bradshaw, Walter L., Cambridgeport, assignor, by mesne assignments, to J. E. R. Hayes, Melrose, Mass. Pendant electric fixture.....	857,024	June 18	3086	651	128	2547
Bradshaw, William M. (See Conrad and Bradshaw.)						
Bradshaw, William M., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric motor.....	853,218	May 14	1723	357	128	468
Bradshaw, William M., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Terminal block for electrical apparatus.....	853,219	May 14	1725	357-8	128	468
Bradshaw, William M., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Winding for electromagnets.....	853,340	May 14	1982	409	128	542
Bradstreet, Cecil D., San Francisco, Cal. Wrench.....	850,516	Apr. 16	3659	764	127	2596
Bradt, Chauncey D., Troy, N. Y. Machine for cutting paper, cardboard, or other stock.....	840,553	Jan. 8	1546	341	126	440
Bradt, Eugene F., Detroit, Mich. Method of and apparatus for sinking wells.....	849,043	Apr. 2	859	176	127	1806
Bradt, Horace G. (See Bonfils and Bradt.)						
Bradt, Samuel W., West Sand Lake, assignor of one-half to H. E. Clinton, Troy, N. Y. Folding paste-table and tool-box.....	846,087	Mar. 5	758	157-8	127	193
Bradt, William H., Schenectady, N. Y. Trolley-wheel.....	862,701	Aug. 6	993	265	129	2389
Brady, Francis W., Englewood, N. J. Jacketed engine-cylinder.....	843,068	Feb. 5	446	97	126	1906
Brady, Francis W., Englewood, N. J. Starting device for internal-combustion engines.....	849,324	Apr. 2	1406	282-3	127	1946
Brady, Francis W., Englewood, N. J. Lubricating-oil feed for reciprocating engines.....	849,325	Apr. 2	1408	283	127	1946
Brady, Francis W., Englewood, N. J. Sparking device for internal-combustion engines.....	849,769	Apr. 9	2255	463	127	2198
Brady, Francis W., Englewood, N. J. Valve-gear for internal-combustion engines.....	860,630	July 23	3574	980	129	1279
Brady, Francis W., Englewood, N. J. Spark-plug for explosive-engines.....	868,404	Oct. 15	1872	525	130	1926
Brady, Harry V., Amherst, Nova Scotia, Canada. Steam-boiler.....	872,291	Nov. 26	4503	1069	131	1121
Brady, Hugh D., and C. Gerstenmaier, St. Paul, Minn. Lazy-back.....	846,904	Mar. 12	2395	526	127	638
Brady, James E., assignor to M. A. Brady, Covington, Ky. Valve.....	846,644	Mar. 12	1887	414	127	510
Brady, James H., assignor to himself and D. A. Keller, Louisville, Ky. Wrapping-machine.....	854,021	May 21	3353	689-91	128	921
Brady, James H., assignor of one-half to D. A. Keller, Louisville, Ky. Wrapper cutting and registering apparatus.....	854,022	May 21	3360	691	128	930
Brady, James H., assignor of one-half to D. A. Keller, Louisville, Ky. Wrapping-machine.....	854,023	May 21	3363	692-3	128	931
Brady, John F. (See Cook and Brady.)						
Brady, John F., Providence, R. I. Frame.....	861,253	July 30	4537	1241	129	1622
Brady, Joseph H., Kansas City, Mo. Means for controlling the flow of air.....	848,803	Apr. 2	377	75	127	1685
Brady, Joseph H., Kansas City, Mo. Thermostat.....	872,402	Dec. 3	172	34	131	1195
Brady, Mary A. (See Brady, James E., assignor.)						
Brady, Patrick J. (See Cordrey and Brady.)						
Brady, Philip. (See Rose and Brady.)						
Brady, William. (See Chaytor, Brian T., assignor.)						
Braendle, Edward E., assignor to H. Hohner, New York, N. Y. Accordion.....	869,227	Oct. 29	3164	872	130	2381
Bragg, Arthur, Brooklyn, N. Y. Puzzle.....	843,388	Feb. 5	1099	228	126	2068
Bragg, Arthur, Brooklyn, N. Y. Pleasure-railway.....	862,607	Aug. 6	857	229	129	2349
Bragg, Arthur, Brooklyn, N. Y. Pleasure-railway.....	862,798	Aug. 6	1137	308	129	2430
Bragg, George J., Newark, N. J. Twist-drill.....	867,639	Oct. 8	634	179	130	1528
Bragg, George W., Marietta, Ohio. Crane.....	871,255	Nov. 19	2307	603	131	751
Bragg, Willis N., Davenport, Iowa. Shipping-tag.....	856,218	June 11	1492	314	128	2104
Brahm, August E. (See Holmgren and Brahm.)						
Brahm, Peter, Milwaukee, Wis. Butter-cutting machine.....	850,464	Apr. 16	3538	743	127	2567
Braime, James H. (See Braime, Thomas F. and J. H.)						
Braime, Thomas F. and J. H., Leeds, England. Sliver-can.....	861,254	July 30	4538	1241	129	1622
Braim, Henry R., London, England. Means for covering manholes.....	864,605	Aug. 27	3931	1089-90	129	3401
Braimard, Andrew C. (See Moses, Bertram, assignor.)						
Braime, Bancroft G., New York, N. Y. Puzzle.....	847,545	Mar. 19	3654	805	127	984
Braime, Bancroft G., assignor to Rail Joint Company, New York, N. Y. Rail-joint.....	868,402	Oct. 15	1869	524	130	1925
Braimard, Winfield S., Chicago, Ill. Combined skirt-supporter and waist-retainer.....	840,745	Jan. 8	1926	424	126	535
Bralley, Walter S., Schenectady, N. Y., assignor to General Electric Company. Frequency-changer.....	869,413	Oct. 29	3470	953	130	2477
Braly, John M. (See Lerch, Solomon W., assignor.)						
Braman, Rollo W. (See Braman, Warren L., assignor.)						
Braman, Warren L., Ellington, assignor of one-half to R. W. Braman, Torrington, Conn. Lead-controlling mechanism for steam-engines.....	871,471	Nov. 19	2794	703	131	824
Brambach, Richard, Nordhausen, Germany. Driving device for household-machines.....	845,050	Feb. 26	4629	985	126	3054
Bramberry, Thomas A., Portsmouth, Va. Sand-mill toy.....	857,865	June 25	4713	1000	128	2988
Bramer, Henry, Beaver Dam, Wis. Halter.....	839,980	Jan. 1	357	78	126	97
Bramley-Moore, Swinfen, Bloomsbury, England. Change-speed gearing.....	841,109	Jan. 15	2677	585	126	769
Bramley-Moore, Swinfen, Bloomsbury, London, England. Change-speed gearing.....	850,901	Apr. 23	4416	923	127	2828
Bramley-Moore, Swinfen, London, England. Change-speed gearing.....	863,145	Aug. 13	1691	454	129	2642
Brammer, Robert F. (See Le Favour and Brammer.)						
Bramwell, Balfour. (See Reeves and Bramwell.)						
Brau, Friedrich, and G. van Oordt, Mannheim, Germany. Separating beryllia from alumina and iron.....	854,560	May 21	4394	128	1193	
Branan, James M., Carrollton, Ill. Pumping-jack.....	847,229	Mar. 12	3013	664	127	791

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Branch, Charles J., Philadelphia, Pa. Food-warmer.....	867,008	Sept. 24	3459	980	130	1180
Branch, Edward, Moose Jaw, Saskatchewan, Canada. Wire fence.....	847,462	Mar. 19	3496	765	127	941
Branch, Elza D., Chardon, Ohio. Vehicle-axle.....	850,728	Apr. 16	4066	850	127	2698
Branch, Emmett F., Martinsville, Ind. Non-refillable bottle.....	862,799	Aug. 6	1138	308	129	2431
Branch, Thomas, Otisville, Mich. Fish-ladder.....	841,662	Jan. 22	3743	813	126	1074
Branch, Thomas O., assignor of one-fourth to M. C. Priddy, Little Rock, Ark. Laundry registering device.....	857,590	June 25	4176	884	128	2853
Brand, Achill W., Boise, Idaho. Top for ranges.....	874,295	Dec. 17	4088	861	131	1889
Brand, George P., New York, N. Y. Mechanical musical apparatus.....	847,895	Mar. 19	4401	966	127	1163
Brand, George P., New York, N. Y. Pneumatic player for musical instruments.....	852,161	Apr. 30	6961	1454-5	127	3496
Brand, George P., New York, N. Y. Relief-valve for tension-reservoirs for pneumatic apparatus.....	866,837	Sept. 24	3198	899	130	1099
Brand, George P., New York, N. Y. Pneumatic motor for use in automatic musical players.....	869,414	Oct. 29	3472	954	130	2477
Brand, John S., Fairhaven, Mass., assignor to W. R. Woodward, Brooklyn, N. Y. Means for simultaneously writing a plurality of signatures or inscriptions.....	863,351	Aug. 13	1998	539	129	2739
Brand, Max, New York, N. Y. Apparatus for baking.....	862,234	Aug. 6	202	56-7	129	2146
Brand, Samuel. (See Meigs, Jakobsson, and Brand.)						
Brand, William E., Boston, Mass., assignor to Monoman Typesetter Company, New York, N. Y. Type casting and composing machine.....	862,800	Aug. 6	1138	308-12	129	2431
Brandell, Claus O., Chicago, Ill. Machine for making concrete blocks.....	852,764	May 7	780	155-6	128	203
Brandenburg, Franz, Lendersdorf, Germany. Purifying gas.....	859,427	July 9	1724	459	129	612
Brandenburg, Heinrich, Kempen-on-the-Rhine, Germany. Extracting tin from tin ores.....	859,184	July 2	1342		129	453
Brandenburg, Heinrich, Kempen-on-the-Rhine, Germany. Extracting tin from iron-containing tin products.....	859,594	July 9	1976		129	693
Brandenburgh, George F., Irvington, N. J. Wheel.....	868,405	Oct. 15	1873	525	130	1926
Brandl, Adolf, Munich, Germany. Flying apparatus.....	849,971	Apr. 9	2625	548	127	2291
Brandner, Fritz, Leoben, Austria-Hungary. Sledge.....	861,946	July 30	5629	1560	129	1964
Brandow, Frank W., Pittsfield, Mass. Lock for electric switches.....	854,455	May 21	4203	870	128	1147
Brandram, Andrew G., Southsea, England. Joint for sewer and like pipes.....	852,997	May 7	1289	269	128	327
Brannin, Mark H., Newark, N. J., assignor to General Electric Company. Sealing-in machine.....	870,097	Nov. 12	1959	537	131	662
Brannin, Mark H., Newark, N. J., assignor to General Electric Company. Stem-making machine.....	871,160	Nov. 19	2106	565-6	131	719
Brann, Charles D. (See Blackburn and Brann.)						
Brann, John V., Knoxville, Iowa. Tablet-machine.....	844,093	Feb. 12	2441	522	126	2435
Brann, William F., Des Moines, Iowa. Car-replacer.....	856,192	June 4	1429	302	128	2052
Brannan, John, Fulton, N. Y. Paper-folding attachment for paper-cutting machines.....	840,470	Jan. 8	1373	305	126	399
Brannock, Arthur L., Neosho, Mo. Grain-drier.....	852,765	May 7	784	156	128	203
Brannon, Melvin A., Grand Forks, N. D. Electric water-filter.....	866,618	Sept. 24	2853	805	130	986
Brannon, Thomas J., Pittsburg, Pa. Salt and pepper shaker.....	847,726	Mar. 19	4037	882	127	1079
Branquart, Arthur, <i>et al.</i> (See Houze, Luke, assignor.)						
Branscom, William J. D., Mobile, Ala. Fly-trap.....	859,734	July 9	2181	590	129	759
Brant, Oliver C., Danville, Ill. Bath-tub and sprinkler attachment.....	867,343	Oct. 1	178	52	130	1366
Brantingham, Allen C., Toledo, Ohio. Grain-cleaner.....	873,985	Dec. 17	3412	727	131	1786
Brantley, Thomas, Albany, Ga. Brush.....	846,003	Mar. 5	579	121	127	148
Brantley, Thomas, Albany, Ga. Brush for cotton-gins.....	858,852	July 2	858	223	129	296
Brantly, John R., Athens, Ga. Dress-waist protector.....	850,560	Apr. 16	3733	780	127	2616
Brasch, Richard. (See Lloyd and Brasch.)						
Brasch, Victor M., Mexico, Mexico. Cooking-stove.....	856,023	June 4	1114	231-2	128	1976
Brasher, Philip, New York, N. Y. Protecting objects from wave action.....	843,926	Feb. 12	2146	458	126	2366
Brasier, Henri C., Paris, France. Electrical ignition mechanism for explosion-engines.....	842,617	Jan. 29	5761	1216	126	1618
Brasington, Anna M., Cleveland, Ohio. Combination-undergarment.....	851,796	Apr. 30	6195	1293-4	127	3303
Braskett, Thomas C., assignor to Anderson Computing Scale Company, Anderson, Ind. Computing cheese-cutter.....	856,389	June 11	1891	390	128	2209
Brass, Albert J., New York, N. Y., assignor to International Harvester Company. Corn-picker.....	864,227	Aug. 27	3308	916-17	129	3206
Brass Specialties Company. (See Livingstone, William, assignor.)						
Brassington, Herbert, assignor to C. Cressey and W. C. Keignley, Morecambe, England. Ventilator.....	864,606	Aug. 27	3932	1090	129	3401
Brassington, Jonathan L., Mount Carmel, Pa. Placket-closer.....	855,689	June 4	473	99	128	1817
Brasson, Adelard D., San Francisco, Cal. Gas-pressure regulator.....	872,273	Nov. 26	4467	1061-2	131	1115
Brauchi, Jacob, Hampton, Va. Shutter construction.....	840,820	Jan. 8	2058	455-6	126	567
Braud, Paul, <i>et al.</i> (See Le Boeuf, Paul R., assignor.)						
Brauer, Gerhard, Duisburg-Beeck, and H. Gewecke, Darmstadt, Germany; said Brauer assignor to said Gewecke. Regenerative furnace.....	867,105	Sept. 24	3612	1024-5	130	1224
Brauer, Paul, Wittenberge, Germany. Device for alarm and detecting burglary.....	864,154	Aug. 27	3202	887	129	3171
Braun, August, West Hoboken, N. J. Bobbin-machine.....	860,631	July 23	3576	980-1	129	1280
Braun, Frederick W. (See Beach and Buzzell, assignors.)						
Braun, Jacob, Toledo, Ohio. Rear-end pole-socket.....	860,723	July 23	3711	1016	129	1321
Braun, Reiner, Glen Ullin, N. D. Belt-holder.....	865,075	Sept. 3	493	136	130	150
Braun & Sons, John. (See Fleming, John, assignor.)						
Braun, Wilhelm, Feuerbach, near Stuttgart, Germany. Desiccating material.....	848,960	Apr. 2	706	142	127	1768
Braun, Wilhelm, Feuerbach, near Stuttgart, assignor to Firm of Saponia Werke Ferdinand Boehm, Offenbach-on-the-Main, Germany. Manufacture of a cleaning and protecting material for metals.....	862,305	Aug. 6	332		129	2186
Braun, William. (See Braun, William F. and W.)						
Braun, William F., Muskegon, Mich., and W. Braun, Brooklyn, N. Y. Automatic weighing-machine.....	844,440	Feb. 19	3164	680-3	126	2657
Braunersreuther, Alfred. (See Wiegand and Braunersreuther.)						
Braunfeldt, Edward, Brooklyn, N. Y. Closure for milk and cream bottles or jars.....	865,076	Sept. 3	494	136	130	150
Bräuninger, Emil. (See Rudolphi and Bräuninger.)						
Braunschweig, Fred W., Watertown, Wis. Screw.....	848,003	Mar. 26	4662	1016	127	1264
Braunstein, Jesse B., Allentown, Pa. Nitro-starch explosive.....	868,636	Oct. 22	2260		130	2075
Braunstein, Jesse B., Allentown, Pa. Explosive.....	868,637	Oct. 22	2261		130	2075
Braunstein, Jesse B., Allentown, Pa. Nitro-starch explosive.....	868,638	Oct. 22	2261		130	2075
Braunstein, Jesse B., Allentown, Pa. Nitro-starch explosive.....	868,760	Oct. 22	2457		130	2136
Braunstein, Jesse B., Allentown, Pa. Nitro-starch explosive.....	868,837	Oct. 22	2578		130	2172
Braunstein, Jesse B., Allentown, Pa. Nitro-starch explosive.....	869,051	Oct. 22	2904		130	2274
Braunstein, Max. (See Molyneux and Braunstein.)						
Brawley, William H., Davenport, Iowa. Nut-wrench.....	864,882	Sept. 3	189	53	130	59
Bray, Charles W., assignor to American Sheet & Tin Plate Company, Pittsburg, Pa. Finishing metal packs.....	844,323	Feb. 19	2943	627	126	2601
Bray, Charles W., Pittsburg, Pa., assignor to American Tin Plate Company, Orange, N. J. Apparatus for rolling black plates and sheets.....	869,291	Oct. 29	3268	899-900	130	2415

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Bray, Charles W., Pittsburg, Pa., assignor to American Tin Plate Company, Orange, N. J. Rolling black plates or sheets.	869,292	Oct. 29	3270	900-1	130	2415
Bray, Charles W., assignor to American Sheet & Tin Plate Company, Pittsburg, Pa. Treating packs.	874,732	Dec. 24	4980	1047	131	2065
Bray, Mellen N., Boston, and W. J. Coombs, Quincy, assignors to Tubular Rivet & Stud Company, Boston, Mass. Hopper for lacing hooks or studs.	859,481	July 9	1796	483	129	636
Brayton, Bradford I., assignor to Res Manufacturing Company, Milwaukee, Wis. Curtain-rod.	860,348	July 16	3117	852	129	1094
Brazee, Albert L., Portland, Oreg. Washing-boiler.	843,437	Feb. 5	1180	248	126	2087
Brazelle, Benjamin, Kirkwood, assignor to A. Leschen & Sons Rope Company, St. Louis, Mo. Wire-rope packing and producing same.	870,615	Nov. 12	1163	317	131	411
Brazelle, Benjamin, Kirkwood, assignor to A. Leschen & Sons Rope Company, St. Louis, Mo. Oil-well appliance.	870,616	Nov. 12	1164	317	131	412
Breakenridge, Nelson, Redlands, Cal. Delivery-case for bottled goods.	850,561	Apr. 16	3734	780	127	2616
Breakenridge, Nelson, assignor of one-half to J. C. Bingman, Redlands, Cal. Sanitary head-rest.	857,323	June 18	3649	773	128	2690
Brear, Samuel D., Tacoma, Wash. Upright steam-boiler.	869,158	Oct. 22	3059	844	130	2322
Breath, William L., New York, N. Y., assignor of one-half to A. F. Barkeley, Jersey City, N. J. Eyeglasses.	867,910	Oct. 8	1059	299	130	1656
Bream, Bertinius, Taylor, N. D. Wagon end-gate rod.	848,004	Mar. 26	4663	1016	127	1265
Brebach, Rudolf, Leipzig-Reudnitz, Germany. Automatic electrical cut-out device.	852,766	May 7	786	157	128	204
Breck, Daniel, St. Louis, Mo. Plant for storing baled cotton.	845,926	Mar. 5	417	85	127	108
Breckel, Ernest R., Etna, Pa. Wrench.	864,607	Aug. 27	3934	1090	129	3401
Breckenridge, Aaron L., Crawfordsville, Ind. Fluid-conducting pipe.	863,695	Aug. 20	2497	689	129	2926
Breckenridge, John G., assignor to Ridgely Trimmer Company, Springfield, Ohio. Straight-edge.	845,291	Feb. 26	5125	1086	126	3182
Breckenridge, John G., assignor to Ridgely Trimmer Company, Springfield, Ohio. Trestle.	861,496	July 30	4939	1356	129	1751
Breckenridge, Karl S., Chicago, Ill., assignor to American Can Company, New York, N. Y. Friction-top can.	863,696	Aug. 20	2498	690	129	2926
Breckheimer, Peter E., Elkhart Lake, Wis. Shock-absorber for neck-yokes.	875,146	Dec. 31	5815	1214	131	2224
Breckwoldt, Amandus, Blankenese, Germany. Nautical lamp.	861,633	July 30	5152	1414	129	1820
Bredel, Frederick, Milwaukee, Wis. Recuperative furnace.	841,663	Jan. 22	3744	813	126	1074
Bredel, Frederick, Milwaukee, Wis. Recuperative furnace.	841,664	Jan. 22	3746	814	126	1075
Bredel, Frederick, Milwaukee, Wis. Cover-closure.	870,540	Nov. 12	1048	286	131	369
Bredsvold, Paul A., assignor of one-half to H. A. Vrooman, St. Louis, Mo. Speed-changing gearing.	858,058	June 25	5146	1089	128	3098
Bredsvold, Paul A., assignor of one-half to H. A. Vrooman, St. Louis, Mo. Oscillating-piston engine.	872,496	Dec. 3	377	78-9	131	1227
Bree, Johannes, Charlottenburg, Germany. Bust-supporter.	844,242	Feb. 12	2748	586	126	2515
Breed, William J., and J. G. Warther, assignors to Crane & Breed Manufacturing Company, Cincinnati, Ohio. Burial-casket-lowering apparatus.	849,104	Apr. 2	987	200-1	127	1840
Breed, Wurtum A., Painesville, Ohio. Attachment for razor-strops.	865,353	Sept. 10	924	265	130	309
Breen, John A., assignor to Utica Real Estate Company, Utica, N. Y. Stove.	858,790	July 2	742	196	129	255
Breen, Micheal J., Rockford, Ill. Plow.	843,993	Feb. 12	2263	483-4	126	2393
Breen, Micheal J., Rockford, Ill. Plow.	843,994	Feb. 12	2264	484	126	2393
Breen, William H., Charlestown, Mass. Portable window-derrick.	867,010	Sept. 24	3462	981	130	1181
Breese, Charles P., Norfolk, Va., assignor to Hall Signal Company. Electric controlling system.	862,441	Aug. 6	562	150	129	2264
Breese, Charles P., Norfolk, Va., assignor to Hall Signal Company. Electric-car-controlling system.	862,442	Aug. 6	567	150	129	2267
Breese, Charles P., Norfolk, Va., and A. J. Wilson, Westfield, N. J., assignors to Hall Signal Company. Signaling system for electric railways.	845,683	Feb. 26	5885	1242	126	3368
Breese, Fred F. (See Roche and Breese.)						
Breese, Joseph H. (See Crites and Breese.)						
Breeze, Frank A., Philadelphia, Pa. Pneumatic threading device for spinning-machines.	871,910	Nov. 26	3689	900	131	997
Brehm, Henry A., et al. (See Sadler, Morgan D., assignor.)						
Brehm, George O., et al. (See Hummer, Arthur C., assignor.)						
Brehm, William F., Rochester, Pa. Gas-engine.	854,981	May 28	5244	1092-3	128	1438
Breiding, Henry, Sterling, Ill. Staple-puller.	858,257	June 25	5513	1176	128	3192
Breil, Robert, St. Louis, Mo. Measuring-rule.	861,799	July 30	5416	1492	129	1897
Breiland, Christian, Bellingham, Wash. Automatic alarm mechanism.	851,915	Apr. 30	6442	1345	127	3367
Breite, Stefan, Dresden, Germany. Machine and apparatus for milking.	865,476	Sept. 10	1116	318	130	368
Breitenfeldt, Rudolph A., Madison, Wis. Shade and curtain adjusting device.	865,007	Sept. 3	385	104	130	121
Breitenstein, Friederich W., Mount Pleasant, Vancouver, British Columbia, Canada. Safety-stirrups.	847,896	Mar. 19	4406	966	127	1164
Breitenstein, Julius F., Burlington, Iowa. Steam-actuated valve for pumping-engines.	847,897	Mar. 19	4407	966	127	1165
Breithaupt, John C., et al. (See Smith, Preston L., assignor.)						
Breithut, Oscar P., Williamsport, Pa. Chair-back hinge.	860,632	July 23	3578	981	129	1281
Breitweg, Anton B. (See Saunders and Breitweg.)						
Bremer, Albert H., W. J. Chattin, and A. H. Hoensch, Philadelphia, Pa. Electric heater.	846,544	Mar. 12	1661	369	127	452
Bremer, Max, assignor to Western Casket Hardware Company, Elgin, Ill. Reinforced casket-handle.	846,545	Mar. 12	1663	369	127	453
Bremer, William. (See Harris, Bremer, and Rasmussen.)						
Bremken, Charles W., assignor to L. A. Harkness, Chicago, Ill. Vestibule-car platform.	845,750	Mar. 5	38	8	127	12
Brendel, Georg, Pittsburg, Pa. Vehicle-brake.	862,877	Aug. 13	1274	345	129	2509
Brendt, Jacob B., and C. O. Sherman, Pollock, S. D. Animal-trap.	873,117	Dec. 10	1702	355-6	131	1466
Breneman, Charles W., Cincinnati, Ohio. Shade-cloth with identification-mark thereon.	845,927	Mar. 5	419	86	127	108
Breninger, Clyde W., Spokane, Wash. Clothes-rack.	858,566	July 2	342	85	129	123
Brenizer, Clarence W., assignor of one-third to E. C. Moulton, St. Louis, Mo. Garment-hanger.	862,706	Aug. 6	1601	268	129	2392
Brenizer, Loama A., Miami, Mo. Riding attachment for harrows.	870,081	Nov. 5	323	91	131	108
Brenizer, Nelson O. (See Spiller, Philip S., assignor.)						
Brenizer, Orson W., Philadelphia, Pa. Single-trigger mechanism for double-barreled guns.	867,607	Oct. 8	711	199-200	130	1551
Brenizer, Orson W., assignor to American Fruit Machinery Company, Philadelphia, Pa. Paring-machine.	860,349	July 16	3118	852-3	129	1094
Brennan, Edward L. (See Young and Brennan.)						
Brennan, George, Petersham, near Sydney, New South Wales, Australia. Folding bedstead.	860,188	July 16	2876	785-6	129	1015
Brennan, Hubert, assignor to Brennan & White, Brooklyn, N. Y. Shank for shoes.	861,947	July 30	5630	1560	129	1964
Brennan, James C., Powers, Mich. Drive-wheel for automobiles.	842,069	Jan. 22	4563	980	126	1276
Brennan, James J., Fort Wayne, Ind. Rail-bond.	856,127	June 4	1303	273	128	2022
Brennan, John, Louisville, Ky. Dumping-wagon.	853,494	May 14	2267	470	128	615
Brennan, Martin T., Montreal, Quebec, Canada. Display-cabinet.	849,656	Apr. 9	2059	422	127	2147

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Brennan, Terrance, Coatesville, Pa. Broom-holder.....	867,787	Oct. 8	847	242	130	1594
Brennan, Thomas, Jr. (See Davis and Brennan.)						
Brennan, Thomas, Jr., assignor to Monitor Drill Company, St. Louis Park, Minn. Lever.	867,009	Sept. 24	3461	980	130	1181
Brennan & White. (See Brennan, Hubert, assignor.)						
Brennecke, Herman C. (See Williams and Brennecke.)						
Brenner, Frank A., Cleveland, Ohio. Egg-beater.....	866,909	Sept. 24	3300	931	130	1129
Brenner, Godfrey, Poughkeepsie, N. Y. Mechanical movement.....	874,931	Dec. 31	5384	1125	131	2154
Brenner, Mick. (See Steiner and Brenner.)						
Brent, Charles, Brandon, Manitoba, Canada. Extinguishing fire.....	851,274	Apr. 23	5141	1081	127	3005
Brent, Charles, Rat Portage, Ontario, Canada. Feed-regulator.....	853,567	July 2	343	85	129	123
Brent, Charles, Brandon, Manitoba, Canada, assignor to Ever-Ready Fire Extinguisher Co., Buffalo, N. Y. Dry-gas fire-extinguisher.....	866,109	Sept. 17	2126	592	130	725
Brent, John T., Second, Cold Spring, N. Y. Combined desk and seat.....	862,131	Aug. 6	16	5	129	2085
Brenton, Frank Y., Belleville, Ontario, Canada. Fountain-pen.....	853,156	May 7	1569	326	128	396
Brenzinger, Julius, assignor to Max Ams Machine Company, Mount Vernon, N. Y. Forming covers for sheet-metal cans.....	845,751	Mar. 5	42	9	127	14
Brenzinger, Julius, assignor to Max Ams Machine Company, Mount Vernon, N. Y. Heading sheet-metal cans.....	848,005	Mar. 26	4664	1016	127	1265
Brenzinger, Julius, Mount Vernon, assignor to Max Ams Machine Company, New York, N. Y. Closure for containing vessels.....	865,008	Sept. 3	387	105	130	121
Brenzinger, Julius, assignor to Max Ams Machine Company, New York, N. Y. Can-heading machine.....	867,472	Oct. 1	363	104-5	130	1425
Brenzinger, Julius, assignor to Max Ams Machine Company, Mount Vernon, N. Y. Sheet-metal container.....	875,317	Dec. 31	6149	1283-4	131	2277
Brenzinger, Julius, Mount Vernon, N. Y., assignor to Sanitary Can Machinery Company, Ellsworth, Me. Can-heading machine. (Reissue).....	12,668	July 2	1347	358	129	455
Bressee, Robert J. (See Henlein, Martin L., assignor.)						
Bresnahan, Maurice V. (See Heys, John J., assignor.)						
Bretch, Edward, St. Louis, Mo. Alternating-current motor.....	848,719	Apr. 2	197	41	127	1638
Bretherton, Arthur S., Cleveland, Ohio. Parcel-carrier.....	840,746	Jan. 8	1927	424	126	535
Bretney, Eugene, assignor of two-thirds to E. H. Schmidt and L. P. Rothchild, Indianapolis, Ind. Stoker for furnaces.....	864,946	Sept. 3	286	76-7	130	92
Bretney, Eugene and H. R., Indianapolis, Ind. Steam-generator.....	861,255	July 30	4540	1242	129	1622
Bretney, Harry R. (See Bretney, Eugene and H. R.)						
Bretscher, August, Muskegon, Mich. Rotary engine.....	844,094	Feb. 12	2444	522-3	126	2436
Brett, Henry E., Los Angeles, Cal., assignor to Mills Automatic Press Company. Automatic printing-press.....	872,108	Nov. 26	4145	991-2	131	1063
Brett, James T., Milwaukee, Wis. Cam for harvester-reels.....	841,110	Jan. 15	2680	585	126	770
Brettell, William G. (See Webb, Brettell, and Adamson.)						
Bretz, Emil W. (See McNalley and Bretz.)						
Breul, Frederick G., Bridgeport, Conn. Square.....	858,791	July 2	743	196	129	255
Breul, Richard A., Bridgeport, Conn. Try-square.....	844,243	Feb. 12	2749	586	126	2515
Breul, Richard A., Bridgeport, Conn. Try-square.....	853,157	May 7	1570	327	128	397
Brew, William, Christchurch, New Zealand. Bearing.....	861,704	July 30	5254	1443	129	1848
Brewer, Albert G., Natick, Mass. Welt-slitting machine.....	855,753	June 4	605	124	128	1851
Brewer, Edward D., Atlanta, Ga. Type-writer.....	871,026	Nov. 12	1841	503-4	131	625
Brewer, Edward P., Norwich, Conn. Ophthalmometer.....	864,769	Sept. 3	6	2-3	130	4
Brewer, Governor L., assignor to P. N. Staff, Terre Haute, Ind. Shade and curtain hanger.....	855,429	May 28	6113	1278	128	1655
Brewer, Horatio J., New York, N. Y. Spring-clamp for electric terminal wires.....	848,085	Mar. 26	4789	1044-5	127	1296
Brewer, James T., assignor of one-half to J. W. Hudson, Dayton, Tenn. Blasting-cartridge shell.....	862,878	Aug. 13	1275	346	129	2509
Brewer, John A., Jackson, Mich., assignor to Electric Shoe Polisher Company, Jersey City, N. J. Shoe-polishing machine.....	863,352	Aug. 13	2000	539	129	2740
Brewery Equipment & Supply Co. (See Griesser, Wilhelm, assignor.)						
Brewington, Henry S., Baltimore, Md. Bottle-capping machine.....	859,912	July 16	2456	669	129	878
Brewington, Henry S., Baltimore, Md. Bottle-capping machine.....	860,787	July 23	3805	1043-4	129	1352
Brewington, Henry S., Baltimore, Md. Concrete building-block.....	868,838	Oct. 22	2579	712	130	2172
Brewington, Henry S., Baltimore, Md. Bottle-closure.....	872,403	Dec. 3	175	34	131	1195
Brewington, Henry S., Baltimore, Md., assignor to National Cork and Seal Company. Bottle-capping machine.....	861,705	July 30	5255	1444	129	1848
Brewster, Bertram F., Burrton, Kans. Coin tray and till.....	858,331	June 25	5635	1206	128	3222
Brewster, Bertram F., Burrton, Kans. Coin assorter and stacker.....	861,157	July 23	4374	1201	129	1537
Brewster, Charles N. (See Mangels and Brewster.)						
Brewster, Charles O., St. Paul, Minn. Hoisting-jack.....	843,660	Feb. 12	1648	350	126	2241
Brewster, Charles W., Sierra Madre, Cal. Fruit sack or tray.....	853,763	May 14	2822	580	128	759
Brewster, William, Mount Carmel, Conn. Vehicle-seat.....	872,554	Dec. 3	512	106	131	1246
Breyer, Bernard A., Cripple Creek, Colo. Fan attachment.....	859,913	July 16	2459	669	129	879
Briailles, Gaston C. de, Paris, France. Electrolytic apparatus for the manufacture of nitrocellulose.....	874,564	Dec. 24	5637	974	131	2008
Brian, Thomas C. (See Martin, James V., assignor.)						
Brian, William S. (See Tucker, Junius E., assignor.)						
Brice, James F., Lexington, Ky. Door-hinge.....	843,661	Feb. 12	1650	350	126	2241
Brice, John F., New York, N. Y. Rotary engine.....	851,860	Apr. 30	6340	1322-3	127	3341
Brick, Thomas, New York, N. Y. Valve.....	852,819	May 7	912	187	128	232
Bricka, John, et al. (See Davis, Calvin, assignor.)						
Bricker, Samuel P., Allegheny, Pa. Weather-strip.....	848,961	Apr. 2	707	142	127	1768
Bricker, Samuel P., Allegheny, Pa. Metal weather-strip.....	849,365	Apr. 9	1492	303	127	2003
Bricker, Samuel P., Allegheny, Pa. Weather-strip.....	849,366	Apr. 9	1494	303	127	2004
Brickman, Alrik. (See Hammar and Brickman.)						
Bride, Cotter T., Washington, D. C. Heater.....	875,044	Dec. 31	5623	1173	131	2191
Bridenbaugh, Elmer H. (See Ohmer and Bridenbaugh.)						
Bridge, Ephraim C., Chariton, Iowa. Optical instrument.....	871,103	Nov. 19	1978	541	131	700
Bridge, James H., Philadelphia, Pa. Means for purifying and sterilizing water by ozonized air.....	850,416	Apr. 16	3453	724	127	2544
Bridge, John A., Larimer, Pa. Rail-joint.....	860,441	July 16	3263	892	129	1141
Bridge, Walter G., Boston, Mass. Syringe.....	854,399	May 21	4085	845	128	1116
Bridgeport Brass Company. (See Stapley, William S., assignor.)						
Bridgeport Gun Implement Company. (See North, Samuel A., assignor.)						
Bridgers, Burke H., Wilmington, N. C. Automobile-wheel.....	852,998	May 7	1291	269	128	327
Bridges, Jonas O., Moersboro, N. C. Rail-joint.....	853,293	May 14	1877	389	128	511
Bridges, William L., Indianapolis, Ind. Long-horn-cheese cutter.....	864,119	Aug. 20	3136	868	129	3123
Bried, Julien A., San Francisco, Cal. Blue-printing frame.....	867,698	Oct. 8	715	200	130	1551
Briede, Otto, Benrath, Germany. Metal-swaging apparatus.....	840,426	Jan. 1	1287	283	126	337
Briede, Otto, Benrath, Germany. Machine for making rivets, &c.....	845,331	Feb. 26	5199	1103	126	3200

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Brierley, Wynford, New Malden, England. Vehicle-suspending device.....	863,146	Aug. 13	1692	454	129	2642
Brierley, Wynford, New Malden, England. Steering mechanism.....	863,567	Aug. 13	2299	629	129	2850
Briggs, Arthur J., assignor to Smith Premier Typewriter Company, Syracuse, N. Y. Type-writing machine.....	869,052	Oct. 22	2904	801	130	2274
Briggs, Daniel, New York, assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machine.....	863,697	Aug. 20	2499	690	129	2926
Briggs, Daniel, New York, assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-cleaning device for type-writers.....	866,427	Sept. 17	2579	721	130	870
Briggs, Daniel, New York, assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machine.....	869,826	Oct. 29	4122	1138-9	130	2672
Briggs, George E. (See Mayo and Houlahan, assignors.).....						
Briggs, Herbert A., New York, N. Y. Type-writing machine.....	840,554	Jan. 8	1548	342-4	126	441
Briggs, Herbert A., New York, N. Y. Type-writing machine.....	875,239	Dec. 31	5994	1249-51	131	2254
Briggs, Melancthon J., Philadelphia, Pa. Electric fire and burglar alarm.....	874,483	Dec. 24	4455	940	131	1982
Briggs, Richard H., Jr. (See Nash and Briggs.).....						
Briggs, Thomas A., assignor to Boston Wire Stitcher Company, East Greenwich, R. I. Stapling-machine.....	850,290	Apr. 16	3209	669-70	127	2480
Briggs, William F., Bristol, R. I. Clothes-line prop.....	866,574	Sept. 17	2782	778	130	932
Briggs, William F., Bristol, R. I. Clothes-line prop.....	866,575	Sept. 17	2783	778	130	932
Briggs, William F., Bristol, R. I. Clothes-line prop.....	866,576	Sept. 17	2784	779	130	933
Brigham, Herbert O., Providence, R. I. Filing drawer and compartment.....	860,898	July 23	3982	1091	129	1410
Brigham, Isaac N., Melrose Park, Ill., assignor to Electro Automatic Safety Razor Company, Orange, Cal. Safety-razor.....	871,082	Nov. 12	1925	528	131	652
Brigham, Isaac N., Melrose Park, Ill., assignor to Electro Automatic Safety Razor Company, Orange, Cal. Hair-clipping device.....	874,932	Dec. 31	5386	1125	131	2154
Brigham, Oscar E., New York, N. Y. Check-printing machine.....	840,471	Jan. 8	1375	306-7	126	399
Bright, Allen U., Anadarko, Okla. Ter. Fastener.....	872,221	Nov. 26	4375	1041	131	1100
Bright, Frederick W., assignor to Armour Packing Company, Kansas City, Kans. Ration-press.....	859,640	July 9	2037	550-2	129	713
Bright, George R., Sutton, W. Va. Office folding type-writer cover.....	850,289	Apr. 16	3209	669	127	2479
Bright, Holstein D., Philadelphia, Pa. Hydraulic vise.....	850,865	Apr. 16	4334	908-9	127	2767
Bright, Richard A., and A. W. Davis, Cranston, R. I. Cigar-bunching machine.....	842,618	Jan. 29	5763	1216-18	126	1618
Bright, Richard A., and A. W. Davis, Cranston, R. I., assignors to Acme Tobacco Company. Cigar-filler-cutting machine.....	843,927	Feb. 12	2148	459	126	2366
Bright, Richard A., and A. W. Davis, Cranston, R. I., assignors to Acme Tobacco Company. Cigar trimming and molding machine.....	863,503	Aug. 13	2215	598-9	129	2806
Bright, Richard A., and A. W. Davis, Cranston, R. I., assignors to Acme Tobacco Company. Roll for cigar-machines.....	873,836	Dec. 17	3140	668	131	1738
Bright, Warren H., Wellston, Ohio. Heating system.....	863,504	Aug. 13	2218	599	129	2807
Brill, John A. (See Adams, Walter S., assignor.).....						
Brill, John A. (See Benjamin, Charles W., assignor.).....						
Brill, John A. (See Bucknam, Ezra S., assignor.).....						
Brill, John A. (See Curwen, Samuel M., assignor.).....						
Brill, John A. (See Haddock, Harry E., assignor.).....						
Brill, John A. (See Henry, Fred H., assignor.).....						
Brill, John A. (See Heulings, William H., Jr., assignor.).....						
Brill, John A. (See Pickles, Charles K., assignor.).....						
Brill, John A. (See Smith, Warren M., assignor.).....						
Brill, John A., Philadelphia, Pa. Convertible car.....	852,767	May 7	786	157	128	204
Brill, John A., Philadelphia, Pa. Convertible car.....	852,768	May 7	788	157	128	204
Brill, John A., Philadelphia, Pa. Convertible car.....	854,687	May 21	4625	964	128	1249
Brillhart, Elmer L., Ludington, Mich. Vehicle.....	866,769	Sept. 24	3099	873	130	1068
Brillhart, Elmer L., Pentwater, Mich. Vehicle and spring thereof.....	874,484	Dec. 24	4459	940	131	1983
Brillié, Auguste E., assignor to Société Anonyme des Automobiles Eugène Brillié, Paris, France. Means for automatically timing the spark for producing ignition in explosion-motors.....	857,715	June 25	4423	934	128	2916
Brillion Iron Works Company. (See Wolfinger, Joseph, assignor.).....						
Brimmer Edgar W., Copemish, Mich. Toy.....	846,449	Mar. 12	1481	328	127	404
Brinckerhoff, Francis M., assignor of two-thirds to H. Hazelton and L. B. Stillwell, New York, N. Y. Passenger-car construction.....	849,826	Apr. 9	2353	483	127	2222
Brinckerhoff, Francis M., assignor of two-thirds to H. Hazelton and L. B. Stillwell, New York, N. Y. Car construction.....	849,827	Apr. 9	2355	484	127	2223
Brinckerhoff, Francis M., assignor of two-thirds to H. Hazelton and L. B. Stillwell, New York, N. Y. Car construction.....	849,828	Apr. 9	2356	484	127	2223
Brindle, John H., Manchester, England. Unbreakable self-lubricating long collar for textile machinery.....	864,356	Aug. 27	3503	973	129	3265
Brindley, George F. (See Foregger and Brindley.).....						
Briner-Pogue Manufacturing Company. (See Pogue, George D., assignor.).....						
Bring, Einar J., Schenectady, N. Y., assignor to General Electric Company. Air-compressor.....	850,208	Apr. 16	3070	643-4	127	2441
Bring, Einar J. (See Priest and Bring.).....						
Bring, Einar J., Wilkinsburg, Pa. System of pneumatic control.....	842,619	Jan. 29	5767	1218-19	126	1619
Brinham, George W., et al. (See Shumaker, John A., assignor.).....						
Brining, Frank P., assignor of one-half to R. F. Whitmer, Philadelphia, Pa. Metallic railway cross-tie.....	871,472	Nov. 19	2796	703	131	824
Brink, Andrew W. (See Hastings and Brink.).....						
Brink, Morris H., assignor of one-half to J. B. Carson, Blairsville, Pa. Rail-joint.....	871,104	Nov. 19	1979	541	131	701
Brinker, Hermann, Hamilton, Ohio. Rotary drier.....	849,044	Apr. 2	860	176	127	1807
Brinkman, Louis H., assignor to Whitlock Coil Pipe Company, West Hartford, Conn. Cooler.....	843,864	Feb. 12	2018	433	126	2332
Brinkman, Louis H., Hartford, assignor to Whitlock Coil Pipe Company, West Hartford, Conn. Flanged metal pipe.....	849,883	Apr. 9	2480	510	127	2255
Brinkman, Louis H., Hartford, assignor to Whitlock Coil Pipe Company, West Hartford, Conn. Flanged pipe.....	854,869	May 28	5029	1045	128	1382
Brinkmann, Morris W., New York, N. Y. Induction-coil.....	857,866	June 25	4714	1000-1	128	2988
Brinley, Charles A., assignor to American Pulley Company, Philadelphia, Pa. Bushing.....	849,200	Apr. 2	1187	240	127	1892
Brinley, Charles A., assignor to American Pulley Company, Philadelphia, Pa. Pulley casing or housing.....	857,548	June 18	4087	867	128	2801
Brinley, Charles A., Philadelphia, Pa., and A. W. Morris, Camden, N. J., assignors to American Pulley Company, Philadelphia, Pa. Reel.....	860,521	July 16	3371	927	129	1179
Brinley, Charles E., assignor to American Pulley Company, Philadelphia, Pa. Shaft-collar.....	846,088	Mar. 5	760	158	127	194
Brinley, Charles E., Philadelphia, Pa., and R. H. Bowen, Palmyra, N. J., assignors to American Pulley Company, Philadelphia, Pa. Wheel.....	873,408	Dec. 10	2277	475	131	1562
Brinn, Frank L., Milwaukee, Wis. Fountain-brush.....	840,604	Jan. 8	1658	364	126	469

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Brinnhäuser, Albrecht, Nuremberg, Germany. Machine for slicing meat, sausages, and other edibles.....	853,294	May 14	1878	389	128	511
Brinsmade, Daniel E. (See Smith and Brinsmade.)						
Brinsmead, John, assignor to John Brinsmead & Sons, Limited, London, England. Combined pianoforte and automatically-actuated mechanism therefor.....	868,406	Oct. 15	1874	525-6	130	1926
Brinsmead, R., <i>et al.</i> (See Gee, Charles A., assignor.)						
Brinsmead & Sons, John. (See Brinsmead, John, assignor.)						
Brinton, Joseph H. (See Coates, Robert, assignor.)						
Brinton, Walter, High Bridge, N. J., and O. E. Brown, Easton, Pa. Stone-crusher.....	859,735	July 9	2183	591	129	759
Brisben, William M., Hackensack, N. J. Muffler for explosive-engines.....	851,490	Apr. 23	5561	1166	127	3110
Brisco, Hylton A., and C. J. Erickson, San Francisco, Cal. Deep-well pump.....	872,326	Dec. 3	13	2	131	1171
Briscoe, Frank, and J. M. Anguish, assignors to Briscoe Mfg. Company, Detroit, Mich. Manufacturing radiators.....	858,258	June 25	5514	1177	128	3192
Briscoe, George C. (See O'Brien, John P., assignor.)						
Briscoe Manufacturing Co. (See Conant, William S., assignor.)						
Briscoe Mfg. Company. (See Briscoe and Anguish, assignors.)						
Brison, Charles P., New Albany, Ind. Device for fastening pulleys.....	866,184	Sept. 17	2228	621	130	757
Brisson, Gilbert, Lewiston, Me. Heddle-frame for looms.....	871,027	Nov. 12	1843	504	131	626
Brister, Alison M., Saulsbury, Miss. Sash holder and fastener.....	840,427	Jan. 1	1288	283	126	337
Brister, William T., assignor of one-half to L. Stipp, Liberty Hill, Tex. Railway-tie.....	865,354	Sept. 10	925	265	130	309
Bristol, Mortimer L., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic gun.....	862,384	Aug. 6	450	122	129	2228
Bristol, William H., New York, N. Y. Pressure indicator and recorder.....	839,981	Jan. 1	358	79	126	97
Bristol, William H., New York, N. Y. Pressure-gage.....	839,982	Jan. 1	360	79	126	98
Bristol, William H., New York, N. Y. Electric furnace.....	839,983	Jan. 1	362	79	126	99
Bristol, William H., New York, N. Y. Thermo-electric generator.....	839,984	Jan. 1	363	79	126	99
Bristol, William H., New York, N. Y. Thermo-electric generator.....	839,985	Jan. 1	365	80	126	100
Bristow, Joseph, Jr., Oak Park, Ill. Medicine-case.....	874,933	Dec. 31	5387	1126	131	2154
Bristow, Ralph E., assignor of one-half to W. Burkart and H. A. Williams, Denver, Colo. Flush-tank.....	874,565	Dec. 24	4638	974	131	2008
Britan, Willis W., Indianapolis, Ind. Jogger for platen printing-presses.....	862,801	Aug. 6	1160	312	129	2439
British-American Tobacco Company. (See Pollard and Behrmann, assignors.)						
British Hosiery and Electrolytic Bleaching Company. (See Vogelsang, August A., assignor.)						
Britt, Robert L., <i>et al.</i> (See Reynolds, Edward G., assignor.)						
Brittain, Arlington D., Youngstown, Ohio. Trolley-harp.....	857,591	June 25	4177	884	128	2853
Brittain, Arlington D., Youngstown, Ohio. Telephone-receiver holder.....	866,577	Sept. 17	2784	779	130	933
Brittain, John W., Kilmainham, Dublin, Ireland, assignor to A. Harry & Co., Ltd., London, England. Shirt-starching machine.....	853,295	May 14	1882	389-90	128	513
Brittain, Marshall L. (See Germinier, William, assignor.)						
Brittain, Thomas R., Akron, Ohio. Clay-mill.....	840,107	Jan. 1	628	136	126	166
Brittain, William J., Neodesha, Kans. Railway-switch stand.....	863,050	Aug. 13	1520	412	129	2587
Britton, Francis J., assignor of one-half to H. I. Cohen, Brainerd, Minn. Door-holding clamp.....	859,800	July 9	2276	620	129	791
Britton, Louis H., Cleveland, Ohio. Thermostatic circuit-controlling device.....	847,044	Mar. 12	2661	586	127	704
Britton, Walter F., Anniston, Ala. Ventilator.....	869,159	Oct. 22	3060	844	130	2323
Brizzolara, Charles, assignor of one-half to D. Lever, Richmond, Va. Internal-combustion engine.....	865,009	Sept. 3	388	105	130	122
Broad, Harry L., assignor of one-half to G. F. McRae, J. F. and A. M. Eales, Alpena, Mich. Bullet.....	854,923	May 28	5144	1071	128	1413
Broad, William, Beaver Falls, assignor of two-thirds to E. E. Pierce and C. A. White, New Brighton, Pa. Hand-operated fool.....	872,048	Nov. 26	4030	966	131	1043
Broadbent, Arthur. (See Broadbent, Benjamin and A.)						
Broadbent, Benjamin and A., Longwood, near Huddersfield, England. Apparatus for treating trade effluents.....	872,049	Nov. 26	4032	966	131	1043
Broadbent, James E. and J. assignors to R. Broadbent & Son Limited, Staleybridge, England. Winding-machine.....	855,930	June 4	949	196-7	128	1933
Broadbent, Joseph. (See Broadbent, James E. and J.)						
Broadbent & Son, Robert. (See Broadbent, James E. and J., assignors.)						
Broadbooks, Peter, Batavia, N. Y. Quick-sliding bench-vise.....	851,397	Apr. 23	5389	1130	127	3070
Broadbooks, Peter, Batavia, N. Y. Vise-clamp.....	851,398	Apr. 23	5391	1130	127	3071
Broadbooks, Peter, Batavia, N. Y. Vise.....	851,491	Apr. 23	5562	1166-7	127	3111
Broadbooks, Peter, Batavia, N. Y. Drill-bit.....	854,144	May 21	3619	748	128	993
Broadbooks, Peter, Batavia, N. Y. Pipe and rod gripping attachment for vises.....	854,145	May 21	3621	748	128	993
Broadfoot, Jacob O., Gordon, Tex. Nut-lock.....	856,219	June 11	1493	314	128	2104
Broadhead, Isaac, assignor to himself and W. W. Baxter, East Branch, N. Y. Bolster-plate for vehicles.....	868,407	Oct. 15	1876	526	130	1927
Broadhead, John B., Wellholme, Brighouse, England. Apparatus for regulating pressure in pipes.....	863,900	Aug. 20	2818	774-5	129	3028
Broadhurst, Herbert F., London, England. Wheel.....	862,702	Aug. 6	994	266	129	2389
Broadwater, Luke H., Findlay, Ohio, assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Apparatus for firing explosives in wells.....	855,224	May 28	5749	1198	128	1565
Broadwater, Luke H., Findlay, Ohio, assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Apparatus for firing explosives in wells.....	866,838	Sept. 24	3199	900	130	1099
Broadway, Benjamin J., <i>et al.</i> (See Croft, John, assignor.)						
Broadway, Joseph B., <i>et al.</i> (See Croft, John, assignor.)						
Broadway, William L., <i>et al.</i> (See Croft, John, assignor.)						
Broadwell, William C., Rochester, N. Y. Tire-tool.....	863,353	Aug. 13	2002	539-40	129	2740
Broce-Barbier Auto Ignition Company. (See Broce, Victor H., assignor.)						
Broce, Victor H., assignor to Broce-Barbier Auto Ignition Company, New York, N. Y. Automatic current-interrupter.....	848,720	Apr. 2	199	41	127	1638
Broch, Albert T., San Francisco, Cal. Launching apparatus.....	858,853	July 2	859	224	129	296
Broch, Albert T., San Francisco, Cal. Life-boat.....	858,854	July 2	861	224	129	297
Brocheriou, Emilien J. B., P. J. Tochon, A. Fortier, and L. V. Marotte, Paris, France. Composition for sound-records.....	842,070	Jan. 22	4565	981	126	1277
Brock, Andrew A. (See Weinat and Bogey, assignors.)						
Brock, Clarence W. P. (See Brock, Thomas D. and C. W. P.)						
Brock, Frank T. (See Evans, Fred C., assignor.)						
Brock, Frans W., Tombstone, Ariz. Ter. Hair-ionic and dandruff preventive.....	855,383	May 28	6027		128	1636
Brock, Frederick C., and E. M. du Bois, assignors to Vehicle Apron & Hood Company, Columbus, Ohio. Storm-front for vehicles.....	846,820	Mar. 12	2220	486	127	595
Brock, Frederick C., and E. M. du Bois, assignors to Vehicle Apron & Hood Company, Columbus, Ohio. Storm-front for vehicles.....	870,011	Nov. 5	221	59	131	78
Brock, John J., Brockton, Mass. Patent-leather-repair outfit.....	861,353	July 30	4712	1286	129	1683
Brock, John M., New York, N. Y., assignor to William M. Crane Company. Toaster.....	846,546	Mar. 12	1664	369	127	453

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Brook, Lem S., <i>et al.</i> (See Arbogast, John I., assignor.)						
Brook, Léon. (See Eichenberger, Otto, assignor.)						
Brook, Matthias, Boston, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Insole for boots and shoes	861,497	July 30	4939	1357	129	1751
Brook, Thomas D. and C. W. P., Waterford, Ontario, Canada. Cement-block machine.	857,977	June 25	4968	1050-1	128	3053
Brook, Walter I., Erie, Pa. Separator	850,417	Apr. 16	3457	724	127	2545
Brookdorff, Rolf von, Bregenz, Austria-Hungary. Electric-resistance apparatus	845,051	Feb. 26	4630	985	126	3055
Brockette, Ollie D., Aubrey, Tex. Horse-releaser	871,669	Nov. 19	3175	787-8	131	886
Brockhaus, Friedrich O., Port Angeles, Wash. Gun-sight	847,643	Mar. 19	3872	846	127	1038
Brockhoff, Frederick, Chicago, Ill. Picking vat or barrel	865,010	Sept. 3	389	105	130	122
Brockhuis, Henry H., and A. Buettner, Cincinnati, Ohio. Safety-stop	861,429	July 30	4842	1329	129	1722
Brocksieb, William C., Cayucas, and M. P. Tognazzini, Guadalupe, Cal. Chain pipe-wrench	863,017	Aug. 13	1477	402	129	2574
Brockt, Leopold, Breslau, Germany. Apparatus for sorting articles according to weight	847,230	Mar. 12	3014	664	127	791
Brockway, Tiffany J., Aline Okla. Ter. Mixing apparatus	865,563	Sept. 10	1268	359-60	130	415
Brod, Carl F., <i>et al.</i> (See Kuersten, Hugo R., assignor.)						
Brodbeck, Charles. (See Ansel Jacques, assignor.)						
Brodeen, Aaron W., Big Lake, Minn. Loading mechanism for manure, hay, and the like	872,793	Dec. 3	988	205	131	1324
Broderick & Bascom Rope Company. (See Gemmer and Schleicher, assignors.)						
Broderick, David F., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Rotary brush	842,997	Feb. 5	312	68	126	1868
Broderick, David F., New Britain, assignor of one-half to L. Sperry, South Windsor, Conn. Electroplating apparatus	858,059	June 25	5149	1090	128	3099
Broderick, David F., New Britain, assignor of one-half to L. Sperry, South Windsor, Conn. Automatic japanning apparatus	863,147	Aug. 13	1692	454-5	129	2642
Broderick, David F., New Britain, assignor of one-half to L. Sperry, South Windsor, Conn. Machine for scouring and scratch-brushing flat metal ware	869,478	Oct. 29	3577	980-1	130	2509
Brodie, Patrick S., assignor of one-half to F. W. Martin, Boston, Mass. Saddle	853,675	May 14	2625	545	128	708
Brodtaut, Albin, Leipzig-Lindenau, and H. Fues, Leipzig, Germany. Machine for the manufacture of artificial flowers	858,367	July 2	10	4-5	129	5
Brodton, Edward R., assignor of two-thirds to G. W. Parrott, E. H. Thornton, T. D. Meador, D. B. Carson, T. A. Hammond, E. M. Horine, T. H. Egleston, C. A. Conklin, R. E. Park, D. U. O. Robertson, D. G. Jones, and H. C. Stockdell, Atlanta, Ga. Electrical signaling system	840,428	Jan. 1	1290	284	126	338
Broga, William W., Springfield, Mass. Machine for separating or assorting coins	857,786	June 25	4559	964-6	128	2950
Broga, William W., Springfield, Mass. Machine for counting, registering, and otherwise handling coins	860,960	July 23	4080	1118-20	129	1443
Brogan, James A., <i>et al.</i> (See Mayo, Benjamin F., assignor.)						
Broich, Joseph, Brooklyn, N. Y. Galvanometer	851,156	Apr. 23	4888	1028-9	127	2945
Broido, David, and W. H. Lubach, Berlin, Germany, assignors to General Electric Company. Meter	860,961	July 23	4089	1120	129	1446
Brokamp, Heinrich, and C. Hammerstein, Merscheid, near Ohligs, Germany. Manufacturing razor-blades	858,701	July 2	587	153	129	203
Bromley, John H., Philadelphia, Pa. Device for containing and dispensing liquids	841,111	Jan. 15	2681	586	126	770
Bromley, Joseph H. (See Burgess and Rehuss, assignors.)						
Bromley, Robert C., Ben Avon, Pa. Elevator valve mechanism	850,619	Apr. 16	3862	807	127	2647
Bromley, Robert C., Pittsburg, Pa. Elevator valve mechanism	854,795	May 28	4870	1011-12	128	1341
Bromley, William S., Chicago, Ill. Tool or gage for machinists	867,011	Sept. 24	3464	981	130	1182
Bromwell, Jacob H., <i>et al.</i> (See Auble, James H., assignor.)						
Bronnenkant, Joseph, Racine, assignor to Fischer Manufacturing Company, Milwaukee, Wis. Metatarsophalangeal protector	847,311	Mar. 19	3173	698	127	859
Bronner, Edmond D., Detroit, Mich., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake-beam	847,156	Mar. 12	2857	630	127	752
Bronner, Emil, Eberbach-on-the-Neckar, Germany. Drawing apparatus	841,223	Jan. 15	2382	628	126	820
Bronner, Emil. (See Fremery, Bronner, and Urban.)						
Brons, Jan, and N. Timmer, near Delfzijl, Netherlands. Hydrocarbon-engine	868,339	Oct. 22	2580	712	130	2173
Bronson, Julius H. (See Boden, George, assignor.)						
Bronston, Charles J. (See Saxton, Thomas G., assignor.)						
Brooder, John D. (See Larkin and Brooder.)						
Brook, Harley M., Saginaw, Mich. Machine for making baking-powders	840,686	Jan. 8	1795	396-7	126	502
Brooke, Arthur O., assignor to W. R. Demster Machinery Co. and M. A. Fyke, Kansas City, Mo. Carbureter	858,437	July 2	114	32	129	38
Brooke, Isaac, Pottstown, Pa. Damper-actuating device for ranges, &c.	846,821	Mar. 12	2221	486	127	595
Brooke, Isaac, Pottstown, Pa. Device for fastening a panel or plate to an oven-door or other stove member	858,855	July 2	862	225	129	297
Brooke, William M., assignor to New Era Metallic Packing Manufacturing Company, New York, N. Y. Metallic packing	854,400	May 21	4086	845	128	1116
Brookes, Henry J. (See Brookes, Josiah and H. J.)						
Brookes, Josiah and H. J., Smethwick, England. Metallic bedstead	854,561	May 21	4396	912	128	1193
Brookes, Robert C., Waelder, Tex. Syringe	840,472	Jan. 8	1387	307	126	401
Brookfield, Henry M., New York, N. Y. Glass-furnace	841,112	Jan. 15	2682	586	126	771
Brooking, Frederick V., Macomb, Ill. Apparatus for administering anesthetics	855,931	June 4	950	197	128	1933
Brooks, Arthur J., Manchester, England. Boot cleaning and polishing outfit	845,928	Mar. 5	420	86	127	108
Brooks, Asa P., New Ulm, Minn. Auxiliary printing attachment for cylinder printing-presses	846,645	Mar. 12	1887	414	127	510
Brooks, Byron A., New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine	846,978	Mar. 12	2532	558	127	674
Brooks, Charles H., assignor to Brooks Motor Company, Detroit, Mich. Transmission-gear	840,605	Jan. 8	1659	364-5	126	469
Brooks, Charles H., assignor to Brooks Motor Company, Detroit, Mich. Explosive-engine	846,004	Mar. 5	580	122	127	148
Brooks, Charles P. (See Cheek and Brooks.)						
Brooks, Edward J., East Orange, N. J. Reinforced cement block	843,324	Feb. 5	999	205	126	2042
Brooks, Edward J., East Orange, N. J. Cording and wiring seal-presses	844,095	Feb. 12	2446	523	126	2436
Brooks, Edward J., East Orange, N. J. Seal for boxes	847,276	Mar. 12	3103	684	127	813
Brooks, Edward J., East Orange, N. J. Bung-tin	848,342	Mar. 26	5277	1150	127	1419
Brooks, Everett W. (See Hilderbrandt, Charles T., assignor.)						
Brooks, Franklin V., assignor to International Seal Company, New York, N. Y. Seal	867,699	Oct. 8	716	200	130	1552
Brooks, Henry P. L., Sheldon, Iowa. Foot-rest	848,435	Mar. 26	5456	1189	127	1463
Brooks, James E., assignor of one-half to J. C. Munkers, Crawfordsville, Oreg. Ore stamp-mill	859,044	July 2	1140	304-5	129	388
Brooks, John, Brockton, Mass. Disk-knife holder	870,220	Nov. 5	550	147	131	180
Brooks, John B., Birmingham, England. Water-bottle, water-cushion, water-bed, and like receptacle	852,999	May 7	1293	270	128	328

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Brooks, John C., Paterson, N. J., assignor to Draper Company, Hopedale, Mass. Loom-shuttle.	842,133	Jan. 22	4699	1006	126	1313
Brooks, John L. M., Birdville, Tex. Coupling for connecting plows tandem.	851,058	Apr. 23	4695	987	127	2897
Brooks, Joseph R., assignor of one-half to M. Ford, Cedar Rapids, Iowa. Grain-drier.	861,354	July 30	4715	1287	129	1685
Brooks, Karmell, New York, N. Y. Water-swivel.	873,661	Dec. 10	2750	583	131	1645
Brooks, L. C. (See Hulbert, Edwin F., assignor.)						
Brooks, L. L. C., <i>et al.</i> (See Lappen, James E., assignor.)						
Brooks Motor Company. (See Brooks, Charles H., assignor.)						
Brooks, Reuben, assignor to Russia Cement Company, Gloucester, Mass. Paste-jar.	855,092	May 28	5503	1141	128	1504
Brooks, Reuben, assignor to Russia Cement Company, Gloucester, Mass. Display-stand.	872,274	Nov. 26	4469	1062	131	1116
Brooks, Robert A., Chicago, Ill. Flushometer.	849,105	Apr. 2	994	201	127	1842
Brooks, Robert A., Chicago, Ill. Water-closet.	863,778	Aug. 20	2623	726	129	2965
Brooks, Robert A., Chicago, Ill. Flushing-valve.	871,859	Nov. 26	3588	878-9	131	980
Brooks, Robert J., Teddington, England. Driving and reversing gear.	856,763	June 11	2600	533-4	128	2388
Brooks, Thomas E., Chicago, Ill. Lubricator.	847,898	Mar. 19	4409	967	127	1165
Brooks, Thomas J., <i>et al.</i> (See Weaver, Flem H., assignor.)						
Brooks Tire Machine Company. (See Hackney, Isaac M., assignor.)						
Brooks, Zetta L., Des Moines, Iowa. Heating-frame for lamps.	854,266	May 21	3851	795	128	1055
Broomall, Edgar W., Rochester, N. Y. Centrifugal separator.	841,925	Jan. 22	4287	924	126	1211
Broomall, Edgar W., Rochester, N. Y. Centrifugal cream-separator.	844,244	Feb. 12	2752	586	126	2516
Broomer, Henry, Springfield, assignor of two-thirds to W. Dennick, Dayton, and C. W. Flick, Springfield, Ohio. Corn-harvester.	851,059	Apr. 23	4696	988	127	2897
Broomer, Henry, Springfield, assignor of two-thirds to W. Dennick, Dayton, and C. W. Flick, Springfield, Ohio. Corn-harvester.	851,060	Apr. 23	4698	988	127	2898
Broomer, Henry, Springfield, assignor of two-thirds to W. Dennick, Dayton, and C. W. Flick, Springfield, Ohio. Corn-harvester.	851,061	Apr. 23	4699	989	127	2898
Broomer, Henry, and C. J. Bowlus, Springfield, Ohio. Fence-wire tightener.	874,934	Dec. 31	5388	1126	131	2155
Broomer, Joseph, Bayonne, N. J. Acid-condenser.	850,517	Apr. 16	3660	765	127	2596
Broomell, Albert P., assignor to Vapor Heating Company, York, Pa. Receiver for vapor heating systems.	843,995	Feb. 12	2266	485	126	2394
Broomell, Albert P., assignor to Vapor Heating Company, York, Pa. Valve for heating systems.	843,996	Feb. 12	2268	485	126	2395
Bronner, Allen D., Pomona, Mo. Wagon running-gear.	856,024	June 4	1116	232	128	1976
Bronoippolito, Nicolas, Allegheny, Pa. Filter and distiller.	845,929	Mar. 5	420	86	127	109
Brophy, Luke V., assignor to Indiana Road Machine Company, Fort Wayne, Ind. Elevating-grader.	843,662	Feb. 12	1651	350-1	126	2241
Brophy, Patrick, South Omaha, Nebr. Ore-concentrator.	865,859	Sept. 10	1736	483	130	575
Brosius, Aaron, Evansville, Ind., assignor of one-half to L. F. Nonnast, Chicago, Ill. Veneer-cutting machine.	858,568	July 2	344	86-7	129	123
Brosius, Aaron, Evansville, Ind., assignor of one-half to L. F. Nonnast, Chicago, Ill. Veneer-cutting machine.	871,473	Nov. 19	2797	703-5	131	824
Brosius, Edgar E., assignor to Morgan Engineering Company, Alliance, Ohio. Overhead traveling crane.	857,025	June 18	3089	652	128	2547
Brosnahan, Michael J., St. Louis, Mo. Tailor's appliance.	850,340	Apr. 16	3315	690	127	2509
Brossmann, Charles, Jr., Indianapolis, Ind. Filtering device.	865,993	Sept. 17	1940	542	130	667
Brothen, Andrew A., Mountain Home, Idaho. Surveying instrument.	854,796	May 28	4874	1012	128	1342
Brothers, James H., Newark, N. J., assignor to Rail Joint Company. Insulated rail-joint.	873,492	Dec. 10	2427	510-11	131	1589
Brothers, Ralph N., Oklahoma, Okla. Ter. Screw placer and driver.	859,282	July 9	1492	398	129	535
Brothers, William H., assignor to Columbian Hardware Company, Cleveland, Ohio. Spring-hinge.	842,519	Jan. 29	5564	1176	126	1569
Brothers, William H., assignor to Columbian Hardware Company, Cleveland, Ohio. Hinge.	842,520	Jan. 29	5565	1177	126	1569
Brothers, William H., assignor to Columbian Hardware Company, Cleveland, Ohio. Door-check.	842,521	Jan. 29	5566	1177	126	1569
Brough, Thomas J., Baltimore, Md. Bag-closing machine.	874,734	Dec. 24	4982	1048-9	131	2065
Brougham, Archibald L., New York, N. Y. Heating-bar for electric furnaces.	857,381	June 18	3763	797	128	2718
Broughton, Charles B., Chicago, Ill. Lamp.	843,928	Feb. 12	2151	459	126	2367
Brouillard, Henry E., <i>et al.</i> (See Clark, Henry C., assignor.)						
Brouse, Joseph, Rapides des Joachims, Quebec, Canada. Chain-hook.	840,473	Jan. 8	1389	307	126	401
Brouyette, Charles D., Cincinnati, Ohio, assignor of one-half to F. Karr, Holland, Mich. Spring bed-bottom.	857,324	June 18	3650	773	128	2691
Brower, James F., assignor of one-half to E. F. Ketchum, Rodney, Mich. Carving-fork.	873,150	Dec. 10	1756	369	131	1476
Brower, John L., Philadelphia, Pa. Multiple punch.	861,355	July 30	4716	1288	129	1685
Brower, William, M. Rose, and W. O. Jones, Manlius, Ill. Disk-grinder.	865,627	Sept. 10	1365	387	130	447
Brown, Albert E., Teeswater, Ontario, Canada. Display-stand.	869,053	Oct. 22	2908	801-2	130	2275
Brown, Alexander E., assignor to Brown Hoisting Machinery Company, Cleveland, Ohio. Support for crown or antenna wires for electric masts.	857,152	June 18	3330	702-3	128	2009
Brown, Alexander E., assignor to Brown Hoisting Machinery Company, Cleveland, Ohio. Insulator for tension-guys.	847,546	Mar. 19	3656	806	127	984
Brown, Alexander E., assignor to Brown Hoisting Machinery Company, Cleveland, Ohio. Means for varying the force of counterweights for hoisting skip-cars.	868,639	Oct. 22	2262	626	130	2075
Brown, Alexander E., assignor to Brown Hoisting Machinery Company, Cleveland, Ohio. Car-pusher.	869,689	Oct. 29	3923	1079-81	130	2614
Brown, Alexander T., Syracuse, N. Y. Type-writing machine.	849,829	Apr. 9	2357	484-5	127	2224
Brown, Alexander T., Syracuse, N. Y. Type-writing machine.	852,374	Apr. 30	7349	1543	127	3593
Brown, Alexander T., Syracuse, N. Y. Type-writing machine.	855,832	June 4	756	156	128	1885
Brown, Alexander T., Syracuse, N. Y. Type-writing machine.	862,536	Aug. 6	741	198-9	129	2314
Brown, Alexander T., Syracuse, N. Y. Type-writing machine.	862,703	Aug. 6	996	267	129	2389
Brown, Alice H., Ludlow, Ky. Head-rest.	856,025	June 4	1116	232	128	1977
Brown, Alonzo L. (See Newman, Stephen A., assignor.)						
Brown, Alvah W., and H. P. Ernst, Grand Rapids, and W. O. Canouts, Crystal, assignors to Durfee Embalming Fluid Company, Grand Rapids, Mich. Casket-lowering device.	851,861	Apr. 30	6345	1323-4	127	3342
Brown, Andrew B., deceased; D. G. Brown, Avonbridge, J. C. S. Sandeman and W. G. Gibbons, Edinburgh, Scotland, trustees and executors. Telemotor apparatus.	859,737	July 9	2184	591	129	760
Brown, Arthur E., and J. B. Shoe, Philadelphia, Pa. Grinding-wheel.	845,511	Feb. 26	5550	1176	126	3286
Brown, Arthur F., assignor to P. P. Mast and Company, Springfield, Ohio. Disk-bearing.	874,485	Dec. 24	4462	941	131	1983
Brown, Arthur F., assignor to P. P. Mast and Company, Springfield, Ohio. Wheel-cultivator.	874,566	Dec. 24	4640	974-5	131	2009
Brown, Arthur J., Norwood, Ohio, assignor to Allis-Chalmers Company, and Bullock Electric Manufacturing Company. Controller-operating means.	854,688	May 21	4627	964	128	1250
Brown, Arthur M., Ye Kowhai, Ngaruawahai, New Zealand, assignor to Providence Engineering Works, Providence, R. I. Internal-combustion engine.	873,493	Dec. 10	2430	511	131	1590
Brown, Arthur V., London, England. Apparatus for sharpening the knives of guillotine cutting-machines.	867,473	Oct. 1	366	106	130	1426
Brown, Asbury G. W., Saxtons River, Vt. Curtain-fixture.	849,972	Apr. 9	2627	548	127	2292

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Brown & Bailey Company. (See Brown, Henry T., assignor.)						
Brown & Bailey Company. (See Brown, Robert P., assignor.)						
Brown, Beaufort C., Ionia, Kans. Stovepipe-fastener.....	854,713	May 28	4711	980	128	1300
Brown, Benjamin F. (See Gowin and Brown.)						
Brown, Benjamin F., Bridgeton, Ind. Hand-cart.....	873,986	Dec. 17	3413	727	131	1787
Brown, Charles, Canton, Ohio. Window-sash-operating device.....	857,592	June 25	4178	885	128	2853
Brown, Charles A. (See Leopold and Brown.)						
Brown, Charles C., Revelstoke, British Columbia, Canada. Window-shade support.....	854,714	May 28	4713	980	128	1301
Brown, Charles D., Rochester, N. Y. Pipe-cleaner.....	865,860	Sept. 10	1737	483	130	575
Brown, Charles F., trustee. (See Coy, Frederick W., assignor.)						
Brown, Charles F., trustee. (See Pratt, Philip W., assignor.)						
Brown, Charles F., trustee. (See Reeve, Sidney A., assignor.)						
Brown, Charles T. (See Krause, Hugo C., assignor.)						
Brown, Chester F., Pittsburg, Pa. Cover for hats.....	859,736	July 9	2184	591	129	759
Brown, Clark T., New York, N. Y. Type-writer.....	843,997	Feb. 12	2270	485	126	2395
Brown, Clark T., New York, N. Y. Type-writer. (Reissue).....	12,720	Nov. 19	3372	827	131	918
Brown, Claude E., and W. J. Gibbs, Denver, Colo. Wood-trimming machine.....	873,837	Dec. 17	3141	669	131	1738
Brown, Clements A. (See St. Onge and Brown.)						
Brown Clutch Company. (See Brown, George L., assignor.)						
Brown, Conrad F., San Jose, Cal. Mercury retort and furnace.....	847,399	Mar. 19	3365	737	127	907
Brown, Conrad F., San Jose, Cal. Mercury-condenser.....	847,547	Mar. 19	3658	806	127	985
Brown, Daniel W., Youngstown, Ohio. Artificial bait.....	865,676	Sept. 10	1434	406	130	468
Brown, David G., et al., trustees and executors. (See Brown, Andrew B.)						
Brown, Edgar, New York, and J. W. T. Duvel, Ohio. Apparatus for the rapid determination of the moisture-content of grain.....	848,616	Mar. 26	5810	1266	127	1550
Brown, Edgar W., Dayton, Ohio. Advertising-machine.....	849,045	Apr. 2	861	176	127	1807
Brown, Edmond S., St. Joseph, Mo. Stove.....	859,428	July 9	1725	459	129	613
Brown, Edward H., New York, N. Y. Oil-heater protector.....	874,296	Dec. 17	4090	862	131	1889
Brown, Edwin, St. Louis, Mo. Training-machine.....	843,389	Feb. 5	1100	228	126	2068
Brown, Edwin F., Chicago, Ill. Envelop.....	856,390	June 11	1894	390	128	2203
Brown, Edwin L., Minneapolis, Minn. Combined window-shade and curtain-rod supporting bracket.....	865,077	Sept. 3	495	137	130	150
Brown, Egbert T., assignor to Buffalo Specialty Company, Buffalo, N. Y. Tool-handle.....	861,498	July 30	4940	1357	129	1752
Brown, Emmet, Mitchell, Ind. Display-holder for rugs.....	857,716	June 25	4424	934	128	2916
Brown, Ernest E., Carico, Oreg. Cuspidor.....	848,962	Apr. 2	709	142-3	127	1768
Brown, Eugene H., Troy, N. Y. Folding-machine.....	870,343	Nov. 5	747	200	131	246
Brown, Frank, Toledo, Ohio. Earth-auger.....	866,839	Sept. 24	3200	900	130	1100
Brown, Frank B., et al. (See Crickler, Harry F., assignor.)						
Brown, Frank C., Asherville, Kans. Lawn-shears.....	875,240	Dec. 31	6000	1251	131	2254
Brown, Frank C., assignor of one-half to J. W. Marsh, Canon City, Colo. Planting or seeding machine.....	859,869	July 9	2386	650	129	824
Brown, Frank H. and F. H., Colfax, Wash. Portable elevator.....	846,725	Mar. 12	2015	443	127	542
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, assignors to National Compositype Company, Baltimore, Md. Machine for making type.....	843,576	Feb. 12	1494	317	126	2200
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, assignors to National Compositype Company, Baltimore, Md. Matrix-making plate and block attached.....	843,577	Feb. 12	1496	317	126	2200
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, assignors to National Compositype Company, Baltimore, Md. Matrix-making means to position plates and blocks.....	843,578	Feb. 12	1497	317	126	2200
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, Md., assignors to National Compositype Company. Matrix for casting type characters.....	845,512	Feb. 26	5552	1176	126	3287
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, Md., assignors to National Compositype Company. Matrix-plate for type-casting machines.....	845,684	Feb. 26	5889	1243	126	3370
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, Md., assignors to National Compositype Company. Matrix for casting spaces and quads.....	845,685	Feb. 26	5890	1243	126	3370
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, Md., assignors to National Compositype Company. Type mold and matrix.....	845,686	Feb. 26	5891	1243	126	3370
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, Md., assignors to National Compositype Company. Backing for matrices.....	849,630	Apr. 9	2368	485	127	2227
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, Md., assignors to National Compositype Company. Mold for casting type, spaces, and quads.....	852,162	Apr. 30	6968	1455	127	3499
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, assignors to National Compositype Company, Baltimore, Md. Producing matrices.....	854,456	May 21	4205	870	128	1147
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, assignors to National Compositype Company, Baltimore, Md. Matrix-making master-block.....	854,457	May 21	4206	871	128	1147
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, assignors to National Compositype Company, Baltimore, Md. Master-block for producing matrices.....	854,458	May 21	4208	871	128	1147
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, assignors to National Compositype Company, Baltimore, Md. Master-block for making matrices.....	854,459	May 21	4209	871	128	1148
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, assignors to National Compositype Company, Baltimore, Md. Type-matrix.....	854,460	May 21	4210	871	128	1148
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, assignors to National Compositype Company, Baltimore, Md. Mold for type-casting machines.....	855,225	May 28	5752	1198	128	1566
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, assignors to National Compositype Company, Baltimore, Md. Pump mechanism for type-casting machines.....	856,026	June 4	1118	233	128	1977
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, assignors to National Compositype Company, Baltimore, Md. Sorts-machine for making type.....	861,430	July 30	4843	1329-31	129	1723
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, assignors to National Compositype Company, Baltimore, Md. Sorts-machine for making type.....	861,431	July 30	4858	1332-3	129	1726
Brown, Frank H., J. E. Hanrahan, Baltimore, and G. A. Boyden, Mount Washington, assignors to National Compositype Company, Baltimore, Md. Sorts-machine for making type. (Reissue).....	12,726	Dec. 3	1423	298-300	131	1392
Brown, Francis C., New York, N. Y. Fountain-pen.....	846,547	Mar. 12	1667	370	127	453

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Brown, Fred E. (See Newton and Brown.)						
Brown, Fred F., and G. W. Haycock, Lawrence, Mass. Fire-hydrant	841,615	Jan. 15	3651	792	126	1019
Brown, Fred H. (See Brown, Frank H. and F. H.)						
Brown, Frederick L., and I. W. Sprink, Scottsdale, Pa. Roll-grinding machine	861,016	July 23	4179	1144	129	1473
Brown, Frederick M., Warren, assignor of two-thirds to I. F. Harris, Providence, R. I. Fluid clutch mechanism	864,724	Aug. 27	4112	1141-2	129	3457
Brown, Frederick O., St. Louis, Mo. Innersole for boots and shoes	858,368	July 2	13	5	129	6
Brown, Fredrick H., Lebanon, N. H. Cutting and grinding machine	845,687	Feb. 26	5893	1244	126	3371
Brown, George, Chicago, Ill. Artist's plaque	842,998	Feb. 5	313	68	126	1868
Brown, George, Sarnia, Ontario, Canada. Indicator	849,456	Apr. 9	1651	334-5	127	2047
Brown, George K., <i>et al.</i> (See Crickler, Harry F., assignor.)						
Brown, George L., assignor to Brown Clutch Company, Elyria, Ohio. Friction-clutch mechanism	853,676	May 14	2627	545	128	708
Brown, George M., Tacoma, Wash. Dredging-machine	867,788	Oct. 8	848	242	130	1594
Brown, George W., <i>et al.</i> (See Wilkins, George H., assignor.)						
Brown, Gilman E., Sandown, N. H. Tether-pin	871,564	Nov. 19	2996	747	131	855
Brown, Glenn C., Bessemer, Ala. Rope-thimble	857,717	June 25	4425	935	128	2916
Brown, Glenn C., Bessemer, Ala. Faucet	862,879	Aug. 13	1275	346	129	2510
Brown, Gouverneur G. (See Schuchart and Brown.)						
Brown, Guy B. (See Brown, William S., assignor.)						
Brown, Harlin, Mayfield, Mich. Wooden column	846,450	Mar. 12	1481	329	127	405
Brown, Harold G., West Ealing, London, and E. D. Malan, Highgate, London, England, assignors of one-third to J. H. Neal, Boston, Mass. Signaling apparatus	847,157	Mar. 12	2858	630-1	127	753
Brown, Harold H., Boston, Mass. Signal-reading device	841,616	Jan. 15	3653	792	126	1019
Brown, Harold P., Montclair, N. J. Means for bonding electric conductors	851,340	Apr. 23	5277	1105-6	127	3041
Brown, Harry, Buffalo, N. Y. Combination-tool	853,495	May 14	2268	470	128	615
Brown, Harry E. (See Leonard and Brown.)						
Brown, Harry M., and H. M. Dahl, El Campo, Tex. Blower and suction device	848,343	Mar. 26	5278	1150	127	1419
Brown, Harvey E., Norbury, England. Brake mechanism for railway and other vehicles	864,120	Aug. 20	3138	868-9	129	3124
Brown, Harvey E., Norbury, England. Brake mechanism for railway and other vehicles	864,121	Aug. 20	3140	869-70	129	3124
Brown, Henry, <i>et al.</i> (See Brown, William C., assignor.)						
Brown, Henry T., Moorestown, N. J., assignor to Brown & Bailey Company, Philadelphia, Pa. Collapsible box	875,409	Dec. 31	6330	1319-20	131	2307
Brown, Herbert, Rochford, S. D. Leveling device	852,013	Apr. 30	6659	1386-7	127	3420
Brown, Herbert H., Philadelphia, Pa. Egg-tester	844,441	Feb. 19	3170	684	126	2658
Brown, Herbert H., Lynn, Mass. Umbrella	852,493	May 7	216	39	128	63
Brown, Herbert S., New York, N. Y. Oscillating device for motor-driven fans	857,787	June 25	4569	966	128	2953
Brown, Herbert S., New York, N. Y. Switch for electric circuits	861,800	July 30	5416	1492	129	1897
Brown Hoisting Machinery Company. (See Brown, Alexander E., assignor.)						
Brown Hoisting Machinery Company. (See Cobb, Herbert F., assignor.)						
Brown, Horace P. (See Johnston, Clarence L., assignor.)						
Brown, Horace P., Alameda, Cal. Manifolding sales-book	869,054	Oct. 22	2910	802	130	2276
Brown, Horace P., Alameda, Cal. Sales-book	841,617	Jan. 15	3655	793	126	1019
Brown, Horace S., Springfield, Mass. Racket for tennis, &c.	854,024	May 21	3368	694	128	931
Brown, Hugh E., Browns Station, Mo. Addition-tester	858,856	July 2	863	225	129	297
Brown, James. (See Dickens, John, assignor.)						
Brown, James, New York, N. Y. Toy	865,564	Sept. 10	1272	360	130	416
Brown, James B. L., Galena, Kans. Checkrein-hook	869,546	Oct. 29	3685	1010	130	2542
Brown, James F., Chicago, Ill., assignor to C. W. Stevens, New York, N. Y. Adjusting device for hat-frame machines	861,256	July 30	4541	1242	129	1623
Brown, James L., Indian Head, Md. Armor-piercing projectile	863,698	Aug. 20	2503	691	129	2928
Brown, James L., Brookville, Pa. Pipe-wrench	873,494	Dec. 10	2433	511	131	1590
Brown, James L., Indianhead, Md., and D. P. Moore, Washington, D. C., assignors to M. A. G. Himalaya, Arcos-De-Val-De-Vez, Portugal. Smokeless powder	868,158	Oct. 15	1467		130	1805
Brown, John, Chicago, Ill. Bag-holder	841,926	Jan. 22	4288	924	126	1211
Brown, John, Auckland, New Zealand. Knife-cleaner	874,935	Dec. 31	5390	1127	131	2155
Brown, John E., Sarnia, Ontario, Canada, assignor to C. H. Sinclair, Detroit, Mich. Indicator	848,628	Apr. 2	16	4	127	1588
Brown, John F., Florence, Ala. Ash-pan for locomotives	865,758	Sept. 10	1565	441	130	510
Brown, John G., assignor of one-third to G. Doenges, Jerseyville, Ill. Blacksmith's tongs	859,429	July 9	1726	459	129	613
Brown, John H., Jersey City, N. J. Wire-winding apparatus	850,993	Apr. 23	4568	957-8	127	2864
Brown, John H., assignor of one-half to F. Bogart, Jr., Carlin, Nev. Mowing-machine	850,997	July 2	992	258-9	129	339
Brown, John I., assignor of one-half to J. Rubek, Marion, Iowa. Jack	871,083	Nov. 12	1927	528	131	652
Brown, John J., Phoenix, Miss. Securing means for rail-joints	840,902	Jan. 8	2232	491	126	611
Brown, John L. (See Brown, Nathaniel and J. L.)						
Brown, John S., <i>et al.</i> (See Fischer, Henry J., assignor.)						
Brown, John S. (See Fulton and Brown.)						
Brown, John S., Ohio, Nebr. Gate or door latch	853,764	May 14	2824	581	128	759
Brown, John W., Arroyo Grande, Cal. Bean-cutter	866,185	Sept. 17	2228	622	130	757
Brown, John W., East Sheen, England. Elevator	872,986	Dec. 3	1392	292	131	1386
Brown, John W., London, England. Plunger-elevator	872,327	Dec. 3	15	3	131	1171
Brown, John W., assignor to Allis-Chalmers Company, Milwaukee, Wis. Friction-clutch	840,687	Jan. 8	1799	397	126	503
Brown, Joseph F., Bristol, Tenn. Flue-expander	843,865	Feb. 12	2020	434	126	2332
Brown, Joseph N., Dodgeville, Wis. Artificial snake, &c.	857,593	June 25	4180	885	128	2854
Brown, Joseph R., <i>et al.</i> (See Logan, Crawford D., assignor.)						
Brown, Joseph R., Los Angeles, Cal. Lining for grinding-mills	864,357	Aug. 27	3503	973	129	3265
Brown, Joseph W., Curries, Nev. Cooking-utensil	869,690	Oct. 29	3925	1081	130	2615
Brown, Julius, Peekskill, N. Y. Rope-fastener	842,620	Jan. 29	5771	1219	126	1620
Brown, Julius N., Chicago, Ill. Piano-tool	840,294	Jan. 1	1008	221	126	271
Brown, Laura L., Brooklyn, N. Y. Glove-sustainer	855,833	June 4	758	156	128	1885
Brown, Levi. (See Van Etten and Brown.)						
Brown, Levi, assignor to F. & N. Lawn Mower Company, Richmond, Ind. Grass-catching receptacle	850,418	Apr. 16	3458	725	127	2546
Brown, Lewis A., St. Louis, Mo., assignor to St. Louis Steel Enameled Brick and Seal Company, Seal	848,879	Apr. 2	572	114	127	1735
Brown, Lewis W., Port Norfolk, and A. W. Chappelle, Ivor, Va. Load-releasing mechanism for logging-cars	857,026	June 18	3090	652	128	2548
Brown, Louis O., Toledo, Ohio. Metallic vessel	860,080	July 16	2731	744	129	967
Brown, Luman S. (See Mettler, Caspar, assignor.)						
Brown, Mae, Nampa, Idaho. Mattress	848,437	Mar. 26	5459	1190	127	1463
Brown, Mannon, Elk City, Okla. Ter. Weight-motor	844,658	Feb. 19	3857	817-18	126	2819
Brown, Mark A., Savannah, Ga. Non-refillable bottle	855,690	June 4	474	99	128	1817
Brown, Mark A., assignor of one-half to D. G. Purse, Jr., Savannah, Ga. Car-coupling	841,927	Jan. 22	4288	925	126	1212
Brown, Mark A., assignor of one-half to D. G. Purse, Jr., Savannah, Ga. Car-coupling	842,071	Jan. 22	4565	981	126	1277
Brown, Mary E., Cavalier, N. D. Egg-wrapper	869,160	Oct. 22	3061	844	130	2323

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Brown, Michael E., Brooklyn, N. Y., assignor to Union Special Machine Company, Chicago Ill. Take-up device for sewing-machines.....	872,328	Dec. 3	16	3	131	1172
Brown, Michael F., Seattle, Wash. Log-raffing appliance.....	855,159	May 28	5635	1172	128	1537
Brown, Middleton D., Grand Chain, Ill. Gage.....	875,045	Dec. 31	5623	1173-4	131	2191
Brown, Millard F. (See Knight, Jonathan L., assignor.)						
Brown, Miller, Richmond, Mo. Combined lister, planter, and roller.....	848,154	Mar. 26	4897	1068-9	127	1323
Brown, Nathaniel and J. L., Star City, Ind. Corn-harvesting machine.....	865,861	Sept. 10	1737	484	130	575
Brown, Nicholas W., Akron, Ohio. Automatic inkstand.....	862,863	Aug. 6	1251	338	129	2466
Brown, Nicholas E., Marion, S. D. Table.....	847,899	Mar. 19	4410	967	127	1166
Brown, Nimrod W. L., Thomasville, Ala. Shaking-screen.....	874,051	Dec. 17	3553	756	131	1807
Brown, Olive K., Asherville, Kans. Mop-holder.....	870,412	Nov. 5	862	229	131	283
Brown, Oscar H., Eastport, Me. Vest-holder.....	874,733	Dec. 24	4981	1047	131	2065
Brown, Owen E. (See Brinton and Brown.)						
Brown, Peabody A., Denver, Colo. Thermostat.....	847,981	Mar. 19	4577	1005-6	127	1205
Brown, Peabody A., Denver, Colo. Automatic device for producing intermittent motion.....	852,700	May 7	662	129	128	173
Brown, Rhinehardt H., Fremont, Ohio. Safety-razor.....	840,989	Jan. 8	2395	524	126	652
Brown, Richard, San Francisco, Cal. Gas-burner.....	858,702	July 2	588	153	129	203
Brown, Richard P., Philadelphia, Pa. Recording speed-indicator.....	849,884	Apr. 9	2481	510	127	2256
Brown, Robert, Donaghmore, Ireland. Metal box or other metal article or surface.....	842,758	Jan. 29	6087	1283	126	1698
Brown, Robert A., Chicago, Ill. Life-boat.....	870,928	Nov. 12	1695	465-6	131	581
Brown, Robert E., Wiggs, Ark. Animal-trap.....	857,325	June 18	3653	774	128	2691
Brown, Robert H., assignor of one-fourth to D. P. McMahon, Los Angeles, Cal. Car-truck.....	853,531	May 14	2338	487	128	634
Brown, Robert P., assignor to Brown & Bailey Company, Philadelphia, Pa. Collapsible box.....	860,724	July 23	3712	1016	129	1321
Brown, Robert S. (See Parks and Brown.)						
Brown, Roy W., Amsterdam, N. Y. Electric controller.....	874,567	Dec. 24	4644	975	131	2009
Brown, Roy W., Amsterdam, N. Y. Electric controller.....	848,006	Mar. 26	4665	1016-17	127	1265
Brown, Samuel J., Ekron, Ky., assignor of one-half to W. A. Morgan, Eastman, Ga. Toilet companion.....	842,443	Jan. 29	5402	1144	126	1531
Brown and Sharpe Manufacturing Company. (See Davenport, William S., assignor.)						
Brown & Sharpe Manufacturing Company. (See Macleod and Rich, assignors.)						
Brown and Sharpe Manufacturing Company. (See Newton, George H., assignor.)						
Brown and Sharpe Manufacturing Company. (See Parker, John, assignor.)						
Brown & Sharpe Manufacturing Company. (See Spalding, Frank, assignor.)						
Brown and Sharpe Manufacturing Company. (See Wingo, Richard T., assignor.)						
Brown, Sidney G., London, England. Electric conductor.....	845,609	Feb. 26	5718	1211	126	3328
Brown, Sidney G., London, England. Electric conductor or cable.....	854,562	May 21	4398	913	128	1193
Brown, Silas B., Cincinnati, Ohio. Time-controlled damper.....	870,221	Nov. 5	551	148	131	181
Brown, Solomon F., San Francisco, Cal. Dumping-wagon.....	866,578	Sept. 17	2785	779	130	933
Brown, Stephen S., Medicine Lodge, Kans. Flood-gate.....	869,161	Oct. 22	3061	845	130	2323
Brown Straw Binder Company. (See Hancock, Harry A., assignor.)						
Brown, Summers, London, England. Type font or holder.....	865,565	Sept. 10	1272	361	130	416
Brown, Susan A. (See O'Donnell, Felix, assignor.)						
Brown, Theodore P., Worcester, Mass. Key-locking mechanism for automatic musical instruments.....	841,114	Jan. 15	2686	586	126	771
Brown, Theodore P., Worcester, Mass. Reversing and rewinding mechanism for automatic musical instruments.....	842,072	Jan. 22	4567	981	126	1277
Brown, Theodore P., assignor to Simplex Piano Player Company, Worcester, Mass. Modulating attachment for musical instruments.....	841,113	Jan. 15	2684	586	126	771
Brown, Theodore P., assignor to Simplex Piano Player Co., Worcester, Mass. Musicsneet mechanism.....	862,608	Aug. 6	858	229	129	2350
Brown, Theodore P., assignor to Simplex Piano Player Company, Worcester, Mass. Automatic playing attachment for musical instruments.....	862,704	Aug. 6	999	267-8	129	2390
Brown, Theodore P., assignor to Simplex Piano Player Company, Worcester, Mass. Automatic playing attachment for musical instruments.....	862,705	Aug. 6	1000	268	129	2391
Brown, Theodore P., assignor to Simplex Piano Player Company, Worcester, Mass. Modulating connection for pianos.....	865,994	Sept. 17	1941	543	130	668
Brown, Thomas L., et al. (See Webster, Cheever L., assignor.)						
Brown, Thomas R., New York, N. Y., assignor to American Car & Foundry Company, St. Louis, Mo. Tank-car.....	845,752	Mar. 5	42	9	127	14
Brown, Thomas R., New York, N. Y., assignor to American Car & Foundry Company, St. Louis, Mo. Tank-car.....	846,392	Mar. 5	1335	294	127	337
Brown, Thomas R., New York, N. Y., assignor to American Car & Foundry Company, St. Louis, Mo. Tank-car.....	846,646	Mar. 12	1889	415	127	511
Brown, Thomas R., New York, N. Y., assignor to American Car & Foundry Company, St. Louis, Mo. Tank-car.....	848,286	Mar. 26	5163	1125	127	1392
Brown, Thomas R., New York, N. Y., assignor to American Car & Foundry Company, St. Louis, Mo. Car-bolster.....	850,902	Apr. 23	4418	924	127	2829
Brown, Thomas R., New York, N. Y., assignor to American Car & Foundry Company, St. Louis, Mo. Tank-car.....	853,576	May 14	2423	505	128	655
Brown, Thomas R., New York, N. Y., assignor to B. A. Hegeman, Jr., North Plainfield, N. J. Transportation-car and the like.....	860,850	July 23	3896	1068-9	129	1383
Brown, Thomas W., St. Louis, Mo. Window-shade and curtain-pole supporter.....	850,518	Apr. 16	3662	765	127	2597
Brown, Wallace R., Tidioute, Pa. Combined knife and fork.....	870,413	Nov. 5	862	229	131	284
Brown, Walter F., assignor to F. L. Maytag, Newton, Iowa. Coupling for traction-engines.....	854,196	May 21	3726	771	128	1023
Brown, Walter W., Schenectady, N. Y., assignor to General Electric Company. Railway-signal.....	863,148	Aug. 13	1695	455-6	129	2643
Brown, William. (See Wrightson and Brown.)						
Brown, William, Vancouver, British Columbia, Canada. Carbureter.....	860,522	July 16	3373	927	129	1179
Brown, William, and A. Weber, San Francisco, Cal. Backing-lumber for half-tones.....	841,115	Jan. 15	2687	587	126	772
Brown, William A., assignor of one-half to F. W. Moser, Chicago, Ill. Carrier for pneumatic-tube apparatus.....	867,225	Sept. 24	3806	1074	130	1288
Brown, William C., Melrose, Mass. Mixer for spraying purposes and the like.....	870,270	Nov. 5	619	166	131	202
Brown, William C., Prescott, Ontario, Canada, assignor to Henry R. Worthington, New York, N. Y. Compensating direct-acting engine.....	846,005	Mar. 5	583	122	127	149
Brown, William C., assignor to Henry R. Worthington, New York, N. Y. Compensating direct-acting engine.....	861,801	July 30	5418	1492	129	1897
Brown, William C., assignor of two-thirds to F. Knackstedt and H. Brown, Chicago, Ill. Steam-trap.....	867,700	Oct. 8	717	201	130	1552
Brown, William E. (See Pietzuch and Brown.)						
Brown, William F., Goldthwaite, Tex. Window-shade hanger.....	868,527	Oct. 15	2066	579	130	1985
Brown, William H., Lockhart, Tex. Machine for developing photographic plates.....	846,778	Mar. 12	2125	466-7	127	571
Brown, William H., Pittsburg, Pa. Rolling-mill.....	848,438	Mar. 26	5459	1190	127	1464
Brown, William H., Syracuse, N. Y. Single-trigger mechanism.....	864,826	Sept. 3	93	26	130	31

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Brown, William L. (See Nelson and Brown.)						
Brown, William M., Americus, Kans. Self-feeding puttying device.	861,802	July 30	5420	1493-4	129	1898
Brown, William M., Johnstown, Pa., assignor to Lorain Steel Company. Car-magnet support.	844,918	Feb. 19	4371	934	126	2950
Brown, William M., Johnstown, Pa., assignor to Lorain Steel Company. Electric switch.	853,220	May 14	1727	358	128	469
Brown, William M., Johnstown, Pa., assignor to Lorain Steel Company. Rail-joint.	853,221	May 14	1728	358	128	469
Brown, William M., Johnstown, Pa., assignor to Lorain Steel Company. Surface-contact electric railway.	860,726	July 23	3713	1017	129	1322
Brown, William S., Burghill, Ohio, assignor of one-half to G. B. Brown, Osgood, Pa. Envelop.	869,162	Oct. 22	3062	845	130	2323
Brown, William T., Atlanta, Ga. Track-fastening.	845,215	Feb. 26	4956	1053	126	3140
Brownawell, George W. (See Heird and Brownawell.)						
Browne, A. C., et al. (See Kilpatrick, Robert L., assignor.)						
Browne, Arthur W., Prince Bay, N. Y., assignor to S. S. White Dental Manufacturing Company, Philadelphia, Pa. Dental chair.	873,015	Dec. 10	1489	310-11	131	1431
Browne, E. E. (See Randall, Frank D., assignor.)						
Browne, George A., Tacoma, Wash. Truck.	850,562	Apr. 16	3736	780-1	127	2616
Browne, George A., Tacoma, Wash. Lumber-truck.	850,563	Apr. 16	3737	780-1	127	2617
Browne, Michael C., Holyoke, Mass. Strip-moistening device.	868,840	Oct. 22	2582	712	130	2173
Browne, Ralph C., Salem, assignor to J. Abbott, Winchester, Mass. Telephone-transmitter.	854,025	May 21	3369	694	128	931
Browne, Ralph S., Alameda, Cal. Zinc-lathe.	874,486	Dec. 24	4464	941	131	1983
Browne, Richard B., New York, assignor to Richey, Browne and Donald, Brooklyn, N. Y. Door or gate opening and closing device.	858,147	June 25	5322	1131-2	128	3143
Browne, William J., Pittsburg, Pa. Amusement device.	871,777	Nov. 26	3401	836	131	529
Browne, William K., Washington, D. C. Non-refillable bottle.	862,537	Aug. 6	745	199	129	2315
Brownell, Frank A., assignor to Eastman Kodak Company, Rochester, N. Y. Clip.	852,923	May 7	1140	235	128	290
Brownell, Frank A., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic shutter.	853,000	May 7	1295	270-1	128	328
Brownell, Frank A., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic developing-machine.	854,026	May 21	3372	694	128	932
Brownell, Frank A., assignor to Eastman Kodak Company, Rochester, N. Y. Focusing-screen for cameras.	856,618	June 11	2337	480-1	128	2320
Brownell-Trebert Company. (See Trebert, Henry L. F., assignor.)						
Browning, Earl H. (See Browning, Victor R., and E. H.)						
Browning, George. (See Collins and Browning.)						
Browning, John M., Ogden, Utah. Automatic firearm.	853,438	May 14	2149	447	128	583
Browning, John M., Ogden, Utah. Magazine-gun.	864,608	Aug. 27	3934	1091	129	3401
Browning, John M., Ogden, Utah. Firearm.	864,609	Aug. 27	3937	1091	129	3402
Browning, Melvin H., Perry, Ill. Seed-sowing machine.	842,073	Jan. 22	4569	982	126	1278
Browning, Melvin H., Perry, Ill. Clevis.	866,428	Sept. 17	2583	721	130	871
Browning, Victor R., Nottingham, Ohio. Hoisting apparatus.	848,287	Mar. 26	5165	1126	127	1399
Browning, Victor R., Nottingham, Ohio. Slag-handling plant.	861,803	July 30	5421	1494	129	1898
Browning, Victor R., and E. H., Nottingham, Ohio. Hoisting apparatus.	843,558	Feb. 5	1454	307	126	2155
Brownlee, James H., Philadelphia, Pa. Washboiler.	870,865	Nov. 12	1579	434	131	543
Brownlow, William H., Brockville, Ontario, Canada. Artificial rubber.	869,618	Oct. 29	3813	.....	130	2582
Browns, Anna B. (See Scholl, John, assignor.)						
Brownsberger, John W., Bowling Green, Ohio. Imperishable grave-marker.	863,354	Aug. 13	2006	540	129	2743
Brownsdon, Henry W. (See Bayliss and Brownsdon.)						
Brownstein, Benjamin, Philadelphia, Pa., assignor of one-half to H. L. Zookovitz, Trenton, N. J. Annular boring and reaming tool.	851,399	Apr. 23	5394	1130	127	3071
Brownsville Glass Company. (See Harvey, George H., assignor.)						
Brownsville Glass Company. (See Speer, James R., assignor.)						
Brownsville Glass Company. (See Speer and Harvey, assignors.)						
Broz, Louis. (See Beck, Niels D. S. K., assignor.)						
Brubaker, Alpheus O., Sugden, Ind. Ter. Buckle.	842,759	Jan. 29	6088	1284	126	1698
Brubaker, Granville M., Mercersburg, Pa. Thermometer sterilizer and holder.	862,385	Aug. 6	463	123	129	2232
Bruce, Brainerd T., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writer carriage. (Reissue.)	12,694	Sept. 10	1924	539	130	632
Bruce, Harry L., Portland, Ore. Hot-water furnace.	860,725	July 23	3712	1017	129	1321
Bruce, Samuel, Helvetia, Pa. Elevator safety appliance.	873,495	Dec. 10	2435	512	131	1590
Bruce, Victor F., and H. S. Bjühr, Worcester, Mass. Multiple-wire-drawing machine.	863,149	Aug. 13	1697	456	129	2644
Brüchle, Karl, New York, N. Y. Pneumatic elevator.	853,677	May 14	2629	545-6	128	709
Bruck, Jean P., Luxemburg, Netherlands. Steaming-oven or cooking apparatus.	862,443	Aug. 6	571	150-1	129	2268
Brucker, Francis, and A. L. Stump, Shelby, Ohio. Washing-machine.	850,291	Apr. 16	3214	670	127	2481
Brücker, Wilhelm, Duisburg-Meiderich, Germany. Carpenter's bench.	850,813	Apr. 16	4219	887	127	2736
Bruckmann, Ludwig, Pforzheim, Germany. Machine for automatically making soldered cable and globular or pea-shaped elgins.	870,414	Nov. 5	864	230	131	284
Bruckner, Arthur F., and G. Sayre, Elgin, Ill. Curtain-fastening device.	854,073	May 21	3479	717-18	128	959
Bruckner, Rudolph E., Mount Vernon, assignor to Commercial Acetylene Company, New York, N. Y. Charging gas-tanks.	847,727	Mar. 19	4038	883	127	1079
Bruckner, Rudolph E., Mount Vernon, assignor to Commercial Acetylene Company, New York, N. Y. Gas-lamp.	854,027	May 21	3376	695	128	933
Bruckner, Rudolph E., Mount Vernon, assignor to Commercial Acetylene Company, New York, N. Y. Safety cut-off for storage lighting systems.	869,878	Nov. 5	11	3	131	6
Bruebach, August, Chicago, Ill. Guard for flasks.	868,963	Oct. 22	2766	763	130	2231
Brueckner, Friedrich E., Lawrence, Mass. Beer-faucet.	856,220	June 11	1494	315	128	2104
Brueggeman, Frank H., Norwood, assignor, by mesne assignments, of one-half to Acme Automatic Street Indicating Company, Cleveland, Ohio. Trolley-harp.	864,228	Aug. 27	3309	917	129	3206
Bruen, Edwin C., Brooklyn, N. Y. Truck.	848,804	Apr. 2	378	76	127	1685
Bruen, Edwin C., Brooklyn, N. Y. Vehicle.	873,711	Dec. 17	2862	609-10	131	1696
Bruen, Edwin C., Brooklyn, assignor of one-fourth to N. W. Henley, New York, N. Y. Forming plate-high linotype printing-plates.	872,794	Dec. 3	989	205	131	1324
Bruen, Henry L., Orange, N. J., assignor to Vaut Woud Rubber Company, New York, N. Y. Connection for bath-sprays and the like.	846,905	Mar. 12	2395	527	127	637
Bruetting, Ballo, et al. (See Naujoks, Carl and F. C., assignors.)						
Brugel, Ludwig, Baltimore Md. Combined cover and holder for drinking vessels.	862,802	Aug. 6	1162	313	129	2440
Brugel, Ludwig, and O. Passmann, Baltimore, Md. Fly-trap.	856,128	June 4	1305	273	128	2022
Bruhn, Bruno, Hamburg, Germany, assignor to H. Edmunds, London, England. Treatment of blast-furnace slags and other silicate mixtures for the production of cementitious material therefrom.	859,166	July 2	1317	.....	129	444
Brukenhaus, Robert, Haspe, near Hagen, Germany. Thermostat for centrally-heated plants.	865,862	Sept. 10	1740	485	130	576
Brumbaugh, Hamilton & Kellogg. (See Brumbaugh, Raymond, assignor.)						
Brumbaugh, Raymond, assignor to Brumbaugh, Hamilton & Kellogg, Fairbanks, Alaska. Coupling.	863,901	Aug. 20	2820	775	129	3028

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Brumley, Charles D., Norfolk, Va. Bed-canopy.....	870,541	Nov. 12	1049	286	131	370
Brun, Raoul, Havre, France. Connecting system for direct-current electric motors.....	865,011	Sept. 3	391	105	130	122
Brund, Suren J., Cottage Grove, Oreg. Wire-holder.....	862,444	Aug. 6	572	151	129	2268
Brundell, William, Portland, Oreg. Rope-clamp.....	867,106	Sept. 24	3614	1025	130	1224
Brundell, William, Portland, Oreg. Street-car sign.....	867,554	Oct. 1	495	142	130	1467
Brundin, Johan E., New York, N. Y. Bedbug-trap.....	844,919	Feb. 19	4372	934	126	2950
Brundrett, Arnold, Denison, Tex. Can-closure.....	842,444	Jan. 29	5403	1145	126	1531
Bruneau, John, Clichy, Paris, France. Vapor-burner.....	874,735	Dec. 24	4984	1049	131	2065
Brunel, Edouard. (See Gauvin, Cartier, and Brunel.)						
Bruner, A. G. (See McGee, Guy C., assignor.)						
Brunet, Léon, Brioude, France. Manufacture of antimony colors.....	857,978	June 25	4971	.....	128	3054
Brunhoff, Edward, and E. A. Kuen, assignors to Brunhoff Manufacturing Company, Cincinnati, Ohio. Cigar-tip cutter.....	862,386	Aug. 6	464	123	129	2232
Brunhoff Manufacturing Company. (See Brunhoff and Kuen, assignors.)						
Brunke, Benjamin J., Campbell, Nebr. Draft-equalizer.....	854,924	May 28	5145	1071	128	1414
Brunner, Burel A., Rockwall, Tex. Clothes-line.....	842,760	Jan. 29	6089	1284	126	1698
Brunner, Karl, and O. Bühring, Mannheim, Germany. Separator.....	867,240	Oct. 1	17	5-6	130	1322
Brunotte, Friedrich, Hamburg, Germany. Conveyor-grating.....	864,507	Aug. 27	3737	1041	129	3344
Bruns, Richard E., Chicago, Ill. Pressure-regulating valve.....	852,924	May 7	1141	235	128	291
Brunsmann, Anthony G., Cincinnati, Ohio. Vehicle-reach.....	847,548	Mar. 19	3660	807	127	985
Brunström, Henrik A., Somerville, Mass. Carpenter's bench.....	845,688	Feb. 26	5896	1244	126	3372
Brunswick-Balke-Collender Company. (See Cunningham, Patrick M., assignor.)						
Brunswick Refrigerating Company (See Whitaker, Richard, assignor.)						
Brush, Alanson P., Detroit, Mich. Jacketing system for engine-cylinders.....	841,846	Jan. 22	4136	891	126	1178
Brush, Alanson P., Detroit, Mich. Variable-speed friction mechanism.....	866,186	Sept. 17	2230	622	130	757
Brush, Alanson P., Detroit, Mich. Brake mechanism.....	866,328	Sept. 17	2443	682	130	825
Brush, Delano J., Columbus, Ohio. Railway-crossing signal.....	849,046	Apr. 2	863	176	127	1807
Brusis, Heinrich, Soest, Germany. Stretcher-supporting frame.....	874,159	Dec. 17	3807	802-3	131	1843
Brusseau, Fred A., Springfield, Mass. Clamp for base-ball covers.....	848,007	Mar. 26	4667	1017	127	1266
Brussow, Herman F., Whittier, Cal. Plow.....	843,257	Feb. 5	867	176	126	2014
Brussow, Herman F., Whittier, Cal. Plow.....	853,158	May 7	1572	327	128	397
Brust, Charlie A., and J. H. Du Bose, Memphis, Tenn. Truck.....	852,217	Apr. 30	7070	1477	127	3525
Brüstle, Georg, Stuttgart, Germany. Broom.....	865,293	Sept. 3	811	234	130	245
Bruyn, Paul de, Düsseldorf, Germany. Apparatus for measuring gas-pressure.....	841,618	Jan. 15	3656	793	126	1020
Bryan, Augustus M., Corsicana, Tex. Base-board.....	871,028	Nov. 12	1844	505	131	626
Bryan, Clarence H., Chicago, Ill. Chain rope or belt.....	873,208	Dec. 10	1874	393	131	1494
Bryan, Crockett L., Paducah, Ky. Cloth-cutting machine.....	846,777	Mar. 12	2128	467	127	572
Bryan, Daniel, Walton, Liverpool, England. Hardening leather.....	857,153	June 18	3334	.....	128	2610
Bryan, Edward C., et al. (See Emerson, Cyrus J., Jr., assignor.)						
Bryan, Harry E., Cadiz, Ohio. Scraper for cooking utensils.....	842,074	Jan. 22	4570	982	126	1278
Bryan, John H. B., Buffalo, assignor to Bryan Vacuum Moulding Machine Company, Lockport, N. Y. Molding-machine.....	852,494	May 7	218	39-40	128	63
Bryan, John H. B., Buffalo, N. Y., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Cooling device for friction-clutches.....	872,607	Dec. 3	602	127	131	1261
Bryan-Marsh Company. (See Flather, Robert B., assignor.)						
Bryau, Thomas A., et al. (See Hoerichs, Edward, assignor.)						
Bryan, Thomas F., Ponca, Okla. Ter. Side-draft attachment for road-graders.....	852,595	May 7	449	83	128	119
Bryan Vacuum Moulding Machine Company. (See Bryan, John H. B., assignor.)						
Bryan, William S., Decatur, assignor of one-sixth to W. S. Barlow, Gainesville, Tex. Baling-machine.....	875,652	Dec. 31	6905	1439-40	131	2386
Bryant, Arthur S., et al. (See Teague, Charles C., assignor.)						
Bryant, Charles H., Hammersmith, England. Trembler for induction-coils.....	853,001	May 7	1302	271	128	330
Bryant, Charles H., Twickenham, and A. Watling, London, England. Carbureter.....	842,170	Jan. 29	4796	1024	126	1370
Bryant, Clyde J., St. Louis, Mo. Temporary binder.....	854,074	May 21	3480	718	128	960
Bryant, Edward W., New York, N. Y., assignor of one-half to J. J. Corell, Norfolk, Va. System of shelf-supports.....	873,496	Dec. 10	2437	512	131	1591
Bryant Electric Company. (See Goodridge, Gilbert W., assignor.)						
Bryant Electric Company. (See Neilson, James P., assignor.)						
Bryant Electric Company. (See Peterson, Johann G., assignor.)						
Bryant Electric Company. (See Thomas, George B., assignor.)						
Bryant Electric Company. (See Thomas and Goodridge, assignors.)						
Bryant, Ellsworth, and H. J. Bery, Detroit, Mich. Commutator-grinder.....	855,877	June 4	843	174-5	128	1907
Bryant, Eugene A., Minneapolis, Minn. Metallic rod-packing.....	852,701	May 7	664	129	128	174
Bryant, Frank A., Seattle, Wash. Radiator for automobiles.....	840,295	Jan. 1	1010	221	126	271
Bryant, Frank L., New York, N. Y. Armillary sphere.....	855,226	May 28	5754	1198-9	128	1567
Bryant, Frederic J., New York, N. Y. Fire-escape.....	851,862	Apr. 30	6348	1324	127	3343
Bryant, Frederic J., New York, N. Y. Fire-escape.....	869,959	Nov. 5	118	33	131	39
Bryant, John M., Cleveland, Ohio. Thill-coupling.....	857,154	June 18	3334	704	128	2610
Bryant, Joseph D. (See Hanna and Bryant.)						
Bryant, Richard S., Columbus, Ohio. Wheel-rim.....	853,058	May 7	1401	292	128	356
Bryant, Richard S., assignor to Bryant Steel Wheel and Rim Company, Columbus, Ohio. Locking device for tire-retaining attachments.....	841,619	Jan. 15	3657	793	126	1020
Bryant Steel Wheel and Rim Company. (See Bryant, Richard S., assignor.)						
Bryant, William A., assignor of one-fourth to T. W. Rouse, Wetumpka, Ala. Reinforced concrete cross-tie.....	848,155	Mar. 26	4899	1069	127	1323
Bryant, William E., assignor to Michigan Lubricator Co., Detroit, Mich. Automatic oil-check for lubricator drain-passages.....	854,797	May 28	4875	1012-13	128	1343
Bryant, William E., assignor to Michigan Lubricator Co., Detroit, Mich. Float-valve for drain-cock plugs.....	855,932	June 4	952	197	128	1934
Bryant, William L., Springfield, Vt. Tachometer.....	857,979	June 25	4972	1051	128	3054
Bryarly, Harry, Rogers, Ohio. Lamp-bracket.....	841,308	Jan. 15	3064	663	126	866
Bryce, Alexander F., Chicago, Ill. Pneumatic tire.....	847,231	Mar. 12	3016	665	127	791
Bryce, Andrew R., et al. (See Borland, Franklin D., assignor.)						
Brydges, Samuel M., Nelson, British Columbia, Canada. Collar-button and sleeve-link.....	866,187	Sept. 17	2232	622	130	758
Brydges, Samuel M., Nelson, British Columbia, Canada. Collar-button.....	870,222	Nov. 5	553	148	131	181
Bryer, Frank, assignor of one-half to M. Jackman, Waterloo, Iowa. Sled-runner.....	848,805	Apr. 2	379	76	127	1685
Bryer, Frank, assignor of one-half to M. Jackman, Waterloo, Iowa. Railway-tie.....	848,806	Apr. 2	380	76	127	1686
Bryson, Henry K., Fayetteville, Tenn. Axle.....	845,516	Feb. 26	5558	1178	126	3288
Bryson, James W., New Castle, assignor to American Sheet & Tin Plate Company, Pittsburgh, Pa. Branning-machine.....	870,156	Nov. 5	437	120	131	143
Bryson, Milton D., Los Angeles, Cal. Ruler.....	846,006	Mar. 5	585	122	127	150
Bryson, William, Fifield, Wis. Saw-tool.....	857,438	June 18	3865	821	128	2742
Bubb, John B., Homer, Nebr. Wagon-brake.....	864,073	Aug. 20	3062	846-7	129	3100
Bubb, William T., Montoursville, Pa. Carpenter's tool.....	855,834	June 4	760	156	128	1886

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Bubear, Charles. (See Burnett and Bubear.)						
Bucci, Eugene, and Q. Cicchetti, Boston, Mass., assignors of one-third to J. Bucci, Providence, R. I. Fire-alarm.	860,442	July 16	3264	892	129	1141
Bucci, John. (See Bucci and Cicchetti, assignors.)						
Bucey, Finley A., Rayland, Ohio. Wrench.	853,222	May 14	1729	359	128	470
Buch, Edward F. (See Rehfuess and Buch.)						
Buch, Royer S., Elizabethtown, Pa. Chair.	868,640	Oct. 22	2264	626-7	130	2076
Buch, William F., Cleveland, Ohio. Safety appliance for hoisting mechanisms.	857,382	June 18	3766	797	128	2719
Buchan, Hugh G., Woodbridge, N. J. Loose-leaf binder.	849,973	Apr. 9	2628	549	127	2292
Buchanan, Benjamin F., Camden, N. J. Head-rest for barbers' chairs.	849,595	Apr. 9	1949	399	127	2120
Buchanan, Benjamin G., Ashland, Wis. Rail-joint.	848,156	Mar. 26	4901	1069	127	1324
Buchanan, Eleanora N., Portland, Oreg. Trunk-harness.	841,620	Jan. 15	3659	793	126	1021
Buchanan, John A., et al. (See Rector, Bradley S., assignor.)						
Buchanan, John D., Rubyville, assignor of one-half to J. K. Jeffries, Memphis, Tenn. Excavating-machine.	854,925	May 28	5145	1071-2	128	1414
Buchanan, John J. (See Maltby and Buchanan.)						
Buchanan, John J., assignor to Waterbury Buckle Co., Waterbury, Conn. Buckle.	856,678	June 11	2447	503	128	2348
Buchanan, Leonard B., Woburn, Mass. Electric fuse or cut-out.	851,157	Apr. 23	4892	1029	127	2946
Buchanan, Leonard B., Woburn, Mass. Massage implement.	852,163	Apr. 30	6969	1455	127	3499
Buchanan, Leonard B., Woburn, Mass. Indicating device for electric fuses or cut-outs.	852,539	May 7	325	58	128	89
Buchanan, Leonard B., Woburn, Mass. Electric fuse or cut-out.	853,296	May 14	1884	390	128	513
Buchanan, Leonard B., Woburn, Mass. Indicating mechanism for electric fuses or cut-outs.	854,327	May 21	3953	817	128	1084
Buchanan, Leonard B., Woburn, Mass. Rail-bond protector.	854,328	May 21	3956	817	128	1084
Buchanan, Mitchell T. (See Lutes, Lewis I., assignor.)						
Buchanan, Robert, et al. (See Rothchild, Joseph, assignor.)						
Bucher & Gibbs Flow Co. (See Barker, William C., assignor.)						
Bücher, William F., Washington, D. C. Milk-sampler.	854,563	May 21	4401	913	128	1194
Bucherer, Charles, et al. (See Graeve, Louis von, assignor.)						
Bucherer, Frederick, Bayonne, N. J. Power-transmitting mechanism.	873,838	Dec. 17	3143	669-70	131	1739
Bucherer, Max, Elberfeld, Germany. Engine with rotary cylinders.	860,899	July 23	3983	1091	129	1410
Buchfeld, Robert, Elberfeld, Germany. Mouth-wedge.	861,356	July 30	4718	1228	129	1686
Buchheit, John, Fair Grove, Mo. Vehicle-shaft.	853,395	May 14	2078	431	128	565
Buchhold, Rudolph, Louisville, Ky. Rack for drying leather.	850,131	Apr. 16	2926	611	127	2404
Buchhop, Ferdinand, and H. Niemann, New York, N. Y. Focusing-hood for cameras.	864,406	Aug. 27	3569	992	129	3286
Buchner, Max, Mannheim-Waldhof, Germany. Treatment of corundum.	848,439	Mar. 26	5460	.....	127	1464
Buchner, Max, Mannheim, Germany. Manufacture of ceramic products.	853,341	May 14	1983	.....	128	543
Buchstein, Ferdinand, Minneapolis, Minn. Artificial leg.	850,994	Apr. 23	4571	958	127	2865
Buck, Arthur A., Schenectady, N. Y., assignor to General Electric Company. Operating bulkhead-doors.	853,765	May 14	2825	581	128	759
Buck, Carl F., Salt Lake City, Utah. Printing-press.	861,706	July 30	5256	1444-6	129	1849
Buck, Charles H. (See Holland and Buck.)						
Buck, Charles T., Waukegan, Ill. Rail-joint.	865,995	Sept. 17	1942	543	130	668
Buck, Daniel J. F., Chicago, Ill. Heating apparatus.	851,400	Apr. 23	5395	1131	127	3072
Buck, Fred, assignor to Lufkin Rule Company, Saginaw, Mich. Tape-measure.	873,712	Dec. 17	2865	610	131	1697
Buck, Fred M., Vacaville, Cal. Remedy for pear-blight.	864,074	Aug. 20	3062	.....	129	3100
Buck, Isaiah D., Philadelphia, Pa. Clothes-washer.	867,873	Oct. 8	996	283	130	1637
Buck, James W., New York, N. Y. Attachment for horseshoes.	848,721	Apr. 2	202	41	127	1639
Buck, Joseph F. and L. F., Camden, N. J. Window-screen and the like.	853,862	May 14	3020	620	128	806
Buck, Leo F. (See Buck, Joseph F. and L. F.)						
Buck, Leon H. (See Doerflinger and Buck.)						
Buck, Taylor S., New York, N. Y. Check-protector stamp.	851,062	Apr. 23	4703	989	127	2899
Buck, Taylor S., New York, N. Y. Stamp.	870,223	Nov. 5	553	148	131	181
Buck, Thad E. (See Hickson, Joseph, assignor.)						
Buck, William L., New York, N. Y. Power-transmission mechanism.	874,828	Dec. 24	5143	1083	131	2096
Buckbee, Charles E., Flushing, Mich. Rotating bracket for the suspension of electric wires.	873,700	Dec. 10	2833	603	131	1659
Buckbee, Edward J., et al. (See Strong, Earl T., assignor.)						
Buckbee, John C., Chicago, Ill., assignor to Allis-Chalmers Company, Milwaukee, Wis. Motor-tipped slag-car.	863,259	Aug. 13	1871	504	129	2697
Buckborough, Purlan, Brantford, Ontario, Canada. Fabric-roll protector.	874,160	Dec. 17	3811	803	131	1843
Bucke, Julius A., Lincoln, Ill. Powder-box.	843,438	Feb. 5	1183	248	126	2087
Buckel, Henry J., Mishawaka, Ind. Segment-mitering machine.	856,842	June 11	2732	567	128	2419
Buckeye Wheel Company. (See Unckrich, Ferdinand F., assignor.)						
Buckham, George T. (See Dawson and Buckham.)						
Buckham, John F., et al. (See Gilchrist, Luther M., assignor.)						
Buckingham, Benjamin J., Chicago, Ill. Garment-holder.	847,644	Mar. 19	3874	847	127	1039
Buckingham, Charles L., assignor of one-half to R. B. McConney, Denver, Colo. Filter for separating solutions from ore-pulp.	871,860	Nov. 26	3595	879	131	980
Buckingham, Lee, et al. (See Ries, Frank, assignor.)						
Buckio, F. L., et al. (See Thompson, Carl P., assignor.)						
Buckius, Albert O., Jr., Chicago, Ill., assignor to Malleable Castings Company, Cleveland, Ohio. Journal box and lid.	851,063	Apr. 23	4704	989-90	127	2899
Buckland, Alfred L., Marietta, Minn. Salt and pepper shaker.	855,278	May 28	5851	1219	128	1592
Buckland, Annie J. (See Buckland, Henry and A. J.)						
Buckland, Charles, Habana, Cuba. Auxiliary felly and tire.	856,027	June 4	1120	233	128	1977
Buckland, Henry and A. J., Kiatoa, Waikouaiti, New Zealand. Adjustable stand.	856,679	June 11	2448	503	128	2348
Buckland, Sanford T., Hebron, Ohio. Cement-mold.	845,610	Feb. 26	5720	1211	126	3328
Buckler, Arthur, Philadelphia, Pa. Loom-shuttle.	871,911	Nov. 26	3690	901	131	997
Buckley, James, Pittsburg, Pa. Cooking utensil.	862,132	Aug. 6	17	5	129	2085
Buckley, John, Waterbury, Conn. Nail and rivet machine.	846,393	Mar. 5	1336	294-6	127	337
Buckley, John, and J. Sherry, assignors, by mesne assignments, to Sterling Lubricator Company, Rochester, N. Y. Lubricator.	844,324	Feb. 19	2944	627-8	126	2602
Buckley, John P., New York, N. Y. Electromagnetic press.	870,012	Nov. 5	223	60	131	79
Buckley, John P., Dayton, Ohio. Hose-nozzle.	871,256	Nov. 19	2309	603	131	751
Buckley, Matthew P., Watertown, Ill. Disk attachment for cultivators.	840,606	Jan. 8	1663	365	126	470
Buckley, Thomas J., Chicago, Ill. Automatic relief-valve.	874,736	Dec. 24	4985	1049	131	2066
Bucklin, Harry, Rochester, N. Y. Fluid-mixer.	874,737	Dec. 24	4986	1050	131	2066
Buckman, Benjamin J., Newfield, N. J. Rocking-chair.	868,324	Oct. 15	1746	492	130	1888
Bückmann, August and O., Odenkirchen, Germany. Feeding device for textile fabrics, paper, &c.	847,645	Mar. 19	3876	847	127	1039
Bückmann, Otto. (See Bückmann, August and O.)						
Bucknall, Joseph A., Detroit, Mich. Weed-digger.	840,903	Jan. 8	2233	491	126	611
Bucknam, Ezra S., assignor to J. A. Brill, Philadelphia, Pa. Car-window.	855,933	June 4	953	197-8	128	1934
Bucknam, Ezra S., assignor to J. A. Brill, Philadelphia, Pa. Car.	874,568	Dec. 24	4647	975-6	131	2010

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Buckner, Edmund G. (See Winter, Augustus G., assignor.)						
Buckner, William T., Shelbyville, Ky. Syringe.....	871,474	Nov. 19	2804	705	131	825
Bucknum, William H., Morrisville, Pa. Cue.....	861,158	July 23	4376	1201	129	1538
Bucks, Walter L., Blooming Prairie, Minn. Address-printing attachment.....	840,429	Jan. 1	1295	284	126	338
Buckwalter, Cyrus L., Loudonville, Ohio. Air-ship.....	861,017	July 23	4181	1145	129	1474
Buckwalter, Elliott R., Laurens, Iowa. Windlass attachment.....	857,326	June 18	3654	774	128	2692
Buckwalter, Frank B., et al. (See Skidmore, Charles, assignor.)						
Buckwalter, Tracy V., Altoona, Pa. Fishing-reel.....	842,761	Jan. 29	6091	1285	126	1698
Buckwell, Arthur W., New York, assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.....	869,547	Oct. 29	3685	1010	130	2543
Bucyrus Company. (See Ferris, Walter, assignor.)						
Bucyrus Company. (See Ferris and Allen, assignors.)						
Bucyrus Company. (See Ferris and Bager, assignors.)						
Bucyrus Company. (See Knox, Samuel L. G., assignor.)						
Buda Foundry & Manufacturing Company. (See Gard, John J., assignor.)						
Budd, Earl J., Kettle Falls, Wash. Boiler-leveler.....	866,910	Sept. 24	3301	931	130	1129
Budd, Edward G., assignor to Hale-Kilburn Metal Company, Philadelphia, Pa. Frame-joint.....	844,245	Feb. 12	2753	586-7	126	2516
Budd, Edward G., assignor to Hale-Kilburn Metal Company, Philadelphia, Pa. Metallic door.....	861,572	July 30	5057	1388	129	1791
Budd, Edward G., assignor to Hale-Kilburn Metal Company, Philadelphia, Pa. Rail connection for car-seats and the like.....	849,657	Apr. 9	2060	422	127	2148
Budd, Edward G., assignor to Hale-Kilburn Metal Company, Philadelphia, Pa. Seat end.....	849,596	Apr. 9	1951	399	127	2120
Budd, Edward G., assignor to Hale-Kilburn Metal Company, Philadelphia, Pa. Metallic window-frame.....	861,573	July 30	5059	1388	129	1791
Budd, Edward G., assignor to Hale-Kilburn Metal Company, Philadelphia, Pa. Cushion partitioning.....	862,538	Aug. 6	747	199	129	2316
Budd, Edward G., assignor to Hale-Kilburn Metal Company, Philadelphia, Pa. Metallic partitioning.....	863,779	Aug. 20	2625	726	129	2966
Budd, Edward G., and C. A. Condé, assignors to Hale-Kilburn Metal Company, Philadelphia, Pa. Car-seat.....	842,298	Jan. 29	5056	1079	126	1434
Budde & Westermann. (See Müller and Zipprich, assignors.)						
Budden, Henry. (See Nourse, Rufus C., assignor.)						
Buddenborg, Henry B., assignor of one-half to M. Lara, Seattle, Wash. Dredging apparatus.....	845,689	Feb. 26	5897	1245	126	3372
Buder, Siegfried, Halensee, near Berlin, Germany. Apparatus for use in the cleaning of carpets and the like by suction.....	859,914	July 16	2460	669	129	880
Buder, Siegfried, Halensee, near Berlin, Germany. Pneumatic sweeper.....	859,915	July 16	2461	670	129	880
Budenheim, Harry, Washington, D. C. Match-safe.....	842,621	Jan. 29	5773	1219	126	1621
Budlong, Irving J., Aurora, Ill., assignor to American Wood Working Machinery Company, Rochester, N. Y. Wood-planing machine.....	863,505	Aug. 13	2219	599-600	129	2807
Bueb, Julius, Dessau, Germany, assignor to Roessler & Hasslacher Chemical Company. Cyanid briquet and making same.....	859,482	July 9	1798	.....	129	636
Buell, Charles E., North Plainfield, N. J., assignor to General Fire Extinguisher Company, New York, N. Y. Automatic sprinkler.....	843,130	Feb. 5	596	126	126	1947
Buell, Charles E., North Plainfield, N. J., assignor to General Fire Extinguisher Company, New York, N. Y. Fire-extinguisher.....	851,863	Apr. 30	6349	1324	127	3343
Buell, Charles E., North Plainfield, N. J., assignor to General Fire Extinguisher Company, New York, N. Y. Fire-extinguishing apparatus.....	869,415	Oct. 29	3473	954	130	2478
Buell, Charles E., North Plainfield, N. J., assignor to General Fire Extinguisher Company, New York, N. Y. Automatic sprinkler.....	871,105	Nov. 19	1980	541	131	701
Buell, Charles W., Asherville, Kans. Podder-tie.....	863,018	Aug. 13	1478	403	129	2575
Buell, Young K., New York, N. Y. Receptacle for powdered substances.....	873,497	Dec. 10	2440	513	131	1591
Buelna, Guadalupe, and A. R. Poett, Santa Barbara, Cal. Sprinkler.....	871,029	Nov. 12	1844	505	131	627
Buente, Christian F. W. (See Hotchkiss, Joseph V., assignor.)						
Buerger, Karl B., Beaver, Pa. Needle-threading device.....	853,766	May 14	2828	581	128	760
Buergermeister, Emil, and E. E. Flicke, Milwaukee, Wis.; said Flicke assignor to said Buergermeister. Pan-supporting rack.....	841,116	Jan. 15	2688	587	126	772
Buescher, Ferdinand A., Elkhart, Ind. Wind musical instrument.....	869,619	Oct. 29	3814	1044	130	2582
Buettner, Andrew. (See Broekhuis and Buettner.)						
Bufe, Arno, Moline, Ill. Screen.....	856,221	June 11	1496	315	128	2105
Buffalo Forge Company. (See Carrier, Willis H., assignor.)						
Buffalo Forge Company. (See Gerlach, Robert, assignor.)						
Buffalo Gas Generator and Manufacturing Company. (See Schell, Charles F., assignor.)						
Buffalo Gas Generator and Manufacturing Company. (See Schrader, John R., assignor.)						
Buffalo Gasolene Motor Company. (See Blair, William E., assignor.)						
Buffalo Leather Co. (See Smith, William R., assignor.)						
Buffalo Manufacturing Company. (See Abbott, Frank E., assignor.)						
Buffalo Pitts Company. (See Vraalstad, Edward J., assignor.)						
Buffalo Specialty Company. (See Brown, Egbert T., assignor.)						
Buffalo Valve Company. (See Stock, Robert, assignor.)						
Buffington, Charles R., Saco, Mont. Sheep-hook.....	840,555	Jan. 8	1560	344	126	443
Buffington, Elisha W., assignor of one-half to M. M. Huggett, Fall River, Mass. Clamp for electric wires.....	864,947	Sept. 3	287	77	130	92
Bühle, Erich, New York, N. Y., assignor to Pelton Water Wheel Co., San Francisco, Cal. Turbine.....	865,863	Sept. 10	1741	485	057	613
Buhles, William C. (See Landsberger and Buhles.)						
Buhlmann, Dora, Kaiserslautern, Germany. Apparatus for cooling, moistening, and purifying the air in rooms.....	847,232	Mar. 12	3018	665	127	792
Buhlmann, Dora, Eltville, Germany. Cooking-stove.....	864,508	Aug. 27	3739	1041	129	3345
Buhoup, Harry C., Chicago, Ill. Car construction.....	859,916	July 16	2462	670	129	880
Buhoup, Harry C., Chicago, Ill. Side frame for car-trucks.....	869,416	Oct. 29	3476	955	130	2478
Bühning, Otto. (See Brunner and Bühning.)						
Buhse, Alexander F. (See Buhse, Maximilian E., W. W., H. L., and A. F.)						
Buhse, Henry L. (See Buhse, Maximilian E., W. W., H. L., and A. F.)						
Buhse, Maximilian E., W. W., H. L., and A. F., Minneapolis, Minn. Candy-wrapping machine.....	848,344	Mar. 26	5279	1151-3	127	1419
Buhse, Walter W. (See Buhse, Maximilian E., W. W., H. L., and A. F.)						
Buick Motor Company. (See O'Brien, Frank, assignor.)						
Builders' Iron Foundry. (See Anderson, Nils H., assignor.)						
Builders' Iron Foundry. (See Gregory, Jackson, and Connet, assignors.)						
Bujewski, Albert, St. Louis, Mo. Weather-strip.....	872,642	Dec. 3	678	141-2	131	1274
Bujewski, Emil, St. Louis, Mo. Window-sash holder.....	843,439	Feb. 5	1184	249	126	2088
Büky, Aurel. (See Fodor and Büky.)						
Bulkley, Frank M., Bridgeport, Conn. Clip for holding papers, clothing, &c.....	850,903	Apr. 23	4420	924	127	2830

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Bull, C. H. (See Mern, John P., assignor.)						
Bull, Harcourt W., Springfield, Mass. Hammer-retracting device.....	855,227	May 28	5757	1199	128	1567
Bull, Mattie E., et al. (See Richter, Edward, assignor.)						
Bull, William B. (See Bacon, Daniel, assignor.)						
Bull, William C., Camden, N. J., assignor of one-sixth to W. J. Robertson, Jr. Folding go-cart.....	861,203	July 23	4447	1220	129	1562
Bullard, Frank D., Los Angeles, Cal. Feeding attachment for type-writers.....	852,100	Apr. 30	6845	1429	127	3468
Bullard, Herbert A., San Francisco, Cal. Safety-razor.....	851,341	Apr. 23	5279	1106	127	3042
Bullard, James H., Springfield, Mass. Adjustable shaft-support.....	845,513	Feb. 26	5553	1177	126	3287
Bullard Machine Tool Company. (See Henrikson, Emanuel, assignor.)						
Bullard, Robert G., Bremen, Ga. Door-hanger for car-doors.....	854,564	May 21	4403	913-14	128	1195
Bullard, Thomas P., Richmond, Va. Hydraulic motor.....	865,078	Sept. 3	496	137	130	150
Bulley, George W., New York, N. Y. Gas-producer.....	870,271	Nov. 5	620	167	131	202
Bulley, George W., New York, N. Y. Generating gas.....	871,202	Nov. 19	2189	581	131	733
Bullinger, Frank, Kansas, Ohio. Corn-fodder tie.....	860,727	July 23	3714	1017	129	1322
Bullinger, John A. (See Marshall, William, assignor.)						
Bullington, Levi B., Dexter, Kans. Fluid and oil burner.....	856,334	June 11	1754	364	128	2171
Bullis, Jannette, New York, N. Y. Bathing-suit.....	873,713	Dec. 17	2868	610	131	1697
Bullitt, George T. (See Cisco, James E., assignor.)						
Bullitt, J. J. (See Cisco, James E., assignor.)						
Bullock, Amasa M., Vancouver, British Columbia, Canada. Clothes-drying device.....	854,267	May 21	3852	796	128	1056
Bullock, Arthur R., assignor to Excelsior Spark Plug Co., Cleveland, Ohio. Spark-plug for explosive-engines.....	844,495	Feb. 19	3286	709	126	2687
Bullock, Edwin E., Lisbon, N. D. Boulevard and speed wagon.....	839,986	Jan. 1	369	80	126	101
Bullock Electric Company. (See Cooper and Johnson, assignors.)						
Bullock Electric Company. (See Pomeroy, William D., assignor.)						
Bullock Electric Manufacturing Company. (See Beekley, Henry C., assignor.)						
Bullock Electric Manufacturing Company et al. (See Bogen, Louis E., assignor.)						
Bullock Electric Manufacturing Company et al. (See Brown, Arthur J., assignor.)						
Bullock Electric Manufacturing Company et al. (See Behrend, Bernard A., assignor.)						
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Bullock Electric Manufacturing Company. (See Bouché, William F., assignor.)						
Bullock Electric Manufacturing Company et al. (See Cheney, Herbert W., assignor.)						
Bullock Electric Manufacturing Company. (See Crocker, Clarence T., assignor.)						
Bullock Electric Manufacturing Company et al. (See Fleming, Carl, assignor.)						
Bullock Electric Manufacturing Company et al. (See Frankenfeld, Budd, assignor.)						
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Bullock Electric Manufacturing Company et al. (See Mattman, Emil, assignor.)						
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Bullock Electric Manufacturing Company et al. (See Tatum, Lewis L., assignor.)						
Bullock Electric Manufacturing Company. (See Williamson, Robert B., assignor.)						
Bullock Electric Manufacturing Company et al. (See Wright, Edwin C., assignor.)						
Bullock, George, Poplar Bluff, Mo. Eye-exerciser.....	843,663	Feb. 12	1654	351	126	2242
Bullock, John L., Hester, N. C. Tobacco-curing apparatus.....	842,171	Jan. 29	4800	1024	126	1371
Bulman, Elvah O., Grand Rapids, Mich. Curtain-supporting bracket.....	856,391	June 11	1895	390	128	2209
Bulman, William V., Philadelphia, Pa. Die-stock holding and operating device.....	845,514	Feb. 26	5554	1177	126	3287
Bulmer, George D., Duquesne, assignor of one-fourth to J. Johnston, Homestead, Pa. Blast-furnace.....	858,949	July 2	995	260	129	341
Bulova, Joseph, New York, N. Y. Bracelet.....	842,935	Feb. 5	191	43	126	1837
Bultman, Henry D., assignor to Consolidated Dental Manufacturing Company, New York, N. Y. Crown-pin for dental work.....	868,964	Oct. 22	2767	763	130	2231
Bultmann, William F., Elgin, Ill. Reed-organ.....	866,711	Sept. 24	2996	850	130	1026
Bumbaugh, Albert A., Fort Wayne, Ind. Horseshoe.....	852,540	May 7	327	58	128	90
Bump, Arthur L., Governor's Island, N. Y. Range-determining device.....	840,904	Jan. 8	2233	492	126	611
Bump, Everett H., Grinnell, Iowa. Fat-cutting machine.....	851,614	Apr. 23	5815	1215	127	3174
Bump, Lucius. (See Capener, Bump, Gust, and Shields.)						
Bunce, Earl M., Fenton, Mich. Apparatus for burning fuel in furnaces.....	854,798	May 28	4877	1013	128	1343
Bunch, Austin W., Spring Hill, Tenn. Clothes-pin.....	858,792	July 2	743	196	129	255
Bunch, Walter R., Weatherford, Tex. Combined hydrant and stop and waste cock.....	866,329	Sept. 17	2444	682	130	825
Bundgens, Franz. (See Bohn and Bundgens.)						
Bundy, Cyrus L., Chicago Heights, Ill. Combined door hanger and track.....	855,691	June 4	476	99	128	1817
Bundy, Henry A. (See Emerick and Bundy.)						
Bundy, Lawrence A., Atlanta, Kans. Rail-joint.....	867,012	Sept. 24	3465	981	130	1182
Bundy Manufacturing Company. (See Rath, Frank, assignor.)						
Bundy, Walter S., St. Louis, Mo. Dish-washer.....	851,584	Apr. 23	5762	1204-5	127	3163
Bundy, Willard L., Binghamton, N. Y., assignor, by mesne assignments, to International Time Recording Company. Time-recorder.....	845,216	Feb. 26	4957	1053-4	126	3141
Bunet, Paul. (See Mix and Bunet.)						
Bunet, Paul, Paris, France, assignor to General Electric Company. Induction-motor.....	852,702	May 7	666	130	128	174
Bunge, Julius H. O., Buffalo, N. Y. Stuffing-box.....	853,059	May 7	1403	292	128	356
Bunker, Charles A., Marion, Ind. Machine for marking laundry.....	860,443	July 16	3266	892-3	129	1142
Bunker, John W., assignor to Bunker Truss Company, New York, N. Y. Hernial truss.....	861,257	July 30	4543	1242-3	129	1623
Bunker Truss Company. (See Bunker, John W., assignor.)						
Bunnell, Louis E., and A. J. Hooker, Cincinnati, Ohio. Heel-lift pasting and delivering machine.....	861,258	July 30	4546	1243	129	1624
Bunnell, Marcellus J., Taylor, Tex. Refrigerator.....	856,568	June 11	2230	459	128	2292
Bunnell, Morton G., Chicago, assignor to Western Wheeled Scraper Co., Aurora, Ill. Automobile ditching and grading machine.....	841,073	Jan. 8	2571	562-3	126	698
Bunnell, Morton G., Chicago, assignor to Western Wheeled Scraper Co., Aurora, Ill. Jaw-crusher.....	845,028	Feb. 19	4581	975	126	3003
Bunnell, Morton G., Chicago, assignor to Western Wheeled Scraper Company, Aurora, Ill. Crushing-machine.....	863,833	Aug. 20	2710	747-8	129	2993

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Bunning, John W. P., Philadelphia, Pa. Combination-garment.....	874,487	Dec. 24	4466	941-2	131	1984
Bunse, Carl. (See Gellert and Bunse.)						
Bunting, Henry C., Dunbar, Pa. Leveling device.....	866,429	Sept. 17	2583	721	130	872
Bunton, Samuel E., Van Horn, Tex. Wire stretching and twisting apparatus.....	847,153	Mar. 12	2866	631	127	754
Buntrock, Otto H., Wausau, Wis. Wagon-bolster and standard.....	847,159	Mar. 12	2866	631	127	755
Bunyan, Charles A. (See Silver and Bunyan.)						
Bunzl, Ernest, <i>et al.</i> (See Kuhn, Edmond, assignor.)						
Bunzl, Gustav, <i>et al.</i> (See Kuhn, Edmond, assignor.)						
Burbank, Charles G. (See Dunn, George B., assignor.)						
Burbank, George A., and C. B. Carr, St. Johnsbury, Vt. Making scale-loops.....	869,135	Oct. 22	3022	835	130	2310
Burbank, Henry L., and J. W. Manson, Akron, Ohio. Drawing-board.....	870,224	Nov. 5	555	149	131	182
Burbank, Stephen F., Wilmington, N. C. Combined electric connector and switch.....	870,490	Nov. 5	970	266	131	314
Burberry, Thomas N., London, England. Manufacture of cloth.....	863,780	Aug. 20	2627	727	129	2967
Burch, Charles E., Minneapolis, Minn. Perforating or scoring device for printing-presses.....	852,315	Apr. 30	7237	1520	127	3565
Burch, Frederick W., Pueblo, Colo. Stockman's combination bed-sheet, tent, and sleeping-bag.....	872,404	Dec. 3	176	34-5	131	1196
Burch, Smith W., Voluntown, Conn. Eyeglasses.....	842,762	Jan. 29	6092	1285	126	1699
Burch, William R., Chicago, Ill. Surgical needle.....	861,159	July 23	4378	1201	129	1538
Burchall, William B., Stockport, England. Internal-combustion engine.....	842,844	Jan. 29	6250	1320	126	1736
Burchard, Seneca B. (See Farrington and Burchard.)						
Burchartz, Ferdinand, New York, N. Y. Flooring.....	875,318	Dec. 31	6152	1284	131	2277
Burckfield, Albert H. (See Watkins, John E., assignor.)						
Burckfield, Benjamin F., and E. Conner, Athens, Ohio. Cooking vessel.....	866,911	Sept. 24	3301	932	130	1130
Burckhardt, Rudolf. (See De La Harpe and Burckhardt.)						
Burden, William H., Detroit, Mich. Hat-holding device.....	855,279	May 28	5853	1220	128	1593
Burdett, Bennie W., and G. W. Goodwin, Jr., Simpsonville, S. C. Planter and fertilizer-distributor.....	846,726	Mar. 12	2017	443-4	127	543
Burdett, George A., assignor to W. T. Abbott, trustee, Boston, Mass. Liquid-applying device.....	850,814	Apr. 16	4220	887	127	2736
Burdett-Rowntree Manufacturing Company. (See Forman, Paris R., assignor.)						
Burdett-Rowntree Manufacturing Company. (See Rowntree, Harold, assignor.)						
Burdick, Albert C., Portland, Ore. Machine for shaping prunes.....	842,075	Jan. 22	4571	982	126	1278
Burdick, Byron D., Westerly, R. I. Envelop-moistener and the like.....	851,115	Apr. 23	4795	1009	127	2920
Burdick-Corbin Company. (See Burdick, Leo J., assignor.)						
Burdick, Frank L., administrator. (See Burdick, Leo J.)						
Burdick, Gordon G., assignor of one-half to C. Ford, Chicago, Ill. Sewer-trap.....	843,069	Feb. 5	447	97	126	1906
Burdick, John, and C. A. Churchill, Browning, Mont. Non-refillable bottle.....	862,707	Aug. 6	1002	268-9	129	2392
Burdick, Leo J., Los Angeles, Cal. Coin-register.....	842,853	Feb. 5	15	3-4	126	1790
Burdick, Leo J., deceased; F. L. Burdick, administrator, Sturgis, Mich., assignor to Burdick-Corbin Company, Hartford, Conn. Check-register.....	861,259	July 30	4547	1243-4	129	1624
Burdine, Lyman E. (See Bacon, Harry A., assignor.)						
Burdon, Willis C., assignor of forty-nine one-hundredths to C. H. Jenkins and T. W. Moran, jointly, Louisville, Ky. Trolley-controller.....	849,457	Apr. 9	1652	335	127	2048
Burg, Hubert, Mollkirch, near Rosheim, Germany. Cryptographic machine.....	842,763	Jan. 29	6094	1285-6	126	1699
Burg, Hubert, Mollkirch, Germany. Cryptograph.....	845,515	Feb. 26	5556	1177	126	3288
Burg, Louis, Dallas City, Ill. Ball-bearing.....	846,727	Mar. 12	2019	444	127	543
Burg, Louis, Dallas City, Ill. Axle-box.....	861,432	July 30	4863	1333	129	1726
Burgard, Jacob L., assignor of one-half to H. Bollin, Chicago, Ill. Electric curling-iron.....	850,904	Apr. 23	4421	924	127	2830
Burge, Fred, New Haven, Conn. Pile-driver.....	870,762	Nov. 12	1421	386	131	493
Burger, Franz, assignor of three-fourths to H. M. Williams, Fort Wayne, Ind. Compound steam-turbine.....	840,039	Jan. 1	488	106	126	132
Burger, Franz, assignor of three-fourths to H. M. Williams, Fort Wayne, Ind. Centrifugal gas separator and scrubber.....	861,634	July 30	5153	1414	129	1820
Burger, Franz, assignor of three-fourths to H. M. Williams, Fort Wayne, Ind. Rotary combustion-engine.....	871,030	Nov. 12	1845	505-6	131	627
Burger, Franz, assignor of three-fourths to H. M. Williams, Fort Wayne, Ind. Variable gearing.....	874,657	Dec. 24	4820	1012	131	2040
Burger, Franz, and H. M. Williams, Fort Wayne, Ind.; said Burger assignor of one-half to said Williams. Superheating-boiler.....	839,808	Jan. 1	17	4	126	7
Burger, Reinhold, Berlin, Germany, assignor, by mesne assignments, to American Thermos Bottle Company, New York, N. Y. Double-walled vessel with a space for a vacuum between the walls.....	872,795	Dec. 3	991	206	131	1325
Burger, Roy C. (See Russell, Milo M., assignor.)						
Burgesson, Emrick C., Sweden, Wis. Sled-runner.....	861,948	July 30	5630	1560-1	129	1964
Burgess, Arthur, and J. G. and M. O. Rehfuess, assignors to J. H. Bromley, Philadelphia, Pa. Embroidering-machine.....	842,854	Feb. 5	25	4-5	126	1796
Burgess, Benjamin, Danville, Ill. Auxiliary draw-bar hook.....	875,319	Dec. 31	6154	1284	131	2277
Burgess, Carl E., Bluffton, Ind. Rail-fastening tie.....	861,304	July 30	5422	1494	129	1898
Burgess, Charles, Jr., Wenona, Ill. Vehicle-spring.....	857,383	June 18	3768	797	128	2720
Burgess, Charles F., Yreka, Cal. Furnace for reducing cinnabar ore.....	845,690	Feb. 26	5901	1246	126	3374
Burgess, Charles P., <i>et al.</i> (See Mongrain, Edward, assignor.)						
Burgess, May, Green Bay, Wis. Dough-raiser.....	850,815	Apr. 16	4222	887	127	2737
Burget, Sygmunt. (See Zulinke and Burget.)						
Burgett, Storm A., Aurora, Ill. Attachment for carpenters' squares.....	862,445	Aug. 6	573	151	129	2269
Burgoyne, Charles L., Norwood, Ohio. Knockdown sailing attachment for rowboats.....	840,198	Jan. 1	823	181	126	220
Burhans, Paul C., Phoenix, N. D. Fire-escape.....	872,050	Nov. 26	4033	967	131	1043
Burhop, John H., Pyatt, Ark. Mowing-machine.....	871,203	Nov. 19	2192	582	131	733
Burk, Albro, <i>et al.</i> (See Comer, George G., assignor.)						
Burk, George W. (See Anderson, John W., assignor.)						
Burk, Lemon O. (See Thomas and Burk.)						
Burk, Louis, Philadelphia, Pa. Preparing ham for market.....	844,096	Feb. 12	2449	524	126	2438
Burk, Sidney M., Philadelphia, Pa. Electric-conductor molding.....	866,770	Sept. 24	3101	873	130	1069
Burkart, William, <i>et al.</i> (See Bristow, Ralph E., assignor.)						
Burke, Benjamin F., assignor of one-half to M. Corbett, Chicago, Ill. Artificial bait.....	849,367	Apr. 9	1495	303	127	2004
Burke, Benjamin F., assignor of one-half to M. Corbett, Chicago, Ill. Weed-guard for fish-hooks.....	859,045	July 2	1141	305	129	388
Burke, Charles G. and E. J., Brooklyn, N. Y., assignors of one-half to J. Q. A. Whittemore, Boston, Mass. Telephone system.....	846,394	Mar. 5	1344	296-7	127	339
Burke, Charles R. (See Downes, James D., assignor.)						
Burke, Charles R. (See Ryan and Burke.)						
Burke, Edward J. (See Burke, Charles G. and E. J.)						
Burke, Edward J., Brooklyn, N. Y. Telephone system.....	853,002	May 7	1303	272	128	330
Burke, George P. (See Summers and Burke.)						
Burke, Henry B., Windber, Pa. Mail-transfer device.....	871,475	Nov. 19	2806	706	131	825
Burke, James F. (See Jones, Ralph H., assignor.)						
Burke, John C., Ironton, Ohio. Clock.....	864,075	Aug. 20	3063	847	129	3100

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Burke, Richard W. (See Georgenson and Burke.)						
Burke, Thomas F., Lowellville, Ohio. Fastener-button for lacing terminals.....	874,161	Dec. 17	3812	804	131	1843
Burke, Thomas J., New Orleans, La. Railway-switch.....	862,803	Aug. 6	1162	313	129	2440
Burke, Walter D., St. Louis, Mo. Water-carousel.....	840,905	Jan. 8	2235	492	126	612
Burkett, John W., Kansas City, Kans., assignor to Kansas City Hay Press Company. Reversing mechanism for power-shafts.....	850,995	Apr. 23	4573	958	127	2865
Burkhardt, John W., Kansas City, Mo., assignor to Kansas City Hay Press Company. Gas-engine.....	865,677	Sept. 10	1435	407	130	468
Burkhardt, Franklin P., Springfield, Ohio, assignor to Anderson Tool Company, Anderson, Ind. Meat-slicer.....	857,155	June 18	3336	704	128	2610
Burkhardt, Edward G., assignor to Main-Winchester-Stone Company, Oakland, Cal. Harness.....	871,106	Nov. 19	1983	542	131	701
Burkhart, Henry A. Y., Monaca, Pa. Fodder-tie.....	872,643	Dec. 3	680	142	131	1275
Burkhart, Michael F. (See Scholl and Burkhart.)						
Burkhead, Charles W., Cincinnati, Ohio. Attachment for safes.....	855,499	June 4	112	23	128	1722
Burkholder, John D., Lancaster, Pa. Automatic railway-switch.....	846,906	Mar. 12	2396	527	127	639
Burkholder, John H., Ashland, Ohio. Door-hanger.....	841,117	Jan. 15	2689	587	126	772
Burkholder, John H., Ashland, Ohio. Door-hanger.....	861,083	July 23	4272	1172	129	1502
Burkholder, John H., Ashland, Ohio. Lifting-jack.....	850,209	Apr. 16	3072	644	127	2441
Burkholder, John H., Ashland, Ohio. Pump.....	848,629	Apr. 2	17	4	127	1589
Burkholder, John H., assignor to W. V. B. Topping, Ashland, Ohio. Door-hanger.....	851,064	Apr. 23	4705	990	127	2900
Burkholder, John H., assignor to F. E. Myers & Bro., Ashland, Ohio. Door-hanger.....	871,386	Nov. 19	2614	669	131	796
Burkholder, John H., assignor to Elite Manufacturing Company, Ashland, Ohio. Lifting-jack.....	874,904	Dec. 24	5284	1113	131	2911
Burkholder, Preston T., Fishersville, Va. Mold.....	847,312	Mar. 19	3174	698	127	859
Burkitt, Albert S., Terre Haute, Ill. Attachment for washboilers.....	861,160	July 23	4379	1201	129	1539
Burks, William E., assignor of one-half to V. V. Adkins, Ashland, Ky. Automatic scale.....	850,729	Apr. 16	4066	850	127	2698
Burks, William E., assignor of one-half to V. V. Adkins, Ashland, Ky. Combined holder for paper sacks and roll-paper.....	873,409	Dec. 10	2279	475-6	131	1562
Burlat, Joannés. (See Burlat, Mathieu J., J., J. E., and J. A.)						
Burlat, Joannés E. (See Burlat, Mathieu J., J., J. E., and J. A.)						
Burlat, Joseph A. (See Burlat, Mathieu J., J., J. E., and J. A.)						
Burlat, Mathieu J., J., J. E., and J. A., Villeurbanne, France. Rotary motor operated by gas or hydrocarbons.....	863,355	Aug. 13	2007	540-1	129	2744
Burleson, Pleasant W., Linden, Tex. Clothes-pin.....	847,313	Mar. 19	3176	698	127	860
Burleson, Walter W., Denaud, Fla. Fare-register.....	849,047	Apr. 2	865	177	127	1807
Burmeister, Charles, and E. Boldt, Calumet, Iowa. Cultivator shovel or tooth.....	852,316	Apr. 30	7239	1520	127	3565
Burmester, Fredrick H., assignor to William A. Miller Elevator Manufacturing Company, St. Louis, Mo. Controller for electric motors.....	855,093	May 28	5504	1142	128	1504
Burn, James, assignor of two-thirds to J. H. Burn and M. B. Thompson, Chester, Pa. Rotary engine.....	849,326	Apr. 2	1411	283-4	127	1947
Burn, John H., <i>et al.</i> (See Burn, James, assignor.)						
Burn, John S., Liverpool, assignor of one-half to M. Tönnies, Hull, England. Lavatory appurtenance.....	872,894	Dec. 3	1213	258	131	1357
Burnah, Paul, Clayburg, N. Y. Elevating device.....	867,640	Oct. 8	635	179	130	1528
Burnell, John C., Chicago, Ill. Advertising or other air-ship.....	854,461	May 21	4212	872	128	1143
Burness, Frank B., Sioux City, Iowa. Cement-truck.....	844,325	Feb. 19	2948	628	126	2603
Burnett, Hugh, Ottawa, Ontario, Canada. Valve.....	875,320	Dec. 31	6156	1284	131	2277
Burnett, Alice W., Lisbon, Ohio. Harness attachment.....	846,822	Mar. 12	2223	486	127	595
Burnett, Buell S., assignor of one-fourth to H. C. Harvey, Atlanta, Ga. Combination-lock.....	842,076	Jan. 22	4573	982-3	126	1279
Burnett, Curtis R., <i>et al.</i> (See Montrose, Samuel T., assignor.)						
Burnett, Cuthbert, Durham, England. Means for loading and unloading coal and other minerals.....	845,217	Feb. 26	4961	1055-6	126	3141
Burnett, Cuthbert, Durham, England. Resilient tire for motor-car and similar wheels.....	851,585	Apr. 23	5764	1205	127	3163
Burnett, George M., Brooklyn, N. Y. Toy.....	842,077	Jan. 22	4575	983	126	1279
Burnett, John J., and C. Bubeare, Wellington, England. Holder for cartridges.....	845,611	Feb. 26	5721	1212	126	3329
Burnett, William. (See Jackson and Burnett.)						
Burnett, William H., <i>et al.</i> (See Laidlaw, Henri D., assignor.)						
Burnett, William H., assignor of one-half to W. L. Ensel, Springfield, Ill. Nut-lock.....	866,255	Sept. 17	2322	648	130	787
Burney, Charles E., Newport News, Va. Ship for carrying liquid cargoes in bulk.....	843,390	Feb. 5	1101	228	126	2069
Burnham, Arthur M., Gardiner, Me., assignor of one-half to W. G. Crawford, Washington, D. C. Mop-holder.....	842,622	Jan. 29	5774	1220	126	1621
Burnham, Arthur M., Gardiner, Me., assignor to Burnham Specialty Company, Waterbury, Conn. Mop-wringer.....	867,242	Oct. 1	19	6	130	1322
Burnham, James, London, England. Pneumatic and solid tire for vehicle-wheels.....	873,016	Dec. 10	1492	311-12	131	1432
Burnham, Joseph L., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine.....	873,714	Dec. 17	2869	610	131	1697
Burnham, Loron O., Clare, Mich. Tile-machine.....	852,101	Apr. 30	6847	1429	127	3468
Burnham Specialty Company. (See Burnham, Arthur M., assignor.)						
Burnham, Williams & Co. (See McCarroll, William J., assignor.)						
Burnham, Williams & Company. (See Austin, William L., assignor.)						
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Burnham, Williams & Company. (See Van Kirk, Benjamin R., assignor.)						
Burnham, Williams & Company. (See Vauclain, Samuel M., assignor.)						
Burnham, Williams & Company. (See Wille, Henry V., assignor.)						
Burns, Alexander, Merrill, Wis. Head-block.....	840,906	Jan. 8	2237	492	126	612
Burns, Alexander B., Green Bay, Wis. Boiler.....	866,771	Sept. 24	3102	873-4	130	1069
Burns, Frank, Westfield, N. Y. Pump.....	845,849	Mar. 5	226	46	127	59
Burns, Frank, Philadelphia, Pa. Index-card holder.....	869,620	Oct. 29	3815	1044	130	2582
Burns, George E., Central Falls, R. I. Clasp-pin.....	857,867	June 25	4716	1001	128	2988
Burns, James A., assignor to Westinghouse Electric & Manufacturing Company. Coil-bender.....	847,549	Mar. 19	3660	807-8	127	985
Burns, James J., Cumberland, Md. Dinner-bucket.....	861,635	July 30	5154	1414	129	1821
Burns, James M., <i>et al.</i> (See Clark, Henry C., assignor.)						
Burns Jeremiah D., Washington, D. C., assignor of one-third to L. S. Hall, Parkersburg, W. Va. Suspenders and suspender attachment.....	845,393	Feb. 26	5325	1129	126	3230
Burns, Jeremiah D., assignor to Columbia Folding Box Co., Washington, D. C. Box.....	847,314	Mar. 19	3177	699	127	860
Burns, Nicholas, Johnstown, Pa., assignor to Lorain Steel Company. Switch-tongue operating and retaining device.....	853,223	May 14	1731	359	128	470
Burns, Ollie, <i>et al.</i> (See Robey, Austin C., assignor.)						
Burns, Peter G., St. Louis, Mo. Wood-preserving apparatus.....	864,092	Aug. 20	3090	853-5	129	3109
Burns, Robert. (See Harris, Varian M., assignor.)						
Burns, Robert, Rensselaer, N. Y. Feed-water heater for locomotives.....	840,108	Jan. 1	630	136	126	166
Burns, Robert, Rensselaer, N. Y. Ventilator for locomotive-cabs.....	867,701	Oct. 8	719	201	130	1553

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Burns, Silver and Company. (See Bassick and Barnard, assignors.)						
Burns, Walter W., Frostburg, Md. Stair-rail joint.	865,233	Sept. 3	718	204	130	217
Burnside, Alexander M., Largs, Scotland. Machine for making paper-board boxes.	858,948	July 2	994	259	129	340
Burpee, Frank W., assignor to Burpee and Letson, Limited, Bellingham, Wash. Cansalting machine.	854,075	May 21	3482	718-19	128	960
Burpee, Frank W., Vancouver, British Columbia, Canada, assignor to Burpee & Letson, Ltd., Bellingham, Wash. Shingle-machine.	864,750	Aug. 27	4147	1151-2	129	3467
Burpee & Letson. (See Burpee, Frank W., assignor.)						
Burr, Colin C., Jersey City, N. J. Shade-reflector for artificial lights.	858,369	July 2	13	6	129	6
Burr, Franklin H., Atlantic, Iowa, and G. Adams, Chicago, Ill. Ventilator.	874,387	Dec. 24	4273	900	131	1951
Burr, Guy W., and G. H. Davis, Worcester, Mass. Means for holding and detaching ribbon-strip labels.	843,579	Feb. 12	1498	318	126	2200
Burrage, Enoch H., Winston Salem, N. C. Gathering attachment for sewing-machines.	843,440	Feb. 5	1186	249	126	2088
Burrage, Enoch H., Winston Salem, N. C. Bedstead-lock.	858,259	June 25	5516	1177	128	3193
Burrall, Arthur, <i>et al.</i> (See Perkins, George E., assignor.)						
Burrell, Loomis, assignor to D. H. Burrell & Company, Little Falls, N. Y. Milking-machine.	854,268	May 21	3854	796	128	1056
Burrell, Loomis, assignor to D. H. Burrell & Company, Little Falls, N. Y. Milking-machine.						
Burrell, William C., Bradley, Ill. Block-forming machine.	866,579	Sept. 17	2786	780	130	934
Burrill, Horace K., Indianapolis, Ind. Concrete-block machine.	844,709	Feb. 19	3964	841-2	126	2846
Burrin, Russel R., and T. F. Gaebler, Rockville, Ind. Combined lightning-arrester, fuse-box, and insulator.	840,907	Jan. 8	2239	493	126	613
Burris, John T. and O. G., Anderson, S. C. Metallic sheet-roofing.	851,492	Apr. 23	5565	1167	127	3111
Burris, Oliver G. (See Burris, John T. and O. G.)	873,920	Dec. 17	3285	702	131	1765
Burrough, Draper C., Liverpool, W. Va. Rail-joint.	852,415	May 7	9	3	128	5
Burroughes, William J. and William J., Jr., London, England. Radiator for heating apparatus.	855,692	June 4	476	100	128	1818
Burroughes Adding Machine Company. (See Vincent, Jesse G., assignor.)						
Burroughs, Buel S., Kingston, N. Y. Splice and joint.	869,055	Oct. 22	2910	802	130	2276
Burroughs, Charles S., <i>et al.</i> (See Leavitt, John M., assignor.)						
Burrows, Eastman A. (See Smythe and Burrows.)						
Burrows, William R. (See Howell and Burrows.)						
Burrows, William R., Newark, N. J., assignor to General Electric Company. Vapor electric apparatus.	853,678	May 14	2631	546	128	709
Burrows, William R., Newark, N. J., assignor to General Electric Company. Machine for basing incandescent lamps.	856,129	June 4	1306	273-4	128	2022
Burrows, Madison C., New Franklin, Mo. Gynecological sling.	875,046	Dec. 31	5625	1174	131	2192
Burry, John, Ridgefield Park, N. J. Multiplex telegraphy.	852,495	May 7	228	41	128	66
Burry, John, Ridgefield Park, N. J. Telegraph-transmitter.	854,401	May 21	4088	845-6	128	1117
Burry, John, Ridgefield Park, N. J. Printing-telegraph receiver.	875,410	Dec. 31	6331	1320-1	131	2307
Burry, William C., Allegheny, Pa. Truck.	846,451	Mar. 12	1482	329	127	405
Bursell, Horace H., assignor of forty-nine one-hundredths to R. E. Van Amber, Truman, Minn. Corn-husking machine.	843,866	Feb. 12	2021	434-5	126	2333
Bursik, Frank, Chicago, Ill. Hanger or separable hinge for storm-sash.	875,047	Dec. 31	5626	1174	131	2192
Burson, James L. (See Campion and Wyant, assignors.)						
Burstow, Kollmar & Co. (See Weinbrecht, Julius, assignor.)						
Burt, Edwin, El Oro, Mexico. Filter.	842,764	Jan. 29	6099	1287	126	1699
Burt, Edward W., Philadelphia, Pa., and H. S. Chapin, Hempstead, N. Y., assignors to S. L. Allen and Company, Philadelphia, Pa. Cardboard sled.	853,624	May 14	2533	525	128	683
Burt Machine Company. (See Sawyer, Ezra H., assignor.)						
Burt Machine Company. (See Wild, Frederick W., Jr., assignor.)						
Burtin, Joseph, Charquemont, France. Watch.	871,387	Nov. 19	2616	669	131	796
Burton, Charles H., New York, N. Y., assignor to J. M. Thurston, trustee, Washington, D. C. Pneumatic-despatching-tube system.	847,233	Mar. 12	3020	665	127	792
Burton, Charles H., New York, N. Y., assignor to J. M. Thurston, trustee, Washington, D. C. Pneumatic-despatch carrier.	847,234	Mar. 12	3022	666	127	792
Burton, Charles S., Oak Park, Ill. Accentuating device for automatic musical instruments.	861,260	July 30	4559	1245	129	1634
Burton, Charles S., Oak Park, Ill., assignor to Miracle Pressed Stone Company, Minneapolis, Minn. Expanding pipe-mold.	862,306	Aug. 6	333	93	129	2186
Burton, Charles W., Centerville, Utah. Track-laying device.	842,855	Feb. 5	29	5-6	126	1797
Burton, Christopher, Wellington, New Zealand. Apparatus for straining wires and the like.	867,241	Oct. 1	18	6	130	1322
Burton, Frank F., assignor to Winchester Repeating Arms Co., New Haven, Conn. Firing-pin lock for firearms.	862,539	Aug. 6	749	200	129	2316
Burton, Frank F., assignor to Winchester Repeating Arms Company, New Haven, Conn. Telescope-sight for firearms.	870,272	Nov. 5	624	167	131	203
Burton, Frank F., assignor to Winchester Repeating Arms Co., New Haven, Conn. Telescope-sight for firearms.	870,273	Nov. 5	625	167	131	204
Burton, Frederick A., assignor of two-thirds to C. E. Kouba and P. H. Stenerson, Wahpeton, N. D. Chandelier.	867,555	Oct. 1	496	142	130	1467
Burton, George D., Boston, Mass. Treating and degumming porous and fibrous substances.	870,157	Nov. 5	438		131	144
Burton, George D., assignor to American Electrical Process Company, Boston, Mass. Electric wool washing and cleansing apparatus.	854,028	May 21	3377	695-6	128	933
Burton, George D., Boston, Mass., assignor to American Electrical Process Company. Washing-machine.	857,027	June 18	3092	652	128	2548
Burton, George F., Woodlawn, Ala. Rotary engine.	848,440	Mar. 26	5461	1190-2	127	1464
Burton, Granville L. and C. J. Fuller, New York, N. Y. Garter.	869,228	Oct. 29	3165	873	130	2381
Burton, James E., Whitewater, Wis. Drag attachment for plows.	869,056	Oct. 22	2912	802-3	130	2277
Burton, James E., Whitewater, Wis. Drag attachment for plows.	869,136	Oct. 22	3023	835	130	2310
Burton, James L., Plainville, Conn., assignor of one-half to F. A. Champlin, East Long Meadow, Mass. Sealing device for boxes.	862,050	July 30	5761	1600	129	2004
Burton, John, Chicago, Ill. Car-axle journal-box packing.	859,738	July 9	2187	592	129	760
Burton, Joseph A. (See Roy and Burton.)						
Burton, Robert R., Peaster, Tex. Whiffletree.	843,131	Feb. 5	597	126	126	1947
Burwell, Arthur W. (See Baker and Burwell.)						
Burwell, Cyrus, Bunker Hill, Ill. Threshing-machine.	872,405	Dec. 3	178	35	131	1196
Burwell, Fred W., Geneva, Ohio. Car-door.	872,167	Nov. 26	4255	1016	131	1081
Busby, E. A. G. (See Busby, Nahum J., assignor.)						
Busby, Homer C., Mobile, Ala. Receipt-marker.	863,019	Aug. 13	1479	403	129	2575
Busby, Nahum J., Boston, assignor to E. A. G. Busby, Chelsea, Mass. Shipping-case.	849,352	Apr. 2	1466	298	127	1960
Busby, Nahum J., Boston, assignor to E. A. G. Busby, Chelsea, Mass. Shipping-case.	853,532	May 14	2340	487	128	634

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Busch, Charles, New York, N. Y. Electrical accumulator.....	873,715	Dec. 17	2871	611	131	1698
Busch, Earnest H., and O. R. Purcell, La Grande, Oreg. Ironing-board.....	863,150	Aug. 13	1698	457	129	2644
Busch-Freund Brewers' Supply Co. (See Dippel, Henry C., assignor.)						
Busch, Herman F., Millvale, assignor to Armstrong Cork Company, Pittsburg, Pa. Apparatus for cutting cork wafers.....	850,519	Apr. 16	3663	765-6	127	2597
Busch, Herman F., Millvale, assignor to Armstrong Cork Company, Pittsburg, Pa. Cork-cutting machine.....	865,345	Sept. 3	907	260	130	274
Busch, Herman F., Millvale, assignor to Armstrong Cork Company, Pittsburg, Pa. Machine for grinding or finishing corks.....	873,498	Dec. 10	2441	513-14	131	1591
Busch, Karl, Grossalmerode, Germany. Tool for cutting clay.....	873,209	Dec. 10	1875	393	131	1494
Buscher, Hermann, Langerfeld, near Barmen, Germany. Jacquard mechanism for lace bobbins-machines.....	853,396	May 14	2078	431	128	565
Büscher, Wilhelm, assignor to Anker-Werke Aktien-Gesellschaft vormals Hengstenberg & Co., Bielsfeld, Germany. Thread take-up for sewing-machines.....	865,234	Sept. 3	719	204-5	130	217
Buschman, Edward L., Orange, N. J. Machine for cleaning bags and the like.....	841,309	Jan. 15	3065	664	126	866
Buschmann, Hugo, Mülheim-on-the-Ruhr, Germany. Adjustable support for models, cards, &c.....	841,372	Jan. 15	3189	687	126	900
Buschmann, William, Haledon, N. J. Scale.....	855,754	June 4	606	125	128	1851
Buse, Oscar A., Lima, Peru. Tobacco-pipe.....	864,076	Aug. 20	3064	847	129	3100
Busenbenz, Jacob J., assignor to Industrial Gas Construction Co., Chicago, Ill. Gas-manufacturing apparatus.....	846,395	Mar. 5	1349	297	127	341
Busenbenz, Jacob J., assignor to Industrial Gas Construction Co., Chicago, Ill. Gas-manufacturing apparatus.....	848,963	Apr. 2	710	143-4	127	1769
Busenbenz, Jacob J., assignor to Industrial Gas Construction Company, Chicago, Ill. Gasometer.....	848,964	Apr. 2	714	144	127	1770
Busenbenz, Jacob J., assignor to Industrial Gas Construction Co., Chicago, Ill. Gas-manufacturing process.....	855,094	May 28	5507	1142-3	128	1504
Buser, Ellis W., Dawson, Nebr. Cement-pipe mold.....	871,778	Nov. 26	3404	836	131	952
Buser, William E., Chillicothe, Ohio. Button-protector for tufting-machines.....	850,816	Apr. 16	4222	887-8	127	2737
Bussey, Herbert S., Chambersburg, Pa. Gas-burner.....	845,332	Feb. 26	5201	1103	126	3200
Bush, Abraham L., East Orange, N. J. Railway train-shed.....	855,160	May 28	5636	1172	128	1537
Bush, Alexander, assignor of one-half to J. Hennard, Pinconning, Mich. Draft-equalizer.....	869,345	Oct. 29	3365	926	130	2443
Bush, Bertrand B., assignor to F. H. Knapp and E. Bush, Chicago, Ill. Water-motor wheel. (Reissue).....	12,713	Oct. 29	4200	1160	130	2697
Bush, Charles, Hammond, Ind. Furnace grate and ash-pit.....	874,569	Dec. 24	4649	976	131	2010
Bush, Corydon I., Portsmouth, Ohio. Attachment for horse-brushes.....	857,268	Dec. 18	3550	752	128	2665
Bush, Emma, <i>et al.</i> (See Bush, Bertrand B., assignor.) (Reissue.)						
Bush, George W., Turtle Creek, Pa. Combined window-shade and curtain-pole support.....	874,297	Dec. 17	4092	862	131	1889
Bush, Russell D., <i>et al.</i> (See Livesay, Gentry F., assignor.)						
Bush, Samuel P., Columbus, Ohio. Draft and buffing apparatus.....	857,327	June 18	3655	774	128	2692
Bushnell, Alvah, Jr., Philadelphia, Pa. Vertical file-pocket.....	867,789	Oct. 8	850	243	130	1594
Bushnell, Elmer. (See Watson, Bushnell, and Sanderson.)						
Bushnell, John B., Minneapolis, Minn. Portable elevator.....	866,619	Sept. 24	2856	805-6	130	987
Bushong, Harry F., Portland, Oreg., assignor, by mesne assignments, to Kalamazoo Loose Leaf Binder Company. Loose-leaf ledger.....	851,275	Apr. 23	5142	1082	127	3006
Bushong, Harry F., Portland, Oreg., assignor, by mesne assignments, to Kalamazoo Loose Leaf Binder Company. Loose-leaf ledger.....	867,107	Sept. 24	3614	1025	130	1225
Bushong, Harry F., Kalamazoo, Mich., assignor, by mesne assignments, to Kalamazoo Loose Leaf Binder Company. Temporary binder or loose-sheet holder.....	851,276	Apr. 23	5143	1082	127	3006
Bushong, Harry F., Kalamazoo, Mich., assignor, by mesne assignments, to Kalamazoo Loose Leaf Binder Company. Temporary binder or loose-sheet holder.....	851,342	Apr. 23	5280	1106-7	127	3042
Business Systems Limited. (See Baird, Daniel S., assignor.)						
Business Systems Limited. (See Tait, Arthur A., assignor.)						
Buskett, Evans W., Coffeyville, Kans. Multiple rifle-sampler.....	841,928	Jan. 22	4289	925	126	1212
Buskey, George M., Cumberland, Md. Sack-packer.....	853,679	May 14	2632	546	128	709
Busler, Levi W. S., Sunbury, Pa. Steam-boiler.....	864,358	Aug. 27	3504	973	129	3266
Buss, Jakob, Munich, assignor of one-half to C. Fohr, Schloss, Wallenburg, near Miesbach, Germany. Manufacturing briquets from coal, peat, and bog-earth.....	854,565	May 21	4405	914	128	1195
Bussard, Felix R., Hays, Kans. Rotary engine.....	852,218	Apr. 30	7071	1477-8	127	3526
Bussard, William B., assignor of one-half to W. F. Stuver, Huntington, Ind. Mold.....	846,007	Mar. 5	589	122-3	127	150
Busse, Oscar, Meiderich-Duisberg, Germany. Briquet-press.....	850,905	Apr. 23	4423	925	127	2830
Busse, Oscar, Meiderich-Duisberg, Germany. Drying device.....	873,987	Dec. 17	3414	727	131	1787
Busse, Herman, Berlin, Germany, and W. Schou, Copenhagen, Denmark. Automatic groove-cutting machine for wooden shoe-soles.....	861,084	July 23	4273	1172	129	1503
Busse, William C., Brooklyn, N. Y. Means for propelling boats.....	857,868	June 25	4717	1001-2	128	2989
Bussell, William H., Necedah, Wis. Wheel-runner for baby-carriages.....	847,900	Mar. 19	4411	967	127	1166
Busselle, Arthur S., and J. W. Pedigo, Chariton, Iowa. Grinding-machine.....	847,463	Mar. 19	3497	765	127	941
Bussinger, William J., assignor to National Specialty Manufacturing Company, Philadelphia, Pa. Grinder for coffee-mills.....	852,164	Apr. 30	6972	1456	127	3500
Bussinger, William J., assignor to National Specialty Manufacturing Company, Philadelphia, Pa. Coffee-mill.....	855,228	May 28	5758	1199	128	1568
Butcher, John F., Mount Pleasant, Mich. Folding crate or box.....	852,416	May 7	10	3	128	5
Butcher, Joseph J., Boston, Mass. Soap-dish.....	862,804	Aug. 6	1164	314	129	2441
Butler, Alton W., Brockton, Mass. Vehicle-tire.....	870,013	Nov. 5	224	60	131	79
Butler, Charles W., and H. C., Louisville, Ky. Door-operating device.....	844,659	Feb. 19	3860	818	126	2820
Butler, George P., New York, N. Y. Manufacturing cigars and all-tobacco cigarettes.....	864,948	Sept. 3	288	77	130	92
Butler, George P., New York, N. Y. Manufacturing of cigarettes having tobacco wrappers.....	864,949	Sept. 3	290	77	130	93
Butler, Harry A., and F. C. Petersen, Haverford, Pa. Timer.....	864,077	Aug. 20	3065	848	129	3101
Butler, Haywood L., <i>et al.</i> (See Paullins, George E., assignor.)						
Butler, Hiram C. (See Butler, Charles W. and H. C.)						
Butler, Jacob W., Blaney, S. C. Umbrella-support.....	853,397	May 14	2080	432	128	566
Butler, James, St. Catharines, Ontario, Canada. Revolving drag-scraper.....	841,929	Jan. 22	4291	925	126	1212
Butler, James M. (See Bookman and Butler.)						
Butler, John, Salford, England. Internal-chilling apparatus for hollow castings.....	869,205	Oct. 22	3122	860-1	130	2343
Butler, Paul, Lowell, Mass. Apparatus for drying explosive substances.....	863,834	Aug. 20	2714	748	129	2995
Butler, Thomas, Fort Worth, Tex. Pump.....	840,430	Jan. 1	1296	285	126	339
Butler, Thomas J., Harrison, N. J. Clutch.....	874,388	Dec. 24	4274	901	131	1951
Butler, Thomas M., Dallas, Tex. Ice-saw.....	850,292	Apr. 16	3216	671	127	2481
Butler, Thomas W. (See Moffat and Butler.)						
Butler, Wallace, Davis Junction, assignor of one-half to W. C. Doyle, Sycamore, Ill. Whiffletree.....	859,870	July 9	2388	650	129	825
Butler, William H., New York, N. Y. Manufacture of cigars.....	865,012	Sept. 3	392	106	130	123
Butler, William L., Carthage, Mo. Threshing-machine.....	865,678	Sept. 10	1437	407	130	469
Butler, William M., assignor to Whitney Manufacturing Company, Hartford, Conn. Drive-chain.....	847,235	Mar. 12	3023	666	127	793

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Butler, William W. (See Pick, Alfred, assignor.)						
Butman, Thomas R., Lake Bluff, Ill. Steam-generator.	866,188	Sept. 17	2232	623	130	758
Butman, Thomas R., Lake Bluff, Ill. Steam-generator.	874,389	Dec. 24	4283	902	131	1952
Buttenshaw, George E., Manchester, England. Manufacture of alloys.	854,462	May 21	4215	128	128	1149
Butterfield, Durell J., Marine City, Mich. Basin-fitting.	852,596	May 7	451	83	128	119
Butterfield, Garrett S., Sault Ste. Marie, Ontario, Canada. Brush.	863,260	Aug. 13	1872	505	129	2698
Butterfield, James F., Stuart, Nebr. Attachment for doubletrees.	851,648	Apr. 30	5904	1233	127	3227
Butterfield, William E., Ventura, Cal. Cultivator.	850,520	Apr. 16	3665	767	127	2598
Butters, Samuel I., Clarksburg, W. Va. Mold for blown-glass plates.	839,987	Jan. 1	371	80	126	101
Butterworth, Carey W., Milford, assignor of one-half to L. E. Martin, Bowling Green, Va. Pen.	860,962	July 23	4090	1120	129	1446
Butterworth, Chester W., et al. (See Genin, Jean B., assignor.)						
Buttler, Gideon G., assignor of one-half to A. D. Marble, Oklahoma, Okla. Ter. Device for locating defects in telephone and telegraph lines.	861,357	July 30	4719	1289	129	1686
Button Sewing Attachment Company. (See Ongley, Charles E., assignor.)						
Button, Theodore E. (See Hewlett and Button.)						
Button, Theodore E., Schenectady, N. Y., assignor to General Electric Company. Switch-operating mechanism.	853,070	Feb. 5	449	97-8	126	1907
Buttress, Howard, Los Angeles, Cal. Sash-lock.	867,911	Oct. 8	1060	300	130	1656
Butts, Charles W., Sag Harbor, assignor to Fahys Watch Case Company, New York. N. Y. Making watchcase-pendants.	865,759	Sept. 10	1566	441	130	510
Butts, Daniel G. (See Seyl and Butts.)						
Butts, Lucien A., Russell, Iowa. Wire-stretcher.	865,079	Sept. 3	497	137	130	151
Butts, John H. B., Pickard, Ga. Hame.	868,528	Oct. 15	2066	580	130	1985
Butts, John H. B., Pickard, Ga. Back-band buckle.	874,162	Dec. 17	3813	804	131	1844
Butz, John E. P. (See Hall, Frank M., assignor.)						
Butz, John F., Fort Worth, Tex. Sleeping-car seat and berth.	862,387	Aug. 6	465	123-4	129	2233
Buxbaum, Emanuel L., Chicago, Ill. Cigar and tobacco moistener.	855,615	June 4	331	68	128	1779
Buxton, Benjamin C., Buxton, Iowa. Box-car loader.	850,132	Apr. 16	2928	611	127	2404
Buxton, Benjamin C., Buxton, Iowa. Portable sectional track.	873,716	Dec. 17	2873	611	131	1698
Buxton, Francis E., Connorsville, Ind. Adjustable journal-box.	857,788	June 25	4571	967	128	2954
Buzzard, Mark, Bison, Okla. Ter. Seat for harrows and the like.	858,438	July 2	116	32	129	39
Buzbee, Frank J., Mobile, Ala. Flat-car stanchion.	848,086	Mar. 26	4792	1045	127	1297
Buzzell, Arthur L. (See Beach and Buzzell.)						
Buzzell, Ernest L., Lynn, Mass. Nail-polisher.	848,345	Mar. 26	5284	1153	127	1420
Bybee, Addison. (See Shiek, Daniel W., assignor.)						
Bycraft, William J., Ashtabula, Ohio. Puzzle.	844,246	Feb. 12	2756	587	126	2517
Bye, David A. (See Nelson and Bye.)						
Byers, Anson O., Huntsville, Ala. Kitchen-cabinet.	860,444	July 16	3273	894	129	1146
Byers, Firm B., Williamsport, Pa. Railway-rail holder.	855,755	June 4	607	125	128	1851
Byers, Henry A., Pe Ell, Wash. Photographic shutter.	842,522	Jan. 29	5568	1177	126	1570
Byers, James J., assignor of two-thirds to W. A. Davis and F. W. Beall, Gulfport, Miss. Wood saturating and coating apparatus.	858,950	July 2	999	261	129	342
Byers, Joseph C. (See Barickman and Byers.)						
Byington, Albert, Rochelle, Ill. Lubricator.	852,165	Apr. 30	6975	1456	127	3501
Byl, George N., and J. Koehler, Jersey City, N. J. Label-spreader.	846,282	Mar. 5	1118	243	127	283
Byl, George N., and J. Koehler, Jersey City, N. J. Label-paster.	852,219	Apr. 30	7073	1478	127	3526
Byl, George N., and J. Koehler, Jersey City, N. J. Label-paster.	874,298	Dec. 17	4093	862	131	1890
Bynum, Samuel B., assignor of one-half to W. F. Lamb, J. P. Mallory, and C. E. Pigford, Jackson, Tenn. Spring-motor.	873,499	Dec. 10	2443	514	131	1592
Byrd, Atvill, Kansas City, Mo. Foot-bath for horses and mules.	853,533	May 14	2342	487	128	635
Byrd, Atvill, Kansas City, Mo. Journal-box.	862,880	Aug. 13	1276	346	129	2510
Byrd, Britton E., assignor to Byrd Manufacturing Company, Durham, N. C. Knotter.	870,527	Nov. 5	1025	279	131	330
Byrd Manufacturing Company. (See Byrd, Britton E., assignor.)						
Byrd, Wade A., Swift, Ark. Cotton-picker's sack-carrier.	842,765	Jan. 29	6101	1287	126	1700
Byrne, Charles T., Chicago, Ill. Plumber's trap.	841,118	Jan. 15	2192	588	126	773
Byrne, Frank T., et al. (See Ralston, William A., assignor.)						
Byrne, Joseph H., Pittsburg, Pa. Cracker-box.	846,452	Mar. 12	1484	329	127	405
Byrne, Michael P., Chicago, Ill. Temporary retaining-wall for use in the construction of sewers.	840,747	Jan. 8	1928	424	126	536
Byrne, Thomas J. (See Hite, Charles E., assignor.)						
Byrom, John, Liverpool, England. V-shaped driving-belt.	859,197	July 9	1366	362	129	491
Byron, Thomas F., Chicago, Ill., assignor of one-half to W. B. Leddy. Drapery-fix-ture.	860,963	July 23	4091	1120	129	1446
C. Cowles & Co. (See Costello and Hart, assignors.)						
C. Elmer Pope Paper Company. (See Pope, Charles E., assignor.)						
C. Pardee Works. (See Metzner, Max A., assignor.)						
C. B. Cottrell & Sons Company. (See Barber, Howard M., assignor.)						
C. B. Cottrell & Sons Company. (See Cottrell, Edgar H., assignor.)						
C. B. Cottrell & Sons Company. (See Greenway, Richard J., Jr., assignor.)						
C. B. Cottrell & Sons Company. (See Leonard, Henry E., assignor.)						
C. B. Cottrell & Sons Company. (See McKee, Milton A., assignor.)						
C. B. Cottrell & Sons Company. (See Seymour, Ralph C., assignor.)						
C. A. Thomson Machine Company. (See Thomson, Charles A., assignor.)						
C. B. Hutchins & Sons. (See Ross, Delmar C., assignor.)						
C. E. Tayntor Granite Company. (See Tayntor, Charles E., assignor.)						
C. G. Sargent's Sons. (See Sargent, Allan C., assignor.)						
C. G. Sargent's Sons Corporation. (See Sargent, Frederick G., assignor.)						
C. G. Sargent's Sons. (See Sargent, Frederick G., assignor.)						
C. P. Kimball & Co. (See Graff, Oscar C., assignor.)						
C. T. Ham Manufacturing Company. (See Bergener, Charles, assignor.)						
C. W. Hunt Company. (See King, Charles C., assignor.)						
C. W. Seaward Company. (See Seaward, Charles W., assignor.)						
Cabell, Charles A., Carbon, W. Va. Check-lock for mining-cars.	848,441	Mar. 26	5469	1192	127	1467
Cabell, Chas. A. (See Higginbotham, Allen C., assignor.)						
Cable Company. (See Klugh, Paul B., assignor.)						
Cable, Daniel A., Bonami, La. Cotton-chopper.	854,269	May 21	3857	796	128	1057
Cable, Daniel A., Bonami, La. Cotton-thinning implement.	863,586	Aug. 20	2348	641	129	2876
Cable, Frank T., Quincy, Mass. Auxiliary valve for automobile-engines.	848,722	Apr. 2	204	42	127	1640
Cable, Frank T., Quincy, Mass., assignor to Electric Boat Company, Bayonne, N. J. Fuel-feed for hydrocarbon-engines.	849,048	Apr. 2	868	177	127	1808
Cable, John W., assignor of one-half to A. M. Anderson, Rockford, Ill. Time-operated mechanism for feed-boxes.	861,161	July 23	4380	1202	129	1539
Cable, Martin L., Greensboro, N. C. Feed-water heater.	861,949	July 30	5631	1561	129	1964
Cabot, Sewall, Brookline, assignor to Stone Telegraph and Telephone Company, Boston, Mass. Space telegraphy.	840,908	Jan. 8	2241	493-4	126	613

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Cabot, Sewall, Brookline, assignor to Stone Telegraph and Telephone Company, Boston, Mass. Space telegraphy.	840,909	Jan. 8	2250	495	126	616
Cabot, Sewall, Brookline, assignor to Stone Telegraph and Telephone Company, Boston, Mass. Space telegraphy.	842,134	Jan. 22	4701	1007	126	1313
Cabot, Sewall, Brookline, assignor to Stone Telegraph and Telephone Company, Boston, Mass. Space telegraphy.	858,569	July 2	346	87-8	129	124
Cadden, Charles C., Cleveland, Ohio. Telephone hook-switch.	843,998	Feb. 12	2271	485	126	2396
Cadden, Charles C., Cleveland, Ohio, assignor to Century Telephone Construction Company, Buffalo, N. Y. Electric bell.	861,162	July 23	4380	1202	129	1539
Caddick, George, Allegheny, Pa. Pianoforte.	874,299	Dec. 17	4095	863	131	1890
Cade, Howard E. (See Knapp and Cade.)						
Cadillac Motor Car Company. (See McCausland, David, assignor.)						
Cadman, Addi B. (See Warner and Cadman.)						
Cadwell, Edwin B., New York, N. Y., assignor of two-thirds to F. Johnston and F. M. Ashley. Tire.	846,453	Mar. 12	1485	329-30	127	406
Cadwell, George E., Broken Bow, Nebr. Door-latch.	851,158	Apr. 23	4894	1029	127	2947
Cady, Henry G., Pine Bluff, Ark. Wagon-jack.	851,401	Apr. 23	5397	1131	127	3072
Cady, John P., San Antonio, Tex. Lawn-trimming machine.	856,940	June 11	2906	609	128	2460
Cady, Orrin, Cincinnati, Ohio. Spittoon.	846,454	Mar. 12	1488	330	127	406
Cady, Ralph E., Auburn, N. Y. Horse-collar.	839,809	Jan. 1	19	4-5	126	7
Cady, Robert J., Detroit, Mich. Cabinet for music-spools.	850,210	Apr. 16	3073	644	127	2442
Cafferty, Ridner P., Jr., Brooklyn, N. Y. Handle for safety-razor blades.	840,748	Jan. 8	1930	424	126	536
Cage, John M., assignor of one-half to J. C. Harvey, Denver, Colo. Submarine boat.	854,146	May 21	3623	748-9	128	994
Cage, John M., assignor of one-half to J. C. Harvey, Denver, Colo. Submarine boat.	860,126	July 16	2785	760	129	985
Cahall, William H. (See MacGregor and Cahall.)						
Cahill, Swift Manufacturing Company. (See Sullivan, John L., assignor.)						
Cahn, Louis M. (See Hall, Charles F., assignor.)						
Cahoon, Everett B., Akron, Ohio. Trenching-hoe.	871,505	Nov. 19	2997	747	131	855
Caille, Adolph A., Detroit, Mich. Controller for spring-motors.	845,517	Feb. 26	5559	1178-9	126	3288
Caille, Auguste A., Detroit, Mich. Picture-exhibitor.	845,052	Feb. 26	4632	985-6	126	3055
Caille, Auguste A., G. Hamilton, and O. C. Currie, assignors to Caille Company, Detroit, Mich. Coin-controlled machine.	850,817	Apr. 16	4224	888	127	2737
Caille, Auguste A., G. Hamilton, and O. C. Currie, assignors to Caille Company, Detroit, Mich. Coin-controlled weighing-machine.	874,300	Dec. 17	4098	863-4	131	1890
Caille Brothers Company. (See Conover, Howard B., assignor.)						
Caille, Charles, Le Perreux, France. Apparatus for the utilization in a reheater of the exhaust-steam of locomotives.	852,868	May 7	1025	212	128	261
Caille Company. (See Caille, Hamilton, and Currie, assignors.)						
Cailloux, Léon L., et al. (See Genin, Jean B., assignor.)						
Cain, Francis M., Wesner, Okla. Terr. Metallic railway-tie.	841,119	Jan. 15	2693	588	126	773
Cain, George E., et al. (See Nicewarner, Theodore G., assignor.)						
Cain, John F., Clinton, Mass. Fire-escape.	861,707	July 30	5261	1446	129	1850
Cairncross, Andrew S., St. Paul, Minn. Machine for cutting fig-bars and similar articles.	869,057	Oct. 22	2915	803	130	2277
Cairncross, Andrew S., St. Paul, Minn. Salting apparatus.	874,570	Dec. 24	4650	976-7	131	2010
Cais, Frank. (See Tran and Cais.)						
Cais, Frank, Cleveland, Ohio. Controlling mechanism for gas-ranges.	845,518	Feb. 26	5562	1179	126	3289
Calaway, Samuel G., Centerville, Miss. Harrow and cultivator.	856,028	June 4	1121	233	128	1978
Calbeck, Rinaldo, Pratt, Kans. Table-rack.	871,670	Nov. 19	3176	788	131	886
Calder, Charles B., assignor to Toledo Ship Building Company, Toledo, Ohio. Water-ballast-controlling apparatus for vessels.	842,856	Feb. 5	30	6	126	1797
Calder Grain Shocker Company. (See Calder, John, assignor.)						
Calder, James, assignor to Calder Grain Shocker Company, Limited, Hamilton, Ontario, Canada. Apparatus for shocking grain.	873,500	Dec. 10	2444	514-15	131	1592
Calder, John W., Parnassus, Pa. Metallic rail-tie and fastener therefor.	848,346	Mar. 26	5285	1153	127	1420
Caldwell, Alfred, Providence, R. I., and G. F. Drew, Brunswick, Me., assignors of one-third to J. V. Dart and G. H. Remington, Providence, R. I. Shoe-lacing.	869,346	Oct. 29	3366	926	130	2444
Caldwell, Alfred B., Evansville, Ind. Vehicle-brake.	853,496	May 14	2270	470-1	128	616
Caldwell, Andrew J., Exline, Iowa. Fence-post.	845,612	Feb. 26	5722	1212	126	3329
Caldwell, Eugene W., New York, N. Y. X-ray apparatus.	847,728	Mar. 19	4039	883	127	1079
Caldwell, Harry J., and J. R. Barr, Earl Park, Ind. Grain-bleacher.	845,446	Feb. 26	5413	1149	126	3251
Caldwell, James P., Winstboro, S. C., and W. A. Rockwell, Harriman, Tenn. Planter.	847,901	Mar. 19	4413	967-8	127	1160
Caldwell, James S., Kansas City, Mo. Accounting apparatus.	854,402	May 21	4091	846	128	1117
Caldwell, John A., Montclair, N. J. Mechanical stoker. (Reissue.)	12,598	Jan. 22	4753	1015-16	126	1325
Caldwell, John D., Seattle, Wash. Marking-machine.	847,646	Mar. 19	3877	847-8	127	1040
Caldwell Manufacturing Company. (See Bennett and Ralston, assignors.)						
Caldwell Manufacturing Company. (See La May, Frank B., assignor.)						
Caldwell, Samuel H., et al. (See Martin, Ivison B., assignor.)						
Caldwell, Wayne, Circleville, Ohio. Machine for hulling green corn.	840,296	Jan. 1	1011	221-2	126	272
Caldwell, William J., et al. (See Neuhard, Samuel A., assignor.)						
Caldwell, William L., et al. (See Curtis, Lewis E., assignor.)						
Caldwell, William L., assignor to Berger Manufacturing Company, Canton, Ohio. Building-sheet.	851,343	Apr. 23	5282	1107	127	3043
Caldwell, William R., Keyser, W. Va. Wheel.	853,767	May 14	2830	582	128	761
Caldwell, William T., assignor to himself and A. J. Lepper, Edgar, Nebr. Corn-husker.	848,008	Mar. 26	4669	1017	127	1266
Caldwell, Yancey Q., Paris, Tenn. Inhaler.	844,097	Feb. 12	2450	524	126	2438
Caldwell, Yancey Q., Paris, Tenn. Lock.	845,613	Feb. 26	5724	1212	126	3329
Calef, Robert S., Keene, N. H. Knockdown chair.	864,289	Aug. 27	3402	946	129	3234
Calek, James A., et al. (See Sorensen, Frederick C., assignor.)						
Caley, Charles J. (See Voight and Caley.)						
Caley, Charles J., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Hinge.	843,581	Feb. 12	1502	318	126	2201
Caley, Charles J., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Hinge.	845,519	Feb. 26	5564	1179	126	3289
Calhoun, Albert O., Victor, Mo. Rafter and polygon bevel.	842,999	Feb. 5	314	68	126	1868
Calhoun, Joseph C., Holland, assignor of one-half to G. P. Hummer, Grand Rapids, Mich. Photographic-printing machine.	854,076	May 21	3487	719	128	962
Calhoun, Joseph C., Holland, assignor of one-half to G. P. Hummer, Grand Rapids, Mich. Time-switch for photograph-printing machines.	864,883	Sept. 3	190	53	130	59
Calhoun, Joseph C., assignor of one-half to G. P. Hummer, Holland, Mich. Pad for photograph-printing machines.	858,570	July 2	348	89	129	125
Calhoun, Joseph C., assignor of one-half to G. P. Hummer, Holland, Mich. Photograph-printing machine.	862,235	Aug. 6	204	57	129	2146
Calicchio, Carmeno, New York, N. Y. Lock.	857,439	June 18	3866	822	128	2743
California Fruit Cannery Association. (See Beekhuis, Hermanus A., assignor.)						
California Powder Works. (See Stevens and Hanson, assignors.)						
Caliga, Isaac H., Salem, Mass. Car-fender.	855,558	June 4	220	43	128	1752

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Calkins, Addison N., Quincy, Ill. Gasolene-engine truck.	847,647	Mar. 19	3881	848	127	1041
Calkins, Albert C., Los Angeles, Cal. Apparatus for separating material.	850,293	Apr. 16	3218	671	127	2128
Calkins, Almon B., Allegan, Mich. Motor.	866,330	Sept. 17	2445	682	130	825
Calkins, Almon B., Belleville, N. J. Match-making machinery.	854,871	May 28	5039	1047-9	128	1385
Calkins, Almon B., Belleville, N. J., assignor to American Match Manufacturing Company, New York, N. Y. Splint-carrier.	845,447	Feb. 26	5416	1149	126	3252
Calkins, Almon B., Belleville, N. J., assignor to F. C. Dininny, New York, N. Y. Match-making machinery.	840,821	Jan. 8	2060	456	126	567
Calkins, Almon B., Belleville, N. J., assignor to F. C. Dininny, New York, N. Y. Match-making machinery.	840,822	Jan. 8	2062	457	126	568
Calkins, Almon B., Belleville, N. J., assignor to F. C. Dininny, New York, N. Y. Match-making machinery.	854,870	May 28	5031	1045-7	128	1383
Calkins, Homer H., Bloomfield, Ind. Rotary engine.	868,841	Oct. 22	2583	713	130	2174
Calkins, Seward H., Baltimore, Md. Sheet-metal tile.	857,718	June 25	4426	935	128	2917
Calkins, William H., Columbus, Ohio. Gas-stove.	865,158	Sept. 3	597	167	130	181
Call, Charles C., Hayden, Ind. Hair-straightener.	846,183	Mar. 5	937	198	127	238
Callaghan, Jeremiah J., St. Louis, Mo. Cue-clutch.	870,491	Nov. 5	971	266	131	315
Callahan, Eugene C. and F. L., Terre Haute, Ind. Mine-car.	870,542	Nov. 12	1051	287	131	370
Callahan, Frank L. (See Callahan, Eugene C. and F. L.)						
Callahan, John J., St. Johns, Newfoundland. Band-saw guide.	858,148	June 25	5323	1132	128	3143
Callahan, John K. (See Blackburn, George L., assignor.)						
Callahan, Patrick J., Central City, S. D. Umbrella.	850,341	Apr. 16	3316	690	127	2509
Callahan, Thomas H., Harrison, N. J. Pool-ball frame.	854,799	May 28	4880	1013	128	1344
Callahan, William, South Bend, Ind. Pot-head.	845,614	Feb. 26	5726	1212	126	3330
Callahan, William, Quincy, Ill. Cable-roller.	856,335	June 11	1755	364	128	2171
Callais, Albert A., Plaquemine, La. Fence-post brace.	842,078	Jan. 22	4576	983	126	1279
Callan, John G., Lynn, Mass., assignor to General Electric Company. Turbo-generator.	840,040	Jan. 1	491	107-8	126	132
Callan, John G., Lynn, Mass., assignor to General Electric Company. Turbo-generator.	840,431	Jan. 1	1297	285-6	126	339
Callan, John G., Lynn, Mass., assignor to General Electric Company. Valve mechanism for turbines.	841,224	Jan. 15	2884	628	126	821
Callan, John G., Lynn, Mass., assignor to General Electric Company. Turbine.	841,483	Jan. 15	3398	733	126	953
Callan, John G., Lynn, Mass., assignor to General Electric Company. Elastic-fluid turbine.	845,448	Feb. 26	5417	1150-1	126	3252
Callan, John G., Lynn, Mass., assignor to General Electric Company. Governing mechanism for turbines.	845,292	Feb. 26	5126	1086-8	126	3182
Callan, John G., Lynn, Mass., assignor to General Electric Company. Governing mechanism for turbines.	861,085	July 23	4274	1173	129	1503
Callan, John G., Lynn, Mass., assignor to General Electric Company. Gear-pump.	863,781	Aug. 20	2628	727	129	2967
Callan, John G., Lynn, Mass., assignor to General Electric Company. Governing mechanism for turbines.	863,782	Aug. 20	2631	728	129	2968
Callan, John G., Lynn, Mass., assignor to General Electric Company. Reciprocating mechanism for spooling-machines.	873,717	Dec. 17	2874	611-12	131	1698
Callan, John G., Lynn, Mass., assignor to General Electric Company. Governing mechanism for turbines.	874,936	Dec. 31	5391	1127	131	2155
Callan, John G., Lynn, Mass., assignor to General Electric Company. Speed-changing device.	869,058	Oct. 22	2915	804	130	2278
Callan, John G., and H. J. Hanzlik, Lynn, Mass., assignors to General Electric Company. Elastic-fluid turbine.	848,157	Mar. 26	4902	1070	127	1325
Callan, John G., Lynn, and R. H. Rice, Swampscott, Mass., assignors to General Electric Company. Combined coupling and bearing.	854,715	May 28	4714	981	128	1301
Callender, Monroe N., et al. (See Landell, Peter W., assignor.)						
Callender, Monroe N. (See Landell and Williams, assignors.)						
Callender, Monroe N. (See Williams and Landell, assignors.)						
Callmann, Irving, and J. Sabatelli, New York, N. Y. Spraying device.	865,355	Sept. 10	925	265	130	309
Callow, John M. (See Kelly and Callow.)						
Callow, John M., Salt Lake City, Utah. Settling-tank.	845,520	Feb. 26	5565	1179	126	3289
Callow, John M., Salt Lake City, Utah. Screen sizing and separating machinery.	864,827	Sept. 3	96	26-7	130	32
Callow, John M., Salt Lake City, Utah. Screen sizing and separating machinery.	864,828	Sept. 3	98	27-8	130	33
Callow, John M., Salt Lake City, Utah. Screen sizing and separating machinery.	864,829	Sept. 3	101	28-9	130	34
Callow, John M., Salt Lake City, Utah, and J. W. Neill, Butte, Mont. Ore concentrating and separating machine.	859,483	July 9	1799	483	129	636
Callsen, Jürgen. (See Berendes and Callsen.)						
Calmar, William O., San Francisco, Cal. Mechanism for operating awnings.	849,201	Apr. 2	1187	240	127	1892
Calnan, Charles F., Brooklyn, and A. F. Andersen, New York, N. Y. Portable fire-escape.	866,256	Sept. 17	2323	648	130	787
Calulus Company. (See Dennis, Adolphus S., assignor.)						
Calvert, Arthur E. (See Koenig, Charles L., assignor.)						
Calvert, John T., and F. G. Marbach, assignors to A. I. Root Company, Medina, Ohio. Beehive-frame.	846,396	Mar. 5	1352	297	127	342
Camagni, Francesco, Asti, Italy. Automatic dam.	845,394	Feb. 26	5327	1130	126	3230
Camden Anchor-Rockland Machine Co. (See Lamb, Elden P., assignor.)						
Camden Iron Works. (See Matton, Frederick V., assignor.)						
Camenzind, Charles. (See McAdams, Lewis C., assignor.)						
Cameron, Alexander G., assignor of one-half to F. J. Irwin, Winnipeg, Manitoba, Canada. Wire-spring fabric.	857,156	June 18	3339	704	128	2611
Cameron, Arthur, Jackson, Mich. Dumping-wagon.	870,929	Nov. 12	1697	466-7	131	581
Cameron, Arthur, Jackson, Mich. Draft device.	871,204	Nov. 19	2194	582	131	733
Cameron, David G., assignor of one-fourth to H. C. Walker, London, England. Automatic boiler-gage.	843,192	Feb. 5	734	151	126	1981
Cameron, Edgar S., assignor of one-half to M. Salomon, Chicago, Ill. Theatrical scenery.	848,880	Apr. 2	573	114-15	127	1736
Cameron, Edward F., Helena, Mont. Weed-extirminator.	839,810	Jan. 1	21	5	126	8
Cameron, Everett S. (See Cameron, Forrest F. and E. S.)						
Cameron, Ewan, assignor to United States Recording Automatic Scales Company, New York, N. Y. Weighing-machine.	864,290	Aug. 27	3404	946	129	3235
Cameron, Forrest F. and E. S., Brockton, Mass. Transmission-gearing for motor-vehicles.	841,373	Jan. 15	3190	687	126	900
Cameron, Frank W., Frankfort, N. Y. Hoe-rolling machine.	848,630	Apr. 2	18	5	127	1589
Cameron, Henry T., New York, N. Y. Steering-gear socket for automobiles.	854,566	May 21	4406	914	128	1195
Cameron, James A., Brooklyn, N. Y. Tension and regulating mechanism for traveling fabrics.	847,315	Mar. 19	3179	699-700	127	860
Cameron, James A., Butte, Mont., assignor to Cameron Manufacturing and Development Company. Water-current motor.	855,041	May 28	5382	1118-19	128	1473
Cameron, James H., Paris, Tex. Extension car-step.	863,699	Aug. 20	2504	691	129	2929
Cameron, James H., Paris, Tex. Carrier-frame for baskets.	874,658	Dec. 24	4823	1012	131	2040
Cameron, James H., Paris, Tex. Tire-tightener.	875,147	Dec. 31	5816	1214	131	2224

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Cameron, John A., <i>et al.</i> (See Gmeiner, William, assignor.)						
Cameron Manufacturing and Development Company. (See Cameron, James A., assignor.)						
Cameron, William R., New York, N. Y. Ice-cream server	869,879	Nov. 5	12	4	131	9
Cammett, Ira A. (See Fellows and Cammett.)						
Camors, Frederic B., and C. Pelletier, New Orleans, La. Railway-signal	866,331	Sept. 17	2446	682-3	130	826
Camp, Arthur B. (See Delavan and Camp.)						
Camp, Arthur B., assignor to Triumph Voting Machine Company, Pittsfield, Mass. Sectional case for voting-machines	847,045	Mar. 12	2664	586	127	705
Camp, Charles F., <i>et al.</i> (See Camp, Edmond N., assignor.)						
Camp, Christian W., Metamora, Ill. Shifting conveyer	859,595	July 9	1976	533	129	694
Camp, David B. (See Rohrer, Ira A., assignor.)						
Camp, Edmond N., assignor of two-thirds to C. F. Camp and G. Wooster, Moreland, Ga. Fertilizer-distributor	862,708	Aug. 6	1003	269	129	2392
Camp, George E., assignor to Standard Harrow Company, Utica, N. Y. Manure-spreader	842,172	Jan. 29	4801	1025	126	1371
Camp, George E., assignor to Standard Harrow Company, Utica, N. Y. Cultivator-tooth	845,691	Feb. 26	5905	1247	126	3374
Camp, Horace B., Akron, Ohio. Clutch-operating device	861,805	July 30	5423	1494-5	129	1899
Camp, James G. (See Heintzelman and Camp.)						
Camp, James M., Pittsburg, and W. Ahlen, Duquesne, Pa. Shaking-machine	856,619	June 11	2338	481	128	2320
Camp, Joseph E., Washington, Ill. Portable grain-dump	859,596	July 9	1979	533-4	129	695
Camp, Samuel G. (See Dodge and Camp.)						
Campanello, John. (See D'Aversa and Campanello.)						
Campbell, Alexander, Halifax, England. Internal-combustion engine	872,497	Dec. 3	380	79	131	1227
Campbell, Alonzo C., Asheville, N. C. Ore-concentrator	847,236	Mar. 12	3025	666	127	793
Campbell, Angus, Pittsburg, Pa. Cotton-harvester	853,916	May 14	3143	643-4	128	836
Campbell, Angus, Pittsburg, Pa. Seed-cotton drying and cleaning apparatus	853,942	May 14	3198	655-6	128	850
Campbell, Argyle, assignor to Enterprise Railway & Equipment Company, Chicago, Ill. Metallic car-roof	853,342	May 14	1984	409	128	543
Campbell, Benjamin F., assignor of one-half to J. E. Coates, Little Rock, Ark. Signal or alarm	858,571	July 2	349	89	129	125
Campbell Bosworth Machinery Company. (See Wilson, William, assignor.)						
Campbell, Charles A., New York, N. Y. Incandescent gas-lamp	872,895	Dec. 3	1214	259	131	1357
Campbell, Charles D., Bellefontaine, Ohio. Centrifugally-made column	866,712	Sept. 24	2997	850	130	1026
Campbell, Charles E., Lynn, Mass. Rotary dressing implement	856,680	June 11	2450	503	128	2348
Campbell, Charles E., Lynn, Mass. Time controlling device	871,671	Nov. 19	3177	788	131	887
Campbell, Charles E., Lynn, Mass. Rotary fan	871,672	Nov. 19	3179	788-9	131	887
Campbell, Charles H., New York, N. Y. Apparatus for concentrating milk, &c.	867,641	Oct. 8	636	179-80	130	1528
Campbell, Charles H., New York, N. Y., assignor, by mesne assignments, to National Nutrient Company, Jersey City, N. J. Obtaining concentrated milk containing cream. (Reissue)	12,649	May 14	3203	657	128	852
Campbell, Charles W., Macon, Ga. Horse-collar	857,594	June 25	4181	885	128	2854
Campbell, Charles W., Macon, Ga. Collar-pad	857,595	June 25	4183	885	128	2854
Campbell, Clarence W. (See Eichhorn and Campbell.)						
Campbell, Daniel F., Eureka, Cal. Drag-saw	870,712	Nov. 12	1327	363	131	467
Campbell, David F., Vancouver, British Columbia, Canada. Incandescent-lamp bulb	845,053	Feb. 26	4636	986	126	3056
Campbell, David N. E., Baltimore, Md. Portable window fire-escape ladder	857,440	June 18	3868	822	128	2743
Campbell Easy Doubletree Company. (See Campbell, William C., assignor.)						
Campbell, Edward L., Kings Mountain, N. C. Plotting instrument	845,753	Mar. 5	44	10	127	15
Campbell, Eleanor A., Hollywood, Cal. Collapsible wall-shelf	841,484	Jan. 15	3401	734	126	954
Campbell, Elizabeth F., Andalusia, Ala. Gate-latch	857,028	June 18	3093	653	128	2549
Campbell, Emerson B., Bakersfield, Cal. Covering for roofs and the like	842,079	Jan. 22	4577	983	126	1280
Campbell, Evan H., New York, N. Y. Bottle	865,864	Sept. 10	1742	485	130	576
Campbell, Ezra T., and B. H. Noelting, Nebraska City, Nebr. Water-motor	870,225	Nov. 5	557	149	131	183
Campbell, Frank, and G. E. Wilson, Stillwater, Minn. Stock-car	852,417	May 7	12	3-4	128	6
Campbell, Frank G., Washington, D. C. Door for fire-alarm boxes	866,772	Sept. 24	3103	874	130	1069
Campbell, George B. (See Hornbeck, Campbell, and Hite.)						
Campbell, George L. (See Hill, Chester S., assignor.)						
Campbell, George P., Yonkers, N. Y. Toy rapid-fire gun	844,994	Feb. 19	4499	959-60	126	2983
Campbell, George W., New York, N. Y., assignor, by mesne assignments, to Victor Typewriter Company. Platen-shift mechanism	869,347	Oct. 29	3367	926	130	2444
Campbell, George W., New York, N. Y., assignor, by mesne assignments, to Victor Typewriter Company. Tabulating device for type-writers	867,243	Oct. 1	21	7	130	1322
Campbell, George W., New York, N. Y., assignor, by mesne assignments, to Victor Typewriter Company. Type-writer attachment	863,356	Aug. 13	2009	541	129	2744
Campbell, Harry G., New York, N. Y. Label-moistener	865,159	Sept. 3	598	168	130	182
Campbell, Harry G., assignor of one-half to Union School Furnishing Company, Chicago, Ill. Ink-well	875,148	Dec. 31	5817	1214	131	2224
Campbell, Harry H., Steelton, Pa. Converter plant	843,582	Feb. 12	1503	318-19	126	2201
Campbell, Henry, Karns City, Pa. Antirefillable bottle	857,596	June 25	4187	886	128	2855
Campbell, Henry G. (See Switzer, George W. and G. F., assignors.)						
Campbell, J. C., <i>et al.</i> (See Leichter, Edward, assignor.)						
Campbell, James C. (See Leichter, Edward, assignor.)						
Campbell, James H., Strasburg Junction, Va. Limekiln	858,951	July 2	1000	261	129	342
Campbell, James W., Cheviot, N. Y., assignor, by mesne assignments, to Ferguson Brothers Mfg. Co., Hoboken, N. J. Sectional bookcase	852,769	May 7	789	158	128	205
Campbell, James W., Cheviot, N. Y., assignor, by mesne assignments, to Ferguson Brothers Mfg. Co., Hoboken, N. J. Sectional bookcase	852,770	May 7	791	158	128	205
Campbell, Jeremiah, Providence, R. I. Machinery for handling coal, ore, and the like	864,407	Aug. 27	3570	992-3	129	3287
Campbell, Jeremiah, Providence, R. I. Coal-chute	864,408	Aug. 27	3572	993-4	129	3287
Campbell John, Harrisburg, Pa. Railway-tie	852,166	Apr. 30	6977	1456	127	3501
Campbell, John A., Bower Mills, Mo. Bag-holder	841,621	Jan. 15	3660	794	126	1021
Campbell, Joseph C., <i>et al.</i> (See Clark, Henry C., assignor.)						
Campbell, Joseph D., assignor to American Concrete Machinery Company, Columbus, Ohio. Mixing-machine	854,029	May 21	3379	696-7	128	934
Campbell, Leonard H., Providence, R. I. School-desk	841,766	Jan. 22	3961	855	126	1131
Campbell, Lewis C., Kalamazoo, Mich., assignor of one-half to O. A. Geeseka and A. O. Pitcher, Mount Pleasant, Iowa. Door latch and lock	872,896	Dec. 3	1217	259	131	1358
Campbell, Malcolm J., Sumrall, Miss. Closure for retorts	850,133	Apr. 16	2929	612	127	2405
Campbell, Mathias, Blair, Nebr. Weaving device	862,388	Aug. 6	468	124	129	2234
Campbell Printing Press & Manufacturing Company. (See Johnston, Robert T., assignor.)						
Campbell Printing Press & Manufacturing Co. (See Southgate, Louis W., assignor.)						
Campbell Printing Press & Manufacturing Company. (See Wood, Henry A. W., assignor.)						
Campbell, Robert. (See Small and Campbell.)						
Campbell, Robert, Elizabeth, N. J. Combination-tool	867,556	Oct. 1	497	142	130	1468

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Campbell, Robert, Brooklyn, assignor to H. Tollner, New York, N. Y. Sliding-door latch.	840,297	Jan. 1	1014	222	126	272
Campbell, Robert, assignor to H. Tollner, Brooklyn, N. Y. Sliding-door fastener.	857,922	June 25	4832	1024	128	3017
Campbell, Robert B. (See Olden, William Q., assignor.)						
Campbell, Robert B., Joliet, assignor to himself, and W. Q. Olden, Chicago, Ill. Steel side-dump car.	866,620	Sept. 24	2858	806-8	130	988
Campbell, Robert E., Watsonville, Cal. Washing-machine.	866,912	Sept. 24	3302	932	130	1130
Campbell, Robert G., Greensboro, N. C. Apparatus for treating textile fibers.	856,029	June 4	1122	233-5	128	1978
Campbell, Robert H., assignor to Aerators Limited, Angel Road, Edmonton, England. Device for inflating tires, &c.	867,474	Oct. 1	366	106	130	1426
Campbell, Solomon A., et al. (See Abell, Rollin, assignor.)						
Campbell, Solomon A., assignor of one-half to E. T. Kimball, Boston, Mass. Tool.	870,014	Nov. 5	226	61	131	80
Campbell, Sterling H., Detroit, Mich. Journal-box.	857,597	June 25	4188	886	128	2855
Campbell, Sterling H., Detroit, Mich., assignor to J. M. Hopkins, Chicago, Ill. Rail-joint.	847,400	Mar. 19	3367	737	127	907
Campbell, Thomas H., Pittsburg, Pa. Hot-water heater.	850,620	Apr. 16	3864	807	127	2648
Campbell, Victor E., Portland, Oreg. Interchangeable and adjustable screw-driver and combined tool-holder.	855,280	May 28	5854	1220	128	1593
Campbell, Willard B., Jackson, Mich. Elbow pipe-joint.	848,223	Mar. 26	5017	1097	127	1354
Campbell, William C., assignor to Campbell Easy Doubletree Company, St. Louis, Mo. Draft-equalizer.	870,344	Nov. 5	749	200-1	131	247
Campbell, William E., and H. T. Inghram, Fairfield, Iowa. Non-refillable bottle.	872,644	Dec. 3	680	142	131	1225
Campbell, William R., Little York, Ill. Draft-equalizer.	841,930	Jan. 22	4292	926	126	1213
Campe, Julius H. W. (See Post, Friedrich G. J., assignor.)						
Campion, George G., Manchester, England. Bed-rest for invalids.	847,550	Mar. 19	3663	808-9	127	986
Campion, Grant, and M. Wyant, Anderson, Ind., assignors to J. L. Burson, Venito, Va. Poke-hole valve for furnaces.	842,135	Jan. 22	4704	1007	126	1313
Can Dee, Henry O., Syracuse, N. Y. Electric insole.	843,441	Feb. 5	1187	249	126	2088
Canady, Claude L., Dublin, Ind. Grain-cleaning mill.	841,930	Sept. 24	3106	874-5	130	1070
Canales, Frank W., Portland, Me., assignor to Perfection Tube Cleaner Company, Cumberland county, Me. Tube-cleaner.	860,523	July 16	3374	927	129	1180
Canavera, Baptiste F., Coulterville, Ill. Brick-kiln.	855,384	May 28	6028	1258-9	128	1636
Canby, Franklin P. (See Woody, Canby, and Tennant.)						
Canda, Ferdinand E., New York, N. Y. Grating.	856,130	June 4	1310	274	128	2023
Canda, Ferdinand E., New York, N. Y. Grating.	856,131	June 4	1312	274	128	2024
Canda, Ferdinand E., New York, N. Y., assignor to Chrome Steel Works, Chrome, N. J. Jail-bar and similar composite metal object.	847,551	Mar. 19	3664	809	127	987
Candau, Auguste. (See Candau, Jean B. and A.)						
Candau, Jean B. and A., Faux-Bonnes, France. Manufacture of lithopones by electrolysis.	868,253	Oct. 15	1615	-----	130	1849
Candee, Raphael R., Bakersfield, Cal. Building construction.	865,080	Sept. 3	498	137	130	151
Cane, Hugh, Providence, R. I. Shuttle-box-operating mechanism.	839,988	Jan. 1	372	81	126	101
Canfield, Arthur L., Montclair, N. J. Packing isinglass.	843,325	Feb. 5	1000	206	126	2042
Canfield, Frank, assignor to C. J. Morley, Denver, Colo., and E. F. Arthur, trustee. Pen-puller.	840,474	Jan. 8	1390	307	126	402
Canfield, Frank, assignor to A. W. Weil, N. Q. Tanquary, and H. Armstrong, Denver, Colo. Lid-supporter and price-tag holder.	871,752	Nov. 19	3330	821	131	912
Canham, Arthur G., et al. (See Matheson, Robert S., assignor.)						
Cannan, John J. (See Likly and Cannan.)						
Cannan, John J., Rochester, N. Y. Trunk-tray hinge.	871,779	Nov. 26	3405	837	131	953
Cannan, John J., assignor to Henry Likly & Company, Rochester, N. Y. Wardrobe-trunk.	858,572	July 2	350	89-90	129	125
Cannell, Charles, St. Mary's, Tasmania, assignor to J. Alston, South Melbourne, Victoria, Australia. Gear for pumps.	847,902	Mar. 19	4414	968	127	1166
Canniff, William L., New York, N. Y. Pneumatic grout mixing and discharging apparatus.	873,345	Dec. 10	2163	452	131	1541
Cannon, Alexander J., Wilkinsburg, Pa. Curtain-pole.	863,357	Aug. 13	2009	541	129	2744
Cannon, Corodon S., Chicago, Ill. Oil-burner.	852,597	May 7	453	83-4	128	120
Cannon, Corodon S., Chicago, Ill. Ventilating mechanism.	852,650	May 7	558	106	128	146
Cannon, Corodon S., Chicago, Ill. Oil-burner wick.	852,651	May 7	560	106	128	146
Cannon, John F., Erick, Okla. Ter. Adjustable window-shade-supporting means.	846,089	Mar. 5	763	158-9	127	194
Cannon, Michael J., Boston, Mass. Animal-trap.	862,446	Aug. 6	574	151-2	129	2269
Cannon, William H. (See Scroton and Cannon.)						
Canouts, Willis O. (See Brown, Ernst, and Canouts.)						
Canter, F. C., et al. (See Cummins, Clarence R., assignor.)						
Cantine, Martin, Saugerties, N. Y. Machine for coating paper.	858,149	June 25	5325	1132	128	3143
Cantine, Martin, Saugerties, N. Y. Machine for coating paper.	875,241	Dec. 31	6002	1251-2	131	2254
Cantleberry, John C., and W. J. Edwards, Edenburg, Pa. Rail-clamp.	860,633	July 23	3580	982	129	1281
Cantrall, Sarah E., Athens, Ill. Combined cutter and baster.	874,829	Dec. 24	5144	1083	131	2096
Cantrell, Robert B., New York, N. Y. Table for games.	849,974	Apr. 9	2629	549	127	2292
Cantwell, Laurence A., Riverside, Cal. Adjustable ferrule.	858,439	July 2	117	32	129	39
Cantwell, Thomas, St. Louis, Mo. Sewer-pipe cleaner.	872,109	Nov. 26	4149	992-3	131	1063
Cantwell, Thomas, Providence, R. I., assignor of one-half to J. O. Beers, Jr., Brooklyn, N. Y. Floor and laying same.	843,193	Feb. 5	737	151	126	1982
Cantwell, Thomas J., Great Neck, N. Y. Table or easel.	874,052	Dec. 17	3554	757	131	1807
Canty, Patrick M., and H. W. Schoenfeld, Altoona, Pa. Metallic railway-tie.	857,328	June 18	3657	774	128	2693
Capaldi, Joseph, Providence, R. I. Vent-cap.	864,884	Sept. 3	191	53	130	60
Cape, Edmund G. M., and R. J. Durely, Montreal, Quebec, Canada. Heater.	850,818	Apr. 16	4225	888	127	2738
Capelhart, Poindexter W., Norfolk, Va. Tobacco paper for cigarettes.	872,987	Dec. 3	1393	-----	131	1387
Capell, George M., Fassenham, England. System for ventilating mines, &c.	867,791	Oct. 8	852	243	130	1595
Capell, George M., near Stony Stratford, England. Centrifugal fan and pump-wheel.	867,874	Oct. 8	897	284	130	1637
Capen, Edwy O., Buffalo, N. Y. Condensation-preventer.	845,029	Feb. 19	4586	975	126	3005
Capen, Edwy O., Buffalo, N. Y. Condensation-preventer.	865,081	Sept. 3	500	138	130	152
Capen, Thomas W., assignor to Allis-Chalmers Company, Milwaukee, Wis. Shaft suspension.	867,557	Oct. 1	498	143	130	1468
Capener, Frank A., L. Bump, E. Gust, and J. Shields, Baraboo, Wis. Meat-cutting machine.	840,041	Jan. 1	495	108-9	126	133
Caperton, William E., McGregor, Tex. Bee-gum.	870,274	Nov. 5	626	168	131	204
Capewell, George J., assignor to Capewell Horse Nail Company, Hartford, Conn. Scaling-machine.	871,257	Nov. 19	2311	603-4	131	751
Capewell Horse Nail Company. (See Capewell, George J., assignor.)						
Capitol Lock-Nut and Washer Company. (See Gaines, Alfred M., assignor.)						
Caple, Lillian S. (See Sahlmann and Caple.)						
Caplinger, John D., et al. (See Seiler, Philipp, assignor.)						
Capps, Frank L. (See Macdonald and Capps.)						
Capps, John R., Middletown, Cal. Ore-concentrator.	872,555	Dec. 3	513	107	131	1246
Capps, Nellie F., Red Bluff, Cal. Window-shade adjuster.	847,903	Mar. 19	4416	969	127	1167
Caprini, Alexander L., Pittsburg, Pa. Can-closure.	843,516	Feb. 5	1356	285	126	2132

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Capron, Marshall F. (See Bentz and Capron.)						
Capron, Dexter S., Woodstock, Vt. Agricultural implement	849,202	Apr. 2	1188	241	127	1892
Capron, Marshall F., Elyria, Ohio. Mechanism for the manufacture of seamless tubes	843,867	Feb. 12	2024	435	126	2333
Capron, Marshall F., Elyria, Ohio. Mechanism for the manufacture of seamless tubes	843,868	Feb. 12	2028	436	126	2334
Caps, John C. (See Johnson and Caps.)						
Caputo, Louis, East Boston, Mass. Automatic signaling device	873,839	Dec. 17	3145	670	131	1739
Carberry, Edward J., Worcester, Mass. Jack	862,609	Aug. 6	858	230	129	2350
Carbon-Ray Coal Company. (See Czepull, Julius J., assignor.)						
Carbone, Tito L., Berlin, Germany. Clutch mechanism	851,797	Apr. 30	6196	1294	127	3303
Carbone, Tito L., Charlottenburg, Germany. Elastic tire for wheels	873,501	Dec. 10	2450	515-16	131	1593
Carbannelle, Henri, Uccles, Belgium. Machine for punching jacquard-cards for lace-machines	873,293	Dec. 10	2033	425-6	131	1522
Card, Edward M., Middlefield, Conn. Non-refillable bottle	871,780	Nov. 26	3407	837	131	953
Card, Frank S. (See Card, William L. and F. S.)						
Card, William L. and F. S., Denver, Colo. Feed-box for ore-concentrators	869,293	Oct. 29	3272	902	130	2415
Cardwell, Frank F. (See McMillan, Samuel D., assignor.)						
Cardwell, James R., Chicago, Ill. Car construction	840,910	Jan. 8	2253	495	126	616
Cardwell, James R., Chicago, Ill. Draft-gear	861,636	July 30	5155	1415	129	1821
Cardwell, James R., Chicago, Ill. Friction draft-gear	873,210	Dec. 10	1875	393	131	1494
Carel, John O., Duluth, Minn. Pipe-coupling	874,390	Dec. 24	4285	902	131	1952
Carey, Augustus C., Boston, Mass. Electric regulator	843,733	Feb. 12	1778	379	126	2274
Carey, Enos, Grant county, Ind. Harvesting-machine	852,496	May 7	232	41	128	66
Carey, William, assignor, by mesne assignments, to N. T. Jolliffe, Seattle, Wash. Cooking-kettle	857,329	June 18	3660	775	128	2693
Carey, William G., Schenectady, N. Y., assignor to General Electric Company. Trolley-wire ear	873,017	Dec. 10	1493	312	131	1432
Carhart, Edwin M., Providence, R. I. Resilient-tired wheel for self-propelled vehicles	872,645	Dec. 3	682	142	131	1275
Carhart, John W., Austin, Tex. Laminated tire	854,463	May 21	4215	872	128	1149
Carichoff, Eugene R., East Orange, N. J., assignor to General Electric Company. Motor-starting rheostat	867,475	Oct. 1	367	107	130	1427
Carichoff, Eugene R., East Orange, N. J., assignor to General Electric Company. System of control	867,476	Oct. 1	369	107	130	1427
Carichoff, Eugene R., assignor to Otis Elevator Company, East Orange, N. J. Motor control	869,229	Oct. 29	3166	873	130	2382
Carillon, Charles P. (See Carillon, Lewis G. and C. P.)						
Carillon, Lewis G. and C. P., Millersburg, Ohio. Sewing-awl	854,147	May 21	3625	749	128	994
Carlin, Edwin A., and J. F. Jeffs, Nashua, N. H. Cutting and ripping device	863,506	Aug. 13	2220	600	129	2807
Carl, Chester C., Fairfield, Iowa. Disk-grinder	863,902	Aug. 20	2821	775-6	129	3029
Carl, Wilmer S. (See Snitker and Carl.)						
Carlen, John, Havana, N. D. Concrete-brick machine	840,911	Jan. 8	2256	496	126	617
Carleton, Spencer, assignor to Aktin Engraving Company, New York, N. Y. Producing printing-surfaces for use in printing-presses	862,805	Aug. 6	1165		129	2441
Carleton, Stephen J., Arcadia, Fla. Letter-box	842,445	Jan. 29	5404	1145	126	1531
Carlin, Charles C. (See Lecoultrre, Emile, assignor.)						
Carlin, John H. (See Utzler, Elmer W., assignor.)						
Carlin, William J. (See O'Brien, Patrick A., assignor.)						
Carlipp, Ernst, Erlangen, Germany. Apparatus for demonstrating the strains in building constructions	871,861	Nov. 26	3598	880	131	981
Carlisle, A. H. (See Hutchinson, Charles G., assignor.)						
Carlisle, Albert H. (See Friedman and Carlisle.)						
Carlisle, Alphonso B., Atlanta, Ga. Indicator for locks	856,843	June 11	2736	568	128	2420
Carlisle, J. P., et al. (See Harris, William A. and B. S. H., assignors.)						
Carlisle, Robert H., Covington, Ky. Tramway-switch	850,294	Apr. 16	3220	671	127	2482
Carlisle, Scott W., Bradshaw, Nebr. Gate-latch	848,965	Apr. 2	715	145	127	1770
Carlson, George H. (See Swintek, Martin, assignor.)						
Carlson, Axel W., Ely, Minn. Lock-nut	857,869	June 25	4718	1002	128	2989
Carlson, Carl A., Underwood, N. D. Flour-sifter	841,310	Jan. 15	3067	664	126	867
Carlson, Carl A., Holyoke, Mass. Throttle-valve and air-strainer for pneumatic drills	844,776	Feb. 19	4109	876	126	2886
Carlson, Carl G., Braham, Minn. Bag-holder	865,760	Sept. 10	1568	441	130	511
Carlson, Carl W. (See Johnson, Carl J. F., assignor.)						
Carlson, Charles A., Chicago, Ill. Apparatus for mixing fluids	847,552	Mar. 19	3666	809	127	987
Carlson, Charles A., New York, N. Y. Circuit-controller	859,430	July 9	1726	459-60	129	613
Carlson, Charles E., Chicago, Ill. Printing or engraving block	847,237	Mar. 12	3028	667	127	794
Carlson, Charles F., La Grande, Oreg. Ironing-table	841,120	Jan. 15	2693	588	126	773
Carlson, Gabriel, Springfield, Mass. Continuous-screw chocolate-press	840,298	Jan. 1	1017	222-3	126	273
Carlson, George A., Portland, Oreg. Straw-carrier	845,333	Feb. 26	5202	1104	126	3200
Carlson, Ivar, and C. Bergstrom, Worcester, Mass. Valve mechanism for hydraulic elevators	866,189	Sept. 17	2234	623	130	759
Carlson, John A., Chicago, Ill. Sprayer for hose-nozzles	855,444	June 4	9	3	128	1697
Carlson, John O., and C. O. Hedstrom, Funk, Nebr. Animal-trap	873,502	Dec. 10	2451	516	131	1593
Carlson, Lars H., Lorain, Ohio. Clam and oyster opening machine	845,521	Feb. 26	5566	1180	126	3290
Carlson, Nels A., Hallandale, Fla. Fruit and vegetable clipper	848,966	Apr. 2	716	145	127	1770
Carlson, Oscar E. (See Langdon and Carlson.)						
Carlson, Peter J., Laporte, Ind. Stool	849,975	Apr. 9	2630	549	127	2292
Carlsson, Julius C. E. (See Hansen, Müller, and Carlsson.)						
Carlton, Cortland, assignor to National Perforating Machine Company, Kansas City, Mo. Paper perforating or impressing machine	852,375	Apr. 30	7352	1544	127	3594
Carlton & McVey. (See McVey, Theodore J., assignor.)						
Carlucci, Mary C., Newark, N. J. Lock-pin	868,408	Oct. 15	1877	526	130	1927
Carlucci, Michael, Newark, N. J. Lifting-jack	866,913	Sept. 24	3304	932	130	1130
Carlyle, Anastasia, San Francisco, Cal. Hat-pin guard	864,610	Aug. 27	3937	1091	129	3402
Carlyle, Joseph L. (See Baxter and Carlyle.)						
Carman, Alvin O., Homer, Mich. Friction-gearing	855,500	June 4	113	23	128	1723
Carman, Frank V., Oakland, Cal. Car-stake	852,167	Apr. 30	6980	1457	127	3502
Carman, Frank V., Oakland, Cal. Fire-hydrant	867,344	Oct. 1	179	52	130	1366
Carman, Stanley E., et al. (See Sills, Berton H., assignor.)						
Carman, William, Napanoch, N. Y. Tool-holder	842,173	Jan. 29	4805	1026	126	1372
Carmer, James R., Washington, D. C. Hose-terminal	867,108	Sept. 24	3616	1025	130	1225
Carmer, William, Coudersport, Pa. Saw-set	867,792	Oct. 8	854	244	130	1596
Carmichael, Oscar H. (See Krueger, Kinkler, and Carmichael.)						
Carmody, John C., and W. K. Pulsifer, Fitchburg, Mass. Automatic signal attachment for telegraph-registers	845,522	Feb. 26	5568	1180	126	3291
Carmody, Joseph M., Washington, D. C. Concrete form	849,885	Apr. 9	2482	511	127	2256
Carnahan, Charles M., Newport, Ky., assignor to Globe-Wernicke Company, Cincinnati, Ohio. Expandable envelop for vertical files	847,921	Mar. 19	3883	849	127	1041
Carnahan, Charles T., and J. Murphy, Denver, Colo.; said Murphy assignor to said Carnahan. Automatic feeder for tools	844,247	Feb. 12	2758	587-8	126	2517

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Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
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Carnahan, Robert H. (See Risser and Reinhardt, assignors.)						
Carnegie, Alfred Q. (See Parsons and Carnegie.)						
Carnegie, Martin S., Donora, Pa. Die and die-block.	868,325	Oct. 15	1746	492	130	1888
Carnegie Steel Company. (See Lewis, Cleland, assignor.)						
Carnegie Steel Company. (See Davis and Unger, assignors.)						
Carnes, Edward W., assignor to American Can Company, Chicago, Ill. Rectangular can for dried beef and other articles.	844,326	Feb. 19	2949	628	126	2603
Carnes, Edward W., Chicago, Ill., assignor to American Can Company, New York, N. Y. Sectional or compartment can.	853,497	May 14	2272	471	128	616
Carnes, George M., Rochester, N. Y. Wheeling and edge-setting machine.	852,703	May 7	668	130	128	175
Carney, James A., Vernon, Tex. Baling-press.	849,658	Apr. 9	2061	423	127	2148
Carney, John E. (See Weaver and Carney.)						
Carney, Thomas, assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register.	864,509	Aug. 27	3739	1041-2	129	3345
Carney, Thomas, assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register.	864,510	Aug. 27	3743	1042-3	129	3346
Carnine, Arba I., and R. L. Goble, Anaheim, Cal.; said Carnine assignor to said Goble. Hydrocarbon-burner.	872,988	Dec. 3	1393	293	131	1387
Carnit, Edwin C., and A. Forster, assignors of one-third to J. S. White and Company Limited, East Cowes, Isle of Wight, England. Marine turbine.	874,356	Dec. 17	4203	885	131	1908
Caro, Nikodem, Charlottenburg, Germany, assignor to Società Generale per la Ciana-mide, Rome, Italy. Making indigo.	860,900	July 23	3984		129	1410
Caron, Josephine A., Montreal, Quebec, Canada. Pegging-machine.	875,149	Dec. 31	5819	1215	131	2224
Carpenter, Amos H., Stockton, Cal. Rotary engine.	840,688	Jan. 8	1801	398	126	504
Carpenter, Arthur H., <i>et al.</i> (See Carpenter, Franklin R., assignor.)						
Carpenter, Charles E., Cleveland, Ohio. Clutch device for automobiles.	855,501	June 4	114	23	128	1723
Carpenter, Cranston H., <i>et al.</i> (See Carpenter, Franklin R., assignor.)						
Carpenter, Daniel A., New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	843,071	Feb. 5	454	99	126	1908
Carpenter, Ellis C. (See Jarrett, Morris F., assignor.)						
Carpenter, Eva M., Southboro, Mass. Adjustable bedstead attachment.	864,291	Aug. 27	3406	946	129	3235
Carpenter, Frank D., <i>et al.</i> (See Miesse, Americus, assignor.)						
Carpenter, Franklin R., assignor of one-half to A. H., C. H., and M. H. Carpenter, Denver, Colo. Apparatus for obtaining sulfur from furnace-gases.	871,912	Nov. 26	3692	901	131	997
Carpenter, Henry W., assignor to American Woven Lath Company, Washington, D. C. Machine for pressing woven lathing.	862,806	Aug. 6	1168	314	129	2441
Carpenter, James, Brooklyn, N. Y. Weeder, chopper, and scuffle-hoe.	865,566	Sept. 10	1273	361	130	416
Carpenter, Joe, <i>et al.</i> (See Durand, Norbert, assignor.)						
Carpenter, John A., <i>et al.</i> (See Taylor, Charles A., assignor.)						
Carpenter, John W., Bridgewater, Va. Combined burglar-alarm and sash-lock.	868,529	Oct. 15	2067	580	130	1985
Carpenter, Malcolm H., <i>et al.</i> (See Carpenter, Franklin R., assignor.)						
Carpenter, Mason P., assignor of one-half to W. Diesel, Mexico, Mo. Ditching-machine.	849,458	Apr. 9	1654	335-6	127	2048
Carpenter, Richard H., <i>et al.</i> (See Miesse, Americus, assignor.)						
Carpenter, Sidney C., West Hartford, Conn. Pump and valve-controlling mechanism therefor.	842,080	Jan. 22	4578	984	126	1280
Carpentier, Paul, Zurich, Switzerland. Lap-back for bookbinding.	861,261	July 30	4564	1245	129	1636
Carper, Nellie L., Lewistown, Ill. Back tuck-comb.	862,133	Aug. 6	18	6	129	2086
Carr, Arthur S., Hattiesburg, Miss. Still.	840,607	Jan. 8	1664	365	126	471
Carr, Benjamin M., Houston, Tex. Car-wheel chill.	872,608	Dec. 3	604	127-8	131	1262
Carr, Charles B. (See Burbank and Carr.)						
Carr, Charles L. and T. P., Yellow Springs, Ohio. Telephone system.	847,316	Mar. 19	3182	700-1	127	861
Carr, Charles W. (See Evans and Carr.)						
Carr, Elmer E., Chicago, Ill. Steam-boiler.	855,934	Dec. 4	955	198	128	1934
Carr, Fred S., Malden, Mass. Stud member of stud-and-socket fastening devices.	872,796	June 3	992	206	131	1325
Carr, George W., Cleveland, Ohio. Display-sign.	865,356	Sept. 10	926	265-6	130	309
Carr, Harry J., Sumter, S. C. Attachment for automobiles.	897,790	Oct. 8	851	243	130	1595
Carr, Jackson, <i>et al.</i> (See Wilson, Samuel T., assignor.)						
Carr, James, Memphis, Tenn. Car-door.	852,925	May 7	1143	235	128	291
Carr, James B., and F. M. Schmitt, Portland, Oreg. Oblique feeding attachment for sawing-machines.	848,158	Mar. 26	4904	1070	127	1325
Carr, John B., Pemberville, Ohio. Shut-off for oil-tanks.	848,723	Apr. 2	206	42	127	1640
Carr, John W., Manchester, and C. R. Scholes, Bury, England. Weft-replenishing loom.	859,541	July 9	1884	506-7	129	663
Carr, Joseph, Lexington, Mo. Section-brake.	850,730	Apr. 16	4070	851	127	2699
Carr, Judson, Longbeach, Cal. Railway-tie.	861,086	July 23	4277	1173	129	1504
Carr, Matt C., and C. R. Bohannon, Easy Gap, Ky. Traction wheel and rail.	848,442	Mar. 26	5470	1192	127	1467
Carr, Robert S., Oxford, Ohio. Corn-planter.	857,789	June 25	4573	968	128	2954
Carr, Thaddeus P. (See Carr, Charles L. and T. P.)						
Carr, Walter E. (See Knowles and Carr.)						
Carr, William C., Buffalo, N. Y. Automatic transporting device.	851,649	Apr. 30	5905	1234-5	127	3227
Carr, William C., Buffalo, N. Y. Advertising device.	859,484	July 9	1800	484	129	637
Carrara, Marie L., Geneva, Switzerland. Waist-pattern.	865,761	Sept. 10	1569	442	130	511
Carraway, John W., St. James City, Fla. Rail-supporting device.	863,587	Aug. 20	2349	641	129	2876
Carraway, Marshall L., McNeil, Ark. Hand garden-cultivating implement.	863,020	Aug. 13	1480	403	129	2575
Carrell, Fitzhu L., Granger, Tex. Cultivator.	842,623	Jan. 29	5775	1220	126	1621
Carrier, Courtland F., Jr., assignor to Elmira Electro-Chemical Company, Elmira, N. Y. Apparatus for the electrolytic production of chemical compounds.	859,431	July 9	1727	460	129	613
Carrier, Willis H., assignor to Buffalo Forge Company, Buffalo, N. Y. Heating and humidifying air.	854,270	May 21	3858	797	128	1057
Carrigan, Maurice F., Milwaukee, Wis. Cream-separator.	866,190	Sept. 17	2236	623	130	760
Carrington, George, and H. Pusey, San Francisco, Cal. Advertising means.	866,430	Sept. 17	2584	722	130	872
Carroll, Albert E. (See Whitney, Randall M., assignor.)						
Carroll, C. F., <i>et al.</i> (See Dorward, Edwin P., assignor.)						
Carroll, Edward. (See Maroney, Frank L., assignor.)						
Carroll, Edward W., and F. S. Baird, Congress, Ariz. Ter. Trunk-rope fastener.	857,441	June 18	3870	822	128	2743
Carroll, Fred A., Penn Yan, N. Y. Sash-lock.	874,830	Dec. 24	5146	1084	131	2096
Carroll, Fred M., New Haven, Conn. Tachometer.	839,916	Jan. 1	233	49-50	126	64
Carroll, John, Chicago, Ill. Curtain-rod point.	853,680	May 14	2635	547	128	710
Carroll, John B., Chicago, Ill. Advertising-card.	842,857	Feb. 5	32	6	126	1798
Carroll, John E., Philadelphia, Pa. Gas-demonstration apparatus.	847,995	Mar. 19	4607	1010	127	1212
Carroll, John E., Seattle, Wash. Collapsible valuable-case.	867,558	Oct. 1	499	143	130	1468
Carroll, John M., Weatherford, Tex. Bridge construction.	867,477	Oct. 1	371	107	130	1428
Carroll, John P., <i>et al.</i> (See Sarkees, Maroon B., assignor.)						
Carroll, Joseph E., Portsmouth, Ohio. Computing-machine.	864,770	Sept. 3	7	3	130	4
Carroll, Joseph H. (See Lindsay and Carroll.)						
Carroll, Martin, Kansas City, Mo. Cement partition.	861,499	July 30	4941	1357	129	1752

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Carroll, Monroe W., Beaumont, Tex. Well-bailing apparatus.....	864,229	Aug. 27	3310	917	129	3206
Carroll, Patrick P., Seattle, Wash. Car-ventilator.....	844,496	Feb. 19	3287	709	126	2687
Carroll, Philip F., assignor to Champion Machinery Company, Joliet, Ill. Feeding device for dough-machines.....	872,051	Nov. 26	4035	967	131	1044
Carroll, Samuel C., Dallas, Tex. Ventilating system for vehicles.....	847,238	Mar. 12	3029	667	127	794
Carroll, Thomas, assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register.....	864,511	Aug. 27	3748	1043-4	129	3347
Carroll, Thomas, assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register.....	864,512	Aug. 27	3753	1044-5	129	3349
Carroll, Walter J., Detroit, Mich. Manicure implement.....	857,790	June 25	4575	968	128	2955
Carroll, William H., Jersey City, N. J. Disappearing-table cabinet.....	871,084	Nov. 12	1928	529	131	652
Carroll, William N., assignor of one-half to J. Mack, Minneapolis, Minn. Core for making hollow plastic walls.....	858,370	July 2	14	6	129	6
Carron-Archarena Company. (See Haskell, Henry L., assignor.)						
Carrow, Henry, Bonnetterre, Mo. Support for vehicle-tops.....	842,523	Jan. 29	5570	1178	126	1570
Carruthers, James, Newark, N. J. Pneumatic for autopneumatic pianos.....	860,851	July 23	3899	1069	129	1383
Carse, Sandford R. (See Weimer, James assignor.)						
Carsley, Josephine C., Cumberland, Wis. Vegetable-cutter.....	865,628	Sept. 10	1366	387	130	447
Carso, Joe. (See Lombardo, August, assignor.)						
Carson, A. M. (See Adkins, Willis, assignor.)						
Carson, D. B., et al. (See Brodton, Edward R., assignor.)						
Carson, John, San Francisco, Cal. Wave-motor.....	862,807	Aug. 6	1170	315	129	2442
Carson, John B. (See Brink, Moris H., assignor.)						
Carson, Louis T., Fort Collins Colo. Beet dumping and screening apparatus.....	865,235	Sept. 3	720	205	130	217
Carson, Thomas R., et al. (See Ledford, John E., assignor.)						
Carson, William A., Weiser, Idaho. Water-regulator.....	849,203	Apr. 2	1190	241	127	1893
Carson, William H., Madison, Minn. Drain-tile.....	867,945	Oct. 15	1153	318	130	1708
Carstens, Charles, Denver, Colo. Beet and cotton blocker.....	849,327	Apr. 2	1412	284	127	1948
Carswell, Alexander, assignor to J. Williamson, Chicago, Ill. Tilting fire-grate.....	872,710	Dec. 3	826	172	131	1297
Carter, Charles C. (See Morgan, George, assignor.)						
Carter, Charles H. (See Wheeler, George L., assignor.)						
Carter, Charles L., Marion, Ind. Illuminated sign.....	850,521	Apr. 16	3666	767	127	2598
Carter-Crume Company. (See Bottle, Edward K., assignor.)						
Carter, D. E., et al. (See Ray, Joseph C., assignor.)						
Carter, George L., Yellow Springs, Ohio. Wire-clamp.....	858,952	July 2	1001	262	129	343
Carter, Howard O., Detroit, Mich. Motor-car.....	845,850	Mar. 5	227	47	127	59
Carter, James, Leytonstone, England. Apparatus for automatically giving alarm in case of burglary &c.....	840,432	Jan. 1	1300	286-7	126	340
Carter, James, Huntington, W. Va. Metal roof and eaves-trough.....	872,646	Dec. 3	684	143	131	1276
Carter, James D., Baker City, Oreg. Mop-wringer.....	858,150	June 25	5326	1132	128	3144
Carter, Joel F., Kaufman, Tex. Animal-poke.....	854,567	May 21	4408	914	128	1196
Carter, John R., Augusta, Ky., assignor to E. H. Huenefeld, Cincinnati, Ohio. Washing-machine.....	843,734	Feb. 12	1780	380	126	2274
Carter, Joseph W., assignor of two-thirds to F. M. Beard and J. Tooley, Roseburg, Oreg. Hay-press.....	849,528	Apr. 9	1826	370	127	2090
Carter, Josiah A., Jr., Atlanta, Ga. Telegraph-transmitter.....	864,950	Sept. 3	292	78	130	94
Carter, Lincoln J., Chicago, Ill. Theatrical scenery.....	843,583	Feb. 12	1505	319	126	2202
Carter, Llewellyn D., Los Angeles, Cal. Wrench.....	864,155	Aug. 27	3203	887	129	3171
Carter, Melon J. D., London, England. Rotary duplicator.....	856,444	June 11	1999	411	128	2235
Carter, Melon J. D., London, England. Diaphragm for duplicators.....	867,345	Oct. 1	181	53	130	1367
Carter, Melon J. D., London, England, assignor to A. B. Dick Company, Chicago, Ill. Stencil-sheet.....	867,186	Sept. 24	3753	1060	130	1271
Carter, Oliver W. (See Schad, John L., assignor.)						
Carter, Rice & Company. (See Leitch, Samuel G., assignor.)						
Carter, Rice & Company. (See White, Henry B., assignor.)						
Carter, Samuel C., assignor of one-third to C. H. Esler, Los Angeles, Cal. Transmission mechanism.....	875,321	Dec. 31	6157	1285	131	2278
Carter, Spencer B., Elizabeth City, N. C. Plow.....	851,729	Apr. 30	6071	1269	127	3270
Carter, Thomas N., Norton, Va. Loading-machine.....	875,150	Dec. 31	5822	1215	131	2225
Carter, Walter T., and D. S. Beebe, Beaver, Pa. Method and means for the manufacture of wire-glass.....	849,459	Apr. 9	1660	336	127	2050
Carter, William, Clinton, Ky. Switch-stand.....	856,336	June 11	1757	364-5	128	2172
Carter, William E., Huntington, Oreg. Hay-stacker.....	855,281	May 28	5856	1220	128	1594
Carter, William H., Marshall, Tex. Packing for doors and like closures.....	847,553	Mar. 19	3669	810	127	988
Carter, William T., and E. M. Davis, Chicago, Ill. Soap-dispenser.....	866,191	Sept. 17	2237	624	130	760
Carter, Wilson L., Gulfport, Miss. Rotary waffle-iron.....	853,060	May 7	1404	292-3	128	357
Carter, Winfield F., Raymond, Ill. Grain-door for railway-cars.....	861,500	July 30	4943	1358	129	1753
Carter, Woodhouse, Victoria Mills, Low Moor, and E. Hodgson, Cleckheaton, England. Driving mechanism for drawing-through drums of wire-drawing machines.....	865,679	Sept. 10	1439	408	130	469
Cartier, Henri. (See Gauvin, Cartier, and Brunel.)						
Cartland, John H., and J. Lilly, Birmingham, England. Window-opener.....	868,409	Oct. 15	1878	527	130	1928
Cartmel, Frank, Jacksonville, Fla. Fruit-picker's basket.....	849,976	Apr. 9	2631	550	127	2293
Cartter, David K. (See Fuller and Cartter.)						
Cartwright, Florence N., Payne, Ohio. Skirt-protecting garment.....	868,410	Oct. 15	1879	527	130	1928
Cartwright, Forest S., Chicago, Ill. Hair-comb.....	842,524	Jan. 29	5570	1178	126	1571
Cartwright, Forest S., Chicago, Ill. Massage device.....	849,529	Apr. 9	1827	371	127	2090
Carty, Alton B. and R. F., Washington, D. C. Time-controlling mechanism.....	865,629	Sept. 10	1367	388	130	447
Carty, Roy F. (See Carty, Alton B. and R. F.)						
Carver, Allen F., and J. N. Stout, assignors to American Inventions Company, New York, N. Y. Commutator.....	842,624	Jan. 29	5778	1221	126	1622
Carver, Allen F., and J. N. Stout, assignors to American Inventions Company, New York, N. Y. Electric tool-driver.....	852,926	May 7	1144	236	128	291
Carver, Calvin B. P., Bridgewater, Mass. Gin-cylinder.....	868,965	Oct. 22	2767	764	130	2231
Carver, Thomas A. B., Glasgow, Scotland. Lease-rod for looms, warping-machines, and the like.....	857,442	June 18	3872	822	128	2744
Carwile, Eugene B., Atlanta, Tex. Fish-trap.....	872,556	Dec. 3	514	107	131	1246
Cary, Aaron E. (See Maginn and Cary.)						
Cary, Edward T., Alexandria, Va. Combined bottom board and feeder for beehives.....	860,852	July 23	3900	1069	129	1384
Cary, William E., Springfield, Vt. Pencil-sharpener.....	843,999	Feb. 12	2273	486	126	2396
Casaccia, Julius, San Francisco, Cal. Indicating device for bottles.....	873,410	Dec. 10	2282	476	131	1563
Casaday, William L., South Bend, Ind. Riding-plow.....	846,184	Mar. 5	937	198-200	127	238
Casale, Andrew, New Haven, Conn. Receptacle for the drain-water of refrigerators and alarm therefor.....	873,503	Dec. 10	2452	516	131	1593
Casale, Antonio, Scranton, Pa. Electric railway signaling system.....	854,926	May 28	5150	1072-3	128	1415
Casale, Giuseppe, Saltito, Mexico. Lunar calendar.....	853,959	May 21	3247	666	128	901

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Casale, Joseph, New York, N. Y. Folding umbrella.....	868,326	Oct. 15	1747	493	130	1888
Casalis, Giacomo. (See Pavia and Casalis.)						
Case, Adelbert B., Springfield, Mass. Lawn-mower.....	869,771	Oct. 29	4038	1115	130	2648
Case, Alfred H., assignor of one-half to F. H. Case, St. Johnsville, N. Y. Rotary stand cabinet.....	856,764	June 11	2601	534	128	2388
Case, Calvin S., Chicago, Ill. Dental appliance.....	862,881	Aug. 13	1278	347	129	2511
Case, Charles B., Indianapolis, Ind. Window-shade roller.....	842,936	Feb. 5	191	43	126	1837
Case, Charles V., and W. Mayo, assignors to Case Manufacturing Company, Rochester, N. Y. Controlled vending apparatus.....	844,248	Feb. 12	2762	588	126	2519
Case, David A., Jamaica, and W. H. Smith, Richmond Hill, N. Y. Telephone attachment.....	875,151	Dec. 31	5823	1216	131	2225
Case, Edwin M., St. Louis, Mo. Attachment for ink-bottles.....	872,711	Dec. 3	828	172	131	1297
Case, Elbert N., Grand Junction, Colo. Garment-supporter.....	867,478	Oct. 1	372	108	130	1428
Case, Frank E., Schenectady, N. Y., assignor to General Electric Company. Control system for connecting motors as braking-generators.....	844,777	Feb. 19	4111	877	126	2886
Case, Frank E., Schenectady, N. Y., assignor to General Electric Company. Automatic motor cut-out.....	850,211	Apr. 16	3075	645	127	2442
Case, Fred H. (See Case, Alfred H., assignor.)						
Case, George W., Lestershire, N. Y. Compound for the removal of boiler-scales.....	851,159	Apr. 23	4896		127	2947
Case, Henry J., Owasco, assignor to Adriance Platt & Company, Poughkeepsie, N. Y. Grain-harvester.....	861,087	July 23	4277	1173-4	129	1504
Case, James W., Benzonia, Mich. Cultivator.....	861,433	July 30	4864	1333	129	1728
Case, John D., Little Valley, N. Y. Razor-strop.....	866,332	Sept. 17	2450	683	130	826
Case, John D., Little Valley, N. Y. Pocket-knife.....	866,481	Sept. 17	2585	722	130	872
Case, John M., Louisville, Ky. Gyrotary sifter.....	853,061	May 7	1405	293	128	357
Case, John M., assignor to J. M. Case Mill Mfg. Co., Louisville, Ky. Apparatus for disintegrating soft middlings.....	845,851	Mar. 5	229	47	127	60
Case Manufacturing Company. (See Case and Mayo, assignors.)						
Case, Stephen M., Newark, N. J. Apparatus for cleaning blackboard-erasers.....	874,937	Dec. 31	5394	1127	131	2155
Case, William A., San Francisco, Cal. Panorama-camera.....	866,257	Sept. 17	2325	649	130	787
Case, Willis L., New Britain, Conn. Valve-locking device.....	861,501	July 30	4944	1358	129	1753
Casebolt, Charles H., Columbus, Miss., assignor to Grant Bros. Company, Memphis, Tenn., and American Linting Company. Delinting cotton-seed linters.....	848,611	Mar. 26	5801	1264	127	1548
Casein Company of America. (See Dunham, Andrew A., assignor.)						
Casella, Secondo L., assignor to W. F. Barnes Commercial Co., San Francisco, Cal. Basket-making machine.....	867,013	Sept. 24	3466	982	130	1182
Casey, Dennis D., Springfield, Mass. Air-relief valve for radiators.....	845,852	Mar. 5	231	47	127	60
Casey, Edward N., and H. E. Rathbun, Providence, R. I., assignors, by mesne assignments, to American Respirator Company, Boston, Mass. Respirator.....	864,445	Aug. 27	3639	1012	129	3310
Casey, Jackson J. P., Chattahoochee, Ga. Brick-kiln.....	869,621	Oct. 29	3815	1044	130	2583
Casey, Nunan, New York, N. Y. Collar-button.....	851,116	Apr. 23	4795	1009	127	2921
Casey, Owen E., Nashua, Minn. Ditching and grading machine.....	873,718	Dec. 17	2884	612	131	1698
Casey, Patrick W. (See Wright and Casey.)						
Casgrain, Louis A., Winchester, Mass., assignor, by mesne assignments, to United Shoe Machinery Company. Machine for inserting fastenings.....	864,951	Sept. 3	293	78-9	130	94
Casgrain, Louis A., Winchester, assignor to United Shoe Machinery Company, Boston, Mass. Work-gage for nailing-machines.....	865,329	Sept. 3	874	251	130	265
Cashmore, Charles E., New York, N. Y. Fastening device.....	869,059	Oct. 22	2917	804	130	2278
Casler, Herman. (See Marvin and Casler.)						
Cason, Charles W., Sr. (See Shepard and Cason.)						
Caspar, Charles H., et al. (See Lynch, Daniel O., assignor.)						
Caspari, Ernst R., O. Nydegger, Uerdingen, and A. Goldschmidt, Düsseldorf, assignors to R. Wedekind & Co., M. B. H., Uerdingen, Germany. Production of ammonium nitrate.....	864,513	Aug. 27	3757		129	3350
Casper, Frank L., Weiner, Ark. Blacksmith-tongs.....	875,501	Dec. 31	6510	1358	131	2336
Casper, Louis, Chicago, Ill. Machine for pasting and attaching labels.....	866,774	Sept. 24	3107	875	130	1070
Cass, Carlton B., Ravenna, Nebr. Bed attachment.....	845,523	Feb. 26	5569	1180	126	3292
Cass, Cyrus N., Spangle, Wash. Disk harrow.....	853,160	May 7	1575	327-8	128	398
Cass, Frederick I., assignor of one-half to E. Felschow, Clintonville, Wis. Leveling device for boilers.....	858,332	June 25	5637	1206-7	128	3222
Cass, James A., Syracuse, N. Y. Automatic sprinkler-head.....	848,347	Mar. 26	5287	1154	127	1421
Cassady, George, New Westminster, British Columbia, Canada. Weighing-machine.....	857,780	June 25	4720	1002	128	2989
Cassal, Arthur V., Rochester, N. Y. Dust-pan.....	841,622	Jan. 15	3662	794	126	1021
Cassard, Henry J., Westmount, Quebec, Canada. Can-opener.....	857,871	June 25	4722	1003	128	2990
Cassel, Elmer F., Seattle, Wash. Governor.....	865,082	Sept. 3	501	138	130	152
Cassel, Elmer F., Seattle, Wash. Relief mechanism for hydraulic nozzles.....	871,321	Nov. 19	2464	637	131	774
Cassels, William and W. J., London, England. Folding table, form, and the like.....	873,118	Dec. 10	1704	356	131	1467
Cassels, William J. (See Cassels, William and W. J.)						
Cassity, O. P. (See Morton, Joseph C., assignor.)						
Cassity, Oscar, Sturgeon, Mo. Latch.....	842,299	Jan. 29	5060	1079	126	1435
Cassot, Eugene A., New York, N. Y. Letter-box.....	859,801	July 9	2277	620	129	791
Cast Steel Needle Beam Company. (See Pflager, Harry M., assignor.)						
Cast Steel Platform Company. (See Howard, Clarence H., assignor.)						
Cast Steel Platform Company. (See Howard and Westlake, assignors.)						
Castagnos, Joseph B., Iberville, assignor of one-half to J. T. Guyton, Bayou Goula, La. Cane-loader.....	849,106	Apr. 2	999	202	127	1843
Castian, Leopold J., Strathcona, Alberta, Canada, assignor of one-tenth to C. F. Hover, Conrad, Mont. Spring-wheel.....	866,192	Sept. 17	2238	624	130	760
Castiglioni, Rinaldo C., assignor to T. F. Greenwood Company, Providence, R. I. Bracelet.....	842,625	Jan. 29	5781	1221	126	1623
Castle, Alfred M., Chicago, Ill. Shearing-machine.....	858,703	July 2	589	153-5	129	204
Castle, Harry F., Utica, N. Y. Wheel-runner for sleds.....	841,623	Jan. 15	3663	794	126	1022
Castle, Lewis D., Barberton, Ohio, assignor to Pittsburgh Valve & Fittings Company, Pittsburgh, Pa. Gate-valve.....	848,009	Mar. 26	4669	1018	127	1266
Castle, Lewis D., Barberton, Ohio, assignor to Pittsburgh Valve and Fittings Company, Pittsburgh, Pa. Gate-valve.....	861,708	July 30	5262	1447	129	1850
Castle, William H., Geneva, Ohio. Railway-tie.....	843,517	Feb. 5	1357	285	126	2132
Castle, William H., Geneva, Ohio. Railway-tie.....	873,294	Dec. 10	2039	426	131	1523
Castle, Wilmot, assignor to Wilmot Castle Company, Rochester, N. Y. Sterilizer.....	853,498	May 14	2274	471	128	617
Castleman, Benjamin T., St. Louis, Mo. Vibratory massage instrument.....	847,239	Mar. 12	3032	668	127	795
Castner Electrolytic Alkali Co. (See Mauran, Max, assignor.)						
Castonguay, Leger J., Thompsonville, assignor of one-third to H. Staples, Stamford, Conn. Game apparatus.....	851,493	Apr. 23	5567	1167	127	3112
Caswell, Arthur W., Phillipsburg, Kans. Horse-releaser.....	849,886	Apr. 9	2485	511	127	2257
Caswell, Frederick K., Chicago, Ill., assignor to Railway Steel-Spring Company. Spring-load computer.....	847,904	Mar. 19	4417	969	127	1167

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Caswell, Frederick K., Los Angeles, Cal., assignor to Paul Dickinson (Incorporated), Chicago, Ill. Brake-shoe.....	860,279	July 16	3010	824	129	1060
Caswell, John W., <i>et al.</i> (See Ruppel, Charles, assignor.)						
Caswell, William A., Chicago, Ill., assignor to National Dump Car Company. Dump-car.....	871,781	Nov. 26	3408	837	131	953
Caswell, William M., Warren, Pa. Trolley-wheel bearing.....	871,913	Nov. 26	3695	902	131	998
Cataldi, Giovanni, Washington, D. C. Safety-envelop.....	851,117	Apr. 23	4796	1009	127	2921
Catchpole, Alfred, Geneva, N. Y. Automatic regulator for hot-water heating systems.....	865,865	Sept. 10	1743	485-6	130	577
Cates, Lorwin N., St. Louis, Mo. Pneumatic tire.....	849,049	Apr. 2	869	178	127	1808
Cather, Charles E., assignor to United States Envelope Company, Worcester, Mass. Adjustable cutter for envelop-blanks.....	863,588	Aug. 20	2349	641	129	2876
Cathrea, George P., Vancouver, British Columbia, Canada. Display-frame.....	867,109	Sept. 24	3617	1026	130	1226
Catlin, Abel D., Chattanooga, Tenn., assignor to Chattanooga Machinery Company. Steam-feed valve.....	856,569	June 11	2231	459	128	2292
Catlin, Arthur L., Enid, Okla. Ter. Bridle-bit.....	860,524	July 16	3375	928	129	1180
Catlin, De Forrest B., Mankato, Minn. Therapeutic oven.....	859,198	July 9	1367	362	129	491
Catlin, F. M., <i>et al.</i> (See Lappen, James E., assignor.)						
Catlow, James N., <i>et al.</i> , trustees. (See Walker, Robert L., assignor.)						
Catoire, Henri M. P., and J. A. M. Marret, Paris, France. Apparatus for the manufacture of pasteboard boxes by punching.....	874,831	Dec. 24	5147	1084	131	2096
Cator Dump Wagon Company. (See Cator, Richard G. and L., assignors.)						
Cator, Leon. (See Cator, Richard G. and L.)						
Cator, Leon, Palmyra, N. Y. Sliding-door lock.....	848,881	Apr. 2	576	115	127	1737
Cator, Richard G. and L., assignors to Cator Dump Wagon Company, Palmyra, N. Y. Dumping-wagon.....	855,161	May 28	5638	1173	128	1538
Catt, Richard K., Abbotsford, Victoria, Australia. Mask.....	865,996	Sept. 17	1944	543	130	668
Cattlin, Alfred, Akaroa, New Zealand. Rolling-pin.....	855,042	May 28	5386	1119	128	1475
Caufield, Edwin J. (See Welton, Park E., assignor.)						
Caughell, Robert N., Colony Center, Cal. Bicycle-lock.....	841,624	Jan. 15	3665	795	126	1022
Caulkins, Frank L., and F. Wienand, Elgin, Ill. Reed-board.....	868,073	Oct. 15	1358	380-1	130	1771
Causey, Joseph C. (See Metcalf, Jefferson D., assignor.)						
Causey, Joseph L., assignor to North American Biscuit Company, Kansas City, Mo. Oil-burner.....	874,488	Dec. 24	4470	942	131	1984
Cavallaro, Francesco. (See Dearborn, Cavallaro, and MacKenzie.)						
Cavana, Alvin J., Eldora, Iowa. Clothes-supporter.....	871,673	Nov. 19	3181	789	131	888
Cavanagh, James Jr., Brockton, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Lasting-machine.....	873,018	Dec. 10	1494	313-14	131	1432
Cavanagh, John F., Providence, R. I. Shoe-last.....	840,556	Jan. 8	1561	344	126	444
Cavanagh, John F., Providence, R. I. Spark-coil.....	844,578	Feb. 19	3715	781	126	2784
Cavanagh, John F., assignor to United States Rubber Co. of New Jersey, Providence, R. I. Machine for preparing rubber shoes.....	841,121	Jan. 15	2695	589-90	126	774
Cavargna, Joseph, Birmingham, England. Cigarette.....	856,030	June 4	1125	235	128	1979
Cave, Frederick P., Los Angeles, Cal. Acetylene-gas generator.....	860,011	July 16	2626	714	129	934
Caveller, Earnest F., Jacksonville, Fla. Can cutter and spout.....	850,465	Apr. 16	3550	743	127	2568
Cavey, Charles W. (See Winks, Walter H., assignor.)						
Caviglia, Octavio, Habana, Cuba. Measuring device.....	853,768	May 14	2831	582	128	761
Caviglia, Octavio, Habana, Cuba. Distributing device.....	853,769	May 14	2833	582	128	762
Cavileer, William N., Spokane, Wash. Paint-line and awl holder.....	842,858	Feb. 5	33	7	126	1798
Cawein, John. (See Ralston, James E., assignor.)						
Cawley, E. Eugene. (See Teese, William J., assignor.)						
Cawthorne, Walter F., and H. M. Lummis, Elizabeth, N. J., assignors to Autodraft Manufacturing Company. Time-controlled damper.....	842,525	Jan. 29	5572	1178	126	1571
Cayford, James H., Buenos Ayres, Argentina. Apparatus for separating liquids of different specific gravities.....	850,419	Apr. 16	3460	725	127	2546
Caygill, John, Wheeling, W. Va. Drying-furnace.....	858,260	June 25	5517	1177-8	128	3193
Cazeaux, August, <i>et al.</i> (See Marcus, André, assignor.)						
Cazier, Marion H., Chicago, Ill. Skirt-hanger.....	843,794	Feb. 12	1889	405	126	2301
Cazin, Francis M. F., Hoboken, N. J. Luminant in electric incandescent lamps.....	844,778	Feb. 19	4113	877	126	2887
Cazin, Francis M. F., Hoboken, N. J. Apparatus for and method of uniting vitreous parts.....	846,823	Mar. 12	2224	487-8	127	596
Cazin, Francis M. F., Hoboken, N. J. Machine and apparatus for manufacturing filaments for electric incandescent lamps.....	874,938	Dec. 31	5395	1128	131	2156
Cazin, Max, Cavite, Philippine Islands. Automobile and car motor.....	857,980	June 25	4974	1051-2	128	3054
Cease, Frederick A., Plymouth, Pa. Nut-lock.....	842,766	Jan. 29	6102	1287	126	1700
Cecil, Thomas L., Coldwater, Mich. Clamp for basin-cocks.....	852,220	Apr. 30	7076	1479	127	3527
Cedarburg, Arthur C., Chicago, Ill. Display-case for post-cards, &c.....	874,301	Dec. 17	4105	864	131	1891
Cedarstrom, Robert, St. Louis, Mo. Tongs.....	856,681	June 11	2451	504	128	2348
Cederquist, Adolf F. (See Eek and Cederquist.)						
Celenza, Alfonso. (See Mucci and Celenza.)						
Celenza, Domenico, and M. Rosen, New York, N. Y. Umbrella.....	857,157	June 18	3340	705	128	2611
Cellarius, Richard, Sergievskoi Posad, Russia. Tower for sulfuric-acid plants.....	848,631	Apr. 2	20	5	127	1590
Centers, Rollie B., Pine Ridge, S. D. Harness-buckle.....	857,872	June 25	4724	1003	128	2990
Central Brass Manufacturing Company. (See Goldfein, Maurice, assignor.)						
Central Iron Works. (See Lechtenberg, Henry, assignor.)						
Central Ohio Roofing Tile & Brick Company. (See Grant, Milton N., assignor.)						
Central Trust Company of New York, trustee. (See Price, Edgar F., assignor.)						
Century Telephone Construction Company. (See Cadden, Charles C., assignor.)						
Century Telephone Construction Company. (See Kidney, William W., assignor.)						
Century Telephone Construction Company. (See Knight, Herbert L., assignor.)						
Century Telephone Construction Company. (See Sweet, Burton W., assignor.)						
Ceretti, Giulio, Milan, Italy. Clutch for aerial ropeways.....	840,109	Jan. 1	631	137	126	167
Cerruti, Antonio San Francisco, Cal. Solder-feed for can-soldering machines.....	852,869	May 7	1026	213	128	262
Cerutti, Benjamin, Habana, Cuba. Composite building structure.....	847,504	Dec. 10	2453	517	131	1593
Cerutti, Benjamin, Habana, Cuba. Hollow building-block.....	873,505	Dec. 10	2455	517	131	1594
Ceska, George D., assignor to H. L. Shepherd, Duluth, Minn. Shovel.....	846,824	Mar. 12	2229	488	127	597
Chace, Albert F., assignor to E. L. Chace, Boston, Mass. Portable gas-tank.....	863,783	Aug. 20	2635	728	129	2970
Chace, Emma L. (See Chace, Albert F., assignor.)						
Chadderton, Frank W., Oldham, England. Combining-machine for cotton, wool, &c.....	855,430	May 28	6114	1278	128	1656
Chaddock, David C., Wooster, Ohio. Nut-lock.....	842,937	Feb. 5	193	44	126	1838
Chaddock, Emory L., Fresno, Cal. Impelling-roll for raisin-seeders.....	865,236	Sept. 3	721	206	130	217
Chadeloid Chemical Company. (See Ellis, Carleton, assignor.)						
Chadwick, Frank C., Utica, assignor to Savage Arms Company, Frankfort, N. Y. Take-down firearm.....	865,357	Sept. 10	929	266-7	130	311
Chadwick, Jesse A., Moberly, Mo. Machine for grinding locomotive valve-seats.....	870,082	Nov. 5	324	91	131	108
Chadwick, Leonard B., Chelsea, Mass. Book-mark.....	875,502	Dec. 31	6511	1358	131	2337
Chadwick, Roy, Tidioute, Pa. Sucker-rod.....	851,118	Apr. 23	4797	1009	127	2921

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Chaffee, Charles S., Derby, Conn. Rein-holder.....	857,873	June 25	4725	1003	128	2990
Chaffee, Frank W., Albany, N. Y. Hose-band.....	870,763	Nov. 12	1422	386	131	493
Chaffin, Aaron J., Ripon, Wis. Belt guide and holder.....	842,174	Jan. 29	4806	1026	126	1372
Chafin, George T., Stafford, Kans. Bit.....	848,632	Apr. 2	21	5	127	1590
Chailly, François, New York, N. Y. Hydraulic press.....	840,990	Jan. 8	2396	524-5	126	652
Chain, Elmer E., Winthrop, assignor to Turner Tanning Machinery Company, South Boston, Mass. Leather-working machine.....	868,842	Oct. 22	2585	713	130	2175
Chalas, Léon, E. Réquillart, and C. Contal, Levallois-Perret, France. Electric horn.....	874,792	Dec. 24	5078	1070	131	2083
Chalfant, Cotter S., El Paso, Tex. Spark-arrester.....	851,494	Apr. 23	5568	1167	127	3112
Chalfant, Noah H., Muncie, Ind. Combination wagon and sled.....	863,358	Aug. 13	2010	542	129	2745
Challen, James R., Collegeville, Pa. Attachment for telephone-receivers.....	844,299	Feb. 12	2879	612	126	2547
Challenge Belt Co. (See Reichelt, Bruno, assignor.)						
Chalupsky, Mathias, Detroit, Mich. Awning.....	864,885	Sept. 3	192	54	130	60
Chambaud, Alexandre, Paris, France. Aluminium alloy.....	856,392	June 11	1896	.....	128	2210
Chamberlain Cartridge & Target Company. (See North, Paul, assignor.)						
Chamberlain, Clarence K. (See Mapes, Dorchester, assignor.)						
Chamberlain, Edward N., Natchez, Miss. Amusement device.....	847,240	Mar. 12	3033	668	127	795
Chamberlain, Frederic W., assignor to Warren Featherbone Company, Three Oaks, Mich. Display device.....	860,635	July 23	3582	982	129	1282
Chamberlain, George E., St. Louis, Mo. Apparatus for milling grain.....	869,622	Oct. 29	3816	1045	130	2583
Chamberlain, Jesse H. (See Van Dusen and Krohn, assignors.)						
Chamberlain, Mary E., Muskegon, Mich. Cuspidor.....	860,904	July 23	3990	1093	129	1413
Chamberlain, Rufus N., Depew, assignor to Gould Storage Battery Company, New York, N. Y. Storage-battery grid.....	869,348	Oct. 29	3369	927	130	2445
Chamberlin, Carl S., and D. Harrington, Colorado Springs, Colo. Railway-switch.....	850,342	Apr. 16	3317	690	127	2510
Chamberlin Cartridge & Target Company. (See Leggett, Joseph P., assignor.)						
Chamberlin, Charles E., Detroit, Mich. Curtain-fastener.....	860,634	July 23	3581	982	129	1281
Chamberlin, Harry W., et al. (See Neuhaud, Samuel A., assignor.)						
Chamberlin, Henry C., Olyphant, Pa. Stand.....	864,611	Aug. 27	3938	1092	129	3403
Chamberlin, Henry C., Olyphant, Pa. Furnace-grate.....	873,411	Dec. 10	2284	476	131	1563
Chamberlin Metal Weather Strip Company. (See Bacon, Levi S., assignor.)						
Chamberlin Metal Weather Strip Company. (See Hiltz and Smith, assignors.)						
Chamberlin Metal Weather Strip Company. (See Kenny, Hugh E., assignor.)						
Chamberlin Metal Weather Strip Company. (See Lawder, Will J., assignor.)						
Chamberlin, Rollin S. (See Kinnard, Leonard H., assignor.)						
Chamberlin, Willis A. (See Pitner, Henry B., assignor.)						
Chambers, Andrew. (See Denisthorpe and Chambers.)						
Chambers Bering Quinlan Company. (See Bering and Ford, assignors.)						
Chambers Brothers Company. (See King, Howard K., assignor.)						
Chambers, Charles B., Milo, Mo. Shipping-case.....	866,621	Sept. 24	2862	808	130	989
Chambers, Cyrus, Jr., Overbrook, Pa. Mixing dough.....	852,497	May 7	235	42	128	67
Chambers, David S., M. G. Froome, J. C. Hull, and C. A. McCrary, La Grande, Oreg. Beet-loader.....	859,364	July 9	1634	435	129	583
Chambers, John E., Shelbyville, Ind. Incubator.....	873,295	Dec. 10	2040	426-7	131	1523
Chambers, John S., Wilmington, N. C. Throttle-valve.....	872,797	Dec. 3	994	206-7	131	1325
Chambers, Jonathan F., assignor of one-half to U. C. Hays, Jr., Washington, D. C. Bushing for air-pin plates.....	841,665	Jan. 22	3748	814	126	1075
Chambers, Okey J. (See Goff, Lewis S., assignor.)						
Chambers, Robert A., New Glasgow, Nova Scotia, Canada. Testing pneumatic tools.....	842,136	Jan. 22	4705	1007	126	1314
Chambers, Solomon R. (See Chambers, William R., S. R., and W. H.)						
Chambers, Wade H. (See Chambers, William R., S. R., and W. H.)						
Chambers, William R., S. R., and W. H., May, Texas. Knee-pad.....	857,719	June 25	4428	935	128	2917
Chamblee, Wilson G., Van Zandt county, Tex. Evaporating-pan.....	853,398	May 14	2081	432	128	566
Chambon, Louis. (See Frydman and Chambon.)						
Chameleon Signal & Manufacturing Company. (See Richardson, William A., assignor.) (Reissue.)						
Chamness, Joseph, Guthrie, Okla. Ter. Cotton-chopper.....	867,946	Oct. 15	1153	318	130	1708
Champion Blower & Forge Company. (See Booth, Ulysses S., assignor.)						
Champion Blower & Forge Company. (See Keiper, Henry B., assignor.)						
Champion Chemical Company. (See Colthar, William U., assignor.)						
Champion Chemical Company. (See Perks, Albert J., assignor.)						
Champion Lever Machine Company. (See King, Robert P., assignor.)						
Champion Lever Machine Company. (See Ogborn, Harrison, assignor.)						
Champion Machinery Company. (See Carroll, Philip F., assignor.)						
Champion Machinery Company. (See Meyer, Ernest C., assignor.)						
Champion Machinery Company. (See Smith, Edgar W., assignor.)						
Champion Machinery Company. (See Streich, Frank, assignor.)						
Champion, William C., et al. (See Stephens and McGrath, assignors.)						
Champlin, Frank A. (See Burton, James L., assignor.)						
Champlin, Willoughby V. (See Cornelius and Champlin.)						
Champney, William P. (See Manning, Robert, assignor.)						
Chanavas, Paul J., New York, N. Y. Whisk-broom.....	861,262	July 30	4565	1245	129	1637
Chance, Herbert D., Loveland, Colo. Apparatus for canning and washing.....	870,415	Nov. 5	866	231	131	284
Chancey, Christopher C., Hartford, Ala. Automatic railway-switch.....	867,346	Oct. 1	181	53	130	1367
Chandeysson, Pierre I., St. Louis, Mo. Block-signal.....	865,866	Sept. 10	1744	486	130	577
Chandlee & Chandlee. (See Morton, Governer W., assignor.)						
Chandlee, William H., Washington, D. C. Figure toy.....	854,271	May 21	3860	797	128	1057
Chandler, Alfred B., assignor to Ruger Fountain Ink Pad Company, Chicago, Ill. Ink-pad.....	848,724	Apr. 2	207	42	127	1640
Chandler, Edward F., assignor of two-thirds to E. R. Van Tassel and A. E. Leighton, Brooklyn, N. Y. Machine for holding, stamping, and displaying checks.....	874,905	Dec. 24	5285	1114	131	2119
Chandler, Frank W., Valley City, N. D. Stone-guard for dental grinding-tools.....	869,417	Oct. 29	3478	955	130	2479
Chandler, George E. (See Meats and Chandler.)						
Chandler, Gilbert E., Cambridge, Mass. Box for pens, &c.....	856,941	June 11	2908	610	128	2460
Chandler, Josiah. (See Chandler, Samuel and J.)						
Chandler, Leroy H. (See Vizents and Chandler.)						
Chandler, Orvin H., assignor of one-half to J. A. Bailey, Clinton, S. C. Blind-slat tenon.....	861,058	July 23	4278	1174	129	1504
Chandler, Samuel and J., Westminster, assignors to Living Letters Limited, London, England. Mechanical device for advertising purposes.....	865,237	Sept. 3	723	206	130	218
Chandler, Samuel and J., assignors to Living Letters Limited, Westminster, London County, England. Device for advertising or spectacular exhibitions.....	867,110	Sept. 24	3618	1026-7	130	1226
Chaney, James H., Stanton, Tenn., assignor of two-thirds to W. F. De Witt, Philadelphia, Pa. Combined tool.....	871,476	Nov. 19	2808	706	131	825
Channell, Emmett W., Lake Charles, La. Fence-machine.....	850,343	Apr. 16	3319	691-2	127	2510
Channon, Henry, Chicago, Ill. Excavating-shovel.....	867,947	Oct. 15	1155	318-19	130	1708

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Channon, Henry, Chicago, Ill. Excavating-bucket.....	868,595	Oct. 15	2184	610	130	2027
Chapa, Francisco P., assignor of one-half to T. Salazar, Alice, Tex. Stalk-cutter.....	845,692	Feb. 26	5906	1247	126	3375
Chapel, George H., Howell, Mich. Eyeglasses. (Reissue).....	12,709	Oct. 29	4191	1157	130	2694
Chapin, Henry S. (See Burt and Chapin.)						
Chapin, James C., Englewood, N. J. Tennis-net.....	843,326	Feb. 5	1002	206	126	2043
Chapin, James C., Englewood, N. J. Tennis-net.....	857,598	June 25	4190	886	128	2855
Chapin, Mary G., Providence, R. I., assignor of one-half to S. G. Schuyler, Arlington, Mass. Garment.....	859,739	July 9	2187	592	129	760
Chapin, Murray H., Bridgeport, Conn., assignor to Union Typewriter Company, Jersey City, N. J. Inking-ribbon for type-writing machines.....	855,559	June 4	222	43	128	1753
Chaplet, Frédéric M., Laval, assignor to La Compagnie Française de l'Amiante du Cap, Paris, France. Insulation of electric wires and cables.....	861,950	July 30	5633	1561	129	1965
Chaplin, Edwin D., assignor, by mesne assignments, to Crystal Sweet Company, Boston, Mass. Sweetened food compound and preparing the same.....	851,221	Apr. 23	5030	.....	127	2978
Chaplin, Edwin D., Boston, Mass., assignor to International Lead Companies. Producing pigments by electrolysis.....	871,161	Nov. 19	2109	566	131	719
Chaplin, Edwin D., Boston, Mass., assignor to International Lead Companies. Producing pigments by electrolysis.....	871,162	Nov. 19	2112	566	131	719
Chaplin-Fulton Manufacturing Company. (See Fulton, Louis B., assignor.)						
Chapman, Alonzo E., Redlands, Cal. Flume-gate.....	847,160	Mar. 12	2867	632	127	755
Chapman, Charles E., assignor of one-half to J. Goodfellow, Fort Edward, N. Y. Boiler.....	861,089	July 23	4279	1174-5	129	1504
Chapman, Charles H., Winchester, Mass. Spinning-spindle and bearings therefor.....	841,485	Jan. 15	3403	734	126	955
Chapman, Charles H., Winchester, Mass. Spinning-spindle and bearing therefor.....	875,503	Dec. 31	6513	1359	131	2337
Chapman Electric Neutralizer Company. (See Chapman, William H., assignor.)						
Chapman, Eugene F., Keytesville, Mo. Combination-tool.....	849,723	Apr. 9	2170	447	127	2175
Chapman, Frank M., Fort Edward, assignor to Chapman Frictionless Suction Box Company, Glens Falls, N. Y. Antifriction suction-box.....	859,167	July 2	1318	350	129	444
Chapman, Fred H., Groton, Mass. Cutting-tool.....	858,440	July 2	118	33	129	40
Chapman, Fred M. R. W., and H. W., Oldtown, Me. Work-gage.....	857,443	June 18	3873	823	128	2744
Chapman Frictionless Suction Box Company. (See Chapman, Frank M., assignor.)						
Chapman, Giles A., Augusta, Ga. Car-coupling.....	859,871	July 9	2389	651	129	825
Chapman, Harry W. (See Chapman, Fred M., R. W. and H. W.)						
Chapman, Harvey, Dorchester, Mass. Cleaning device.....	873,412	Dec. 10	2285	476	131	1563
Chapman, James W. (See Savage and Chapman.)						
Chapman, John W., and C. C. Foss, Barwick, Ga. Nut-lock.....	872,897	Dec. 3	1219	259	131	1358
Chapman, Joseph D. (See Portelli and Chapman.)						
Chapman, Lee J., Columbus, Ohio. Cuspidor-carrier.....	841,225	Jan. 15	2887	628	126	822
Chapman, Lewis S., Schenectady, N. Y., assignor to General Electric Company. Starting-rheostat.....	843,735	Feb. 12	1781	380	126	2274
Chapman, Penrose E., St. Louis, Mo. Armature-winding machine.....	874,163	Dec. 17	3815	804	131	1844
Chapman, Ralph W. (See Chapman, Fred M., R. W., and H. W.)						
Chapman, Richard M., Brooklyn, assignor of one-half to H. Clemens, New York, N. Y. Composite railway-tie.....	862,709	Aug. 6	1004	269	129	2893
Chapman Valve Manufacturing Company. (See Howard, Ernest G., assignor.)						
Chapman, William B., Wilburton, Ind. Ter. Mining-machine.....	841,625	Jan. 15	3665	795	126	1022
Chapman, William D., Theresa, assignor to F. J. Sharp and C. J. Smith, Watertown, N. Y. Trolling artificial bait.....	839,917	Jan. 1	235	50	126	65
Chapman, William H., assignor to Chapman Electric Neutralizer Company, Portland, Me. Neutralizing static electricity.....	844,300	Feb. 12	2880	613	126	2548
Chapman, Winthrop M., Needham, Mass. Railway block-signal system.....	865,013	Sept. 3	393	106-7	130	123
Chapman, Winthrop M., Newton, Mass., assignor to Electric-Railway Signal Company, Kittery, Me. Railway block-signal system.....	859,872	July 9	2390	651-2	129	825
Chapot, Frank P., assignor to Chapot-Shirlaw Company, Great Bend, Pa. Polishing-brush.....	865,762	Sept. 10	1570	443	130	511
Chapot-Shirlaw Company. (See Chapot, Frank P., assignor.)						
Chappel, James M., Dallas, Tex. Electric time-switch.....	841,226	Jan. 15	2890	628	126	822
Chappell, George H., Westwood, N. J., assignor to Progressive CO ₂ Power Company, New York, N. Y. Motor.....	850,295	Apr. 16	3222	671-2	127	2483
Chappell, McLeod W. (See Armitage, Albert A., assignor.)						
Chappelle, Albert W. (See Brown and Chappelle.)						
Chappelle, Charles H., Woodburn, Ore. Screw-driver.....	873,296	Dec. 10	2044	427	131	1523
Chapple, Albert J. M., Cobar, New South Wales, Australia. Pipe-coupling.....	863,903	Aug. 20	2823	776	129	3029
Charbonneau, Leandre, Woonsocket, R. I. Automatic circuit-closer.....	843,327	Feb. 5	1003	206	126	2043
Charity, William H. C. D., and T. Critchley, Hindley, England. Game appliance.....	851,864	Apr. 30	6351	1324	127	3344
Charland, Adelard, Lake Megantic, Quebec, Canada. Alarm for gages, clocks, &c.....	843,929	Feb. 12	2152	459	126	2367
Charles E. Hancock Company. (See Patten, Charles H., assignor.)						
Charles, Emile, Paris, France. Announcing or advertising apparatus.....	874,832	Dec. 24	5148	1084-5	131	2096
Charles, Henry L., Salt Lake City, Utah, assignor of one-half to F. A. Heinze, Butte, Mont. Feeding reverberatory furnaces.....	871,477	Nov. 19	2809	706-7	131	825
Charles, Homer, Rapid City, S. D. Explosive-engine.....	864,830	Sept. 3	104	29-30	130	34
Charles, Homer, Rapid City, S. D. Thermostatic regulator for explosive-engines.....	864,831	Sept. 3	107	30	130	35
Charles Longenecker & Company. (See Wright and Longenecker, assignors.)						
Charles M. Thompson Company. (See Thompson, Charles M., assignor.)						
Charles, Owen A., assignor to Rex Shield and Manufacturing Company, Connorsville, Ind. Storm-front for vehicles.....	864,952	Sept. 3	299	79	130	96
Charleston Metallic Packing Company. (See Taylor, William F., assignor.)						
Charley, John J., Harefield, New South Wales, Australia. Stripper-harvester.....	844,000	Feb. 12	2275	486	126	2396
Charlottenburger Farbwerke Aktien Gesellschaft. (See Wagner, Hubert, assignor.)						
Charlton, James, Houston, Tex. Hydraulic drill.....	854,464	May 21	4216	872	128	1149
Charnon, Edward T., Hannibal, Mo. Combined vehicle and boat.....	863,261	Aug. 13	1873	505	129	2698
Charpier, Edward. (See Charpier, Walter H. E. and E.)						
Charpier, Walter H. E. and E., Chicago, Ill. Pipe-cutter.....	859,432	July 9	1729	460	129	614
Charroin, Eugene L., Seattle, Wash. Sash construction.....	844,301	Feb. 12	2881	613	126	2548
Charroin, Eugene L., Seattle, Wash. Weather-guard.....	848,882	Apr. 2	578	115	127	1737
Charron, Ferdinand, Puteaux, France. Automobile vehicle for military purposes.....	853,625	May 14	2535	526	128	684
Charron, Ferdinand, Puteaux, France. Portable bridge.....	854,329	May 21	3958	818	128	1085
Charron, Ferdinand, Puteaux, France. Chain-driving-gear case for automobiles.....	855,878	June 4	845	175	128	1907
Chartener, Victor. (See Norton and Chartener.)						
Chartener, Victor. (See Shaw and Chartener.)						
Chartener, Victor, Pittsburg, Pa. Universal rolling-mill.....	846,825	Mar. 12	2230	488-9	127	597
Chartier, Arthur N., Boston, Mass. Thread-retainer.....	867,347	Oct. 1	183	53	130	1368
Chartes, Ponsonby M., Bathbeach, N. Y. Shoe-lace and fastener.....	875,152	Dec. 31	5824	1216	131	2225
Chase and Baker Company. (See Chase, Joseph H., assignor.)						
Chase, Charles A., Chicago, Ill. Lamp-socket.....	845,754	Mar. 5	49	10	127	16
Chase, Clark, assignor to American Cableway Company, Fall River, Mass. Carrier.....	859,542	July 9	1887	507-8	129	664

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Chase, Clark, assignor to American Cableway Company, Fall River, Mass. Hoisting-bucket.....	859,543	July 9	1893	508	129	667
Chase & Co., L. C. (See Kinder, Arthur H., assignor.)						
Chase, Daniel R., Finley, N. D. Vise.....	868,966	Oct. 22	2768	764	130	2232
Chase, James L., Ayer, assignor of one-half to R. J. Joslin, Webster, Mass. Trolley-harp.....	872,898	Dec. 3	1220	260	131	1358
Chase, John F., St. Petersburg, Fla. Water-purifying apparatus.....	851,160	Apr. 23	4896	1029-30	127	2947
Chase, Joseph H., assignor to Chase & Baker Company, Buffalo, N. Y. Air-governor for musical instruments.....	849,050	Apr. 2	870	178	127	1809
Chase, Joseph H., assignor to Chase and Baker Company, Buffalo, N. Y. Pneumatic motor.....	852,820	May 7	913	187	128	233
Chase, Nial N., Peoria, Ill. Steam-cooker.....	840,823	Jan. 8	2063	457	126	568
Chase Rolling Mill Co. (See Moshier, James W., assignor.)						
Chase, William, Jr., Indianapolis, Ind. Boring-bar.....	871,031	Nov. 12	1847	506	131	627
Chasse Manufacturing Company. (See Chassé, Raphael, assignor.)						
Chassé, Raphael, assignor to Chasse Manufacturing Company, Middletown, N. Y. Animal-trap.....	873,988	Dec. 17	3415	728	131	1787
Chasteen, James F., <i>et al.</i> (See Baum, James B., assignor.)						
Chatfield, Horace G., Waterbury, Conn. Cord-adjuster.....	860,189	July 16	2877	786	129	1015
Chatham, Thomas J., and J. S. Holliday, Turlock, Cal. Pneumatic tire.....	861,434	July 30	4865	1333	129	1728
Chattanooga Implement and Manufacturing Company. (See Starr, Hillyard A., assignor.)						
Chattanooga Machinery Company. (See Catlin, Abel D., assignor.)						
Chatterton, Albert E. (See Copeland and Chatterton.)						
Chattin, William J. (See Bremer, Chattin, and Hoenisch.)						
Chatzkelewitz, Boris, St. Petersburg, Russia. Cigarette-wrapper-charging machine....	859,365	July 9	1636	436	129	583
Chavanne, Irénée A., and B. Ollagnier, St. Chamond, France. Mill.....	863,589	Aug. 20	2350	642	129	2877
Chavey, George H., Winoski, Vt. Drawing-pen.....	874,302	Dec. 17	4107	864	131	1891
Chaytor, Brian T., assignor of one-half to W. Brady, Te Puke, New Zealand. Non-wearing axle for wheels.....	862,051	July 30	5762	1601	129	2004
heape, John A., Charlottesville, Va. Device for calculating the price of articles.....	866,914	Sept. 24	3305	933	1:0	1131
heek, Henry M., and C. P. Brooks, Pleasant Plains, Ark. Nut-lock.....	854,800	May 28	4881	1014	128	1344
heek, Thomas B., Mattoon, Ill. Railway-rail joint.....	869,479	Oct. 29	3578	981	130	2510
heesbro, Emery H., Dansville, N. Y. Water pan or hood for grindstones.....	844,497	Feb. 19	3288	709	126	2687
heesbro, William A., assignor of two-thirds to D. E. Lyons and W. H. Sheasby, Los Angeles, Cal. Means to record the speed of automobiles.....	871,032	Nov. 12	1848	506-7	131	628
hell, Francis J., Seacombe, England. Transom-lifter.....	875,322	Dec. 31	6165	1285	131	2278
hellis, William H., Milwaukee, Wis. Spring-helix.....	841,227	Jan. 15	2892	629	126	823
heltz, Roy B., Earl Park, Ind. Combined hay and stock rack.....	852,870	May 7	1029	213	128	262
hemical Products Company. (See Mark, Harry S., assignor.)						
hemical Refrigerator Car and Manufacturing Company. (See Clarke, Alva R., assignor.)						
hemisch-Electrische Fabrik Prometheus G. M. B. H. (See Bölling, Friedrich, assignor.)						
hemische Fabrik Griesheim Elektron. (See Laska and List, assignors.)						
emische Fabrik Griesheim Elektron. (See Suchy, Robert, assignor.)						
emische Fabrik Griesheim-Elektron. (See Laska, August L., assignor.)						
emische Fabrik Grünau Landshoff & Meyer Aktiengesellschaft Manufacturing Chemicals. (See Franke, Emil, assignor.)						
emische Fabrik von Heyden, Aktiengesellschaft. (See Hirsch, Jacob G., assignor.)						
emische Fabrik von Heyden Aktiengesellschaft. (See Philipp, Curt, assignor.)						
enault, Daniel M., <i>et al.</i> (See Pullins, David C., assignor.)						
enault, John C., <i>et al.</i> (See Pullins, David C., assignor.)						
eney, Charles C., San Jose, Cal. Lawn-sprinkler.....	860,445	July 16	3274	894	129	1146
eney, Earl A., <i>et al.</i> (See Hunsinger, John E., assignor.)						
eney, Frank, <i>et al.</i> (See Hunsinger, John E., assignor.)						
eney, George K., New York, N. Y., assignor, by mesne assignments, to Victor Talking Machine Company. Composition of matter for sound-records.....	854,801	May 28	4882	1014	128	1345
eney, Herbert W., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Controlling mechanism.....	864,446	Aug. 27	3641	1013	129	3311
eney, Herbert W., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Potential-starter attachment.....	868,596	Oct. 15	2186	610	130	2028
eney, Herbert W., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Controlling mechanism.....	871,205	Nov. 19	2195	583	131	734
eney, Norman T., Batavia, Ill. Letter-box.....	854,627	May 21	4512	942	128	1221
eney, Samuel A., Keene, N. H. Lawn-mower sharpener.....	853,399	May 14	2082	432	128	566
eney, Thomas J., Lodi, Ohio. Churn.....	844,327	Feb. 19	2951	628	126	2604
eney, Thomas J., Lodi, Ohio. Fastener for tool-handles.....	851,065	Apr. 23	4706	990	127	2900
eney, Thomas J., Lodi, Ohio, assignor to F. D. Merrill, Seattle, Wash. Churn. (Resue).....	12,617	Mar. 19	4607	1010	127	1212
enoweth, Jesse W. (See Chenoweth, Oscar U. and J. W.)						
enoweth, Oscar U. and J. W., Otterbein, Ind. Boiler.....	860,728	July 23	3715	1018	129	1322
enry, Charles A. A., Etampes, France. Rail and other like joint.....	857,229	June 18	3474	733	128	2646
enry, Frank W., Des Moines, Iowa, assignor of one-half to D. W. Heath, Chicago, Ill. Postage-stamp affixer.....	844,302	Feb. 12	2883	613	126	2548
enry, Norman N., Springfield, Ohio. Cuspidor.....	860,901	July 23	3985	1091-2	129	1411
enborough, Frederick D., Fall River, Mass. Weft fork and slide for looms.....	858,151	June 25	5327	1133	128	3144
enbro, John, Oneonta, N. Y. Lawn-mower sharpener.....	875,411	Dec. 31	6339	321	131	2308
esebro, Denison P., New York, N. Y. Trestle.....	841,931	Jan. 22	4294	926	126	1213
esebro, Denison P., New York, N. Y. Scaffold.....	841,932	Jan. 22	4294	926	126	1213
esney, John, Paulsboro, N. J., assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Paper-cutter for duplex shell-machines.....	852,168	Apr. 30	6982	1457	127	3503
esnut, James M. (See Galyan and Chesnut.)						
esrown, John W. (See Hood, William I., assignor.)						
esrown, M. M. (See Faifer, Anthony, assignor.)						
esler, Arthur T., Pelham, N. Y. Mechanical musical instrument.....	850,621	Apr. 16	3866	808	127	2648
esler, Charles E. (See Thomas, George J., assignor.)						
esler, James, New York, N. Y. Illuminated sign.....	873,921	Dec. 17	3287	702	131	1765
eswood, Robert E., Jr. (See Blakeney and Chetwood.)						
eslier, J. H. (See Laporte, George, assignor.)						
eslette, Eugene, assignor of one-half to A. H. La Rue, Fitchburg, Mass. Loom picker-k.....	865,680	Sept. 10	1441	408	130	470
Benjamin A., Augusta, Ga. Cotton-picker.....	848,967	Apr. 2	717	145-6	127	1771
Benjamin A., Augusta, Ga. Cotton-picker.....	848,968	Apr. 2	721	146	127	1771
Benjamin A., assignor of one-fourth to J. T. Heard, Augusta, Ga., one-eighth to Atkins, one-sixteenth to C. B. Hervey, and one thirty-second to E. M. Johnson, Ala. Non-refillable bottle.....	858,261	June 25	5519	1178	128	3193

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Chewning, C. D. (See Taylor, Burt E., assignor.)						
Chicago Car Seal & Manufacturing Company. (See Foote, Lewis A., assignor.)						
Chicago Distributing and Trading Company. (See Koch, Christian H. C., assignor.)						
Chicago Film Exchange. (See Spaulding and Smith, assignors.)						
Chicago Fuse Wire and Manufacturing Company. (See Hoffmann, Otto C., assignor.)						
Chicago Fuse Wire & Mfg. Co. (See Hoffmann and Appleton, assignors.)						
Chicago Grain Door Company. (See Hill, Edward A., assignor.)						
Chicago Hardware Foundry Co. (See Cook, Fred W., assignor.)						
Chicago Pneumatic Tool Company. (See Boyer, Joseph, assignor.)						
Chicago Pneumatic Tool Company. (See Duntley, William O., assignor.)						
Chicago Pneumatic Tool Company. (See Duntley and Hayes, assignors.)						
Chicago Pneumatic Tool Company. (See Kimman, Henry J., assignor.)						
Chicago Pneumatic Tool Company. (See Templin, Joseph H., assignor.)						
Chicago Pneumatic Tool Company. (See Thompson, Mackie, and Doyle, assignors.)						
Chicago Railway Equipment Company. (See Bronner, Edmond D., assignor.)						
Chicago Railway Equipment Company. (See Huntoon, Charles F., assignor.)						
Chicago Tape & Label Company. (See Christoph, Emil A., assignor.)						
Chicago Title and Trust Company. (See Cottrhan, Grove, assignor.)						
Chicago Wood Finishing Co. (See Sutton, Arthur, assignor.)						
Chick, Allen W., Lime Spring, Iowa. Latch.	863,262	Aug. 13	1874	505	129	269
Chickasaw Manufacturing Company. (See Guss, Orrange G., assignor.)						
Chickering & Sons. (See Bowen and White, assignors.)						
Chidlow, David, Washington, D. C. Making bread.	862,962	Aug. 13	1393		129	254
Chidlow, David, Washington, D. C. Making bread.	863,021	Aug. 13	1481		129	257
Chila, Mike, Whiting, Ind. Frog.	855,879	June 4	846	175	128	190
Childress, Frederick P., Baltimore, Md. Thumb-carried blotter-pad.	867,479	Oct. 1	373	108	130	142
Childress, Henderson P., New York, N. Y. Cotton-picker.	871,478	Nov. 19	2812	708	131	87
Childs, George W., New York, N. Y. Liquid leather-dressing.	875,653	Dec. 31	6911		131	238
Childs, Melvin L. (See Griswold, George W., assignor.)						
Childs, Orlando J., and J. H. Corbett, Utica, N. Y.; said Corbett assignor to said Childs. Hand chemical fire-extinguisher.	860,525	July 16	3376	928	129	118
Childs, Samuel S., Bernardsville, N. J. Vehicle-wheel.	840,824	Jan. 8	2065	457	126	56
Childs, Samuel S., Bernardsville, N. J. Vehicle-wheel.	845,054	Feb. 26	4637	986	126	308
Childs, Samuel S., Bernardsville, N. J. Spring-wheel.	850,134	Apr. 16	2930	612	127	240
Childs, Samuel S., Bernardsville, N. J. Spring-wheel.	854,982	May 28	5248	1093	128	143
Chillingworth, Rudolf, Nuremberg, Germany. Producing hollow sheet-metal articles.	873,297	Dec. 10	2048	428	131	152
Chilton, Franklin H., Union City, assignor to National Machine Company, Mamaroneck, N. Y. Sewing-machine.	870,543	Nov. 12	1052	287-8	131	31
Chinnery, Howard W., Leytonstone, England. Apparatus for displaying illuminated multicolored signs or advertisements.	859,199	July 9	1368	363	129	47
Chipera, Frank and T., Breckenridge, Minn. Shaking mechanism for separators.	871,566	Nov. 19	2998	747	131	87
Chipera, Thomas. (See Chipera, Frank and T.)						
Chippendale, Peter A., Auburn, Me. Brooder.	853,224	May 14	1734	360	128	47
Chism, David E., Stafford Springs, Conn. Cash-carrier apparatus.	851,344	Apr. 23	5283	1107-8	127	30
Chittenden, Ward B., assignor of one-half to H. Kifle, Mankato, Minn. Lantern-holder.	872,052	Nov. 26	4036	967	131	10
Chivers, Cedric, Bath, England. Bookbinding.	859,740	July 9	2189	592-3	129	7
Chmielewski, Anna M. (See Chmielewski, Paul, assignor.)						
Chmielewski, Paul, assignor to A. M. Chmielewski, Helsingfors, Russia. Kiln.	841,847	Jan. 22	4139	891-2	126	11
Choate, Charles N., Woodstock, Ontario, Canada, assignor of one-half to F. E. Atchison, Detroit, Mich. Powder-distributor.	847,464	Mar. 19	3500	766	127	9
Choate, William E., Melrose, Mass. Combined card and stencil or type-plate frame.	866,775	Sept. 24	3109	875	130	10
Chouteau, Eugenio, Jr., St. Louis, Mo. Electric signal system.	847,905	Mar. 19	4419	969-70	127	11
Chrisman, Clarence C., St. Louis, Mo. Shifting mechanism for type-writers.	856,942	June 11	2909	610	128	24
Chrisman, Clarence C., St. Louis, Mo. Combined base-pad and copy-holder for type-writers.	862,808	Aug. 6	1171	315	129	24
Christ, Ludwig, and A. Megner, Merchingen, near Osterburken, Germany. Harvesting-machine.	853,343	May 14	1985	410	128	47
Christ, Rinehart. (See Kahn and Christ.)						
Christ, Rinehart, Hamilton, Ohio. Gas-valve.	849,724	Apr. 9	2172	447	127	2
Christensen, Andrew B., assignor to Thistle Manufacturing Company, Chicago, Ill. Gear-ing for washing-machines.	845,615	Feb. 26	5727	1213	126	3
Christensen, Christoffer A., Oretown, Oreg. Ore-concentrator.	859,433	July 9	1731	461	129	3
Christensen, Erick T., and D. M. Tulloch, New York, N. Y. Pipe-coupling.	850,731	Apr. 16	4070	851	127	2
Christensen, Frederick A., A. W. Bott, and E. H. Wilbur, assignors to Thomas Laughlin Company, Portland, Me. Thimble-forming machine.	843,000	Feb. 5	317	69	126	1
Christensen, Hans P., San Francisco, Cal. Reversing mechanism for turbines.	871,107	Nov. 19	1984	542	131	
Christensen, Hjalmar, Seattle, Wash. Sign.	848,288	Mar. 26	5168	1126	127	1
Christensen, John, Ann Arbor, Mich. Hay-press.	854,465	May 21	4217	872-3	128	1
Christensen, John, Ann Arbor, assignor to Ypsilanti Hay Press Co., Ypsilanti, Mich. Bale-tying attachment.	875,654	Dec. 31	6911	1440	131	1
Christensen, Mogens C. (See Olson and Christensen.)						
Christensen, Nels C., Tacoma, Wash. Tool attachment.	860,593	July 16	3490	959	129	1
Christensen, Niels A., Milwaukee, Wis. Lubricating-bearing.	841,122	Jan. 15	2703	590	126	
Christensen, Niels A., Milwaukee, Wis. Compressor-valve.	849,597	Apr. 9	1953	400	127	2
Christensen, Niels A., Milwaukee, Wis. Discharge-valve for fluid-compressors.	865,014	Sept. 3	401	107	130	
Christensen, Niels A., Milwaukee, Wis. Compressor.	865,015	Sept. 3	403	107	130	
Christensen, Niels A., Milwaukee, Wis. Lubricating mechanism.	865,083	Sept. 3	503	138	130	
Christensen, Ole, and C. P. Sölbeck, Copenhagen, Denmark. Combined churn and butter-worker.	858,060	June 25	5151	1091	128	3
Christensen, Rasmus P., Buffalo, N. Y. Rotary pump.	852,102	Apr. 30	6849	1430	127	
Christensen, William A., Barron, Wis. Belt-tightener.	850,135	Apr. 16	2931	612	127	
Christenson, George, Nevada, Mo. Packing-expander for air-brake cylinders.	862,540	Aug. 6	749	200	129	
Christenson, Martin, Minneapolis, Minn. Shoe-polisher.	854,407	May 21	4107	849-50	128	
Christenson, Nils, assignor to C. B. Tuttle, deceased, Lynn, Mass. (A. M. Tuttle and H. M. Marsh, administratrices.) Variable-speed driving mechanism.	871,753	Nov. 19	3332	821	131	
Christenson, Peter. (See Almstrom and Christenson.)						
Christian, Edward, Waterbury, Conn. Picture-frame.	855,935	June 4	957	199	128	
Christian, Frederick, Wichita, Kans. Building-block.	860,012	July 16	2630	714	129	
Christian, Frederick, and E. H. Reed, assignors of one-third to G. C. Christopher, Wichita, Kans. Block-molding machine.	841,228	Jan. 15	2893	629	126	
Christian, Herbert W., Toledo, Ohio. Electrically-heated hot-water bottle.	849,368	Apr. 9	1496	304	127	
Christiansen, Carl, Crookston, Minn. Band-cutter and feeder.	865,867	Sept. 10	1745	486-7	130	
Christiansen, Hans L., et al. (See Dahl, Ole W., assignor.)						
Christiansen, John H., et al. (See Heisler, John T., assignor.)						
Christiansen, Niels G., Ringsted, Iowa. Marker for corn-planters.	851,798	Apr. 30	6197	1295	127	

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ristianson, Andrew, Butler, Pa. Gripping-tongs.....	870,713	Nov. 12	1328	364	131	467
ristianson, Andrew, Butler, Pa. Gripping-tongs.....	870,764	Nov. 12	1423	386-7	131	493
ristianson, Andrew, Butler, assignor to Standard Steel Car Company, Pittsburg, Pa. Safety device for hopper-car doors.....	843,132	Feb. 5	598	127	126	1948
ristianson, Andrew, Butler, assignor to Standard Steel Car Company, Pittsburg, Pa. Safety device for hopper-car doors.....	843,559	Feb. 5	1459	307-8	126	2156
ristianson, Andrew, Butler, assignor to Standard Steel Car Company, Pittsburg, Pa. Passenger and like car.....	854,330	May 21	3958	818	128	1085
ristianson, Andrew, Butler, assignor to Standard Steel Car Company, Pittsburg, Pa. Passenger and like car.....	854,331	May 21	3962	819	128	1086
ristianson, Andrew, Butler, assignor to Standard Steel Car Company, Pittsburg, Pa. Underframe for passenger and like cars.....	854,403	May 21	4095	846-7	128	1118
ristianson, Andrew, Butler, assignor to Standard Steel Car Company, Pittsburg, Pa. Frame for passenger and like cars.....	854,404	May 21	4098	847	128	1119
ristianson, Andrew, Butler, assignor to Standard Steel Car Company, Pittsburg, Pa. Passenger and like car.....	854,405	May 21	4102	848	128	1120
ristianson, Andrew, Butler, assignor to Standard Steel Car Company, Pittsburg, Pa. Metallic compartment construction for passenger and like cars.....	854,406	May 21	4104	848-9	128	1121
ristianson, Andrew, Butler, assignor to Standard Steel Car Company, Pittsburg, Pa. Passenger and like car.....	872,557	Dec. 3	515	107-8	131	1246
istie, Lewis D., assignor to Union Metallic Cartridge Company, Bridgeport, Conn. Loading short-range shot-shells.....	873,346	Dec. 10	2166	452	131	1541
istie, Lewis D., assignor to Union Metallic Cartridge Company, Bridgeport, Conn. Chamber-load for shot-shells.....	873,347	Dec. 10	2167	452	131	1541
istman, Edward, and D. A. Moon, Louisville, Ky., assignors to American Seeding Machine Company, Springfield, Ohio. Scraper for ground-working disks.....	866,622	Sept. 24	2863	808-9	130	990
istman, Frank J., assignor to J. R. Clancy, Syracuse, N. Y. Hose-nozzle.....	839,811	Jan. 1	22	5	126	8
istman, Franklin E., Bethlehem, Pa. Electric-light hanger.....	846,778	Mar. 12	2130	468	127	572
istman, Matthias, and E. Johnson, Springfield, Mo. Piston throttle-valve.....	860,190	July 16	2879	786	129	1016
istmann, Michael, Leadville, Colo. Ore classifier and feeder.....	845,395	Feb. 26	5328	1130	126	3231
istmann, Michael, Leadville, Colo. Ore-concentrator.....	845,396	Feb. 26	5330	1130-1	126	3231
istmann, Michael, Leadville, Colo. Ore-concentrator.....	845,449	Feb. 26	5427	1151-2	126	3255
istoph, Emil A., assignor to Chicago Tape & Label Company, Chicago, Ill. Tape-measure.....	852,771	May 7	792	153	128	205
istoph Heims & Sohn Gesellschaft mit beschränkter Haftung. (See Homeyer, Christian H., assignor.)						
istopher, George C. (See Christian and Reed, assignors.)						
istopherson, Ole A., assignor of one-half to C. P. Adams, Riverton, Wash. Dust-pan.	866,915	Sept. 24	3306	933	130	1131
isty Fire Clay Company. (See Miller, Robert H., assignor.)						
isty, James, Chicago, Ill. Keeper for lock-bolts.....	872,053	Nov. 26	4037	967-8	131	1044
isty, Russ J., Fremont, Ohio. Safety-razor.....	853,960	May 21	3248	667	128	902
isty, Thomas J., St. Louis, Mo. Gas-generator.....	866,713	Sept. 24	2999	850-1	130	1027
isty, William W., Washington township, Butler county, assignor of one-half to S. Atwell, Butler, Pa. Nut-lock.....	862,447	Aug. 6	574	152	129	2269
itton, Isaiah D., Graves, Kans. Engine.....	842,446	Jan. 29	5406	1145	126	1532
rome Steel Works. (See Canda, Ferdinand E., assignor.)						
rome Steel Works. (See Corry, William, assignor.)						
ronik, August, New York, N. Y. Weighing-scale.....	853,770	May 14	2834	583	128	762
ronik, Louis, New York, N. Y. Electrode for secondary batteries.....	861,806	July 30	5424	1495	129	1899
ryslor, Walter P. (See Schaefer, August C., assignor.)						
ryslor, William L., and J. W. Kays, Eugene, Ore. Holder for oil-cans.....	866,258	Sept. 17	2331	649	130	790
ryslor, William L., and J. W. Kays, Eugene, Ore. Draft-equalizer.....	868,597	Oct. 15	2188	610	130	2028
ryslor, William L., and J. W. Kays, Eugene, Ore.; said Chrysler assignor of one-half to said Kays. Wrench.....	845,030	Feb. 19	4587	976	126	3005
ryst, William G., Philadelphia, Pa. Washing-machine.....	858,573	July 2	353	90	129	126
ryst, William G., Philadelphia, Pa. Operating mechanism for washing-machines.....	861,951	July 30	5633	1562	129	1965
rystie, John A., et al. (See Stone, John S., assignor.)						
ubb, Chester A., Wilmington, N. C. Padlock.....	848,633	Apr. 2	22	6	127	1590
ubb, George W., Binghamton, N. Y. Coat and hat rack.....	870,158	Nov. 5	440	121	131	144
hubbuck, Burt A., Medina, N. Y. Furniture-spring.....	842,938	Feb. 5	194	44	126	1838
hubbuck, Elton F., Hornell, N. Y. Pleasure-swing.....	867,187	Sept. 24	3754	1060	130	1271
hurch, Albert T., assignor to G. A. Hobbie and H. W. Meade, Rochester, N. Y. Making brushes.....	862,134	Aug. 6	19	6	129	2086
hurch, Duane H., deceased, Newton, Mass.; H. L. Church, executrix, assignor, by mesne assignments, to Waltham Watch Company. Watch.....	872,712	Dec. 3	829	173	131	1298
hurch, Edwin B., Sattley, Cal. Potato-digger.....	848,348	Mar. 26	5290	1154	127	1421
hurch, Harriet L., executrix. (See Church, Duane H.)						
hurch, Isaac, Toledo, Ohio. Anchor-bolt.....	860,636	July 23	3583	982	129	1282
hurch, James E., Cambridge, Mass. Ironing-pad.....	863,507	Aug. 13	2221	600	129	2808
hurch, Melvin B., Grand Rapids, Mich., and K. Knudsen, Chicago, Ill., assignors to Holson Motor Patents Company, Ltd., Grand Rapids, Mich. Driving mechanism.....	856,943	June 11	2912	610-11	128	2461
hurch, William, Chicago, Ill. Exhibiting device to show harmonious color combinations in rooms.....	856,222	June 11	1497	315	128	2105
hurch, William A., Providence, R. I. Tenting-machine.....	852,418	May 7	15	4	128	7
hurch, William H., Beloit, Wis. Flexible shafting.....	860,013	July 16	2631	715	129	935
hurch, William H., Pawtuxet, assignor to Providence Tipping Machine Company, Providence, R. I. Machine for manufacturing shoe or similar lacings.....	852,103	Apr. 30	6850	1430-2	127	3469
hurch, William H., Pawtuxet, assignor to Providence Tipping Machine Co., Providence, R. I. Machine for manufacturing shoe-lacings.....	866,916	Sept. 24	3307	933-6	130	1131
hurch, William L., Newton, Mass. Dam.....	840,042	Jan. 1	498	109	126	133
hurch, William L., Newton, Mass. Building dams.....	870,866	Nov. 12	1580	435	131	543
hurch, William L., Newton, Mass. Dam.....	870,930	Nov. 12	1700	467	131	582
ucher, William B., assignor to K. Dunham, Cincinnati, Ohio. Alternating-current rectifier.....	858,574	July 2	355	91	129	127
rchill, Arthur A., Portland, Ore. Safety device for gas-burners.....	855,936	June 4	958	199	128	1935
rchill, Arthur A., Portland, Ore. Track-sanding device.....	856,765	June 11	2602	534	128	2388
rchill, Benn P., Milwaukee, Wis., assignor of two-thirds to R. P. Davenport and E. C. Lockwell, Chicago, Ill. Automatic spark-advancer.....	863,151	Aug. 13	1700	457	129	2645
rchill, Charles L. (See Simmons, Jesse C., assignor.)						
rchill, Charles O., Springfield, Mass., assignor to Fairbanks, Company, New York, Y. Valve.....	851,161	Apr. 23	4898	1030	127	2948
rchill, Charles O., Bloomfield, N. J., assignor to Fairbanks Company, New York, Y. Valve.....	855,385	May 28	6029	1259	128	1637
rchill, Clarence A. (See Burdick and Churchill.)						
rchill, Ernest E., et al. (See Churchill, Herbert H., assignor.)						
rchill, Herbert H., assignor of five-eighths to E. E. Churchill and H. P. Vories, Pueblo, Automatic time-switch.....	858,953	July 2	1002	262	129	343

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Churchill, Levi M., Minneapolis, Minn. Hose-supporter.....	870,544	Nov. 12	1057	288	131	37
Churchill, Lucius R. (See Sharood, Samuel V., assignor.)						
Churchill, Thomas H., assignor of one-half to J. Scroggie, Toronto, Ontario, Canada. Casting-machine.....	861,263	July 30	4566	1246	129	16
Churchill, Thomas J., Boardman, Conn. Plowing-under attachment for plows.....	871,388	Nov. 19	2617	670	131	7
Churchill, William, assignor to Corning Glass Works, Corning, N. Y. Fresnel lens.....	849,977	Apr. 9	2632	550	127	22
Churchill, William, assignor to Corning Glass Works, Corning, N. Y. Lamp.....	851,496	Apr. 23	5572	1168	127	31
Churchill, William, New Britain, Conn., assignor to Corning Glass Works, Corning, N. Y. Signaling by light-rays.....	851,495	Apr. 23	5570	1168	127	31
Churchward, Alexander, Pelham, N. Y., assignor to General Electric Company. Power-transmission device.....	849,051	Apr. 2	873	178	127	18
Churchward, Alexander, Schenectady, N. Y., assignor to General Electric Company. Electric traction system.....	851,799	Apr. 30	6198	1295	127	38
Churchward, Alexander, New York, N. Y., assignor to General Electric Company. Electromagnetic variable-speed mechanism.....	865,997	Sept. 17	1945	543-4	130	6
Churchward, James, New York, N. Y. Tempering-bath for steel.....	845,755	Mar. 5	50		127	
Churchward, James, New York, N. Y. Self-hardening alloy of iron and steel.....	845,756	Mar. 5	51		127	
Churchward, James, New York, N. Y. Self-hardening alloy of steel.....	845,757	Mar. 5	52		127	
Churchward, James, New York, N. Y. Steel alloy and its manufacture.....	846,979	Mar. 12	2537		127	
Churchward, James, New York, N. Y. Heat treatment of steel alloys.....	855,756	June 4	608	125	128	1
Churchward, James, New York, N. Y. Alloy steel.....	867,642	Oct. 8	637		130	1
Churchward, James, New York, N. Y. Alloyed steel.....	868,327	Oct. 15	1749		130	1
Chute, Albert P., Boston, Mass. Rain guard or hood for windows.....	846,980	Mar. 12	2538	559	127	
Chute, Harry O., Cleveland, Ohio. Solvent and preparing same.....	845,616	Feb. 26	5729		126	8
Chute, Harry O., Cleveland, Ohio. Making steel.....	874,391	Dec. 24	4286	903	131	1
Cibulas, Stephen E., Bridgeport, Conn. Operating mechanism for ventilating windows.....	874,164	Dec. 17	3818	805	131	1
Cicchetti, Quirino. (See Bucci and Cicchetti.)						
Cihak, Albert B., St. Louis, Mo. Device for converting motion.....	861,807	July 30	5425	1495	129	1
Cilek, John, Los Angeles, Cal., assignor to R. Cleck, Philadelphia, Pa. Building-block.....	868,411	Oct. 15	1880	528	130	1
Cimiotti, Gustav, New York, N. Y. Machine for removing water-hairs from pelts.....	842,939	Feb. 5	194	44	126	1
Cimmery, Edvardo A. (See McElligott and Cimmery.)						
Cincinnati Butcher's Supply Co. (See Schmidt, Charles G., assignor.)						
Cincinnati Machine Tool Company. (See Schauer, Sherman C., assignor.)						
Cincinnati Milling Machine Company. (See Thiel, Louis, assignor.)						
Cipollina, Luigi, Rivarolo Ligure, Italy. Machine for mercerizing cotton.....	845,160	Feb. 26	4845	1027-8	126	1
Circuit Protecting Relay Company. (See Wright, Selden R., assignor.)						
Ciri, Silvio, assignor to M. A. Leone, Jersey City, N. J. Multiple-valve device for air-brakes.....	858,954	July 2	1004	262-3	129	
Cisco, James E., Allegheny, assignor of one-fourth to J. J. and G. T. Bullitt, Pittsburg, Pa. Amusement device.....	840,299	Jan. 1	1019	223	126	
Citelli, Giuseppe, La Chaux-de-Fonds, Switzerland. Repeating mechanism for timepieces.....	865,358	Sept. 10	931	267	130	
Citron, William J., assignor to Scenic Novelty Company, San Francisco, Cal. Pleasure-railway.....	845,524	Feb. 26	5571	1180-1	126	3
Cizkovsky, Bert J., Chicago, Ill. Electric burglar-alarm.....	856,132	June 4	1314	275	128	2
Claffey, Frank. (See Lamb, Edwin F., assignor.)						
Claffin, Adams D. (See Cummings, Henry H., assignor.)						
Claffin, Alan A., Concord, Mass., assignor to Lactic Process Company. Manufacturing lactates.....	861,163	July 23	4382		129	1
Claffin, Charles A., Medford, Mass. Hose-coupling.....	858,575	July 2	357	91	129	1
Claffin, Charles A., Medford, Mass. Gate-valve.....	871,085	Nov. 12	1931	529	131	6
Claffin, George D., Jr., assignor to F. N. Claffin Engineering Company, Cleveland, Ohio. Continuous pulp-beater.....	864,359	Aug. 27	3505	974	129	32
Clagett, John S., assignor to H. H. Netter, Philadelphia, Pa. Carpet-sweeper.....	842,826	Jan. 29	6204	1310	126	17
Claiborne, Alexander, assignor, by mesne assignments, to Tallyday Manufacturing Company, Dolgeville, Cal. Device for pulling pipe-sections together.....	870,931	Nov. 12	1702	467	131	5
Claiborne, James H., Jr., San Francisco, Cal. Screw.....	846,981	Mar. 12	2539	559	127	6
Clamer, Guiliam H., and C. F. Hopkins, Philadelphia, Pa., assignors to Ajax Metal Company. Railway journal-bearing.....	846,397	Mar. 5	1353	297	127	3
Clancy, John R. (See Christman, Frank J., assignor.)						
Clapp, Allen T., and P. W. Bancroft, Gouverneur, N. Y. Drawer guide and support for knockdown furniture.....	850,906	Apr. 23	4424	925	127	283
Clapp, George W., assignor of one-half to C. S. H. Barnard, New York, N. Y. Smoking-pipe.....	861,090	July 23	4281	1175	129	150
Clapp, Leander A., U. S. Navy. Mathematical instrument.....	866,432	Sept. 17	2586	722	130	87
Clar, Laurence F., Willits, Cal. Anvil.....	846,548	Mar. 12	1669	370	127	45
Clare, Jacob S., and P. Johnston, Liberty, Mo. Woodworking-tool.....	864,122	Aug. 20	3143	870	129	312
Claremont Iron Works Company. (See Jones, William F., assignor.)						
Clarisey, Patrick H., Dalton, Mass. Gun-stock.....	855,229	May 28	5759	1199	128	156
Clark, Aaron F., Asherville, Kans. Drill.....	866,110	Sept. 17	2127	592	130	72
Clark, Albert C. (See Allen, Albert B., assignor.)						
Clark, Albert C. (See Pearson, Geoffrey H., assignor.)						
Clark, Albert C., Chicago, Ill. Inhaler.....	853,439	May 14	2150	448	128	5
Clark, Albert M., Marshalltown, Iowa. Heater.....	847,906	Mar. 19	4422	970	127	11
Clark, Andrew J., assignor of one-half to J. R. Guthrie, Santa Cruz, Cal. Filter.....	866,433	Sept. 17	2588	723	130	8
Clark, Arthur W., Conshohocken, Pa., assignor to Johnson and Johnson, New Brunswick, N. J. Surgical ligature.....	861,231	July 23	4492	1231	129	15
Clark, Bertha, New York, N. Y. Broom-hanger.....	861,091	July 23	4283	1175	129	15
Clark, Byron O. (See Ellsworth and Clark.)						
Clark, Charles A., assignor to C. G. Perkins, Hartford, Conn. Electric-switch handle.....	859,200	July 9	1370	364	129	4
Clark, Charles B., Bangor, Me. Gas-cooler.....	849,369	Apr. 9	1497	304	127	2
Clark, Charles E., Chicago, Ill. Attachment for newspaper-presses.....	847,161	Mar. 12	2869	632	127	
Clark, Charles H., Ensley, Ala. Furnace-top.....	857,158	June 18	3341	705	128	26
Clark, Charles H., and H. F. Hamilton, Spragues Mill; said Hamilton assignor to said Clark, Easton, Me. Horse-hoe and cultivator.....	867,188	Sept. 24	3755	1060	130	1
Clark, Charles J., New York, N. Y. Mason's platform for buildings.....	842,382	Jan. 29	5255	1115	126	1
Clark, Charles S., St. Louis, Mo. Wiping-strip and making same.....	869,418	Oct. 29	3479	955	130	2
Clark, Cornelius S., Norfolk, Va. Nut-lock.....	853,062	May 7	1406	293	128	
Clark, Cyril B., Louisville, Ky., assignor to B. F. Avery & Sons. Attachment for cultivators.....	844,249	Feb. 12	2766	588-9	126	
Clark, Cyrus J. (See Glazier and Parker, assignors.)						
Clark, Daniel R., Purdin, Mo. Wire-stretcher.....	857,444	June 18	3874	823	128	
Clark, Daniel S. (See Hennis and Clark.)						
Clark, David F., Peebles, Ohio. Mail-box signal.....	842,767	Jan. 29	6103	1288	126	
Clark, Donald, Bairnsdale, Victoria, Australia. Separating gold from silver and other metals.....	845,853	Mar. 5	233		127	
Clark Dredging Company. (See Clark, Horace J., assignor.)						
Clark, Ed W., Coalton, Ohio. Switching mechanism for electric railways.....	861,018	July 23	4184	1146	1	

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Clark, Edgar M. (See Hoover and Clark.)						
Clark, Edward C., Philadelphia, Pa. Ash-sifter.....	863,967	Aug. 20	2912	802	129	3055
Clark, Edward S., Boston, Mass. Boiler.....	846,982	Mar. 12	2540	559	127	677
Clark Electric Manufacturing Company. (See Clark, Walter G., assignor.)						
Clark, Emma F. (See Clark, Percy L., assignor.)						
Clark, Enos, assignor of one-half to L. R. Luets, Midland, Ind. Miner's drill.....	863,508	Aug. 13	2222	600	129	2808
Clark, Ernest E., St. Louis, Mo. Temporary binder.....	854,802	May 28	4883	1014	128	1345
Clark, Ernest E., Killingly, Conn. Shaft liner and leveler.....	868,074	Oct. 15	1359	381	130	1771
Clark, Eugene F., and T. C. Poole, Philadelphia, Pa. Apparatus for making carpets and the like.....	852,104	Apr. 30	6858	1433	127	3471
Clark, Everett C. (See Reber and Clark.)						
Clark, Francis L. (See Turner and Clark.)						
Clark, Francis L., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Re-charging-valve for air-brakes.....	847,317	Mar. 19	3191	701	127	863
Clark, Francis L., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Fluid-pressure brake.....	851,277	Apr. 23	5151	1082-3	127	3010
Clark, Francis L., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Triple-valve connection.....	869,623	Oct. 29	3817	1045	130	2583
Clark, Francis L., Pittsburg, and W. V. Turner, Wilkinsburg, assignors to Westinghouse Air Brake Company, Pittsburg, Pa. Fluid-pressure brake.....	854,148	May 21	3627	749	128	995
Clark, Francis W. (See Thomson and Clark.)						
Clark, Frank E., New York, N. Y. Bottle-stopper and stoppered bottle.....	867,703	Oct. 8	720	201	130	1554
Clark, Frank E., New York, N. Y. Bottle-stopper and stoppered bottle.....	867,793	Oct. 8	855	244	130	1596
Clark, Frank G., San Francisco, Cal. Trolley-guide.....	866,193	Sept. 17	2239	624	130	761
Clark, Frank M., assignor of two-thirds to C. H. Philbrick, Tilton, N. H., and F. G. Balcom, Medford, Mass. Machine for grinding lenses.....	857,791	June 25	4577	968-9	128	2955
Clark, Frank M., assignor of three-fourths to B. S. Cotes, Tilton, N. H., F. G. Balcom, Medford, Mass., and C. H. Southard, Baldwin, N. Y. Device for making designs.....	859,366	July 9	1639	437	129	584
Clark, Franklin B., Washington, D. C., assignor to American Loading and Unloading Machine Company, (Inc.) Loading and unloading apparatus.....	861,264	July 30	4567	1246-7	129	1637
Clark, Frederick, Newburgh, N. Y. Clothes-line support.....	854,568	May 21	4409	915	128	1196
Clark, Frederick J., assignor to Eastman Machine Company, Buffalo, N. Y. Cloth-cutting machine.....	869,419	Oct. 29	3480	956	130	2480
Clark, George, Chicago, Ill. Steam-separator.....	845,758	Mar. 5	52	11	127	17
Clark, George F., Tower, Minn. Measuring device.....	861,952	July 30	5636	1562	129	1966
Clark, George M., Higganum, Conn. Plowing-machine.....	865,294	Sept. 3	812	234-5	130	245
Clark, George W., New York, N. Y. Equalizing and distributing fitting.....	850,622	Apr. 16	3868	808	127	2649
Clark, George W., Carroll, Nebr., assignor of one-half to J. M. Mouchet, Northville, S. D. Filter.....	858,441	July 2	119	33	129	40
Clark, Gilbert J., Mayville, Wis. Dental pliers.....	874,489	Dec. 24	4472	942	131	1984
Clark, Harry, Menomonie, Wis. Cork-puller.....	875,323	Dec. 31	6166	1286	131	2278
Clark, Henry C., assignor of eight-ninths to J. M. Burns, I. M. Snyder, J. C. Campbell, and H. E. Brouillard, Charles City, Iowa. Wrench.....	869,206	Oct. 22	3127	861	130	2344
Clark, Hervey D., Decatur, Ill. Door-opener.....	842,081	Jan. 22	4581	984	126	1281
Clark, Hervey D., Arcola, Ill. Spool-holder.....	873,506	Dec. 10	2457	517	131	1594
Clark, Hervey D., Arcola, Ill. Scoop-handle.....	875,504	Dec. 31	6516	1359	131	2337
Clark, Horace J., Chicago, Ill. Boiler washout system.....	872,222	Nov. 26	4376	1042	131	1101
Clark, Horace J., Boise, Idaho, assignor to Clark Dredging Company, Chicago, Ill. Gold-dredge.....	842,383	Jan. 29	5256	1115	126	1490
Clark, Horace J., assignor to Clark Dredging Company, Chicago, Ill. Tailings-trimmer.....	842,384	Jan. 29	5259	1116	126	1492
Clark, Horace O., New York, N. Y. Pianissimo device.....	861,637	July 30	5157	1415	129	1821
Clark, Hugh D., Columbus, Ohio. Metallic burial casing or vault.....	859,544	July 9	1894	509	129	667
Clark, Jacob, Joplin, Mo. Rotary pump.....	863,022	Aug. 13	1483	403	129	2575
Clark, James, assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Clamping-ring for pipe-couplings.....	858,360	June 25	5734	1222	128	3253
Clark, James, assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Clamping-ring for pipe-couplings.....	844,250	Feb. 12	2768	589-90	126	2520
Clark, James, assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Clamping-ring.....	848,969	Apr. 2	722	146	127	1772
Clark, James, assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Clamping-ring.....	849,370	Apr. 9	1498	304-5	127	2004
Clark, James, assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Clamping-ring.....	849,371	Apr. 9	1501	305	127	2005
Clark, James, assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Clamping-ring.....	866,840	Sept. 24	3202	900-1	130	1100
Clark, James, assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Apparatus for upsetting metal rings.....	872,168	Nov. 26	4259	1016-17	131	1088
Clark, James, assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Clamping-ring.....	872,899	Dec. 3	1222	260	131	1359
Clark, James H., assignor of one-half to F. M. Thompson, Richmond, Va. Pneumatic suspension means.....	867,570	Oct. 8	529	151	130	1495
Clark, James P., Chicago, Ill. Adjustable piano seat or bench.....	843,584	Feb. 12	1508	320	126	2203
Clark, James W., Janesville, Wis. Package-carrier.....	857,720	June 25	4429	935-6	128	2917
Clark, John H., Schenectady, N. Y., assignor to General Electric Company. Hoist.....	863,152	Aug. 13	1701	457	129	2645
Clark, Joseph K., Honolulu, Hawaii. Steam-turbine.....	865,160	Sept. 3	599	168	130	182
Clark, Louis B., Oktaha, Ind. Ter. Measuring device.....	868,641	Oct. 22	2265	627	130	2076
Clark, Lucius R., and D. G. Kreul, Davenport, Iowa. Filter.....	869,294	Oct. 29	3275	902	130	2417
Clark, Maurice C., Providence, R. I. Mold for manufacturing rubber footwear.....	842,859	Feb. 5	34	7	126	1798
Clark, Maurice C., assignor to Marvel Rubber Company, Providence, R. I. Making rubber footwear.....	848,807	Apr. 2	381	76-7	127	1686
Clark, Melville, Chicago, Ill. Automatic piano.....	846,090	Mar. 5	764	159	127	195
Clark, Melville, Chicago, Ill. Roll-carrying mechanism for automatic musical instruments or players.....	849,831	Apr. 9	2368	485	127	2227
Clark, Melville, Chicago, Ill. Combined automatic and manually-operated piano.....	869,230	Oct. 29	3169	873	130	2383
Clark, Melville, Chicago, Ill. Piano.....	871,782	Nov. 26	3409	837-8	131	953
Clark, Melville, Chicago, Ill. Take-up roll for automatic musical instruments.....	875,505	Dec. 31	6517	1359	131	2338
Clark, Morgan S., Roanoke, Va. Screen.....	846,907	Mar. 12	2399	527	127	639
Clark, Morgan S., Roanoke, Va. Press.....	864,832	Sept. 3	110	30-1	130	36
Clark, Norris E., Plainville, Conn. Expanded-metal manufacture.....	845,617	Feb. 26	5731	1213	126	3331
Clark, Norris E., Plainville, Conn. Metal-working machine.....	875,153	Dec. 31	5826	1216-17	131	2225
Clark, Norris E., Plainville, Conn. Expanded metal.....	875,154	Dec. 31	5829	1217	131	2226
Clark, Norris E., Plainville, Conn. Reticulated metal.....	854,927	May 28	5152	1073	128	1415
Clark, Norris E., Plainville, Conn. Expanded metal.....	875,155	Dec. 31	5830	1217	131	2226
Clark, Paul L., New York, N. Y. Luminous sign.....	842,860	Feb. 5	36	8	126	1798
Clark, Paul L., Chicago, Ill., assignor to General Electric Company. Synchronism-indicator.....	848,970	Apr. 2	724	147	127	1772

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Clark, Percy L., assignor to F. F. Clark, Champaign, Ill. Laminated wheel	846,549	Mar. 12	1672	370	127	455
Clark, Prentice E., Indianapolis, Ind. Machine-driving means	840,199	Jan. 1	826	181	126	221
Clark, Reed J., Jr., Youngstown, Ohio. Nutmeg-grater	865,763	Sept. 10	1571	443	130	511
Clark, Reuben M., Webb City, Mo. Eccentric	855,282	May 28	5858	1221	128	1594
Clark, Richard V., St. Louis, Mo. Massage-machine	854,983	May 28	5249	1093	128	1439
Clark, Robert G., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine	848,349	Mar. 26	5291	1154	127	1422
Clark, Robert W., Buffalo, N. Y. Pipe-hanger	850,623	Apr. 16	3870	808	127	2649
Clark, Sealy E. S., Gage, Okla. Ter. Punching and stitching tool	870,492	Nov. 5	972	266	131	215
Clark, Valentine, Dryad, Wash. Device for rendering bottles non-refillable	846,550	Mar. 12	1674	370	127	455
Clark, Victor E., assignor of one-half to J. R. McCargar, Grand Rapids, Mich. Wardrobe-hanger	842,940	Feb. 5	196	45	126	1839
Clark, Walter G. (See Parker and Clark.)						
Clark, Walter G., New York, N. Y. Insulator	842,941	Feb. 5	197	45	126	1839
Clark, Walter G., New York, N. Y. Wire-insulator	842,942	Feb. 5	199	45	126	1839
Clark, Walter G., assignor to Parker-Clark Electric Company, New York, N. Y. Electrically-heated tool	858,955	July 2	1008	263	129	346
Clark, Walter G., assignor to Clark Electric Manufacturing Company, New York, N. Y. Trolley-wire hanger	860,526	July 16	3378	928	129	1181
Clark, Walter G., New York, N. Y., assignor to Electric Furnace Company, Portland, Me. Electric furnace	865,016	Sept. 3	404	108	130	125
Clark, Walter G., Seattle, Wash., assignor to Clark Electric and Manufacturing Company. Insulator-clamp	843,258	Feb. 5	869	176	126	2015
Clark, Walter G., Seattle, Wash., assignor to Clark Electric and Manufacturing Company. Insulator	843,259	Feb. 5	871	177	126	2015
Clark, Walter G., Seattle, Wash., assignor to Clark Electric and Manufacturing Company. Insulator-clamp	851,222	Apr. 23	5032	1059	127	2979
Clark, Walter L., New York, N. Y. Paste-tube	851,586	Apr. 23	5765	1205	127	3163
Clark, Walter L., New York, N. Y. Fountain-brush	851,587	Apr. 23	5766	1206	127	3163
Clark, Walter L., New York, N. Y. Tool-holder for machine-tools	857,981	June 25	4978	1052	128	3056
Clark, Walter L. (See Reiss and Clark.)						
Clark, Walter R., Glenwood, Minn. Check-holder	867,794	Oct. 8	856	244	130	1596
Clark, William C. (See Pope, Frederick, assignor.)						
Clark, William E., St. Louis, Mo. Storm-front or duster-hood fastener	844,920	Feb. 19	4374	934-5	126	2951
Clark, William F., Oyster Bay, N. Y. Life-saving buoy	849,887	Apr. 9	2486	512	127	2257
Clark, William G., Altoona, Pa. Sanitary bar	865,359	Sept. 10	934	267	130	312
Clark, William H., Sumpter, Oreg. Plate-lifter	841,626	Jan. 15	3667	795	126	1023
Clark, William H., assignor to W. J. Clark Company, Salem, Ohio. Wheel	843,001	Feb. 5	322	70	126	1871
Clark, William M., Philadelphia, Pa. Printing-press	857,721	June 25	4431	936	128	2918
Clarke, Alva R., assignor to Chemical Refrigerator Car and Manufacturing Company, Los Angeles, Cal. Means for cooling the interiors of receptacles	858,704	July 2	592	155	129	204
Clarke, Anna M., Scranton, Pa. Sad-iron heater	856,223	June 11	1498	316	128	2105
Clarke, Arthur F., Butler, Pa. Discharge-valve for gas-compressors	867,702	Oct. 8	720	201	130	1553
Clarke, Arthur F., Butler, Pa. Lubricating device	874,883	Dec. 24	5245	1105	131	2112
Clarke, Brent, Washington, D. C., assignor, by mesne assignments, to Industrial Alcohol Heat and Light Company. Hydrocarbon-burner	859,434	July 9	1732	461-2	129	615
Clarke, Brent, Washington, D. C., assignor, by mesne assignments, to Industrial Alcohol Heat and Light Company. Hydrocarbon-burner	860,191	July 16	2879	786-7	129	1016
Clarke, Brent, Washington, D. C., assignor, by mesne assignments, to Industrial Alcohol Heat and Light Company. Hydrocarbon-burner	860,192	July 16	2881	787	129	1016
Clarke, Cecil M., Chicago, Ill. Insulating material	842,526	Jan. 29	5574	1179	126	1572
Clarke, Edward, Dunkirk, N. Y. Eyeglass or spectacle mounting	844,328	Feb. 19	2953	629	126	2604
Clarke, Edward J. (See Dewitt and Clarke.)						
Clarke, Frank H. L., Cannes, France. Food product and making the same	857,445	June 18	3876		128	2745
Clarke, George E., Toronto, Ontario, Canada. Belt, apron, canvas, or conveyer tightener	856,820	June 11	2340	481	128	2321
Clarke, George H. (See Wilton, Edward, assignor.)						
Clarke, H. A. (See Hinkle, Paris R., assignor.)						
Clarke, Henry B., Highland Park, Ill. Automatic trolley-retracting mechanism	862,135	Aug. 6	20	6-8	129	2086
Clarke, Hobart O., Pittsburg, Pa. A. G. Ross, Wilksburg, Pa. Hanging staging-hoist	853,161	May 7	1577	328	128	398
Clarke, John S., Cleveland, Ohio. Feed-water purifier	849,328	Apr. 2	1414	285	127	1948
Clarke, Lewis F., assignor to Globe Ear Phone Company, Boston, Mass. Electric ear-phone	849,353	Apr. 2	1468	298	127	1960
Clarke, Metcalf A. (See Gillies, John S., assignor.)						
Clarke, Paul C., assignor of two-thirds to G. Bignell and E. O. Cochran, Denver, Colo. Liquid-measuring tank	872,989	Dec. 3	1395	293	131	1387
Clarke, Ralph, assignor of one-half to New Castle Stamping Company, New Castle, Pa. Apparatus for spinning sheet metal	843,518	Feb. 5	1359	286	126	2132
Clarke, Robert, Mount Vernon, Ohio. Electrical-spark-timer device	858,956	July 2	1009	263	129	346
Clarke, Robert J., Pittsburg, Pa. Window-cleaning device	849,204	Apr. 2	1191	241	127	1893
Clarke, William A., London, England. Bow-necktie	850,732	Apr. 16	4072	851	127	2699
Clarkin, Eugene F. (See Hodgkinson and Clarkin.)						
Clarkmobile Company. (See Way, Charles H., assignor.)						
Clarkson, Alfred R., Spartanburg, S. C. Humidifier	865,295	Sept. 3	814	235	130	246
Clarkson, Edward H. N. (See Peters and Clarkson.)						
Clarkson, Philip S. (See Metz and Clarkson.)						
Clarkson, Thomas, and W. J. Morison, Chelmsford, England. Regulator for liquid-fuel burners	870,083	Nov. 5	325	91	131	108
Clarkson, William H., Edwards Station, Ill. Frame for supporting coal-drills	873,019	Dec. 10	1503	314	131	1433
Clary, Simon, Carnegie, Pa. Tie-plate	859,046	July 2	1142	305	129	588
Claus, Emil L., Milwaukee, Wis. Gas-cock	867,571	Oct. 8	533	151	130	1496
Claus, Wesley W., Dubuque, Iowa. Universal drafting-machine	859,917	July 16	2463	671	129	881
Clause, John J., New York, N. Y., assignor to Goss Printing Press Company, Chicago, Ill. Fudge-box	860,637	July 23	3584	983	129	1282
Clausen, Henry P., assignor to American Electric Telephone Company, Chicago, Ill. Telephone system	859,201	July 9	1371	364	129	492
Clausen, Henry P., assignor to American Electric Telephone Company, Chicago, Ill. Telephone system	861,808	July 30	5426	1495	129	1899
Clausen, Henry P., assignor to American Electric Telephone Company, Chicago, Ill. Telephone switchboard apparatus	861,809	July 30	5429	1496	129	1901
Clausen, Henry P., assignor to American Electric Telephone Company, Chicago, Ill. Telephone system	866,714	Sept. 24	3000	851	130	1027
Clausen, Henry P., assignor to American Electric Telephone Company, Chicago, Ill. Telephone-transmitter	875,156	Dec. 31	5831	1217-18	131	2226
Clausen, Jens M., assignor of one-fourth to H. Nelson, one-eighth to E. F. Coddington, and one-eighth to W. L. Feudner, Hopkins, Minn. Line-holder	846,008	Mar. 5	590	123	127	151
Clauss, Henrie, Fremont, Ohio. Razor	851,066	Apr. 23	4707	991	127	2900

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Clauss, Henry, <i>et al.</i> (See Kaufman, Everett G., assignor.)						
Clauss, John H., <i>et al.</i> (See Kaufman, Everett G., assignor.)						
Claussen, Edward E., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.	844,329	Feb. 19	2954	629-30	126	2604
Claussen, Peter J. (See Rypkema, Gerrit, assignor.)						
Clawson, Charles F., assignor of one-half to A. Weir and J. T. Corcoran, Mount Pleasant, Iowa. Rail-clip.	852,927	May 7	1146	236	128	292
Clawson, Charles F., assignor of one-half to A. Weir and J. T. Corcoran, Mount Pleasant, Iowa. Nut-lock for rail-joint fastenings.	852,928	May 7	1147	236	128	292
Clawson, Clement C., Flagtown, N. J. Speed-recorder.	850,109	Apr. 9	2863	600-1	127	2348
Clay, Francis W. H., Pittsburg, Pa. Bottle-closure.	860,964	July 23	4092	1121	129	1446
Clay, Francis W. H., Pittsburg, Pa. Bottle-closure.	862,307	Aug. 6	335	93	129	2187
Clay, Francis W. H., Pittsburg, Pa. Bottle-closure.	862,308	Aug. 6	337	93	129	2187
Clay, Harry C., assignor to Reeves & Company, Columbus, Ind. Sand-cap for wheel-hubs.	845,759	Mar. 5	54	11	127	17
Clay, Harry C., assignor to Reeves & Company, Columbus, Ind. Pump.	849,530	Apr. 9	1829	371	127	2091
Clay, Wellington S., Hutchinson, Minn. Metallic cross-arm for telegraph or telephone poles.	868,843	Oct. 22	2586	713	130	2175
Clay, Wellington S., and A. T. McKenney, Hutchinson, Minn. Fire-alarm apparatus.	848,725	Apr. 2	209	42-3	127	1641
Clay, William F., Camden, N. J. Lock.	843,869	Feb. 12	2029	436	126	2335
Clay, William H., Lexington, Ky. Garment-hook.	865,630	Sept. 10	1371	388	130	449
Clealand, James L., Fort Smith, Ark. Rotary engine.	871,322	Nov. 19	2467	637-8	131	774
Clayton, Edwin J., Philadelphia, Pa. Non-refilling attachment for bottles.	870,932	Nov. 12	1703	467	131	583
Clayton, Ernest S., Newark, N. J. Circuit-closer.	842,082	Jan. 22	4581	985	126	1281
Clayton, Frank B., and G. D. Spielberger, Philadelphia, Pa. Refrigerator-building.	874,939	Dec. 31	5401	1128-9	131	2156
Clayton, Frederick W., assignor of two-thirds to E. E. Rogers and A. N. Sims, San Jose, Cal. Expressman's truck.	855,835	June 4	761	157	128	1886
Clayton, Guy W., Mannington, W. Va. Stopper for hot-water bags.	859,047	July 2	1143	305	129	388
Clayton, Herbert, Brooklyn, N. Y. Pipe connection.	872,169	Nov. 26	4262	1017	131	1082
Cleal, Joseph P., assignor to National Cash Register Company, Dayton, Ohio. Printing-machine.	864,514	Aug. 27	3758	1045-6	129	3350
Cleal, Joseph P., assignor to National Cash Register Company, Dayton, Ohio. Cash-register.	872,900	Dec. 3	1222	260-2	131	1359
Clearihue, Joseph B. (See Slade and Clearihue.)						
Clearwater, Harley M., Troy, and J. Temple, Watervliet, N. Y. Machine for folding collars, cuffs, &c.	844,001	Feb. 12	2276	487-8	126	2397
Cleary, Edward, assignor to Connecticut Web Company, Bridgeport, Conn. Hose-supporter button.	851,980	Apr. 30	6582	1371	127	3402
Cleary, Frank. (See Herrick and Cleary.)						
Cleary, Frank, and J. Garrity, Rugby, N. D. Guard-rail fastener.	844,660	Feb. 19	3862	818	126	2820
Cleathero, Edward T., Altrincham, England. Reciprocating bed-motion of printing and analogous machines.	862,309	Aug. 6	338	94	129	2188
Cleavland, Charles M., assignor of one-fourth to H. Dunfield, Wausau, Wis. Electric railway signaling system.	863,509	Aug. 13	2223	601	129	2808
Cleck, Rose. (See Cilek, John, assignor.)						
Cleff, Robert vom, Jr., Jersey City, N. J., and C. F. Benedict, Brooklyn, N. Y. Match-box.	861,265	July 30	4569	1247	129	1638
Clegg, William H., Burnley, England. Cloth-take-up motion for looms.	870,345	Nov. 5	750	201	131	247
Clegg, William H., Burnley, England. Measuring and marking motion for use in connection with yarn-sizing and similar machines.	870,416	Nov. 5	867	231	131	285
Clegg, William O., and O. J. Asmann, Palestine, Tex. Derailling device.	874,490	Dec. 24	4473	943	131	1984
Cleghorn, Edward D. (See Trueman and Cleghorn.)						
Cleland, J. B. (See Webb, Powhatan A., assignor.)						
Clem, John, Jr., Malvern, Ark. Cotton cleaner and distributor.	847,162	Mar. 12	2870	632-3	127	755
Clemens, Charles, Philadelphia, Pa. Broom-machine.	851,916	Apr. 30	6444	1345-6	127	3368
Clemens, Helen. (See Chapman, Richard M., assignor.)						
Clement, Adolphe, Levallois-Perret, France. Transmission-gear for motor-lorries and other vehicles.	871,108	Nov. 19	1985	542	131	702
Clement, Edward E., Washington, D. C. Telephone-exchange system.	850,344	Apr. 16	3325	693	127	2511
Clement, Edward E., Washington, D. C. Telephone-exchange system.	860,902	July 23	3986	1092	129	1411
Clement, Edward E., Washington, D. C. Telephone-exchange system.	867,014	Sept. 24	3468	982	130	1153
Clement, John F., Philadelphia, Pa. Pneumatic hammer.	842,626	Jan. 29	5783	1221	126	1623
Clement, Walter, Adrian, Mich. Silo.	852,105	Apr. 30	6863	1434	127	3472
Clement, Walter, Adrian, Mich. Grain-separator.	868,412	Oct. 15	1881	528	130	1928
Clement, Walter L., Indianapolis, Ind. Railway-track equipment.	856,766	June 11	2604	535	128	2389
Clements, Albert R., <i>et al.</i> (See Clements, James A., assignor.)						
Clements, Charles F., Peoria, Ill. Conveyor.	859,900	July 9	2435	662	129	837
Clements, George, and J. M. Hostler, Chicago, Ill., assignors to Hygienic Renovating Co. Attachment for vacuum cleaning systems.	847,729	Mar. 19	4043	884	127	1080
Clements, George C., and J. M. Hostler, assignors to Hygienic Renovating Company, Chicago, Ill. Air-purifying apparatus.	864,078	Aug. 20	3067	848	129	3101
Clements, Harold L., Dawson City, Yukon Territory, Canada. Bottle.	844,579	Feb. 19	3716	781	126	2785
Clements, Harold L. (See Hultgreen and Clements.)						
Clements, James A., assignor of three-fourths to J. W. Hunter, C. W. Robertson, and A. R. Clements, Abingdon, Ill. Swing-gate.	868,642	Oct. 22	2267	627-8	130	2076
Clements, James A., assignor of three-fourths to J. W. Hunter, C. W. Robertson, and A. R. Clements, Abingdon, Ill. Anchoring device for wire-stretchers.	868,643	Oct. 22	2268	628	130	2077
Clements, James A., assignor of three-fourths to J. W. Hunter, C. W. Robertson, and A. R. Clements, Abingdon, Ill. Clamping device for wire fences.	868,644	Oct. 22	2269	628	130	2077
Clements, James A., assignor of three-fourths to J. W. Hunter, C. W. Robertson, and A. R. Clements, Abingdon, Ill. Wire-stretcher.	868,645	Oct. 22	2270	629	130	2078
Clemm, Adolf, Mannheim, Germany. Manufacture of alumina and alkali compounds of sulfur.	845,854	Mar. 5	235		127	61
Clemm, Adolf, Mannheim, Germany. Manufacture of alumina and alkali sulfur salts.	848,612	Mar. 26	5803		127	1548
Clemonds, Sterling Q., <i>et al.</i> (See Law, Tomas W., assignor.)						
Clemons, Arthur, and D. W. Pelkey, assignors of one-third to F. W. Ries, Chicago, Ill. Automatic tool-operating device.	868,967	Oct. 22	2769	764	130	2232
Clemons, De Laski T., Hornell, N. Y. Sanding and polishing machine.	871,323	Nov. 19	2471	638	131	775
Cleendon, William H., Rockville, Md. Saw-set.	855,616	June 4	332	68	128	1779
Cleendinen, Benjamin W., Dothan, Ala. Back-band for harness.	854,628	May 21	4513	942	128	1222
Clesny, James. (See Warren, Charles, assignor.)						
Clerico, Dominick, Yonkers, N. Y. Hat-brim-curling machine.	844,098	Feb. 12	2452	524-6	126	2438
Clerk, Dugald. (See Bickerton, Bradley, and Clerk.)						
Cleveland, Alva W., Waukesha, Wis. Piano-bench.	872,498	Dec. 3	381	80	131	1227
Cleveland, Benjamin F., Sac City, Iowa. Combined cart and hog-chute.	857,029	June 18	3094	653	128	2549
Cleveland Car Specialty Company. (See Maltby, George B., assignor.)						
Cleveland, Charles C., San Francisco, Cal. Oil-burner.	870,933	Nov. 12	1704	468	131	583

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Cleveland, Edgar W., Springfield, Mass. Multiple-spindle drilling-machine.....	842,175	Jan. 29	4808	1026-7	126	1372
Cleveland Folding Machine Company. (See Johnson, Oliver W., assignor.)						
Cleveland, Harry S., assignor to N. R. Cleveland, Faribault, Minn. Ice-protector.....	862,052	July 30	5763	1601	129	2004
Cleveland, Irvin L., Fremont, Ohio. Gas-pipe safety device.....	871,783	Nov. 26	3410	838	131	953
Cleveland Ladder-Scaffold Company. (See Lillow, Charles E., assignor.)						
Cleveland Metallic Packing Company. (See Risley, Dalton, assignor.)						
Cleveland, Nellie R. (See Cleveland, Harry S., assignor.)						
Cleveland, Oscar B., Anthony, Kans. Holdback attachment for thills.....	861,574	July 30	5061	1388	129	1791
Cleveland Typesetter Company. (See Converse, Francis B., Jr., assignor.)						
Cleveland Wire Spring Co. (See Erickson, Charles H., assignor.)						
Clevenstine, Milton, Kimberton, Pa. Wrench.....	875,048	Dec. 31	5628	1175	131	2192
Cleves, Anna, Omaha, Nebr. Adjustable skirt-supporter.....	873,348	Dec. 10	2168	453	131	1541
Click, Joseph S. (See Shipman and Click.)						
Click, Joseph S., Bridgewater, Va. Plow.....	853,961	May 21	3250	667	128	902
Cliff, Edward, deceased, New York, N. Y.; J. Cliff, administratrix. Automobile.....	845,031	Feb. 19	4589	976-7	126	3006
Cliff, Jane, administratrix. (See Cliff, Edward.)						
Clifford, George R., Chicago, Ill. Rail-joint.....	863,835	Aug. 20	2715	748	129	2996
Clifford, James T., Houghton, Mich. Bottle.....	842,768	Jan. 29	6105	1288	126	1700
Clifford, Jere A. (See Cohen, Benjamin, assignor.)						
Clifford, William P., Iconium, and W. W. Rankin, Ottumwa, Iowa. Ore separating and concentrating machine.....	853,917	May 14	3147	644	128	837
Clift, Christopher, New York, N. Y., assignor to Clift Company, Cleveland, Ohio. Garment-hanger.....	856,337	June 11	1758	365	128	2172
Clift Company. (See Clift, Christopher, assignor.)						
Clift, Eric H., West Kensington, England. Internal-combustion engine.....	873,840	Dec. 17	3147	671	131	1739
Clifton Manufacturing Company. (See Thoma, Andrew, assignor.)						
Clifton, Walter L., Pilotmountain, N. C. Churn.....	856,844	June 11	2738	568	128	2420
Clifton, Warren R., Sharon, Pa. Safety device for blast-furnaces.....	867,244	Oct. 1	23	7	130	1323
Climax Patents. (See Stocks, Harry B., assignor.)						
Climax Patents Limited. (See Stocks and Webb, assignors.)						
Climer, Herschel, Chillicothe, Ohio. Sickle-bar.....	866,917	Sept. 24	3314	936	130	1133
Cline, Alexander H., Jr., Kansas City, Mo., and J. H. Danver, Beaver, Pa. Construction of lavatories and like fixtures for domestic use.....	842,527	Jan. 29	5575	1179	126	1572
Cline, George W., assignor to Automatic Cattle Guard Company, Sandpoint, Idaho. Cattle-guard.....	859,901	July 9	2438	662-3	129	839
Cline, Harry, Idaville, Pa. Pump.....	856,845	June 11	2739	568	128	2421
Cline, May, Harmony, N. J. Life-preserver.....	844,580	Feb. 19	3717	781	126	2785
Cline, Sanford, Henry, N. C. Planing and matching machine.....	864,612	Aug. 27	3939	1092-4	129	3403
Cline, W. R., et al. (See Baldwin, Cloise H., assignor.)						
Cline, Watson H., Cleveland, Ohio. Paper-bag machine.....	853,918	May 14	3150	644	128	838
Cline, Winfield S., assignor of one-half to F. Hall, Trenton, Mo. Disk-sharpening means.....	869,624	Oct. 29	3819	1045	130	2583
Cling, William H., assignor of one-half to P. Suren, Charleston, S. C. Bed.....	861,092	July 23	4283	1176	129	1506
Clingman, Archer D., Oakdale, Nebr. Paste-applying machine.....	856,224	June 11	1501	316	128	2106
Clinton, Charles E. (See Ackerman, Clinton, and Eltom.)						
Clinton, Harry E. (See Bradt, Samuel W., assignor.)						
Clintson, Glenn D., Grand Rapids, Mich. Folding-board for dress goods.....	860,594	July 16	3490	959	129	1218
Clippinger, Harry C., Akron, Ohio. Device for forming balls from yarn.....	862,389	Aug. 6	469	124-5	129	2234
Clippinger, Lonzo L., Everett, Wash. Bag-holder.....	869,691	Oct. 29	3926	1082	130	2615
Cloes, Benjamin J., Rialto, Cal. Terret-ring.....	866,333	Sept. 17	2451	683	130	827
Cloos, Jacob, Milwaukee, Wis. Pressure-reducing valve.....	851,981	Apr. 30	6583	1371	127	3402
Clopton, William C., Fargo, N. D. Mandolin.....	860,350	July 16	3119	853	129	1095
Close, Robert J. (See Saxe, John G., assignor.)						
Closmann, Eduard A., Tegel, near Berlin, Germany. Waterproof-coated linen and producing the same.....	861,435	July 30	4866	.....	129	1728
Closs, Friedrich, Stuttgart, Germany. Diffusion apparatus.....	868,328	Oct. 15	1749	493	130	1889
Closser, Fred D., et al. (See Miesse, Americus, assignor.)						
Closson, William B., Magnolia, Mass. Apparatus for lifting invalids.....	850,624	Apr. 16	3871	809	127	2649
Closter, Jep, Apenrade, Germany. Loading-hatchway for ships.....	871,567	Nov. 19	3000	748	131	856
Closz, Charles, Webster City, Iowa. Adjustable sieve.....	873,719	Dec. 17	2886	613	131	1699
Cloud, Arthur D., et al. (See Latimer, James B., assignor.)						
Cloud, Arthur D., assignor of two-thirds to F. M. Patterson and F. W. Rizer, Chicago, Ill. Switch-stand.....	873,720	Dec. 17	2888	613-15	131	1699
Cloud, Chalton G., et al. (See Anderson, Edward L., assignor.)						
Cloud, John W., London, England, assignor to Westinghouse Air Brake Company, Pittsburg, Pa. High-speed brake apparatus.....	854,803	May 28	4885	1014-15	128	1345
Cloud, Newton H., Jr., Wilmington, Del. Rule.....	841,627	Jan. 15	3668	796	126	1023
Cloud, William H., Philadelphia, Pa. Bathing apparatus.....	843,260	Feb. 5	873	178	126	2015
Clough, Charles. (See Holgate and Clough.)						
Clough, Edwin S., Seattle, Wash. Adjustable bearing.....	848,224	Mar. 26	5020	1097	127	1355
Clough, Edwin S., assignor of one-half to H. Blekum, Seattle, Wash. Releasable connection.....	844,710	Feb. 19	3967	842	126	2846
Clough, Edwin S., assignor of one-half to W. Williamson, Seattle, Wash. Anchor-projectile.....	849,205	Apr. 2	1193	242	127	1893
Clough, George W., assignor of one-half to J. R. Baird, Cleveland, Ohio. Plating device.....	870,545	Nov. 12	1057	288	131	372
Cloutier, Prosper, Three Rivers, Quebec, Canada. Safety signaling device for railway-switches.....	849,460	Apr. 9	1662	337	127	2051
Clunies, Arthur B., assignor to Sill Stove Works, Rochester, N. Y. Grate.....	860,280	July 16	3013	824-5	129	1061
Clute, Nicholas J., Schenectady, N. Y. Brake.....	863,359	Aug. 13	2012	542	129	2745
Clyde Iron Works. (See McGiffert, John R., assignor.)						
Clymer, Reuben S., and T. M. Woodhouse, Allentown, Pa.; said Woodhouse assignor to said Clymer. Battery.....	865,330	Sept. 3	875	251	130	265
Coal and Coke By-Products Company. (See Ernst, Alfred, assignor.)						
Coale, Frank W., et al., executors. (See Coale, Joseph M.)						
Coale, Harvey. (See Serra (y Carbó), José, assignor.)						
Coale, Joseph M., deceased, F. W. and M. L. Coale, executors, assignors to Coale Muffler and Safety Valve Co., Baltimore, Md. Safety-valve.....	855,431	May 28	6116	1278	128	1656
Coale, Mary L., et al., executors. (See Coale, Joseph M.)						
Coale Muffler and Safety Valve Co. (See Coale, Joseph M., assignor.)						
Coar, Charles H., assignor of one-half to J. M. Petersen, W. G. Middleton, and W. G. Coullard, Minneapolis, Minn. Safety-pole-seat.....	851,650	Apr. 30	5911	1235	127	3229
Coates, Alfred, Clifton Hill, and H. W. Hackett, Carlton, Victoria, Australia. Governor for marine engines.....	867,111	Sept. 24	3619	1027	130	1226
Coates, George H., Worcester, Mass. Steering mechanism for motor-cars.....	871,109	Nov. 19	1986	542-3	131	702
Coates, Jesse, Lynn, Mass., assignor to General Electric Company. Transformer.....	873,721	Dec. 17	2900	615	131	1700
Coates, John E. (See Campbell, Benjamin F., assignor.)						
Coates, Joseph S., Denver, Colo., and G. F. Hart, Helper, Utah. Lubricating device.....	855,386	May 28	6032	1259	128	1637

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Coates, Robert, assignor to J. H. Brinton, Philadelphia, Pa. Staple-machine.....	846,826	Mar. 12	2233	489-90	127	598
Coates, Thomas, Youngstown, Ohio. Turbine for flue-cleaners.....	854,716	May 28	4715	981	128	1301
Coates, Walter A., Providence, R. I. Eyeglass-frame.....	852,929	May 7	1148	236	128	292
Coats, Arthur W., and R. M. Thompson, Tacoma, Wash. Hoisting-hook.....	845,693	Feb. 26	5907	1247	126	3375
Coats, Harry M., Jersey City, N. J. Ash-separator.....	857,722	June 25	4439	937	128	2921
Coats, Henry L., Moscow, Idaho. Gate and operating means therefor.....	874,165	Dec. 17	3820	805	131	1845
Cobb, Alton E., Los Angeles, Cal. Water-pressure air-pump.....	858,957	July 2	1011	264	129	346
Cobb, Elbert R., Bermuda, La. Saw-dressing tool.....	844,850	Feb. 19	4253	907	126	2922
Cobb, Henry Z., Chelsea, assignor to Revere Rubber Company, Boston, Mass. Vulcaniz- ing-mold.....	840,749	Jan. 8	1931	425	126	536
Cobb, Herbert F., Cleveland, Ohio. Reinforced concrete structure.....	865,477	Sept. 10	1117	318	130	368
Cobb, Herbert F., Cleveland, Ohio. Reinforced concrete structure.....	866,715	Sept. 24	3017	851	130	1041
Cobb, Herbert F., assignor to Brown Hoisting Machinery Company, Cleveland, Ohio. Clip-rivet.....	849,770	Apr. 9	2257	463	127	2198
Cobb, James R., Walhalla, S. C. Bottling-machine.....	872,275	Nov. 26	4471	1062	131	1116
Cobb, Leander B., Stoneham, assignor to American Carpet Beater Company, Boston, Mass. Carpet-cleaning machine.....	842,385	Jan. 29	5261	1116	126	1492
Cobb, Leander B., Meirose, assignor to American Carpet Beater Co., Boston, Mass. Carpet-beating machine.....	862,053	July 30	5764	1601-2	129	2005
Cobb, Lyman H., assignor to M. E. Johnson, trustee, Fitchburg, Mass. Safety-razor.....	855,560	June 4	223	43	128	1753
Cobbe, Hervic N. G. (See Middleton and Cobbe.)						
Cobham, Frederick P., Jamestown, N. Y., assignor to F. E. Windsor and L. Schmutz, Warren, Pa. Headlight or lantern.....	869,548	Oct. 29	3688	1011	130	2543
Cobham, Frederick P., Jamestown, N. Y., assignor to F. E. Windsor and L. Schmutz, Warren, Pa. Headlight-adjusting device.....	869,549	Oct. 29	3690	1011-12	130	2544
Cobham, Frederick P., Jamestown, N. Y., assignor to F. E. Windsor and L. Schmutz, Warren, Pa. Electric lantern.....	869,550	Oct. 29	3692	1012-13	130	2545
Coblentz, Robert C., Niles, Ohio. Washstand.....	861,810	July 30	5431	1496	129	1901
Coburn, Harry H. (See De Land, Frank A., assignor.)						
Coburn, Howard L., Boston, Mass. Dam.....	840,110	Jan. 1	633	137	126	168
Coburn, Howard L., Boston, Mass. Reinforced concrete dam.....	845,855	Mar. 5	237	48	127	61
Coburn, Howard L., Boston, Mass. Dam.....	870,934	Nov. 12	1706	408	131	583
Coburn Trolley Track Co. (See Sumner, William J., assignor.)						
Cochino, Lazaresco, Bucharest, Roumania. Sheet-music stand and turning device.....	858,958	July 2	1013	264	129	347
Cochran, Andrew J., Indianapolis, Ind. Broom.....	852,772	May 7	794	159	128	206
Cochran, Berry W., Los Angeles, Cal. Printing-telegraph.....	869,420	Oct. 29	3481	956	130	2480
Cochran, Charles H., Avalon, Penn. Pressed-steel journal-box for railway-cars.....	845,726	Feb. 26	5968	1261	126	3390
Cochran, Charles H., assignor of twenty-four and one-half one-hundredths to C. L. Owen, Avalon, and fifty-one one-hundredths to W. H. Shinn, Carnegie, Pa. Pressed-steel journal-box for railway-cars. (Reissue).....	12,646	May 7	1697	351-2	128	427
Cochran, Edwin J., Sterling, Ill. Drain-pipe.....	871,389	Nov. 19	2618	670	131	797
Cochran, Ezra O., et al. (See Clarke, Paul C., assignor.)						
Cochran, Ezra O. and L. H., Denver, Colo. Motor.....	874,303	Dec. 17	4108	865-6	131	1891
Cochran, Henry R., Camden, Ark. Wedge-making machine.....	871,324	Nov. 19	2473	639	131	775
Cochran, James K., Chicago, Ill. Self-propelled car-truck.....	841,933	Jan. 22	4296	926-7	126	1214
Cochran, James K., Chicago, Ill. Power-transmission mechanism.....	860,903	July 23	3987	1092-3	129	1412
Cochran, James R., Silverstar, Mont. Sad-iron handle.....	840,043	Jan. 1	500	109	126	133
Cochran, John T., Oakland, Cal. Reinforced concrete building construction.....	861,502	July 30	4945	1358	129	1753
Cochran, Louis H. (See Cochran, Ezra O. and L. H.)						
Cochran, Mary L., Thomasville, Ga. Waist-shield.....	847,241	Mar. 12	3034	668	127	795
Cochrane Bly Company. (See Cochrane and Warman, assignors.)						
Cochrane, James A., Cincinnati, Iowa. Tooth-brush.....	860,527	July 16	3379	928	129	1181
Cochrane, John L., et al. (See Boileau, James W., assignor.)						
Cochrane, Josephine G., Chicago, Ill. Dish-washing machine.....	852,419	May 7	19	5	128	8
Cochrane, Robert B., and W. A. Warman, assignors to Cochrane Bly Company, Roches- ter, N. Y. Shaping-machine.....	846,728	Mar. 12	2021	444-5	127	544
Cochrane, Samuel, assignor to Lincoln Electric Company, Jersey City, N. J. Dry bat- tery.....	851,402	Apr. 23	5399	1131	127	3073
Cochrane, William M. (See Hood and Cochrane.)						
Cocker, John A., Joliet, assignor to American Steel & Wire Company, Chicago, Ill. Crimp- ing mechanism for wire-fence machines. (Reissue).....	12,656	May 28	6132	1282	128	1660
Cockerill, Lewis, Richmond, Ind. Storm-front for vehicles.....	843,133	Feb. 5	600	127-8	126	1948
Cockerill, Lewis, Richmond, Ind. Safety storm-front.....	865,478	Sept. 10	1119	318-19	130	369
Cockrell, Edwin L. (See Murray and Travis, assignors.)						
Cockrell, Francis M., et al. (See Passavant, Philip L., assignor.)						
Cockren, Archibald C., Barnsbury, assignor to Johnson, Walker & Tolhurst, Ltd., London, England. Bracelet, chain, and the like.....	847,554	Mar. 19	3670	810	127	988
Coddington, Elmer F., et al. (See Clausen, Jens M., assignor.)						
Coderre, Charles H., Holyoke, Mass. Bed.....	869,772	Oct. 29	4040	1115	130	2648
Codling, George S. (See Cordrey and Brady, assignors.)						
Codville, James, Bella Bella, British Columbia, Canada. Can-opener.....	862,710	Aug. 6	1007	270	129	2394
Cody, John F., London, Ontario, Canada. Oil-can.....	868,075	Oct. 15	1361	381	130	1771
Coe, James L. (See Coe, William A. and J. L.)						
Coe, Walter H., Providence, R. I. Package-roll of metallic leaf.....	848,883	Apr. 2	579	116	127	1737
Coe, Walter H., Providence, R. I. Means for feeding metallic leaf to a stamping-press.....	851,162	Apr. 23	4899	1030	127	2948
Coe, Walter H., Providence, R. I. Gilding-tool.....	851,615	Apr. 23	5816	1215	127	3174
Coe, Walter S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Lino- type-machine.....	852,822	May 7	917	188	128	234
Coe, William A. and J. L., Mannsville, Ind. Ter. Weaning-bit.....	852,821	May 7	916	187	128	234
Coes, Zorester B., and R. F. Scott, assignors to Edwin Harrington, Son & Co., Inc., Phila- delphia, Pa. Chain-making machine.....	871,784	Nov. 26	3412	838-9	131	954
Coffer, Louis L., et al. (See Warnken, George L., assignor.)						
Coffey, Barton H., Boston, Mass. Dredging and excavating machine. (Reissue).....	12,650	May 14	3207	657	128	853
Coffey, Harry R., Chicago, Ill. Electric-light switch.....	857,384	June 18	3771	798	128	2721
Coffield, Peter T., Dayton, Ohio. Means for imparting rotary reciprocating motion.....	853,440	May 14	2152	448	128	585
Coffield, Peter T., assignor to P. T. Coffield & Son, Dayton, Ohio. Water-motor. (Re- issue).....	12,719	Nov. 12	1964	538	131	664
Coffield & Son, P. T. (See Coffield, Peter T., assignor.) (Reissue.)						
Coffill, Frederic M., North Adams, Mass. Envelop-opener.....	840,912	Jan. 8	2258	496	126	617
Coffin, Charles L., Nacoochee, Ga., assignor to Electric Metal Working Company, De- troit, Mich. Metallic barrel.....	845,760	Mar. 5	56	11	127	18
Coffin, Charles L., assignor to Electric Metal Working Company, Detroit, Mich. Met- allic vessel.....	855,043	May 28	5387	1119	128	1475
Coffin, Edouard, Grandvilliers, France. Tile.....	853,063	May 7	1408	294	128	358
Coffin, Howard E., assignor to Olds Motor Works, Lansing, Mich. Detachable running- board for motor-vehicles.....	846,091	Mar. 5	767	159	127	195

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Coffin, Howard E., assignor to Olds Motor Works, Lansing, Mich. Crank-case and bearing for explosive-engines.	860,638	July 23	3585	983	129	1282
Coffin, Orland L. (See Barr and Coffin.)						
Coffman, Edward S., Clifton Forge, Va. Beamless brake for car-trucks.	840,991	Jan. 8	2400	525-6	126	653
Coffman, Fred N., Westplains, Mo. Mirror-support.	858,152	June 25	5328	1133	128	3144
Coffman, Guvarie S., Coldwater, Mich. Corn-harvesting machine.	865,360	Sept. 10	935	268	130	312
Coffman, James H., assignor of one-half to G. Shaw, Columbus, Ohio. Chair construction.	851,067	Apr. 23	4708	991	127	2901
Coffman, Samuel A., Marietta, Ohio. Mattress-stuffing machine.	856,445	June 11	2000	411-12	128	2236
Coffman, Samuel M., Braymer, Mo. Single-eccentric reversing-gear for steam-engines.	841,934	Jan. 22	4299	927	126	1215
Coffman, Walter M., Madison, Wis., assignor to Northern Electrical Manufacturing Company. Dynamo-electric machine.	854,717	May 28	4717	981	128	1302
Coffman, Walter M., Madison, Wis., assignor to Northern Electrical Manufacturing Company. Lubricating bearings.	863,153	Aug. 13	1703	458	129	2646
Cogan, Patrick A., New York, N. Y. Bench.	835,387	May 28	6034	1260	128	1638
Coger, Harley E., Minneapolis, Minn., assignor to Spear-Marshall Company, Chicago, Ill. Therapeutic lamp.	861,019	July 23	4186	1147	129	1475
Coghlan, Edward M., and G. W. Fife, Indianapolis, Ind. Trick lung-tester.	860,351	July 16	3120	853-4	129	1095
Coghlin, Bernard W. P., Montreal, Quebec, Canada. Ground-anchor.	848,634	Apr. 2	24	6	127	1599
Cogswell, George M. (See Knight and Cogswell.)						
Cogswell, George S., Fitchburg, Mass. Adjustable ease-off for whip-rolls.	866,841	Sept. 24	3203	901	130	1100
Cohen, Benjamin, assignor of one-half to J. A. Clifford, Butte, Mont. Billiard-table-cloth fastener.	864,292	Aug. 27	3407	947	129	3235
Cohen, Harry, Philadelphia, Pa. Railway-car.	863,904	Aug. 20	2824	776-7	129	3030
Cohen, Henry I. (See Britton, Francis J., assignor.)						
Cohen, Hyman. (See Nathan and Cohen.)						
Cohen, Hyman, New York, N. Y. Innersole.	873,722	Dec. 17	2903	616	131	1700
Cohen, Isaac Z., Baltimore, Md. Pocket tobacco box and cutter.	871,983	Nov. 26	3872	936	131	1021
Cohen, Joseph, New York, N. Y. Body-brace and hose-supporter.	846,551	Mar. 12	1676	371	127	456
Cohen, Louis. (See Woodard, Joseph W., assignor.)						
Cohen, Samuel B., New York, N. Y. Cloth splitting and rewinding machine.	868,761	Oct. 22	2458	679-80	130	2136
Cohen, Stanley A., New York, N. Y. Drying-machine.	873,723	Dec. 17	2905	616	131	1700
Cohn, Adolph H., Larchmont, N. Y. Clasp.	840,750	Jan. 8	1933	425	126	537
Cohn, Frederick W., New York, N. Y. Electrical push-button.	859,367	July 9	1641	437	129	585
Cohn, Jacob, London, England. Safety venting attachment for receptacles.	840,992	Jan. 8	2402	526	126	654
Cohn, Mark. (See Wilkinson, John A., assignor.)						
Cohn, Max M., San Francisco, Cal. Loose leaf for temporary binders.	852,871	May 7	1030	213	128	263
Cohn, Samuel, New York, N. Y. Machine for sewing tubular structures. (Reissue.)	12,724	Nov. 26	4563	1079-80	131	1130
Cohn, Witney & Goldfarb. (See Zempter, George H., assignor.)						
Cohron, John M., Fort Worth, Tex. Spring-bed.	850,522	Apr. 16	3667	767	127	2598
Coimer, De Witt M. (See Klingender and Coimer.)						
Coit, John J., Venice, Cal. Air-brake mechanism.	850,564	Apr. 16	3739	781	127	2617
Cokel Company. (See Cooke, Ernest W., assignor.)						
Cokely, Elmer W., Coalinga, Cal. Walking-beam truss-rod.	868,646	Oct. 22	2272	629	130	2078
Cokely, Elmer W., Coalinga, Cal. Oil-rig shaft-box.	868,647	Oct. 22	2273	629	130	2078
Coker, David H., Piedmont, Ala. Annunciator.	848,535	Mar. 26	5631	1232	127	1505
Coker, Willie P., Mountain View, Okla. Ter. Axle-spindle.	862,136	Aug. 6	24	8	129	2088
Colahan, Mary H., Chicago, Ill. Treating fibrous tow.	867,704	Oct. 8	721	.....	130	1554
Colavecchio, Luigi, Middletown, Conn. Elevated carrier.	847,907	Mar. 19	4424	971	127	1169
Colbath, Monroe D. (See Akeson, Anders, assignor.)						
Colbath, Monroe D., Hampden, Me. Carbureter.	844,995	Feb. 19	4501	960	126	2984
Colbath, Monroe D., Hampden, Me. Carbureter.	844,996	Feb. 19	4504	960-1	126	2984
Colborne, Oliver, Chicago, Ill. Pie-crust-trimming machine.	847,649	Mar. 19	3884	849	127	1041
Colborne, Oliver, Chicago, Ill. Pie-crust-forming machine.	859,918	July 16	2468	671	129	882
Colborne, Oliver, Chicago, Ill. Pie-crust-trimming machine.	874,392	Dec. 24	4289	903	131	1953
Colburn, Irving W., Franklin, Pa. Method and apparatus for drawing sheet-glass.	840,433	Jan. 1	1302	287-8	126	340
Colburn, Irving W., assignor to Colburn Machine Glass Company, Franklin, Pa. Method of and apparatus for drawing sheet-glass.	860,528	July 16	3380	929-30	129	1181
Colburn, Irving W., and E. Washburn, assignors to Colburn Machine Glass Company, Franklin, Pa. Apparatus for drawing sheet-glass.	867,948	Oct. 15	1157	319-22	130	1709
Colburn, Irving W., Franklin, Pa., and J. Player, River Forest, Ill., assignors to Colburn Machine Glass Company, Franklin, Pa. Drawing sheet-glass.	849,531	Apr. 9	1831	372	127	2091
Colburn, Joseph B., Washington, D. C. Joint-marking tool.	855,044	May 28	5388	1120	128	1475
Colburn Machine Glass Company. (See Colburn, Irving W., assignor.)						
Colburn Machine Glass Company. (See Colburn and Player, assignors.)						
Colburn Machine Glass Company. (See Colburn and Washburn, assignors.)						
Colby, Edward A., Newark, N. J. Crucible.	840,825	Jan. 8	2066	458	126	569
Colby, Edward A., Newark, N. J. Crucible.	840,826	Jan. 8	2066	458	126	569
Colby, Edward A., Newark, N. J., assignor to American Electric Furnace Company. Electric furnace.	859,641	July 9	2043	552-3	129	715
Colby, George G., Medford, Mass. Tug-strap for looms.	842,176	Jan. 29	4810	1027	126	1373
Colby, Harold, Spokane, Wash. Mop-wringer.	856,225	June 11	1503	316	128	2107
Colclough, William H., East Liverpool, Ohio. Scraper attachment for shovels.	844,002	Feb. 12	2280	488	126	2397
Colditz, Heinrich M., Milwaukee, Wis. Heel for boots and shoes.	841,935	Jan. 22	4301	928	126	1215
Coldwell, William H., et al. (See Harrington, Frank S., assignor.)						
Coldwell, William H., Newburgh, N. Y. Shaft-bearing.	853,225	May 14	1736	360	128	471
Coldwell, William H., Newburgh, N. Y. Lawn-mower.	865,161	Sept. 3	601	169	130	183
Coldwell, William H., Newburgh, N. Y. Traction and lawn-rolling roller.	865,162	Sept. 3	603	169-70	130	183
Coldwell, William H., Newburgh, N. Y. Lawn-mower.	865,331	Sept. 3	877	252	130	266
Cole, Charles E., Cleveland, Ohio. Vehicle-wheel.	873,841	Dec. 17	3150	671	131	1740
Cole, Dwight S., Detroit, Mich. Hot-water supply.	873,842	Dec. 17	3151	671-2	131	1740
Cole, E. J. (See Grieder, Emil, assignor.)						
Cole, Emory W., Alto, Tex. Churn-motor.	845,525	Feb. 26	5573	1181	126	3292
Cole, Ernest C., assignor to Cole Manufacturing Company, Chicago, Ill. Creosote-trap.	844,921	Feb. 19	4375	935	126	2951
Cole, Francis J., assignor to American Locomotive Company, New York, N. Y. Super-heater.	849,052	Apr. 2	875	179	127	1810
Cole, Francis J., assignor to American Locomotive Company, New York, N. Y. Super-heater.	850,565	Apr. 16	3741	781-2	127	2618
Cole, Frank, et al. (See Cole, Joseph J., assignor.)						
Cole, Frank H., Groveton, N. H. Washing apparatus.	843,585	Feb. 12	1509	320	126	2203
Cole, Frederick W., Newton, Mass., assignor to Gamewell Fire-Alarm Telegraph Company, New York, N. Y. Auxiliary fire-alarm box.	842,861	Feb. 5	38	8	126	1799
Cole, Henry, et al. (See Cole, Joseph J., assignor.)						
Cole, Henry T., New York, N. Y. Rotary advertising-machine.	865,681	Sept. 10	1442	408-9	130	470
Cole, Henry W. N., New York, N. Y. Molding-machine.	844,330	Feb. 19	2958	631	126	2605
Cole, Herbert M., Williamston, Mich. Mail-box attachment.	851,730	Apr. 30	6074	1269	127	3271

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Cole, Herman E., Binghamton, N. Y. Ironing-stand.	866,259	Sept. 17	2332	650	130	790
Cole, J. H., <i>et al.</i> (See Sharts, Truman P., assignor.)						
Cole, James T., Chicago, Ill. Water-cooler.	869,551	Oct. 29	3693	1013	130	2545
Cole, John A., Hackensack, N. J., assignor to Altro Park Company, New York, N. Y. Amusement riding device.	850,136	Apr. 16	2933	612-13	127	2406
Cole, John C., assignor to Fisk Rubber Company, Chicopee Falls, Mass. Apparatus for vulcanizing tires.	855,693	June 4	477	100	128	1818
Cole, John F., Somerville, Mass. Course-protractor.	868,906	Oct. 22	2675	740	130	2203
Cole, John H., Innishannon, Ireland. Game apparatus.	841,936	Jan. 22	4303	928	126	1215
Cole, Joseph J., assignor of four-fifths to M., W., H., and F. Cole, Patton, Pa. Water-tube boiler.	853,064	May 7	1409	294	128	358
Cole, Llewellyn W., assignor to Eagle Square Manufacturing Company, South Shaftsbury, Vt. Carpenter's square.	841,666	Jan. 22	3750	815	126	1076
Cole Manufacturing Company. (See Cole, Ernest C., assignor.)						
Cole, Michael, <i>et al.</i> (See Cole, Joseph J., assignor.)						
Cole, Ray, Syracuse, N. Y. Variable-speed power-transmitting mechanism.	856,846	June 11	2740	568	128	2421
Cole, Robert C., assignor to Johns-Pratt Company, Hartford, Conn. Inclosed fuse.	856,393	June 11	1897	391	128	2210
Cole, Robert C., assignor to Johns-Pratt Company, Hartford, Conn. Fuse-plug.	865,567	Sept. 10	1274	361	130	417
Cole, Robert C., assignor to Johns-Pratt Company, Hartford, Conn. Manufacture of inclosed fuses.	866,716	Sept. 24	3018	851	130	1041
Cole, Rudy B., Fredericktown, Mo. Picture-exhibiting machine.	874,940	Dec. 31	5405	1130	131	2156
Cole, Samuel, <i>et al.</i> (See Guttman, Harry J., assignor.)						
Cole, Thomas H., Southsea, England. Apparatus for generating and storing products of combustion under pressure.	854,466	May 21	4219	873	128	1150
Cole, William, <i>et al.</i> (See Cole, Joseph J., assignor.)						
Cole, William, St. Louis, Mo. Attachment for burial-caskets.	848,289	Mar. 26	5170	1126	127	1393
Cole, William B., Rhinebeck, N. Y. Horseshoe-calk.	852,317	Apr. 30	7240	1520	127	3566
Cole, William E., Norfolk, Va. Furnace air-feeding mechanism.	865,868	Sept. 10	1746	487	130	577
Cole, William J. (See Janin, Albert S., assignor.)						
Coleman, William H., Peoria, Ill. Traction-engine construction.	875,324	Dec. 31	6167	1286	131	2278
Colein, William H., Baltimore, Md. Smoke-consuming attachment for boiler-furnaces.	841,074	Jan. 8	2575	563-4	126	699
Coleman, Abner Kerby, Oreg. Drying apparatus.	842,769	Jan. 29	6105	1288	126	1701
Coleman, Arnold D., and C. Stecher, Chicago, Ill. Lock-seaming machine.	854,872	May 28	5045	1049-51	128	1387
Coleman, Charles C., Chicago, Ill. Time speed-indicator.	862,882	Aug. 13	1279	347	129	2511
Coleman, Clarence W., Westfield, N. J., assignor to Hall Signal Company. Railway-signal.	842,828	Jan. 29	6211	1311	126	1727
Coleman, Clarence W., Westfield, N. J., assignor to Hall Signal Company. Car-controlling apparatus.	845,161	Feb. 26	4847	1028	126	3112
Coleman, Clarence W., Westfield, N. J., assignor to Hall Signal Company. Signaling apparatus.	846,779	Mar. 12	2132	468-9	127	573
Coleman, Clarence W., Westfield, N. J., assignor to Hall Signal Company. Lock for holding signals at danger.	866,260	Sept. 17	2333	650	130	790
Coleman, Clarence W., Westfield, N. J., assignor to Hall Signal Company. Railway-traffic-controlling system.	866,261	Sept. 17	2334	650-1	130	791
Coleman, Clarence W., Westfield, N. J., assignor to Hall Signal Company. Commutator.	866,262	Sept. 17	2339	651	130	792
Coleman, Clarence W., Westfield, N. J., assignor to Hall Signal Company. Signal apparatus.	869,552	Oct. 29	3694	1014	130	2545
Coleman, Clarence W., Westfield, N. J., assignor to Hall Signal Company. Signaling system.	872,713	Dec. 3	831	173	131	1298
Coleman, Clarence W., Westfield, N. J., assignor to Hall Signal Company. Signaling system.	872,798	Dec. 3	996	207-8	131	1326
Coleman, Clyde J., New York, N. Y. Means for operating motor-vehicles.	842,827	Jan. 29	6205	1310-11	126	1725
Coleman, Clyde J., New York, N. Y. Refrigerating apparatus.	871,325	Nov. 19	2475	639	131	776
Coleman, Clyde J., New York, N. Y., assignor to Hall Signal Company. Railway-signal.	842,300	Jan. 29	5061	1079	126	1435
Coleman, Clyde J., Rockaway, N. J., assignor to C. Hubert, New York, N. Y. Starting means for internal-combustion engines.	842,627	Jan. 29	5787	1222	126	1624
Coleman, Clyde J., Rockaway, N. J., assignor to C. Hubert, New York, N. Y. Engine-starter.	857,599	June 25	4191	887	128	2856
Coleman, Clyde J., Rockaway, N. J., assignor to Hall Signal Company. Railway-traffic-controlling apparatus.	858,793	July 2	744	196-7	129	256
Coleman, Clyde J., assignor to C. Hubert, New York, N. Y. Fluid-transferring connector.	864,079	Aug. 20	3068	848	129	3102
Coleman, Clyde J., assignor to C. Hubert, New York, N. Y. Automatic engine-starter.	867,795	Oct. 8	857	244-5	130	1596
Coleman, Clyde J., assignor to C. Hubert, New York, N. Y. Engine-starter.	867,796	Oct. 8	862	246	130	1598
Coleman, Clyde J., assignor to C. Hubert, New York, N. Y. Engine-starter.	867,797	Oct. 8	869	247	130	1600
Coleman, Clyde J., assignor to C. Hubert, New York, N. Y. Filling-tap for liquid-receiving vessels.	868,598	Oct. 15	2189	610	130	2029
Coleman, Clyde J., assignor to C. Hubert, New York, N. Y. Pressure-reducing valve.	868,599	Oct. 15	2190	611	130	2029
Coleman, Edward, Minneapolis, Minn. Adjustable knife-gage.	847,277	Mar. 12	3105	684	127	813
Coleman, Howard A., Sanborn, Iowa. Railway-brake.	857,792	June 25	4581	969	128	2956
Coleman, James L., assignor to L. B. Manley, Duluth, Minn. Pulley.	869,827	Oct. 29	4126	1139	130	2674
Coleman, Jerome M., assignor to Rogers Shear Company, Warren, Pa. Corner-bead.	846,398	Mar. 5	1354	298	127	342
Coleman, Jesse, Shelburn, Ind. Safety appliance for elevators.	870,034	Nov. 5	327	91-2	131	109
Coleman, John E. (See Hill and Coleman.)						
Coleman, John P., Oglesby, Ill. Fan attachment for sewing-machines and the like.	851,651	Apr. 30	5912	1235	127	3229
Coleman, John P., Edgewood, assignor to Union Switch and Signal Company, Swissvale, Pa. Railway signal mechanism.	863,263	Aug. 13	1875	506	129	2699
Coleman, Lucius E., and W. H. Spake, Anaheim, Cal.; said Coleman assignor to said Spake. Toy animal.	846,009	Mar. 5	591	123	127	151
Coleman, Robert L. (See Payne and Coleman.)						
Coleman, Samuel M., assignor of one-half to M. L. Smith and S. E. Kimmel, Johnstown, Pa. Railway-tie.	861,204	July 23	4448	1220	129	1562
Coleman, Thomas C. (See Harris, Thomas H., assignor.)						
Coleman, Walter P., Atlanta, Ga. Means for operating vibrating churns.	857,923	June 25	4834	1025	128	3017
Coleman, William C., Wichita, Kans. Gasolene-lamp.	841,667	Jan. 22	3752	815	126	1076
Coles, Charles H., Sandwich, Ill. Inhaler.	853,626	May 14	2537	527	128	685
Coley, William L., East St. Louis, Ill. Vending-machine.	851,917	Apr. 30	6456	1346-7	127	3371
Colfax, Schuyler, South Bend, Ind. Photographic-printing machine.	860,127	July 16	2786	760-1	129	985
Colgan, William H., Newton, Mass. Outlet-box.	860,014	July 16	2632	715	129	935
Colgate, Arthur E., New York, N. Y. Picture apparatus.	853,441	May 14	2154	448-9	128	585
Colgate & Co. (See Ittner, Martin H., assignor.)						
Colgren, Andrew F., Chicago, Ill. Transmission-gear.	870,665	Nov. 12	1261	343-4	131	444

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Collar, Charles T., Adrian, Mich., assignor to H. L. Swan, Fort Worth, Tex. Tie for wire fencing.....	845,032	Feb. 19	4592	977	126	3007
Collardon, Louis, Leipzig, Germany. Manufacturing printing blocks and plates.....	851,918	Apr. 30	6460	.....	127	337
Coldeweih, John H., Livermore, Cal. Rotary engine.....	866,434	Sept. 17	2589	723	130	873
Collet, Albert, Paris, France. Boring-machine.....	844,099	Feb. 12	2459	526	126	2440
Collev, Albert, Paris, France. Machine for cutting rail-seats in railway-sleepers.....	844,100	Feb. 12	2462	527-8	126	2441
Collett, Emil, Christiania, Norway. Concentrating nitric acid.....	854,928	May 28	5153	1073	128	1416
Collett, James D. (See Hosmer, Arthur, assignor.)						
Collett, John C. (See Lause, Kepler, Collett, and Gruber.)						
Collier, Alfred, London, England. Game-board.....	850,137	Apr. 16	2934	613	127	2406
Collier, Alfred, Geelong, Victoria, Australia. Form of check and like value or amount indicating document.....	852,257	Apr. 30	7135	1494	127	3542
Collier, Andrew J. (See Adams and Collier.)						
Collier, Arthur T., St. Albans, England. Worm-gearing.....	855,937	June 4	960	199	128	1936
Collier, David C., San Diego, Cal. Dust-guard for automobiles.....	843,072	Feb. 5	464	99	126	1911
Collier, David R., Gardner, Mass. Perambulator.....	862,711	Aug. 6	1008	270	129	2394
Collier, Frank P. (See Leitz, Robert, assignor.)						
Collier, J. H. (See Rigg, James C., assignor.)						
Collier, William H., Jackson, Tenn. Combined type-writing and printing machine.....	858,857	July 2	865	225-6	129	297
Collier, William H., Jackson, Tenn. Valve-gear.....	866,623	Sept. 24	2865	809-10	130	990
Collier, William H., Jackson, Tenn. Combined type-writing and printing machine.....	866,624	Sept. 24	2867	810	130	991
Collier, William R., Beaumont, Tex. Railway-switch.....	859,485	July 9	1803	484	129	637
Collins, Berry H., Shreveport, La. Guiding attachment for penholders.....	875,506	Dec. 31	6518	1359	131	2338
Collins, Carl H., Sacred Heart, Minn. Railway-tie.....	841,628	Jan. 15	3671	796	126	1023
Collins, Clarence L., 2d, Niagara Falls, N. Y. Electrically heating materials.....	840,044	Jan. 1	501	110	126	134
Collins, Cornelius, San Francisco, Cal. Fireproof building construction.....	840,111	Jan. 1	634	137	126	168
Collins, Cornelius, San Francisco, Cal. Fireproof building construction.....	851,919	Apr. 30	6462	1347-8	127	3372
Collins, Cornelius, Niles, Ohio. Fireproof building construction.....	855,694	June 4	479	100	128	1818
Collins, Dave W., assignor of one-half to W. M. Roy, Wilson, Ark. Car-repairer's tool.....	852,704	May 7	671	130	128	176
Collins Electric Clock Company. (See Collins, Ulysses L., assignor.)						
Collins, Elvin, and M. Hearn, Maitland, Colo. Motor-driven hand-tool.....	852,258	Apr. 30	7136	1494	127	3542
Collins, Henry L., et al. (See Arbogast, John I., assignor.)						
Collins, James F., Marcus, Iowa. Dump and elevator.....	840,300	Jan. 1	1021	224	126	274
Collins, James H., Harrisburg, Pa. Culinary utensil.....	856,446	June 11	2003	412	128	2237
Collins, James S., Carlinville, Ill. Medical instrument.....	862,712	Aug. 6	1010	271	129	2349
Collins, Jeremiah W., Sherrill, assignor to Oneida Community, Limited, Kenwood, N. Y. Animal-trap.....	855,230	May 28	5762	1200	128	1569
Collins, Jesse D., Chicago, Ill. Refrigerator tub or bucket.....	848,290	Mar. 26	5171	1127	127	1394
Collins, John, San Francisco, Cal. Safety rope-clamp.....	849,832	Apr. 9	2372	486	127	2228
Collins, John, Dayton, Ohio. Loading apparatus.....	872,901	Dec. 3	1231	262	131	1359
Collins, John H., Everett, Wash. Counting attachment for shingle-packing frames.....	860,193	July 16	2882	788	129	1017
Collins, John M., Rockmart, Ga. Furniture-caster.....	857,982	June 25	4980	1052	128	3056
Collins, John S., Custer, Okla. Ter. Adjustable umbrella-support.....	852,872	May 7	1032	213	128	263
Collins, John W., Washington, D. C. Cut-off for faucets.....	846,780	Mar. 12	2138	469	127	574
Collins, Joseph, New York, N. Y. Indicator for bottles.....	874,393	Dec. 24	4291	903	131	1953
Collins, Lucius J., Sarles, N. D. Sled.....	870,493	Nov. 5	973	266	131	316
Collins, Matthew G. (See Birnstock, William W., assignor.)						
Collins, Michael, Lowell, Mass. Carding-engine.....	864,515	Aug. 27	3763	1046	129	3351
Collins, Michael, Lowell, Mass. Machine for preparing fibers for spinning.....	866,618	Sept. 24	3315	936	130	1134
Collins, Michael, assignor of one-half to J. P. McCann, Philadelphia, Pa. Packing.....	853,003	May 7	1305	272	128	331
Collins, Nathaniel A., Lela, Okla. Ter. Boring-machine.....	847,908	Mar. 19	4425	971	127	1169
Collins, Patrick J., Scranton, Pa., assignor, by mesne assignments, to General Electric Company. Power converting and transmitting mechanism.....	859,283	July 9	1492	399	129	535
Collins, Patrick J., Scranton, Pa., assignor, by mesne assignments, to General Electric Company. Dynamo-electric machine.....	859,368	July 9	1642	437	129	585
Collins, Patrick J., Scranton, Pa., assignor, by mesne assignments, to General Electric Company. Dynamo-electric machine.....	859,369	July 9	1643	438	129	586
Collins, Patrick J., Scranton, Pa., assignor, by mesne assignments, to General Electric Company. Dynamo-electric machine.....	859,545	July 9	1896	509	129	667
Collins, Paul E., assignor to Electric Novelty Machine Company, Boston, Mass. Transparency.....	862,054	July 30	5766	1602	129	2005
Collins, Paul E., assignor to Electric Novelty Machine Company, Boston, Mass. Transparency.....	862,055	July 30	5767	1602	129	2005
Collins, Paul E., assignor to Electric Novelty Machine Company, Boston, Mass. Transparency.....	873,020	Dec. 10	1505	314	131	1433
Collins, Robert E. (See Lupton, William A., assignor.)						
Collins, Sydney T., and G. Browning, Hinsdale, Ill. Automatic folding stand.....	846,552	Mar. 12	1676	371	127	456
Collins, Thomas, and E. L. Hartmann, assignors to American Separator Company, Bainbridge, N. Y. Gearing for imparting rotary movements at high speed.....	863,905	Aug. 20	2824	777	129	3030
Collins, Thomas, and E. L. Hartmann, assignors to American Separator Company, Bainbridge, N. Y. Centrifugal liquid-separator.....	864,080	Aug. 20	3072	848	129	3103
Collins, Thomas E., Columbus, Ohio. Flexible metallic shutter.....	845,526	Feb. 26	5575	1181	126	3293
Collins, Ulysses L., assignor to Collins Electric Clock Company, St. Louis, Mo. Electric clock.....	874,941	Dec. 31	5407	1130	131	2157
Collins, William. (See Norton, James W., assignor.)						
Collins, William, West Philadelphia, Pa. Lathe-tool.....	867,798	Oct. 8	873	247	130	1601
Collis, Marina D., Orangeburg, Ky. Fanning-mill.....	856,226	June 11	1505	317	128	2107
Collom, Arthur W., Meadville, Pa. Signal-light.....	853,499	May 14	2275	471-2	128	617
Collon, Eugene, Cannes, France. Machine for folding, drying, and ironing articles of linen.....	858,705	July 2	593	156	129	205
Colford, Frank M., J. C. Rohe, and L. D. Gass, Danville, Ill. Railway-signal.....	863,784	Aug. 20	2637	729-30	129	2970
Colman, William H., Paducah, Ky. Churn-operating mechanism.....	866,334	Sept. 17	2451	684	130	827
Cöln-Müsener-Bergwerks-Actien-Verein. (See Menne, Adolph E., assignor.)						
Cöln-Müsener Bergwerks Actien Verein. (See Menne and Zollenkopf, assignors.)						
Colomb, B. A. (See Delph, Frank A., assignor.)						
Colomb, James. (See Babin and Colomb.)						
Colorado Railway Signal Company. (See Dowler, Charles R., assignor.)						
Colson, Leonard, and C. Gebauer, New York, N. Y.; said Colson assignor to said Gebauer. Automatic switch-governor.....	870,935	Nov. 12	1707	468	131	584
Colthar, William U., Springfield, Ohio. Manufacture of cutting-disks.....	849,329	Apr. 2	1415	285	127	1948
Colthar, William U., Springfield, Ohio. Paper-hanger's tool.....	857,600	June 25	4198	888	128	2857
Colthar, William U., assignor to Champion Chemical Company, Springfield, Ohio. Truck for undertakers' use.....	875,049	Dec. 31	5629	1175	131	2193
Coltman, John F., Chicago, Ill. Automobile-locking mechanism.....	868,907	Oct. 22	2677	740	130	2203
Colton, Rosto E., assignor of one-half to J. L. Lyman, Easthampton, Mass. Lathe tool-holder.....	848,010	Mar. 26	4670	1018	127	1260

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Colt's Patent Fire Arms Manufacturing Company. (See Bristol, Mortimer L., assignor.)						
Colt's Patent Fire Arms Manufacturing Company. (See Cutts, Richard M., assignor.)						
Columbia Folding Box Co. (See Burns, Jeremiah D., assignor.)						
Columbia Gas & Construction Company. (See Mason and Sinclair, assignors.)						
Columbia Machine Works and Malleable Iron Company. (See Remelius, Charles, assignor.)						
Columbia Rope Company. (See Sponsel, Charles W., assignor.)						
Columbia School Supply Company. (See Moore, William A. and J. C., assignors.)						
Columbian Hardware Company. (See Brothers, William H., assignor.)						
Columbian Hardware Company. (See Valentine, Harry J., assignor.)						
Columbus Aseptic Furniture Company. (See Norris, George E., assignor.)						
Columbus Aseptic Furniture Company. (See Norris and Shoemaker, assignors.)						
Columbus Brass Company. (See Lindenberg and Delany, assignors.)						
Columbus, Charles, assignor of one-half to W. Gagnan, Spokane, Wash. Car-door seal.	840,434	Jan. 1	1308	288	126	342
Columbus Clay Products Company. (See Grant, Alex H. and M. N., assignors.)						
Columbus Pneumatic Tool Company. (See Green, Carl R., assignor.)						
Colvin, Andrew J., C. G. Hockett, and J. W. Fitzpatrick, Grants Pass, Oreg. Handhold-forming machine.	856,767	June 11	2605	535-6	128	2389
Colvin, Chase, South Charleston, Ohio. Metallic fence-post.	869,231	Oct. 29	3171	873	130	2383
Colvin, Clarence K., Denver, Colo. Right and left hand distinguishing suspenders.	855,502	June 4	116	23	128	1723
Colvin, George A., Arago, Oreg. Gate.	870,815	Nov. 12	1509	412	131	524
Colwell, John J. (See Grace and Colwell.)						
Colwell, Walter E., Oakville, Ontario, Canada. Photographic apparatus.	847,730	Mar. 19	4044	884	127	1080
Combs, James R., U. S. Navy. Hay-carrier.	843,328	Feb. 5	1005	206	126	2043
Combustion Utilities Company. (See Doherty, Henry L., assignor.)						
Combustion Utilities Company. (See Eldred, Byron E., assignor.)						
Combustion Utilities Company. (See Ellis, Carleton, assignor.)						
Combustion Utilities Company. (See Eldred and Ellis, assignors.)						
Combustion Utilities Company. (See Ellis and Eldred, assignors.)						
Combustion Utilities Company. (See Mangelsdorff, Max F., assignor.)						
Combustion Utilities Company. (See Tait, Godfrey M. S., assignor.)						
Comer, George G., A. Burk, and D. Modrow, Kalama, Wash. Car-step.	872,902	Dec. 3	1233	263	131	1360
Comer, John W., Chickasha, Ind. Ter. Blank for notes, drafts, &c.	861,933	July 30	5637	1562-3	129	1966
Comer, Thomas D., Norton, Va. Locomotive-headlight.	846,092	Mar. 5	767	159	127	196
Comings, William R., London, England. Mechanical movement.	871,110	Nov. 19	1988	543	131	702
Comins, Frank B., Sharon, Mass. Spoon.	856,768	June 11	2608	536	128	2390
Comins, Frank B., Sharon, Mass. Humidifier.	862,541	Aug. 6	750	200	129	2317
Commercial Acetylene Company. (See Bruckner, Rudolph E., assignor.)						
Commercial Adding Machine Co. (See Goldfarb, Nathan J., assignor.)						
Commercial Engineering Company. (See Van Horn and Townsend, assignors.)						
Commercial Firm "Carl Spiegel". (See Möhring, Hermann, assignor.)						
Commercial Storage Battery Co. (See Gardiner, William, assignor.)						
Commonwealth Trust Company, trustee. (See Wardwell, Simon W., assignor.)						
Compagnie Internationale La Norgine. (See Herrmann, Ernest, assignor.)						
Companhia Manufactora Fluminense. (See Coutinho, João M. D., assignor.)						
Company "L'Aspirator". (See Blum, Jules R., assignor.)						
Compher, Edwin C., Leesburg, Va. Tilting gate.	846,399	Mar. 5	1355	298	127	343
Composite File Construction Company. (See Schuchart, Paul A., assignor.)						
Composite File Construction Company. (See Schuchart and Brown, assignors.)						
Compound Motor Company. (See Eisenhuth, John W., assignor.)						
Compressed Paper Box Company. (See Godfrey, Jonathan, assignor.)						
Comptograph Company. (See Felt and Wetmore, assignors.)						
Compton, Joseph. (See Boucher, Joseph L., assignor.)						
Compton, William H., Minneapolis, Minn. Manure-fork.	855,283	May 28	5859	1221	128	1595
Computing Scale Company. (See Ludlow, George M., assignor.)						
Computing Scale Company. (See Ozias, Orange O., assignor.)						
Computing Scale Company. (See Ozias and Hopkinson, assignors.)						
Comstock, Chester, Brooklyn, N. Y. Impact and reaction motor.	843,073	Feb. 5	465	100-1	126	1912
Comstock, Chester, Brooklyn, N. Y. Lubricator.	862,137	Aug. 6	25	8	129	2088
Comstock, Chester, Brooklyn, N. Y. Impact and reaction motor.	870,867	Nov. 12	1582	435	131	544
Comstock, Clark S., Bloomfield, N. J. Loop.	867,949	Oct. 15	1165	322	130	1711
Comstock, George S., Mechanicsburg, Pa. Transmission mechanism.	848,635	Apr. 2	26	6	127	1591
Comstock, George S., Mechanicsburg, Pa. Hot-water heating system.	866,842	Sept. 24	3204	901	130	1101
Comstock, Homer G., San Francisco, Cal. Block-signal system for railways.	857,446	June 18	3877	843-4	128	2745
Comstock, Sylvester B., Nogales, Ariz. Ter. Bed.	859,741	July 9	2190	593	129	761
Comstock, Wilbur A., Bethel, Conn. Heat-regulating apparatus.	872,714	Dec. 3	834	174	131	1298
Conant, Charles B., assignor of one-half to F. A. Grabner, Adrian, Mich. Tie for wire fences.	852,420	May 7	21	5	128	8
Conant, Francis J., Los Angeles, Cal. Vehicle-wheel.	857,330	June 18	3661	775	128	2694
Conant, Fred L., Cadillac, Mich. Crate.	861,503	July 30	4945	1358	129	1754
Conant, Samuel S., Toledo, Ohio. Journal-box.	860,281	July 16	3014	825	129	1061
Conant, William S., assignor to Briscoe Manufacturing Co., Detroit, Mich. Tool-heat-ing furnace.	851,865	Apr. 30	6352	1325	127	3344
Conard, Winfield W., Norristown, Pa. Reinforcement for concrete.	858,153	June 25	5328	1133	128	3144
Conaty, George J., Smethwick, England. Electric tram-car.	843,261	Feb. 5	875	178	126	2016
Conaty, George J., Kings Heath, Worcester county, England. Brake mechanism for tram-cars.	843,262	Feb. 5	876	178-9	126	2016
Concannon, Sherman, Lenexa, Kan., assignor of one-half to E. C. Sooy, Kansas City, Mo. Car-fender.	855,938	June 4	961	199-200	128	1936
Concoff, Isaac R. (See Beebe and Concoff.)						
Condé, Charles A. (See Budd and Condé.)						
Conde, Frederic. (See Shufelt, James A., assignor.)						
Conder, Charles E., Cambridge, Mass. Back for brushes.	840,435	Jan. 1	1309	288	126	342
Condict, George H., Plainfield, N. J. Method of and apparatus for braking vehicles.	845,856	Mar. 5	238	48-9	127	62
Condie, Clarence W., St. Louis, Mo. Corner-clamp for show-windows, show-cases, and the like.	860,015	July 16	2633	715	129	936
Condon, Edward J., Dixon, Ill. Signal.	841,767	Jan. 22	3964	856-7	126	1131
Condon, Edward J., assignor of two-thirds to E. I. Rains and G. W. Ruppert, New York, N. Y. Electrical water-heater.	861,811	July 30	5431	1496	129	1901
Condon, William, assignor of one-half to A. Barrett, Kansas City, Mo. Fire and police signaling system.	848,636	Apr. 2	26	6-7	127	1591
Condon, William R., Worcester, Mass., assignor to American Steel & Wire Company, Chicago, Ill. Rail-bond punch.	856,621	June 11	2343	482	128	2322
Condory, Golla, New York, N. Y. Adjustable band.	861,638	July 30	5158	1415	129	1822
Cone, John W., and F. R. Miller, Barnesboro, Pa. Boring device.	873,724	Dec. 17	2906	616-17	131	1700
Cone, Julius W. (See Rosenblatt, John M., assignor.)						
Conedera, Raimondo, Massa Marittima, Italy. Obtaining pure copper sulfate.	866,625	Sept. 24	2869	811	130	992

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Conelly, Arthur H., Pensacola, Fla. Easel.....	845,694	Feb. 26	5908	1247-8	126	3375
Confer, Benjamin H., and J. W. Woodling, Albion Pa. Check-valve.....	867,245	Oct. 1	23	8	130	1323
Congdon, Charles E., <i>et al.</i> (See Warnken, George L., assignor.)						
Conger, John B., assignor, by mesne assignments, to Straw Pulp and Paper Company, New York, N. Y. Cooking and washing apparatus.....	847,731	Mar. 19	4047	884-5	127	1080
Conger, John H. B., Newark, N. J., assignor to Tea Tray Company of Newark, N. J. Stand for sound-amplifying horns.....	866,263	Sept. 17	2340	652	130	792
Conger, Noble H., assignor, by mesne assignments, to Ostermann Manufacturing Co., Chicago, Ill. Grain-door for railway-cars.....	842,943	Feb. 5	200	46	126	1840
Conger, Noble H., assignor, by mesne assignments, to Ostermann Manufacturing Co., Chicago, Ill. Grain-door for railway-cars.....	843,074	Feb. 5	477	101	126	1916
Conger, William S., <i>et al.</i> (See Sills, Berton H., assignor.)						
Congrove, Hilas V., assignor of one-half to H. Schwab, Bendena, Kans. Hay-loader.....	850,138	Apr. 16	2935	613-14	127	2406
Conkey, John A. (See Smith, Thaddeus S., assignor.)						
Conkle, William G., Knoxville, assignor of three-fourths to F. Geisse and F. M. Thompson, Wellsville, Ohio. Fireplace-heater for radiator systems.....	865,238	Sept. 3	724	206-7	130	218
Conklin, Charles M. (See Lunken and Conklin.)						
Conklin, Charles M., and E. H. Lunken, Cincinnati, Ohio, assignors to Lunken Steel Window Co. Locking mechanism for swinging windows.....	871,206	Nov. 19	2201	583	131	734
Conklin, Chas. A., <i>et al.</i> (See Brodton, Edward R., assignor.)						
Conklin, Edward, Channahon, Ill. Door check and tightener.....	847,909	Mar. 19	4427	971	127	1169
Conklin, Edward, Channahon, Ill. Door check and tightener.....	874,659	Dec. 24	4825	1013	131	2041
Conklin, Edward D., assignor to Whitehead & Hoag Company, Newark, N. J. Bill-book.....	854,197	May 21	3727	771	128	1023
Conklin, Edward D., assignor to Whitehead & Hoag Company, Newark, N. J. Cap for keys of type-writing and analogous machines.....	870,275	Nov. 5	627	168	131	204
Conklin, George W., Shelton, Conn. Tool-holder.....	862,809	Aug. 6	1172	315	129	2442
Conklin, George W., Shelton, Conn. Grinding-machine.....	869,218	Oct. 22	3142	867	130	2348
Conklin, L. A. (See Wilson, Curtis S., assignor.)						
Conkling Company. (See Snow, Frederick, assignor.)						
Conkling, Ira L., Philadelphia, Pa. Cigarette-making device.....	873,350	Dec. 10	2169	453	131	1541
Conlee, Frederick M., Madison, Wis., assignor to Northern Electrical Manufacturing Company. Brush-holder.....	852,705	May 7	672	131	128	176
Conlee, Frederick M., Madison, Wis., assignor to Northern Electrical Manufacturing Company. Safety device for electric motors.....	859,435	July 9	1734	462	129	615
Conlen, John H., Philadelphia, Pa. Power-hammer.....	850,212	Apr. 16	3076	645	127	2443
Conley, Charles M., Cleveland, Ohio. Fastening for plate-glass and show-cases.....	851,920	Apr. 30	6465	1348	127	3373
Conley, Charles M., Cleveland, Ohio. Fastening for plate-glass and show-cases.....	861,266	July 30	4570	1248	129	1638
Conley, Fredrick V., Rochester, Minn. Adjustable standard for camera-lenses.....	862,883	Aug. 13	1282	347-8	129	2512
Conley, Herbert L. (See Young and Conley.)						
Conlin, Thomas, Mount Savage, Md. Engine.....	841,229	Jan. 15	2896	630	126	825
Conlon, Daniel E., Worcester, Mass. Measuring device.....	875,050	Dec. 31	5631	1175	131	2193
Conly, Mahlon S., Los Angeles, Cal. Roller-bearing.....	841,937	Jan. 22	4304	928	126	1216
Conly, Mahlon S., Los Angeles, Cal. Roller-bearing.....	841,938	Jan. 22	4306	928	126	1216
Conn, Charles A. (See Mills, Conn, and Van Ormer.)						
Conn, Charles G., Elkhart Ind. Valved wind musical instrument.....	848,726	Apr. 2	211	43	127	1641
Connally, William J., Atlanta, Ga. Miter-box.....	860,446	July 16	3275	894-5	129	1147
Connally, William J., Atlanta, Ga. Wheel-hub.....	865,239	Sept. 3	725	207	130	218
Connally, William J., Atlanta, Ga. Wheel-hub.....	872,715	Dec. 3	836	174	131	1299
Connaty, James W., and W. E. Reno, Indianapolis, Ind. Table-top.....	871,207	Nov. 19	2203	583	131	734
Connecticut Telephone and Electric Company. (See Wilcox, Ernest C., assignor.)						
Connecticut Web Company. (See Cleary, Edward, assignor.)						
Connell, Elmer R., Keyser, W. Va. Clock.....	846,781	Mar. 12	2139	469-70	127	574
Connell, Henry P., <i>et al.</i> (See Parkhurst and Noyes, assignors.)						
Connell, Isaac N., Baileys Mills, Ohio. Washing-machine.....	853,162	May 7	1579	328-9	128	399
Connell, John F., Los Angeles, Cal. Device for opening, closing, and locking sliding doors.....	844,251	Feb. 12	2770	590	126	2520
Connell, John F., Los Angeles, Cal. Device for opening, closing, and locking doors.....	851,616	Apr. 23	5817	1216	127	3174
Connell, John J., Lexington, Ky. Implement-holder.....	853,577	May 14	2426	505	128	655
Connell, William J., assignor of two-thirds to A. E. Youmans and J. W. Koontz, Huntington, W. Va. Check-holder for mine-cars.....	855,388	May 28	6035	1260	128	1638
Connolly, Patrick F., Sioux Falls, S. D. Adjustable trowel.....	842,770	Jan. 29	6107	1289	126	1701
Connolly, Patrick F., Sioux Falls, S. D. Adjustable tool-holder.....	872,903	Dec. 3	1235	263	131	1360
Connolly, William, Toledo, Ohio. Portable hoist.....	869,421	Oct. 29	3484	956	130	2481
Conner, A. B. (See Williams, Jake C., assignor.)						
Conner, Charles O., Heppner, Ore. Hoist.....	868,844	Oct. 22	2587	714	130	2175
Conner, Charles O., Heppner, Ore. Street-car fender.....	868,845	Oct. 22	2589	714	130	2176
Conner, George F. (See Tolton and Conner.)						
Conner, George F., Port Huron, Mich. Guide for root harvesting and cultivating machines.....	839,918	Jan. 1	237	51	126	65
Conner, George F., Port Huron, Mich. Walk-cleaner.....	841,848	Jan. 22	4142	892	126	1179
Conner, George F., Port Huron, Mich. Cleaning-wheel for root-harvesting machines.....	845,218	Feb. 26	4966	1056-7	126	3142
Conner, George F., Port Huron, Mich. Device for automatically regulating the quality of gas.....	849,053	Apr. 2	879	180	127	1811
Conner, George F., Port Huron, Mich. Beet-harvesting machine.....	856,394	June 11	1899	391-2	128	2211
Conner, Elmer. (See Burchfield and Conner.)						
Conner, James V. (See Dwyer and Conner.)						
Conner, John F., Teckville, Miss. Back-band buckle.....	872,799	*Dec. 3	1000	208	131	1326
Conner, Merritt S., assignor to Stomberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone-exchange system.....	862,713	Aug. 6	1011	271	129	2395
Conner, William M., Cincinnati, Ohio. Bone-cutting machine.....	871,674	Nov. 19	3183	789	131	888
Connorsville Motor Vehicle Company. (See Morrison, Joshua H., assignor.)						
Connet, Frederick N. (See Gregory, Jackson, and Connet.)						
Connet, Frederick N. (See Richardson and Connet.)						
Connet, Frederick N., Providence, R. I. Rate-regulating device for fluids.....	863,264	Aug. 13	1877	506	129	2699
Connett, John W., Missouri Valley, Iowa. Churn.....	870,494	Nov. 5	974	267	131	316
Connies, Samuel J., Brooklyn, N. Y. Bulletin-board.....	860,729	July 23	3716	1018	129	1323
Connolly, Bartholomew, Tonopah, Nev. Flying-machine.....	852,221	Apr. 30	7077	1479	127	3527
Connolly, Bartholomew, Tonopah, Nev. Aerial machine.....	870,936	Nov. 12	1710	469	131	584
Connolly, Joseph B. (See Connolly, Thomas A. and J. B.)						
Connolly, Thomas A. and J. B., Washington, D. C. Musical instrument.....	851,634	Apr. 23	5849	1223	127	3181
Connolly, Thomas A. and J. B., Washington, D. C. Producing pictures, designs, &c.....	853,863	May 14	3021	620	128	806
Connolly, Walter F., New York, N. Y. Score-card.....	840,827	Jan. 8	2067	458	126	569
Connolly, William, Fort Benton, Mont. Irrigating-pipe.....	872,904	Dec. 3	1236	263	131	1360
Connor, Mark, Los Angeles, Cal. Automatic aquarium and flushing device.....	867,112	Sept. 24	3621	1027	130	1227
Connor, Michael E., <i>et al.</i> (See Casper, James M., assignor.)						
Connor, Miles, Pueblo, Colo. Fire-alarm system.....	846,729	Mar. 12	2026	445-6	127	546

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Connor, Miles, Pueblo, Colo. Steam-generator.....	857,723	June 25	4439	937-8	128	2921
Connor, Patrick G., New York, N. Y. Geographical clock.....	862,884	Aug. 13	1284	348	129	2512
Connors, Joseph, Louisville, Ky. Back-rest.....	859,168	July 2	1319	350	129	445
Connors, Joseph, Louisville, Ky. Attachable table.....	872,905	Dec. 3	1238	263-4	131	1361
Connors, Patrick J., Greenville, Pa. Pipe-bending machine.....	856,847	June 11	2742	569-70	128	2421
Connors, Thomas L., Hudson, N. Y. Bottle-closure.....	866,435	Sept. 17	2591	723	130	874
Conolly, John J., and J. Herron, Marquette, Mich. Machine for setting locomotive-valves.....	848,011	Mar. 26	4671	1018	127	1267
Conover, Charles F., New York, N. Y. Water-cooler.....	871,914	Nov. 26	3696	902	131	998
Conover, Harvey, Dayton, Ohio. Carton.....	850,345	Apr. 16	3330	694	127	2512
Conover, Howard B., assignor to Caille Brothers Company, Detroit, Mich. Vending-machine.....	852,222	Apr. 30	7078	1479-80	127	3528
Conover, Jacob D., Middletown, N. J. Button and loop clasp.....	850,346	Apr. 16	3331	694	127	2512
Conover, William W., Toronto, Ontario, Canada, assignor to Sanitary Carpet Cleaner Co. Pneumatic cleaner.....	847,278	Mar. 12	3106	684	127	814
Conrad, Albert A. and G. F. Amanda, Ohio. Poultry feeding and watering device.....	843,664	Feb. 12	1655	351	126	2242
Conrad, Beryl A. (See Reese and Miner, assignors.)						
Conrad, Elijah J., Coalport, Pa. Clothes-pin.....	869,880	Nov. 5	12	4	131	6
Conrad, Frank. (See Davis and Conrad.)						
Conrad, Frank, Edgewood Park, and W. M. Bradshaw, Wilksburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Alternating-current electrical apparatus.....	853,226	May 14	1737	360-1	128	472
Conrad, George F. (See Conrad, Albert A. and G. F.)						
Conrad, George H., Great Falls, Mont. Sight for firearms.....	852,106	Apr. 30	6864	1434	127	3472
Conrad, John P., Elizabeth, N. J. Back-pressure valve for drain-traps.....	844,003	Feb. 12	2281	483	126	2398
Conrad, Max, Aschaffenburg, assignor to Firm of E. Merck, Darmstadt, Germany. Manufacturing dialkylbarbituric acid.....	856,622	June 11	2345	.....	128	2322
Conrad, Peter I., Sunbury, Pa. Whip-socket.....	850,466	Apr. 16	3551	743	127	2568
Conrad, W. H., et al. (See Doak, David H., assignor.)						
Conrader, Rudolph, Erie, Pa. Means for actuating fluids.....	865,296	Sept. 3	816	235-6	130	247
Conrader, Rudolph and A. J. Gillespie, Erie, Pa., said Gillespie assignor to said Conrader. Steam-loop.....	841,311	Jan. 15	3068	664	126	867
Conradson, Conrad M., assignor to V. E. Prentice, New York, N. Y. Bottle-stopper fastener.....	841,629	Jan. 15	3671	797	126	1023
Conradson, Conrad M., assignor to V. E. Prentice, New York, N. Y. Non-refillable bottle.....	875,157	Dec. 31	5836	1218	131	2227
Conradson, Eugene C., Gainesville, Fla. Magazine for firearms.....	859,742	July 9	2192	593-4	129	762
Conrady, Philipp. (See Gause and Conrady.)						
Conrath, Frederick, St. Paul, Minn. Lamp-jack.....	848,443	Mar. 26	5471	1192-3	127	1468
Conroy, James J. (See Mitchell, Malcolm E., assignor.)						
Conroy, James P., Pittsburg, Pa. Vending-machine.....	855,231	May 28	5763	1200	128	1569
Conroy, John M., Allegheny, Pa. Frame for mirrors, &c.....	861,709	July 30	5263	1447	129	1851
Conry, Kate, New York, N. Y. Garment-supporter.....	865,869	Sept. 10	1747	487	130	578
Consolidated Car Fender Company. (See Hollingsworth, George H., assignor.)						
Consolidated Car Heating Company. (See Hawley, Green, Fulton, and McElroy, assignors.)						
Consolidated Car Heating Company. (See McElroy, James F., assignor.)						
Consolidated Dental Manufacturing Company. (See Hardy, James F., assignor.)						
Consolidated Dental Manufacturing Company. (See Bultman, Henry D., assignor.)						
Consolidated Electric Appliance Companies. (See Shroenberg, Milton H., assignor.)						
Consolidated Gas Company. (See De Freitas, William, assignor.)						
Consolidated Press and Tool Company. (See Walsh, Harry C. H., assignor.)						
Consolidated Safety Valve Company. (See Blanchard and Crocker, assignors.)						
Consolidated Street Lighting Company. (See Momand, Ragland, assignor.)						
Constable, Arthur H. (See Smith, Maxwell M., assignor.)						
Constable, William, Schenectady, N. Y., assignor to General Electric Company. Protective device for frangible vessels.....	844,779	Feb. 19	4117	877	126	2887
Constandse, Jacob T., and W. Foldersman, Jr., Yumiden, Netherlands. Rotary engine.....	864,613	Aug. 27	3944	1094	129	3404
Constantinov, Boris V., New York, N. Y. Valve.....	862,714	Aug. 6	1015	271	129	2396
Contal, Camille. (See Chalas, Réquart, and Contal.)						
Contal, Camille, Levallois-Perret, France. Chain-tension and brake device.....	851,119	Apr. 23	4798	1010	127	2921
Conter, Michael J., Chicago, Ill. Automatic book-mark.....	840,475	Jan. 8	1391	308	126	402
Conter, Michael J., Chicago, Ill. Automatic book-mark.....	854,873	May 28	5052	1051	128	1389
Conti, James T. F., Paris, France. Speed-indicator.....	844,922	Feb. 19	4376	935	126	2951
Continental Jar and Bottle Stopper Company. (See Reed, George T., assignor.)						
Continental Jar and Bottle Stopper Company. (See Waterman, Frank W., assignor.)						
Continental Paper Bag Company. (See Smith, Charles F., assignor.)						
Continental Paper Bag Company. (See Strasburg, Frederick E., assignor.)						
Continental Salt & Chemical Co. (See Hardy and Roe, assignors.)						
Continental Signal Company. (See Short, William A. D., assignor.)						
Continuous Glass Press Company. (See Shuman, Arno, assignor.)						
Contractors' Plant Manufacturing Company. (See Tredo, George L., assignor.)						
Contractors' Wagon Company. (See MacClerman, Richard H., assignor.)						
Converse, Clarence L., New York, N. Y. Manifold device.....	862,610	Aug. 6	860	230	129	2350
Converse, Francis B., Jr., Louisville, Ky., assignor, by mesne assignments, to Cleveland Typesetter Company, Cleveland, Ohio. Justifying mechanism.....	848,808	Apr. 2	383	77-9	127	1686
Converse, Francis B., Jr., Louisville, Ky., assignor, by mesne assignments, to Mergenthaler Linotype Company. Justifying mechanism.....	872,223	Nov. 26	4379	1042-3	131	1101
Converse, Francis B., Jr., assignor, by mesne assignments, to Cleveland Typesetter Company, Cleveland, Ohio. Justifying mechanism.....	848,809	Apr. 2	394	79-82	127	1688
Converse, Francis B., Jr., assignor, by mesne assignments, to Cleveland Typesetter Company, Cleveland, Ohio. Justifying mechanism.....	848,810	Apr. 2	409	83	127	1691
Converse, Maschil D., Newark, N. J., assignor, by mesne assignments, to Howland Metallic Cap Company, New York, N. Y. Closure for jars, bottles, and like receptacles.....	855,695	June 4	480	100	128	1819
Converse, Maschil D., Newark, N. J., assignor, by mesne assignments, to Howland Metallic Cap Company, New York, N. Y. Closure for jars, bottles, and like receptacles.....	867,705	Oct. 8	722	202	130	1554
Converse, Maschil D., Newark, N. J., assignor, by mesne assignments, to Howland Metallic Cap Company, New York, N. Y. Closure for jars, bottles, and like receptacles.....	873,989	Dec. 17	3416	728	131	1787
Converse, Newton B., Fresno, assignor to himself and F. M. Wright, trustees, San Francisco, Cal. Pitted prune and pitting it.....	845,695	Feb. 26	5910	1248	126	3376
Converse, Newton B., assignor to himself and J. E. Dickinson, trustees, Fresno, Cal. Funnel for fruit-packing machines.....	860,081	July 16	2732	745	129	967
Converse, Newton B., assignor to himself and J. E. Dickinson, trustees, Fresno, Cal. Feeder or conveyor.....	860,128	July 16	2788	761	129	986
Converse, Newton B., assignor to himself and J. E. Dickinson, trustees, Fresno, Cal. Apparatus for preparing and packing seeded raisins.....	873,922	Dec. 17	3289	702-3	131	1765
Conversy, Joseph, assignor of one-half to J. Bouquet, New York, N. Y. Filter.....	858,154	June 25	5329	1134	128	3145

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Convertible Couch and Chair Company. (See Wheatley, Arthur, assignor.)						
Conway, J. W. (See Arnold, Addison, assignor.)						
Conway, John E., Osgood, Iowa. Dish-washing machine.	862,138	Aug. 6	29	8	129	2091
Conway, Thomas J., Muncie, Ind. Glass-press.	849,461	Apr. 9	1665	337	127	2051
Conwell, Clarke, Larchmont, assignor to H. M. O. Conwell, Larchmont Manor, N. Y. Clock.	859,743	July 9	2193	594	129	763
Conwell, Helen M. O. (See Conwell, Clarke, assignor.)						
Cook, Abner S., Burlington, Iowa. Crate.	853,065	May 7	1413	295	128	358
Cook, Andrew J., San Rafael, Cal. Apparatus for separating finely-divided material.	866,626	Sept. 24	2870	811	130	992
Cook, Burton H., New York, N. Y. Hair-pin.	864,360	Aug. 27	3507	974	129	3266
Cook, Charles L., Louisville, Ky. Shaft-packing.	846,283	Mar. 5	1120	243	127	284
Cook, Charles W., Holyoke, Mass. Stationery-box.	855,045	May 28	5391	1120	128	1476
Cook, Christian G., Fostoria, Ohio. Means for detaching buggy-tops.	846,782	Mar. 12	2140	470	127	575
Cook, Christian W., Provo City, Utah. Hinge.	869,553	Oct. 29	3702	1015	130	2549
Cook, Clayton L., Big Plain, Ohio. Churn.	845,527	Feb. 26	5576	1182	126	3293
Cook, David S., and C. J. Dietrich, La Grange, Ill. Mail-bag catcher.	845,055	Feb. 26	4639	987	126	3057
Cook, Edward L., and J. H. Henry, Brattleboro, Vt. Pipe and cigar holder.	864,293	Aug. 27	3408	947	129	3236
Cook, Edward M., Oberlin, Ohio. Metallic packing.	857,030	June 18	3096	653	128	2550
Cook, Edward M., Oberlin, Ohio. Metallic packing.	855,998	Sept. 17	1949	544	130	670
Cook, Edward M., Oberlin, Ohio. Metallic packing.	873,507	Dec. 10	2458	518	131	1594
Cook, Eugene, Kalamazoo, Mich. Grinding-machine.	871,785	Nov. 26	3414	839	131	954
Cook, Frank. (See Lehman, Cook, and Robertson.)						
Cook, Frank A. (See Pfunder and Cook.)						
Cook, Frank B. (See Hewitt and Nolen, assignors.)						
Cook, Frank B. (See Nolen, James G., assignor.)						
Cook, Frank B. (See Parker, Frederick R., assignor.)						
Cook, Frank B. (See White, Charles E., assignor.)						
Cook, Frank B., Chicago, Ill. Cable-clamp.	839,919	Jan. 1	241	51	126	67
Cook, Frank B., Chicago, Ill. Electrothermal protector.	841,849	Jan. 22	4143	893	126	1180
Cook, Frank B., Chicago, Ill. Insulating ring and bracket.	842,301	Jan. 29	5065	1080	126	1436
Cook, Frank B., Chicago, Ill. Substation-protector.	842,628	Jan. 29	5790	1222	126	1625
Cook, Frank B., Chicago, Ill. Non-arcing muffled fuse.	843,930	Feb. 12	2153	460	126	2367
Cook, Frank B., Chicago, Ill. Electrothermal cut-out.	845,219	Feb. 26	4969	1057	126	3143
Cook, Frank B., Chicago, Ill. Heat-coil.	854,272	May 21	3861	797	128	1058
Cook, Frank B., Chicago, Ill. Substation-protector.	860,016	July 16	2633	715	129	936
Cook, Frank B., Chicago, Ill. Cable-terminal.	861,812	July 30	5434	1497	129	1902
Cook, Frank B., Chicago, Ill. Junction-box.	861,813	July 30	5435	1497	129	1902
Cook, Frank B., Chicago, Ill. Cable-terminal and system of protection.	862,542	Aug. 6	751	201	129	2317
Cook, Frank B., Chicago, Ill. Cable-terminal.	862,543	Aug. 6	753	201	129	2317
Cook, Frank B., Chicago, Ill. Electric-line fuse.	869,060	Oct. 22	2917	804	130	2279
Cook, Frank B., Chicago, Ill. Automatic testing and resetting means for electrothermal protectors.	869,554	Oct. 29	3702	1015	130	2549
Cook, Frank B., Chicago, Ill. Automatic resetting and testing means for thermal protectors.	869,864	Oct. 29	4176	1153	130	2689
Cook, Frank B., Chicago, Ill. Automatic resoldering device for electrical protective apparatus.	870,495	Nov. 5	976	267	131	316
Cook, Frank B., Chicago, Ill. Individual protector unit.	870,530	Nov. 5	1031	281	131	332
Cook, Frank B., Chicago, Ill. Electrothermal protector.	870,714	Nov. 12	1331	364	131	467
Cook, Frank B., Chicago, Ill. Cable-terminal and junction-box.	871,984	Nov. 26	3873	936-7	131	1021
Cook, Frank B., and J. G. Nolen, Chicago, Ill.; said Nolen assignor to said Cook. Telephone system.	856,570	June 11	2233	459	128	2293
Cook, Fred W., assignor to Chicago Hardware Foundry Co., North Chicago, Ill. Churn-dasher.	842,386	Jan. 29	5263	1116	126	1493
Cook, Frederick D. G., Chippewa Falls, Wis. Automobile-tire.	856,447	June 11	2004	412	128	2237
Cook, George W., Springfield, Mass. Garment-hanger.	840,045	Jan. 1	504	110	126	134
Cook, Harris J., assignor to Stanley Rule & Level Company, New Britain, Conn. Ratchet mechanism.	850,347	Apr. 16	3333	694-5	127	2513
Cook, Harris J., assignor to Stanley Rule & Level Company, New Britain, Conn. Ratchet mechanism.	850,566	Apr. 16	3743	782	127	2619
Cook, Henry J., assignor of one-half to E. Patton, Philadelphia, Pa. Disappearing tent-spindle.	866,335	Sept. 17	2453	684	130	827
Cook, James L., Dayton, Ohio. Hot-water valve.	848,811	Apr. 2	418	84	127	1693
Cook, John, and J. F. Brady, New Paynesville, Minn. Shears.	853,681	May 14	2636	547	128	710
Cook, John D. (See Laughterback, William Z., assignor.)						
Cook, John H., New York, N. Y. Center-stop trolley-bracket.	848,637	Apr. 2	33	7	127	1593
Cook, John H., New York, N. Y. Holding-pin for toggle-bolts and the like.	862,310	Aug. 6	339	94	129	2188
Cook, John H., New York, N. Y. Toggle-bolt.	867,799	Oct. 8	874	248	130	1602
Cook, Joseph C., and E. Sokal, Buffalo, N. Y.; said Sokal assignor to said Cook. Storage battery.	870,015	Nov. 5	227	61	131	80
Cook, Lyman J., assignor of one-half to J. B. Webster, Silver Creek, N. Y. Window-sash.	873,211	Dec. 10	1877	393	131	1495
Cook, Mansfield J. (See Eno and Cook.)						
Cook, Mary A., Bridgeport, Conn. Catamenial bandage.	849,725	Apr. 9	2173	447	127	2175
Cook, Miles, Ottawa, Kans. Corn-harvester.	854,629	May 21	4514	942	128	1222
Cook, Miller, Jr., Whitman, Mass. Sole-channeling tool.	872,716	Dec. 3	839	174	131	1299
Cook, Ray P., Hastings, Mich. Pan-support.	852,223	Apr. 30	7081	1480	127	3528
Cook, Richard H., Fall River, Mass., assignor to American Thread Company, New York, N. Y. Stop for twister-bobbins.	848,012	Mar. 26	4673	1019	127	1267
Cook, Richard H., Fall River, Mass., assignor to American Thread Company, New York, N. Y. Stop mechanism for bobbins.	848,013	Mar. 26	4674	1019	127	1268
Cook, Richard H., assignor to American Thread Company, Fall River, Mass. Stop mechanism for bobbins.	855,162	May 28	5640	1173	128	1538
Cook, Robert M., et al. (See Sarkees, Maroon B., assignor.)						
Cook, Roy J., and H. H. Harvey, Chicago, Ill. Grain-car door.	840,751	Jan. 8	1934	426	126	537
Cook, Samuel. (See Tidd and Cook.)						
Cook, Samuel B., assignor of one-third to E. D. Peirce, Laurel, Miss. Washboard.	851,497	Apr. 23	5574	1168	127	3113
Cook, Simon, East Akron, Ohio. Steam-turbine.	842,083	Jan. 22	4582	985	126	1281
Cook, Theodore H., Minneapolis, Minn. Nursing-bottle.	874,942	Dec. 31	5410	1130	131	2157
Cook, Walter K. (See Grass, Cook, Fletcher, and Arndt.)						
Cook, Walter M., Ludlow, Vt., assignor of one-half to C. M. Lauritzen, Chicago, Ill. Separator.	840,301	Jan. 1	1025	224-5	126	275
Cook, William, Hoboken, N. J. Car-replacer.	847,732	Mar. 19	4050	885	127	1081
Cook, William, Broadhead, Colo. Car-arrester.	872,276	Nov. 26	4474	1063	131	1116
Cook, William C. (See Gilmore and Cook.)						
Cook, William C., Schaller, Iowa. Harrow.	850,296	Apr. 16	3224	672	127	2483
Cook, William F., Des Moines, Iowa. Self-cleaning ditching-shovel.	841,374	Jan. 15	3191	687-8	126	900
Cook, William F., Des Moines, Iowa. Self-cleaning ditching-shovel.	841,375	Jan. 15	3194	688-9	126	901

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Cook, William H., Edmonds, Wash. Flying-machine.....	860,447	July 16	3277	895	129	1147
Cook, William M., Warren, Ohio. Sliding-door lock.....	872,110	Nov. 26	4150	993	131	1063
Cook, Willis A., Sturgis, S. D. Hay-dropper.....	854,929	May 28	5154	1073-4	128	1416
Cook, Yancey S., Greenville, Ala. Vehicle-wheel.....	859,370	July 9	1645	438	129	586
Cooke, Adrian C., assignor to Acme Toy Works, Chicago, Ill. Toy automobile.....	840,913	Jan. 8	2258	496-7	126	617
Cooke, Ernest W., New York, N. Y., assignor, by mesne assignments, to Cokel Company. Dehydrating food substances.....	840,436	Jan. 1	1310	289	126	342
Cooke, Ernest W., New York, N. Y., assignor, by mesne assignments, to Cokel Company. Desiccating plant.....	841,939	Jan. 22	4306	929	126	1216
Cooke, Ernest W., New York, N. Y., assignor, by mesne assignments, to Cokel Company. Dehydrating apparatus.....	867,246	Oct. 1	24	8	130	1323
Cooke, Ernest W., New York, N. Y., assignor, by mesne assignments, to Cokel Company. Air-drier for desiccating apparatus.....	870,546	Nov. 12	1058	289	131	372
Cooke, Ernest W., Waukesha, Wis., assignor, by mesne assignments, to American Dehydrating Company. Dehydrating animal and vegetable substances.....	871,982	Nov. 26	3870	936	131	1021
Cooke, Ernest W., Waukesha, Wis., assignor to American Dehydrating Company. Air-drier.....	872,054	Nov. 26	4040	968	131	1045
Cooke, Henry D., Monmouth Beach, assignor to American Farm Products Company, Jersey City, N. J. Extracting or obtaining butter-fat.....	875,325	Dec. 31	6169	-----	131	2279
Cooke, Jasper N., and J. C. Moeller, Davilla, Tex. Clothes-pin.....	874,660	Dec. 24	4826	1013	131	2041
Cooke, William A., Jr., New York, N. Y. Combined letter-sheet and envelop.....	849,771	Apr. 9	2258	464	127	2199
Cookingham, De Witt. (See Hertner, John H., assignor.)						
Cookingham, De Witt, assignor of one-half to J. H. Hertner, Cleveland, Ohio. Vehicle-brake.....	870,666	Nov. 12	1262	344	131	445
Cool, Harlow R., Bradford, Pa. Electrotherapeutic syringe.....	873,021	Dec. 10	1507	315	131	1434
Coolbaugh, Moses W., Springfield, Mo. Bin.....	843,194	Feb. 5	738	151	126	1982
Cooley, Delbert, Galena, Kans. Gas and air burner.....	850,996	Apr. 23	4575	958	127	2865
Cooley Epicycloidal Engine Development Company. (See Cooley, John F., assignor.)						
Cooley, Fred W., assignor of two-thirds to G. T. Honstain, Minneapolis, Minn. Concrete-block machine.....	839,812	Jan. 1	24	5-6	126	8
Cooley, Fred W., assignor of two-thirds to G. T. Honstain, Minneapolis, Minn. Dumping-platform.....	839,813	Jan. 1	26	6	126	9
Cooley, Henry, Victoria, British Columbia, Canada. Hair-comb.....	863,510	Aug. 13	2224	601	129	2808
Cooley, Henry B., New Britain, assignor to American Paper Goods Company, Kensington, Conn. Mechanism for feeding paper.....	874,943	Dec. 31	5411	1131-2	131	2157
Cooley, John F., assignor of one-half to Cooley Epicycloidal Engine Development Company, Jersey City, N. J., and Boston, Mass. Cycloidograph.....	842,447	Jan. 29	5407	1146-7	126	1532
Coolidge, Frederic A. (See Grosvenor and Coolidge.)						
Coombs, Joseph A., Atlantic City, N. J., assignor to Aurum Mining Company. Apparatus for extracting and saving gold.....	840,752	Jan. 8	1937	426	126	538
Coombs, Arthur H., assignor of one-half to O. S. Coombs, Chicago, Ill. Machine for making cement building-blocks.....	844,711	Feb. 19	3968	843-5	126	2847
Coombs, Edwin, Auburn, Victoria, Australia. Fibrous plastering.....	874,833	Aug. 6	1015	272	129	2396
Coombs, Howard A., Washington, D. C. Variable-speed driving mechanism.....	864,081	Aug. 20	3073	849	129	3103
Coombs, Olga S. (See Coombs, Arthur H., assignor.)						
Coombs, Stephen H., Chicago, Ill. Beater.....	865,999	Sept. 17	1950	544-5	130	670
Coombs, Thomas P., Peabody, assignor, by mesne assignments, to Turner Tanning Machinery Company, Boston, Mass. Whitening-machine.....	858,576	July 2	358	91-2	129	127
Coombs, Walter J. (See Bray and Coombs.)						
Coombs, William H., Rockford, Ill. Switch for street-cars.....	874,491	Dec. 24	4475	943	131	1985
Coon, Abraham, Glenwood, assignor of one-half to J. L. Gross, Kooskia, Idaho. Rotary engine.....	862,716	Aug. 6	1016	272	129	2396
Coon, Edith M. (See Learman, Louis F., assignor.)						
Coon, George, Mount Vernon, Wash. Stamp-mill.....	855,284	May 28	5861	1221	128	1595
Coon, Louis G., Pueblo, Colo. Fastener for refrigerator-doors.....	874,833	Dec. 24	5150	1085	131	2097
Cooney, John W., New York, N. Y. Sewage-ejecting system.....	863,360	Aug. 13	2015	543	129	2746
Cooney, Peter A. (See Oakes and Cooney.)						
Coons, David. (See Sudell, Herbert G., assignor.)						
Cooper, Albert R., Findlay, Ohio. Electrogenic body device.....	871,479	Nov. 19	2816	708	131	826
Cooper, Alfred J., Liverpool, England. Turbine.....	845,334	Feb. 26	5203	1104-5	126	3200
Cooper, Alfred J., Liverpool, England. Turbine.....	856,623	June 11	2346	482	128	2322
Cooper, Charles. (See Barratt, William T., assignor.)						
Cooper, Charles. (See Hurley and Barratt, assignors.)						
Cooper, Edward. (See Knight, Ellsworth L., assignor.)						
Cooper, Edward, Newton Lower Falls, Mass. Making artificial mica sheets.....	847,910	Mar. 19	4428	972	127	1170
Cooper, Edwin R. (See Lotave, Carl G., assignor.)						
Cooper, Frederick A., Adams, Mass. Automatic water-relief valve.....	840,993	Jan. 8	2404	526	126	654
Cooper, Frederick W., assignor of one-third to T. E. Howard, Danbury, Conn. Means for automatically severing hat sweat-bands.....	861,267	July 30	4572	1248	129	1639
Cooper, George N., Haverhill, assignor of one-half to G. F. Soule, Plymouth, Mass. Feeding mechanism for tack-cutting machines.....	842,137	Jan. 22	4706	1008	126	1314
Cooper, Harry, Roscoe, Pa. Gutter and valley-trough for roofs.....	857,601	June 25	4201	888	128	2858
Cooper, Henry R., Sr., assignor to Niagara Forged Steel Company, Buffalo, N. Y. Railway-anchor.....	858,794	July 2	758	197	129	266
Cooper Hewitt Electric Company. (See Baker, James R., assignor.)						
Cooper Hewitt Electric Company. (See Flichtner, Stanwood E., assignor.)						
Cooper Hewitt Electric Company. (See Hewitt, Peter C., assignor.)						
Cooper Hewitt Electric Company. (See Potter, Henry N., assignor.)						
Cooper Hewitt Electric Company. (See Thomas, Percy H., assignor.)						
Cooper, Hugh L., Stamford, Conn. Dam and apparatus for and method of constructing the same.....	844,498	Feb. 19	3289	709-10	126	2687
Cooper, James E., and P. A. Oliver, Perry, assignors to Robeson Cutlery Company, Rochester, N. Y. Knife-handle.....	850,420	Apr. 16	3462	725	127	2547
Cooper, John A. (See Smith, John W., assignor.)						
Cooper, John A., Mercury, Tex. Telegraph and telephone insulator.....	868,530	Oct. 15	2069	580	130	1986
Cooper, John D., Grand Rapids, Mich. Cane-harvester, (Trimmer).....	855,061	June 25	5153	1091	128	3100
Cooper, John J., New York, N. Y. Exercising apparatus.....	857,447	June 18	3881	824-5	128	2746
Cooper, John M., Paskenta, Cal. Name and trace connector.....	872,499	Dec. 3	382	80	131	1228
Cooper, John W., Boston, Mass. Spring-wheel.....	855,095	May 28	5508	1143	128	1505
Cooper, John W., Boston, Mass. Spring-wheel.....	855,096	May 28	5510	1143-4	128	1505
Cooper, Joseph P., Farmersville, Tex. Stalk-cutter.....	849,659	Apr. 9	2064	423	127	2149
Cooper, Martin L., Modesto, Cal. Reinforcing-frame for concrete building construction.....	875,158	Dec. 31	5837	1218	131	2227
Cooper, Thomas, Kings Lynn, England. Roller-bearing.....	846,908	Mar. 12	2400	528	127	640
Cooper, William. (See Storer and Cooper.)						
Cooper, William, Denver, Colo. Automatic clutch.....	842,629	Jan. 29	5792	1223	126	1626
Cooper, William, Denver, Colo. Automatic clutch.....	842,630	Jan. 29	5795	1223-4	126	1626

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Cooper, William, Georgetown, Colo. Automatic emergency-brake.	849,599	Apr. 9	1955	400	127	2121
Cooper, William, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system for electric vehicles.	856,448	June 11	2006	413	128	2237
Cooper, William, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Vehicle-motor-control system.	870,816	Nov. 12	1511	412	131	524
Cooper, William, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric-motor control.	873,298	Dec. 10	2049	428	131	1524
Cooper, William, Cincinnati, and C. W. Johnson, Norwood, Ohio, assignors, by mesne assignments, to Bullock Electric Company. Controller.	845,528	Feb. 26	5578	1182	126	3293
Cooper, William F., assignor of one-half to A. B. Chase Co., Norwalk, Ohio. Tracker-box for mechanical musical instruments.	856,769	June 11	2608	536-7	128	2390
Cooper, William H., <i>et al.</i> (See Woodall, Robert B., assignor.)						
Cooper, William K., Lakewood, N. J. Vine-cutter.	865,361	Sept. 10	938	268-9	130	313
Cooper, William S., Philadelphia, Pa. Flushing-valve.	865,479	Sept. 10	1121	319	130	369
Cooper, William S., Philadelphia, Pa. Faucet.	865,568	Sept. 10	1276	361	130	417
Cooperman, Harry, Philadelphia, Pa. Bottle-brush.	871,786	Nov. 26	3417	840	131	955
Cooperrider, Thomas A., Thornville, Ohio. Well-cap.	849,206	Apr. 2	1194	242	127	1894
Coops, Charles W., Taunton, Mass. Top-holder for automobiles.	849,598	Apr. 9	1954	400	127	2121
Cope, Alonzo M., Chicago, Ill. Rack or holder.	847,318	Mar. 19	3193	702	127	863
Cope, Joseph H., Windsor, Colo. Hay-stacker.	841,376	Jan. 15	3198	689-90	126	902
Cope, Thomas, McKees Rocks, Pa. Trolley.	847,163	Mar. 12	2872	633	127	756
Cope, Thomas J., Philadelphia, Pa. Apparatus for threading or laying electric conductors in conduits or pipes.	850,625	Apr. 16	3872	809	127	2650
Copeland, David W., Syracuse, N. Y. Thill-coupling.	859,048	July 2	1144	306	129	389
Copeland, David W., Syracuse, N. Y. Thill-coupling.	874,304	Dec. 17	4111	866	131	1892
Copeland, Hugh B., Denver, Colo. Mold for plastic material.	852,259	Apr. 30	7137	1494	127	3542
Copeland, Hugh B., Denver, Colo. Mold for portable wall blocks or sections.	865,297	Sept. 3	820	236-7	130	248
Copeland, Lucien B., Providence, R. I., assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machine.	849,888	Apr. 9	2487	512-13	127	2257
Copeland, Robert J., and A. E. Chatterson, Toronto, Ontario, Canada. Binder.	867,706	Oct. 8	723	202	130	1554
Copeland, W. B. (See Ellis, Stephen A., assignor.)						
Copeman, Lloyd G., Spokane, Wash., assignor of one-half to C. A. Walker, Coeur d'Alene, Idaho. Electrothermostatic heat-regulator.	852,773	May 7	795	159	128	206
Copilovich, Henry, Hincley, Minn. Wood-still retort.	840,753	Jan. 8	1940	426	126	538
Copland, Alexander W., Detroit, Mich. Icing-machine.	848,638	Apr. 2	34	8	127	1593
Copp, Curtis S., and L. Frank, Jacksonville, Ill. Display-rack.	840,112	Jan. 1	636	137	126	168
Copp, Gardner P., assignor of one-half to A. L. Rhodes, Los Angeles, Cal. Trolley-head.	873,662	Dec. 10	2751	584	131	1646
Coppage, Benjamin D. (See Sellers and Coppage.)						
Copping, Thomas C., Houston, Tex. Insulator and protector for electric conductors.	874,834	Dec. 24	5151	1085	131	2097
Coppock, Joseph A., Pinehurst, Ga. Railway-switch.	865,163	Sept. 3	604	170	130	184
Coradi, Gottlieb, Zurich, Switzerland. Planimeter for measuring the areas of leather, hides, &c.	861,268	July 30	4574	1248	129	1640
Corbell, Mary J., Murfreesboro, Ark. Cooking vessel.	846,010	Mar. 5	592	123	127	151
Corbell, Napoleon, Charlestown, Mass. Automatic gas lighter and extinguisher.	849,889	Apr. 9	2492	513-14	127	2259
Corbett, Addison B., Waldo, Wis. Combined tablet and pencil-box.	847,650	Mar. 19	3887	849	127	1042
Corbett, James H. (See Childs and Corbett.)						
Corbett, John G., assignor to Emmert Manufacturing Company, Waynesboro, Pa. Swiveled base.	854,984	May 28	5251	1094	128	1440
Corbett, Matthew. (See Burke, Benjamin F., assignor.)						
Corbett, William, Smiths Falls, Ontario, Canada. Metallic window-sill.	855,696	June 4	483	101	128	1819
Corbett, William H., Portland, Oreg. Logging-engine.	840,914	Jan. 8	2260	497	126	617
Corbett, William H., Portland, Oreg. Friction-clutch.	841,230	Jan. 15	2901	630	126	825
Corbett, William H., Portland, Oreg. Sheave-block.	869,422	Oct. 29	3487	957	130	2482
Corbin Cabinet Lock Company. (See Corbin, Wilbur R., assignor.)						
Corbin Cabinet Lock Company. (See Johnson, Charles E., assignor.) (Reissue.)						
Corbin Cabinet Lock Company. (See Townsend, Harry P., assignor.)						
Corbin Cabinet Lock Company. (See Townsend and Corbin, assignors.)						
Corbin Motor Vehicle Company. (See Manross, Arthur N., assignor.)						
Corbin Screw Corporation. (See Jones, Horace K., assignor.)						
Corbin Screw Corporation. (See Karmann, George, assignor.)						
Corbin, Wilbur R. (See Townsend and Corbin.)						
Corbin, Wilbur R., assignor to Corbin Cabinet Lock Company, New Britain, Conn. Center for locks.	857,031	June 18	3097	654	128	2550
Corbin, Wilbur R., assignor to Corbin Cabinet Lock Company, New Britain, Conn. Hinge.	875,242	Dec. 31	6003	1252	131	2255
Corblitt, Hebbert S., Ayden, N. C. Bicycle-propelling mechanism.	868,329	Oct. 15	1750	493-4	130	1889
Corboy, James M., Edgewood Park, Pa. Filing system.	853,864	May 14	3025	621	128	806
Corcoran, Cornelius J., <i>et al.</i> (See Mayo, Benjamin F., assignor.)						
Corcoran, John T., <i>et al.</i> (See Clawson, Charles F., assignor.)						
Corcoran, Michael J., York, Pa. Whiffletree-hook.	870,016	Nov. 5	228	61	131	80
Corcoran, Richard M., Cleveland, Ohio, assignor to Wipe-Joint Machine Company. Joint-former. (Reissue.)	12,703	Oct. 22	3145	868	130	2349
Cord, Octave, Montelimar, France. Type-writer.	874,661	Dec. 24	4826	1013	131	2041
Cordeau, Adolphe, Ste. Madeleine, Quebec, Canada. Lock.	873,212	Dec. 10	1878	394	131	1495
Cordeau, Gaston E., New York, N. Y., assignor to Hanson & Van Winkle Company, Newark, N. J. Bottle-pump.	849,772	Apr. 9	2260	464	127	2199
Cordero, Ramón F., Rubio, Venezuela. Drier.	844,252	Feb. 12	2773	590-2	126	2521
Cordero, Ramón F., Rubio, Venezuela. Coffee-separator.	844,253	Feb. 12	2777	592-3	126	2522
Cordero, Ramón F., Rubio-Tachira, Venezuela. Centrifugal separator.	867,800	Oct. 8	875	248	130	1602
Cordes, August W., New York, N. Y. Bottle-stopper.	846,909	Mar. 12	2401	528	127	640
Cordes, August W., New York, N. Y. Bottle-capping machine.	873,022	Dec. 10	1508	315-16	131	1434
Cordes, Charles J. T., Waldwick, N. J. Building-block mold.	869,828	Oct. 29	4126	1139-40	130	2674
Cordingley, Samuel, Pudsey, England. Carding-machine.	856,031	June 4	1126	236	128	1979
Cordley, Henry G., Glenridge, N. J. Water-cooler stand.	861,093	July 23	4284	1176	129	1506
Cordrey, John C., La Junta, Colo., and P. J. Brady, Harvey; said Brady assignor to G. S. Codling, Chicago, Ill. Trolley-wheel.	854,804	May 28	4889	1015	128	1346
Corell, John J. (See Bryant, Edward W., assignor.)						
Corey, Franklin A., Santa Paula, Cal. Fruit-cleaning apparatus.	848,350	Mar. 26	5293	1155	127	1422
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Air-brake system.	841,231	Jan. 15	2902	631	126	826
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Block-signal system.	845,220	Feb. 26	4971	1057	126	3144
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Motorman's valve.	845,335	Feb. 26	5205	1105	126	3201
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Block system.	850,733	Apr. 16	4073	851-2	127	2700

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Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Automatic train-stop.	851,800	Apr. 30	6202	1295	127	3305
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Automatic air-brake system and engineer's valve.	863,785	Aug. 20	2640	731	129	2971
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Semaphore-signal.	868,648	Oct. 22	2273	630	130	2078
Corey, Fred B., Schenectady, N. Y., assignor to General Electric Company. Pneumatically-operated gong.	873,725	Dec. 17	2908	617	131	1701
Corey, James A., Twickenham, England. Printing-plate holder.	843,002	Feb. 5	323	70	126	1871
Corey, James A., Twickenham, England. Catch-block or mounting-block for printing-surfaces.	859,202	July 9	1373	364	129	493
Cork, Pearl, and D. Naglee, Weston, W. Va. Combination wrench and pliers.	874,394	Dec. 24	4294	903	131	1954
Corlew, Charles C., Fresno, Cal. Hose-coupling.	855,232	May 28	5765	1200	128	1569
Corlew, Charles C., Fresno, assignor of one-half to L. A. Spencer, Oakland, Cal. Hose-coupling.	860,529	July 16	3386	930	129	1184
Corley, Clifton, Atlanta, Ga. Cotton-harvester.	858,371	July 2	15	6	129	7
Cornack, George, Jr., and F. C. Zumdahl, Rockford, Ill. Means for controlling the valves for explosive-engines.	846,730	Mar. 12	2030	446	127	546
Cornack, Maurice H., assignor to Standard Brake Company, New York, N. Y. Clutch for automobiles and other purposes.	857,032	June 18	3098	654	128	2550
Cormany, Walter, New York, N. Y. Machine for cutting fabrics.	860,530	July 16	3387	931	129	1184
Cormier, Donat S., Waltham, Mass. Square.	855,233	May 28	5766	1200	128	1570
Corn, Robert, New York, N. Y. Stick-pin retainer.	847,164	Mar. 12	2873	633	127	756
Cornell, Robert F., Philipsburg, Mont. Thill-coupling.	873,299	Dec. 10	2053	428-9	131	1524
Cornelson, John H., St. Louis, Mo. Adjustable knockdown screen.	845,162	Feb. 26	4851	1028-9	126	3114
Cornelson, John H., St. Louis, Mo. Swinging screen.	864,886	Sept. 3	194	54	130	60
Cornelson, Robert W., Bloomfield, N. J., assignor to H. B. Wiggin's Sons Company. Composition of water-colors.	854,332	May 21	3964	.....	128	1087
Cornelius, Antone M., Chicago, Ill., and W. V. Champlin, Rochester, N. Y., assignors to Cornelius, Louis A., Grand Rapids, Mich. Trap.	869,625	Oct. 29	3820	1045	130	2584
Abet Manufacturing Company, Chicago, Ill. Electric-lighting device.	851,403	Apr. 23	5400	1131	127	3073
Cornell, Alton, and W. J. Swartz, Detroit, Mich. Cooling explosive-engines.	841,312	Jan. 15	3070	665	126	868
Cornell, Evan W., Adrian, Mich. Wire-fence construction.	840,113	Jan. 1	636	138	126	168
Cornell, Evan W., Adrian, Mich., assignor of one-half to F. H. Knapp, Chicago, Ill. Gas-lamp.	873,663	Dec. 10	2753	584	131	1646
Cornell, John M., Philipstown, N. Y. Overhanging device for centrifugal machines.	860,730	July 23	3717	1018	129	1326
Cornell, Olive D., New York, N. Y. Bust reducer and supporter.	870,226	Nov. 5	558	150	131	183
Cornell, Oliver H. P., Atlanta, Ga., assignor of one-half to C. H. Blair and H. G. Ogden, Jr., New York, N. Y. Cotton-picker.	844,331	Feb. 19	2960	631-2	126	2606
Cornell, William N., Massena, N. Y. Apparatus for making imitation wood.	854,149	May 21	3629	750	128	995
Cornely, Robert, Paris, France. Sewing and embroidering machine.	852,598	May 7	457	84	128	121
Cornilleau, Gustave, Paris, France. Power-transmission mechanism.	860,082	July 16	2733	745	129	968
Cornilleau, Gustave, Paris, France. Explosive-engine.	862,448	Aug. 6	575	152	129	2269
Cornilleau, Gustave, and A. Sainte-Beuve, Paris, France. Change-speed gear for motor-vehicles.	857,033	June 18	3101	654	128	2551
Corning, Charles F. (See Berkley, Henry J., assignor.)						
Corning Glass Works. (See Churchill, William, assignor.)						
Cornish, Harry B., Minneapolis, assignor of one-half to P. Peterson, Glenwood, Minn. Carbureter.	871,480	Nov. 19	2817	709-9	131	826
Cornish, Harry S., New York, N. Y., assignor to New York Liquid Dispensing Machine Company. Means for preventing waste in dispensing liquids.	849,462	Apr. 9	1668	338	127	2052
Corns, Phillip H., Delphos, Ohio. Oil-can pump.	856,624	June 11	2348	483	128	2323
Cornwall, Clement A., Ashcroft, British Columbia, Canada. Gramophone speed-indicator.	839,920	Jan. 1	242	52	126	67
Cornwall, George R., Rye, N. Y. Printing-press.	857,331	June 18	3663	775-6	128	2694
Cornwall, George R., Rye, assignor to American Planograph Company, New York, N. Y. Repairing transfer-surfaces for receiving printing impressions.	852,706	May 7	673	131	128	176
Cornwall, John B., assignor to Barnard and Leas Manufacturing Company, Moline, Ill. Shaking-screen, &c.	843,442	Feb. 5	1188	249-50	126	2088
Corporation of Chemical Works formerly Sandoz. (See Böniger, Melchior, assignor.)						
Corporation Trust Company, trustee. (See Schofield, Albert B., assignor.)						
Correy, Robert M., Rochester, N. Y. Machine for straightening shafting.	856,625	June 11	2350	483	128	2323
Corrigan, Hamlet, Pittston, assignor of two-thirds to C. F. Curry and M. H. Keating, Pittsburg, Pa. Third-rail-protecting mechanism for electric railways.	849,773	Apr. 9	2261	465	127	2200
Corry, William, New York, N. Y., assignor to Chrome Steel Works, Chrome, N. J. Supporting and locking mechanism for safe-doors.	862,236	Aug. 6	205	57	129	2147
Corsbie, John B., Julian, N. C. Combined fertilizer-distributor and plow.	840,437	Jan. 1	1311	289	126	343
Corsensky, Rubin, Philadelphia, Pa. Dress-form.	872,406	Dec. 3	179	35-6	131	1196
Corson, Theodore A., Portland, Ark. Car-door.	870,417	Nov. 5	868	231-2	131	285
Corthell, William M., assignor to Merritt Corthell Co., Chicago, Ill. Advertising device.	862,864	Aug. 6	1251	339	129	2467
Corthésy, Jules H., assignor of one-half to G. F. Griffin, London, England. Turbine.	865,164	Sept. 3	605	170-1	130	184
Cortner, William A. (See McCormick and Cortner.)						
Cortright Louis H., St. John, New Brunswick, Canada. Non-refillable bottle.	864,156	Aug. 27	3204	887-8	129	3172
Corum, William F., Alexandria, Minn. Bag-tie.	841,630	Jan. 15	3672	797	126	1024
Corwin, Elmer R., Chicago, Ill. Telephone system.	845,056	Feb. 26	4640	987	126	3057
Corwin, Frank H., Riverhead, N. Y. Display-rack.	867,801	Oct. 8	877	249	130	1602
Corwin, Richard F., Grand Rapids, Mich. Vehicle-wheel.	871,481	Nov. 19	2819	709	131	827
Cory, Charles, <i>et al.</i> (See Wood, Frank W., assignor.)						
Cory, Charles E., Watertown, N. Y. Stair-templet.	866,111	Sept. 17	2127	592	130	726
Cory, Frank M., assignor to World Construction Company, Chicago, Ill. Amusement apparatus.	862,311	Aug. 6	340	94	129	2188
Cory, Harvey. (See Martin and Cory.)						
Cory, John C., New York, N. Y. Golf-ball marker.	849,600	Apr. 9	1957	401	127	2121
Cory, John C., New York, N. Y. Apparatus for dispensing beverages.	862,312	Aug. 6	340	95	129	2188
Cory, John M., <i>et al.</i> (See Wood, Frank W., assignor.)						
Cory, Randolph P., assignor of forty-nine one-hundredths to J. Baron, St. Louis, Mo. Choke attachment for guns.	847,911	Mar. 19	4429	972	127	1170
Cosey, Henry M., assignor of one-half to S. Wetzel, Sterling, Ill. Music holder and turner.	853,577	July 2	359	92	129	128
Cosgrove, Joseph J., Scranton, assignor to Standard Sanitary Manufacturing Company, Pittsburg, Pa. Water-closet connection.	870,017	Nov. 5	229	62	131	80
Cosgrove, Joseph J., Scranton, assignor to Standard Sanitary Manufacturing Company, Pittsburg, Pa. Water-closet connection.	870,018	Nov. 5	230	62	131	81
Cosgrove, Joseph J., Scranton, assignor to Standard Sanitary Manufacturing Company, Pittsburg, Pa. Water-closet connection.	870,085	Nov. 5	327	92	131	109
Cosgrove, Robert H., Spokane, Wash. Entry-tag.	874,835	Dec. 24	5152	1085	131	2097
Coslett, Thomas W., Birmingham, England. Treatment of iron or steel for preventing oxidation or rusting.	870,937	Nov. 12	1713	131	585

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Cosmos Construction Company. (See Lamson, Franklin S., assignor.)						
Cosper, James M., assignor of two-thirds to J. S. Acton, Brighton, Ala., and M. E. Connor, Milwaukee, Wis. Balanced valve for engines.....	848,536	Mar. 26	5632	1233	127	1505
Cosper, Leslie G. (See Griffith and Cosper.)						
Cosper, William P., Chicago, Ill. Water-heater.....	867,480	Oct. 1	374	108-9	130	1428
Cossairt, Charles G., Paradise, Kans. Automatic brake.....	843,134	Feb. 5	603	128	126	1948
Cosset, Marcel, Paris, France. Elastic wheel.....	848,971	Apr. 2	726	147	127	1773
Cossitt, Franklin M., assignor to Anthony & Scovill Company, Binghamton, N. Y. Coating nitrocellulose films.....	864,123	Aug. 20	3144	870	129	3126
Costa, Enos S., Quincy, Mass. Self-tightening tool-holder and tool.....	843,931	Feb. 12	2154	460	126	2368
Costello, Charles M. A., and F. H. Hart, assignors to C Cowles & Co., New Haven, Conn. Electric signal for speaking-tubes.....	841,377	Jan. 15	3201	690	126	903
Costello, George J. (See Moore and Costello.)						
Costello, John, Providence, R. I. Chain-clasp.....	848,972	Apr. 2	728	147	127	1773
Costello, John, Providence, R. I. Foot-press.....	862,611	Aug. 6	861	230	129	2351
Costello, Maurice, Dayton, Ohio. Bottle-wrapper machine.....	850,467	Apr. 16	3552	744	127	2569
Costello, Thomas J., Youngstown, Ohio. Continuous annealing and bluing furnace.....	844,101	Feb. 12	2465	528	126	2441
Coster, Henry J., and N. R. Dike, Meeniyah, Victoria, Australia. Intermixer for miscible liquids.....	864,516	Aug. 27	3766	1046	129	3352
Coster, Henry P., Shabbona, Ill. Automatic cut-off.....	872,170	Nov. 26	4264	1017-18	131	1083
Costikyan, Nazar. (See Whitmore, Fred A., assignor.)						
Coston, James B., Fordyce, Ark. Car-door.....	859,049	July 2	1145	306	129	389
Côté, George M., Pittsburg, Pa. Railway-tie.....	859,203	July 9	1374	364	129	493
Côté, George M., Pittsburg, Pa. Rail-support.....	860,731	July 23	3718	1018	129	1324
Côté, Henry, West Warren, assignor to Draper Company, Hopedale, Mass. Warp-stop-motion mechanism.....	853,163	May 7	1580	329	128	399
Cotes, Byron S., <i>et al.</i> (See Clark, Frank M., assignor.)						
Cotthran, Grove, Chicago, Ill., assignor to Chicago Title and Trust Company, trustee. Generating gas.....	847,733	Mar. 19	4052	885-6	127	1081
Cotter, Cornelius J., Buffalo, N. Y. Spring-insole for shoes.....	855,163	May 28	5641	1173	128	1538
Cotter, Frank P., Augusta, Ga. Check-valve.....	865,631	Sept. 10	1372	389	130	449
Cottingham, George T. (See Gardner, Archibald M., assignor.)						
Cotton, Albert, Chillicothe, Iowa. Cross-tie construction.....	861,269	July 30	4576	1249	129	1640
Cotton, Alfred, Newark, N. J. Jet-blower.....	871,208	Nov. 19	2204	584	131	734
Cotton, Alfred, Newark, N. J. Jet blowing apparatus.....	871,209	Nov. 19	2207	584-5	131	735
Cotton, Charles E., assignor of one-half to L. G. Van Liew, Bellaire, Mich. Hydrant or fire-plug.....	848,014	Mar. 26	4676	1019	127	1268
Cotton, Frank, Hornsby, New South Wales, Australia. Apparatus for burning liquid fuel in conjunction with steam.....	844,004	Feb. 12	2282	489	126	2398
Cotton, Howard W., Rochester, N. Y., assignor, by mesne assignments, to Quincy, Manchester, Sargent Company, Chicago, Ill. Sawing-machine.....	867,643	Oct. 8	639	180	130	1529
Cotton, Walter H., Chicago, Ill., assignor to Adams & Westlake Company. Pole-changer.....	868,968	Oct. 22	2772	764	130	2233
Cottrell, Albert W., assignor of one-half to M. A. Moore, Douglas, Ariz. Ter. Rotary engine.....	859,744	July 9	2195	594	129	764
Cottrell, Charles W., Washougal, Wash. Combined measuring, winding, and weighing machine.....	854,467	May 21	4223	874	128	1151
Cottrell, Edgar H., Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Machinery for cutting and folding paper and other material.....	856,571	June 11	2240	400	128	2295
Cottrell, Frederick G., Berkeley, assignor of one-half to H. E. Miller, Oakland, Cal. Manufacture of sulfuric acid.....	866,843	Sept. 24	3205	901	130	1101
Cottrell, Frederick G., Berkeley, assignor of one-half to H. E. Miller, Oakland, Cal. Apparatus for separating sulfuric acid.....	866,844	Sept. 24	3207	902	130	1101
Cottrell, Henry W. (See Rountree, Henry W., assignor.)						
Cottrell, Herbert, Newark, assignor to Irvington Manufacturing Company, Irvington, N. J. Staple-puller and fence-maker's tool.....	845,857	Mar. 5	243	49	127	62
Cottrell, James F., Rochester, N. Y. Lubricator for trolley-wheels.....	853,771	May 14	2836	583	128	763
Cottrell, Phoebe R., Tigerton, Wis. Cleaning implement.....	875,412	Dec. 31	6341	3121-2	131	2308
Cottrell, William C., Asbury Park, N. J. Reinforced concrete jetty.....	867,802	Oct. 8	873	249	130	1603
Couch, Edward D., Scotts Crossroads, Va. Water elevating and delivering apparatus.....	846,284	Mar. 5	1121	244	127	284
Couch, Samuel H. (See Henry, William W., assignor.)						
Couch, Samuel H., assignor to Superior Automatic Telephone Company, Boston, Mass. Telephone-service apparatus.....	846,827	Mar. 12	2236	490	127	598
Couch & Seely Company. (See Galbraith, George J., assignor.)						
Coughlin, Joseph D., assignor to F. McGrath, Boston, Mass. Device for wrapping packages.....	871,985	Nov. 26	3876	937	131	1022
Coughtry, William L., Slingerlands, N. Y. Discharging-door for dumping-cars and other receptacles.....	848,159	Mar. 26	4905	1071-2	127	1326
Coullard, Webster J., <i>et al.</i> (See Coar, Charles H., assignor.)						
Coullery, Henri, La Chaux-de-Fonds, Switzerland. Escapement mechanism for time-pieces.....	867,015	Sept. 24	3470	983	130	1184
Coult, Joseph H., assignor to Houghtaling-Coult Manufacturing Company, Fairmont, Minn. Grass-catcher.....	869,349	Oct. 29	3371	927	130	2445
Coulter, Charles J., Longmont, Colo. Combined machine-wrench and clamp.....	871,482	Nov. 19	2820	709	131	827
Coulter, Frank E., Omaha, Nebr. Dummy book for library-shelves.....	861,020	July 23	4187	1147	129	1475
Coulter, Frank E., Omaha, Nebr. Garment-supporter.....	873,726	Dec. 17	2910	617	131	1701
Coulter, Henry P., Philadelphia, Pa. Pin.....	864,447	Aug. 27	3643	1013	129	3312
Coulter, John N. (See Botkin, Henry L., assignor.)						
Coulter, John R. (See O'Brian and Coulter.)						
Coulter, John T., Oxford township, Johnson county, Kans. Shocking attachment for binders.....	865,870	Sept. 10	1748	487-8	130	578
Coutrlap, Jesse. (See England, James C., assignor.)						
Counselman, Phillip W., Toledo, Ohio. Emergency-brake for railway-cars.....	847,319	Mar. 19	3194	702	127	863
Counter, Frederick W. (See Roberts, Elijah J., assignor.)						
Coup, Albert A. (See Armstrong and Coup.)						
Couplers Accommodator Co. (See Piper, Edward D., assignor.)						
Coursey, William H. (See Hudson, Parks, and Coursey.)						
Courson, John F., Pitsaun, Pa. Draft-gearing for railway-cars.....	873,843	Dec. 17	3154	672	131	1741
Court, Alva B., U. S. Navy. Non-refillable bottle.....	852,260	Apr. 30	7139	1495	127	3542
Court, Nancy M., Longbeach, Cal. Means to press creases in trousers.....	867,912	Oct. 8	1060	300	130	1656
Courtenay, Patrick J., Philadelphia, Pa. Latch-bolt.....	862,612	Aug. 6	862	230	129	2351
Courter, John R., Montclair, N. J. Mold for concrete blocks.....	857,159	June 18	3344	706	128	2612
Courtine, Benjamin F. A., Maisons-Alfort, France. Machine for manufacturing and bundling vermicelli and the like.....	843,932	Feb. 12	2156	460-1	126	2368
Courtney, Dana S., Chicopee, Mass. Bobbin-slotting machine.....	875,327	Dec. 31	6173	1287	131	2280
Courtney, Dana S., Chicopee, Mass. Woodworking machine.....	875,328	Dec. 31	6177	1287	131	2280
Courtney, Edmund, and P. Bornhorn, Covington, Ky. Horseshoe-calk.....	873,119	Dec. 10	1706	356	131	1467
Courtnev, John N., Salt Lake City, Utah. Combination voice-extension attachment.....	861,436	July 30	4867	1334	129	1729

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Courtney, Patrick J., Elizabeth, N. J. Masonry-tool.....	853,164	May 7	1581	329	128	399
Courtney, Robert H., Jr., Louisville, Ky. Megaphone attachment for steam-whistles.....	844,254	Feb. 12	2778	593	126	2523
Courtney, Sarah C., Fairmont, W. Va., assignor of one-half to A. Hurford, Canton, Ohio. Dust-pan.....	873,213	Dec. 10	1880	394	131	1495
Courtright, Christopher J., Marlboro, N. J. Railway-alarm.....	849,107	Apr. 2	1002	202-3	127	1844
Courtright, John E., Independence, Kans. Weed-cutter, cultivator, and pulverizer.....	863,023	Aug. 13	1485	404	129	2577
Courtright, John E., Independence, Kans. Cultivator and pulverizer.....	863,024	Aug. 13	1487	404	129	2577
Courville, Joseph, Detroit, Mich. Pneumatic piano-player.....	866,336	Sept. 17	2454	684	130	828
Cousans, Louis B. (See Cousans, Reginald A. and L. B.)						
Cousans, Louis B., Lincoln, England. Starter for blowers.....	855,046	May 28	5392	1120	128	1476
Cousans, Louis B., Lincoln, England. Air-compressor.....	855,697	June 4	484	101	128	1819
Cousans, Louis B., Lincoln, England. Centrifugal fan.....	873,923	Dec. 17	3290	703-4	131	1766
Cousans, Reginald A. and L. B., Lincoln, England. Air-compressor.....	852,541	May 7	328	59	128	90
Cousino, George, assignor of one-half to R. W. G. Bartlett, Toledo, Ohio. Scribe-gage.....	854,333	May 21	3965	819	128	1087
Cousins Incubator Company. (See Cousins, Jason L., assignor.)						
Cousins, Jason L., assignor to Cousins Incubator Company, Warren, Pa. Incubator.....	850,523	Apr. 16	3668	768	127	2598
Cousins, Joseph J., New York, N. Y. Rail-joint.....	843,135	Feb. 5	604	128	126	1949
Coutant, George E., Springfield, Ill., assignor of one-half to S. A. King, Peru, Ind. Pop safety-valve.....	849,532	Apr. 9	1837	372	127	2093
Coutinho, João M. D., assignor to Companhia Manufactura Fluminense, Rio de Janeiro, Brazil. Printing-machine for all kinds of cloths or paper.....	853,159	May 7	1574	327	128	398
Coutts, James R., Toronto, Ontario, Canada, assignor of one-half to C. A. Eaton, Cleveland, Ohio. Generating gas.....	852,930	May 7	1150	237	128	293
Coutts, John L., Colton, S. D. Belt thrower and guide.....	851,652	Apr. 30	5913	1236	127	3229
Couture, Eusebe P., Knightsen, Cal. Current-motor.....	855,164	May 28	5642	1173	128	1539
Couture, Romain, Somersworth, N. H. Carding-machine cleaner.....	840,476	Jan. 8	1393	308	126	402
Cove, George H., Roxbury, assignor of one-half to F. R. Kimball, Boston, Mass. Battery binding-post attachment.....	842,771	Jan. 29	6110	1289	126	1702
Cove, George H., Roxbury, assignor of one-half to F. R. Kimball, Boston, Mass. Alternating-current generator.....	870,938	Nov. 12	1714	469	131	586
Cove, George H., Roxbury, assignor of three-fourths to F. R. Kimball and H. V. Hayward, Boston, Mass. Battery binding-post.....	840,915	Jan. 8	2262	497	126	618
Covell, Samuel B. W., Pawtucket, R. I. Expansive chain.....	863,836	Aug. 20	2717	748	129	2996
Coventry, Edwin D., and J. W. Archer, Buffalo, N. Y. Device for holding clothes-line poles.....	849,054	Apr. 2	882	180	127	1812
Coventry, Theodore, Salford, England. Bevel-wheel-shaping machine.....	868,159	Oct. 15	1468	413	130	1805
Cover, Harvey S., South Bend, Ind. Eye guard or shield.....	845,696	Feb. 26	5911	1248	126	3376
Cover, Harvey S., South Bend, Ind. Eye-guard.....	850,997	Apr. 23	4576	959	127	2866
Cover, Harvey S., South Bend, Ind. Eye-guard.....	861,504	July 30	4946	1359	129	1754
Cover, John W., Tacoma, Wash. Pencil-sharpener.....	841,631	Jan. 15	3673	797	126	1024
Covert, Edward, La Prairie, Ill. Poultry-picking device.....	873,844	Dec. 17	3156	672	131	1741
Covert, Fred W., assignor to Covert Manufacturing Company, Watervliet, N. Y. Clamping-anvil.....	863,511	Aug. 13	2225	601	129	2809
Covert, Henry W., Waterford, N. Y. Sash-holder.....	872,906	Dec. 3	1240	264	131	1361
Covert, John, Valparaiso, Ind. Corn-husker.....	847,734	Mar. 19	4058	886	127	1082
Covert Manufacturing Company. (See Baxter, John B., assignor.)						
Covert Manufacturing Company. (See Covert, Fred W., assignor.)						
Covey, William O., Appleton City, Mo. Mail-carrier's cart.....	849,660	Apr. 9	2065	424	127	2149
Covington Door Jamb Company. (See Abraham, Enoch H., assignor.)						
Covington Machine Company. (See Abraham, Enoch H., assignor.)						
Cowan, Duncan A., Toledo, Ohio. Corner-clamp for plate-glass structures.....	850,348	Apr. 16	3334	695	127	2513
Cowan, Harry, Hagerman, N. Mex. Ter. Handle for tool-chests.....	869,423	Oct. 29	3488	957	130	2482
Coward, Harry. (See Gamston and Coward.)						
Cowart, Stephen A., Midlothian, Tex. Cultivator-hopple.....	840,438	Jan. 1	1313	289-90	126	343
Cowart, Stephen A., Midlothian, Tex. Cotton-chopper.....	840,439	Jan. 1	1314	290-1	126	343
Cowdrey, Charles F. and H. E., Fitchburg, Mass. Projectile and fuse-plug therefor.....	843,665	Feb. 12	1657	351	126	2243
Cowdrey, Henry E. (See Cowdrey, Charles F. and H. E.)						
Cowee, William H., Hackensack, assignor to Underwood & Underwood, Arlington, N. J. Postal souvenir-folder.....	849,726	Apr. 9	2174	447	127	2175
Cowell, Albert G., Kidderminster, England. Loom for weaving pile fabrics.....	865,332	Sept. 3	878	252	130	266
Cowell, John J., Newark, N. J. Double-acting hinge.....	867,913	Oct. 8	1061	300	130	1656
Cowell, William H., Cleveland, Ohio. Socket-piece for wrenches.....	851,068	Apr. 23	4709	991	127	2901
Cowell, William H., Cleveland, Ohio. Ratchet-tool.....	851,120	Apr. 23	4799	1010	127	2921
Cowen, Henry K., Chicago, Ill., assignor to International Harvester Company. Gas-producer.....	841,123	Jan. 15	2705	591	126	777
Cowen, Henry K., Chicago, Ill., assignor to International Harvester Company. Gas-producer.....	845,163	Feb. 26	4852	1029	126	3114
Cowen, Louis, Philadelphia, Pa. Umbrella.....	849,833	Apr. 9	2373	486	127	2228
Cowen, Lyle L., Aitkin, Minn. Rail-tie.....	856,032	June 4	1127	236	128	1979
Cowham, William F. (See Normandin, Levy P., assignor.) (Reissue.)						
Cowie, James, assignor, by mesne assignments, to National Gas Saving Company, Chicago, Ill. Gas-saving or pressure-equalizing valve.....	858,442	July 2	120	33	129	40
Cowles, Alfred A., New York, N. Y. Bottle-closure.....	841,668	Jan. 22	3753	815	126	1076
Cowles, Burton S., Plainville, assignor, by mesne assignments, to National Engineering Co., New Haven, Conn. Bending cast-iron.....	857,983	June 25	4981	1053	128	3057
Cowles, Edward P., Warren, Ohio. Variable-speed gearing.....	870,715	Nov. 12	1333	364-5	131	469
Cowles, William B., assignor to Long Arm System Company, Cleveland, Ohio. Bulkhead-door hatch, or other barrier.....	847,165	Mar. 12	2875	633-5	127	757
Cowles, William H., et al. (See Williams, Charles, assignor.)						
Cowley, James T., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Conveying apparatus.....	863,590	Aug. 20	2351	642	129	2877
Cowley, James T., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Conveying apparatus.....	866,264	Sept. 17	2341	652	130	792
Cowley, James T., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Conveying apparatus.....	866,337	Sept. 17	2455	685	130	828
Cowley, James T., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Conveying apparatus.....	866,338	Sept. 17	2458	686	130	829
Cowley, James T., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Conveying apparatus.....	869,295	Oct. 29	3277	902-3	130	2417
Cowley, James T., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Conveying apparatus.....	869,296	Oct. 29	3280	903-4	130	2419
Cowley, James T., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Conveying apparatus.....	869,350	Oct. 29	3374	927-8	130	2447
Cowley, James T., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Conveying apparatus.....	869,351	Oct. 29	3375	928-9	130	2447

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Cowper-Coles, Sherard O., London, England. Electrodeposition of copper and other metals.	873,508	Dec. 10	2459	518	131	1595
Cox, Albert T., Atlanta, Ga. Collar ironing and shaping machine.	861,240	July 23	4508	1234	129	1581
Cox and Brother, George S. (See Cox, George S., assignor.)						
Cox, Alvin L., Madison, Mo. Load-binder.	839,990	Jan. 1	376	82	126	102
Cox, Alvin L., Madison, Mo. Load-binder.	839,991	Jan. 1	376	82	126	103
Cox, Alvin L., Madison, Mo. Load-binder.	851,866	Apr. 30	6353	1325	127	3345
Cox, Alvin L., Madison, Mo. Load-binder.	851,867	Apr. 30	6355	1325	127	3345
Cox, Arthur M. (See Cox, Walter M. and A. M.)						
Cox Brothers, Firm of. (See Winder, Samuel E., assignor.)						
Cox, Charles F., Bridgeton, N. J. Manufacture of hollow glassware.	851,163	Apr. 23	4901	1031-2	127	2948
Cox, Charles F., Bridgeton, N. J. Glass-melting furnace.	854,273	May 21	3866	798	128	1060
Cox, Frank P., Lynn, Mass., assignor to General Electric Company. Prepayment-meter.	867,481	Oct. 1	376	109	130	1429
Cox, Frank P., and A. A. Ball, Lynn, Mass., assignors to General Electric Company, Schenectady, N. Y. Prepayment-meter.	859,284	July 9	1495	399	129	535
Cox, Frederick J., London, England. Carbureter.	863,154	Aug. 13	1704	458	129	2646
Cox, George S., Fitzwatertown, Pa., assignor to G. S. Cox and Brother. Lady's collar and cuff.	868,846	Oct. 22	2591	714	130	2176
Cox, Harry W. (See Kennedy-McGregor and Wren, assignors.)						
Cox, Howard, Abraham, Utah. Steam-generator.	869,829	Oct. 29	4128	1140	130	2674
Cox, Howard M., administrator. (See Hill, Charles S.)						
Cox, J. S., et al. (See Morgan, Robert, assignor.)						
Cox, James F., Jersey City, N. J. Pipe-bending machine.	873,023	Dec. 10	1512	316	131	1434
Cox, James L., Scottsville, N. Y. Latch-fastener.	849,207	Dec. 2	1195	242	127	1894
Cox, John T., Moorestown, N. J. Tumbler-closure.	866,436	Sept. 17	2592	724	130	874
Cox, Joseph. (See Reed, James W., assignor.)						
Cox, Millard F., Richmond, Va. Throttle-valve.	842,448	Jan. 29	5409	1148	126	1532
Cox Multi-Mailer Company. (See Cox, Sandford C., assignor.)						
Cox, Paul F., Battle Creek, Mich. Cake-soap holder.	847,279	Mar. 12	3107	685	127	814
Cox, Paul F., Battle Creek, Mich. Printing-press.	847,912	Mar. 19	4430	972-3	127	1170
Cox, Paul F., Battle Creek, Mich. Printing-press.	847,913	Mar. 19	4437	973	127	1172
Cox, Paul F., Battle Creek, Mich. Soap holding or retaining device.	849,978	Apr. 9	2634	550	127	2293
Cox, Robert W., and J. H. Ontrich, Washington, D. C. Pocket check-punch.	854,630	May 21	4515	942	128	1222
Cox, Roy A., Elwood, Nebr. Supporting-frame for canopies, awnings, &c.	869,061	Oct. 22	2918	804	130	2279
Cox, Sandford C., Chicago, Ill., assignor to Cox Multi-Mailer Co., Sioux Falls, S. D. Galley for addressing-machines.	855,097	May 28	5513	1144	128	1506
Cox, Sandford C., Rock Rapids, Iowa, assignor, by mesne assignments, to Cox Multi-Mailer Company, Augusta, Me. Addressing-machine.	870,418	Nov. 5	869	232-4	131	286
Cox, Stewart F., Sallisaw, Ind. Ter. Combined sounder and resonator.	845,858	Mar. 5	243	49-50	127	63
Cox, Thomas, Jr. (See Perkins and Cox.)						
Cox, Thomas H., Newark, N. J. Calendar and holder therefor.	865,871	Sept. 10	1751	488	130	578
Cox, Troy, et al. (See Phipps Moses L., assignor.)						
Cox, Walter, Provo, Utah. Antirattler thill-coupling.	843,736	Feb. 12	1783	380	126	2275
Cox, Walter M. and A. M., Cynthiana, Ky. Automatic whistle.	849,661	Apr. 9	2067	424	127	2150
Cox, Walter W. (See Blass, Haeblen, and Cox.)						
Cox, Warren R., assignor to G. R. Blackburn, Cleveland, Ohio. Clamp for ground-wire electrical connections.	846,400	Mar. 5	1356	298	127	343
Cox, William, London, England. Dripless spout for teapots, &c.	843,443	Feb. 5	1190	250	126	2089
Cox, William, Hamilton, Ontario, Canada. Disintegrator.	861,437	July 30	4868	1334	129	1729
Cox, William M., Belleville, Ill. Lifting-jack.	870,939	Nov. 12	1716	469	131	586
Coy, Frederick W., Boston, assignor to C. F. Brown, trustee, Reading, Mass. Adjustable structure.	860,531	July 16	3388	931	129	1184
Coy, Ira B., Beaver Creek township, Greene county, Ohio. Bottle-stopple.	864,361	Aug. 27	3508	974	129	3267
Coy, Reuben D., Glencoe, Ill. Rotary web-printing machine.	863,591	Aug. 20	2352	642-4	129	2877
Coykendall, Horatio G., San Jose, Cal. Driving and steering mechanism for motor-vehicles.	849,662	Apr. 9	2069	425	127	2150
Coyle, Mark F., Corry, Pa. Slow-closing valve.	859,371	July 9	1647	438	129	586
Coyle, William, Devonport, assignor of part interest to H. Gentles and J. M. Morran, Auckland, New Zealand. Automatic safety-pin.	853,865	May 14	3027	621	128	807
Coyne, William. (See Arnold, Charles E., assignor.)						
Coyner, Robert G., Chicago, Ill. Means for propelling cars.	862,237	Aug. 6	207	58	129	2147
Cozins, William W., Hadley, Pa. Gas-burner.	848,444	Mar. 26	5474	1193	127	1468
Cozzens, Fred H. (See Auld, Fredrick H., assignor.)						
Crab, Henry. (See Sharp, Abel B., assignor.)						
Crabb, Alfred P., London, England. Metal receptacle for holding liquids.	856,513	June 11	2117	435	128	2264
Crabb, George L., Champaign, Ill. Sign.	856,227	June 11	1506	317	128	2108
Crabbs, George D., Hartwell, and W. H. Pendery, assignors to Philip Carey Manufacturing Company, Lockland, Ohio. Ready-made roofing.	855,757	June 4	611	125	128	1852
Crabill, Joseph R., Carthage, Ill. Variable friction-gear.	841,850	Jan. 22	4146	893	126	1180
Craddock, Edward S., assignor to J. Boyajian, New York, N. Y. Apparatus for renovating, finishing, and smoothing rugs.	847,651	Mar. 19	3888	850	127	1043
Craft, Edward B. (See Holmes and Craft.)						
Craft, Edward B. (See McBerty and Craft.)						
Craft, Edward B., assignor to Western Electric Company, Chicago, Ill. Switchboard-cord reel.	840,200	Jan. 1	829	182	126	221
Craft, Edward B., assignor to Western Electric Company, Chicago, Ill. Adjusting device for relays.	847,555	Mar. 19	3671	810	127	988
Craft, Edward B., assignor to Western Electric Company, Chicago, Ill. Locking device for containing-cases.	851,868	Apr. 30	6356	1325	127	3345
Craft, Edward B., assignor to Western Electric Company, Chicago, Ill. Hook-switch.	862,449	Aug. 6	577	153	129	2270
Craft, Edward B., Wilmette, assignor to Western Electric Company, Chicago, Ill. Coin-collector.	867,707	Oct. 8	726	202-4	130	1556
Crafts, George C., et al. (See Murray, John C., assignor.)						
Crafts, James M., Boston, Mass. Gear-shifting device.	865,569	Sept. 10	1278	362	130	418
Crafts, James M., Boston, Mass. Gear-shifting device.	865,570	Sept. 10	1280	362	130	418
Cragg, Slade E., et al. (See Sappington, Paul, assignor.)						
Craghead, William H., Brigham, Utah. Ice-cutting machine.	854,631	May 21	4516	943	128	1222
Cragin, Irving F. (See Bosche, John W., assignor.)						
Crago, Felix H., Livingston, Mont. Trap-adjuster.	860,639	July 23	3586	983	129	1283
Craig, Alvin, M., New Haven, Conn., assignor to Royal Glass Jar and Bottle Company, New York, N. Y. Jar or bottle closure.	855,503	June 4	117	24	128	1723
Craig, Archibald F. M. (See Felroth, Erick O., assignor.)						
Craig, David, Canton, Ohio. Tool-holder.	852,931	May 7	1153	237	128	293
Craig, David, Melrose, Mass. Horticultural implement.	864,953	Sept. 3	301	79	130	96
Craig, Dickey W., Sioux Falls, S. D. Shoe-polishing stand.	864,954	Sept. 3	302	80	130	97

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Craig, Edward, St. Joseph, Mo., assignor to W. P. Healy, Chicago, Ill. Box-blank machine.	864,955	Sept. 3	304	80-2	130	97
Craig, James H., <i>et al.</i> (See Fuller and Cartter, assignors.)						
Craig, James R. (See Johnson, Peter B., assignor)						
Craig, John, San Francisco, Cal. Ship's plate.	851,069	Apr. 23	4710	991	127	2901
Craig, William D., <i>et al.</i> (See Stanley, George W., assignor.)						
Craig, William D., Kansas City, Mo. Excelsior-cutting machine.	848,584	Apr. 2	580	116	127	1737
Craig, William D., Kansas City, Mo. Wood product.	860,853	July 23	3902	1070	129	1384
Craig, William H., <i>et al.</i> (See Seiler, Philipp, assignor.)						
Crain, Frank E., Providence, R. I., assignor to Bates & Bacon, Attleboro, Mass. Bracelet.	843,195	Feb. 5	739	152	126	1982
Crain, John W., Winchester, Ky. Carriage-machine.	845,697	Feb. 26	5912	1248-9	126	3376
Crain, Nancy P., Sweet Springs, Mo. Broom-holder.	861,814	July 30	5437	1497	129	1903
Crain, Rolla L., Ottawa, Ontario, Canada. Treating sheets of paper to increase their flexibility.	845,761	Mar. 5	57	11	127	18
Crain, Rolla L., Ottawa, Ontario, Canada. Machine for forming flexible bands across sheets of paper.	846,011	Mar. 5	593	124	127	151
Crain, Zardis, assignor of one-half to D. Bower and A. J. Woodard, Murphysboro, Ill. Book-holder for adding-machines.	846,012	Mar. 5	597	124-5	127	153
Cram, Alonzo W., Haverhill, Mass. Beater or mixer.	844,499	Feb. 19	3293	710	126	2689
Cram, Alonzo W., Haverhill, Mass. Tea-kettle.	844,780	Feb. 19	4119	877	126	2888
Cram, Edwin B., Brooklyn, N. Y., assignor to New York Adding Typewriter Company, Orange, N. J. Paper-feeding mechanism.	847,166	Mar. 12	2884	635	127	759
Cram, Edwin B., Brooklyn, N. Y., assignor to New York Adding Typewriter Company, Orange, N. J. Type-writer carriage.	849,055	Apr. 2	883	180-1	127	1813
Cram, Edwin B., assignor to Cram Writing Machine Company, St. Louis, Mo. Type-writing attachment for adding-machines.	853,297	May 14	1885	390-4	128	513
Cram, Edwin B., assignor to Cram Writing Machine Company, St. Louis, Mo. Type-writing attachment for adding-machines.	853,298	May 14	1899	394-5	128	519
Cram, Frederick A., Old Orchard, Me. Hand-stamp.	864,082	Aug. 20	3075	849	129	3104
Cram, George A., Randolph, Wis. Vegetable and fruit picker table.	862,865	Aug. 6	1252	339	129	2467
Cram, Roy C., Bridgeport, and C. L. Graves, Milford, assignors to W. Grunow, Jr., Bridgeport, Conn. Circuit-closing device.	860,532	July 16	3391	932	129	1185
Cram Writing Machine Company. (See Cram, Edwin B., assignor.)						
Cram Writing Machine Company. (See Meier, Adolphus G., assignor.)						
Cramer, Charles J., Sedro Woolley, Wash. Level and square.	875,243	Dec. 31	6004	1252	131	2255
Cramer, Herbert H., Aspen, Colo. Lubricator.	841,632	Jan. 15	3675	797	126	1024
Cramer, Herbert H., Aspen, Colo. Valve.	844,255	Feb. 12	2779	593	126	2523
Cramer, Herman, Sonora, assignor to Cramer Wheel Company, San Francisco, Cal. Wheel.	865,682	Sept. 10	1443	409	130	471
Cramer, Joseph W., Kansas City, Kans. Safe.	845,057	Feb. 26	4642	987-8	126	3058
Cramer, Judson M., Gardner, Kans. Drip-trough.	868,413	Oct. 15	1882	528	130	1929
Cramer, Stuart W., Charlotte, N. C. Humidifier or air-moistening apparatus.	840,916	Jan. 8	2264	498	126	618
Cramer, Stuart W., Charlotte, N. C. Humidifier.	840,917	Jan. 8	2265	498	126	619
Cramer, Stuart W., Charlotte, N. C. Humidifying and air-conditioning apparatus.	852,823	May 7	919	188-9	128	235
Cramer, Stuart W., Charlotte, N. C. Hygrometer for regulating humidifying and heating systems.	856,944	June 11	2916	611	128	2463
Cramer, Stuart W., Charlotte, N. C. Hygrometer for humidifying and air-moistening apparatus.	871,163	Nov. 19	2114	567	131	720
Cramer, Stuart W., Charlotte, N. C. Hygrometer for regulating humidifying and heating systems. (Reissue).	12,727	Dec. 3	1443	300-1	131	1392
Cramer, Stuart W., Charlotte, N. C. Humidifying and air-moistening apparatus.	873,924	Dec. 17	3292	704	131	1766
Cramer Wheel Company. (See Cramer, Herman, assignor.)						
Crampton, Henry B., Syracuse, N. Y. Device for cutting flaps of sweat-bands.	874,571	Dec. 24	4652	977	131	2011
Crandall, Alston J., Ashaway, R. I. Machine for reeling twine.	850,734	Apr. 16	4077	852-3	127	2701
Crandall, Bert C. and S., Seattle, Wash. Conveying apparatus.	857,924	June 25	4836	1025	128	3018
Crandall, Charles, Newport, R. I. Electrical indicating device.	846,185	Mar. 5	943	200-1	127	239
Crandall, Gladstone B., Cherry Valley, Ontario, Canada. Sight for firearms.	862,717	Aug. 6	1018	272	129	2397
Crandall, Herman E., New Britain, Conn. Hose-supporter.	841,940	Jan. 22	4312	929	126	1218
Crandall, Homer E., Salamanca, N. Y. Hose-clamp.	851,653	Apr. 30	5914	1236	127	3230
Crandall, Jay E., assignor to National Sewing Machine Company, Belvidere, Ill. Lubricator.	854,874	May 28	5053	1051	128	1389
Crandall, Nathan W., assignor to Perkins Corporation, Hartford, Conn. Four-way snap-switch.	851,654	Apr. 30	5916	1237	127	3230
Crandall, Stewart. (See Crandall, Bert C. and S.)						
Crandell, George T., Omaha, Nebr. Horseshoe.	854,198	May 21	3729	772	128	1024
Crane & Breed Manufacturing Company. (See Breed and Warther, assignors.)						
Crane, Charles E., Lake City, Minn. Folding mushroom-anchor.	847,320	Mar. 19	3195	702	127	864
Crane, Charles L., Willimantic, Conn. Core for paper and fabric rolls.	842,862	Feb. 5	43	9	126	1800
Crane, Closser A. and L. F., and F. M. Hentig, Topeka, Kans. Butter-mold.	854,930	May 28	5155	1074	128	1417
Crane Company. (See Berryman, John B., assignor.)						
Crane Company. (See Berryman and Rollins, assignors.)						
Crane Company. (See Doolittle, William W., assignor.)						
Crane Company. (See Hayden, George W., assignor.)						
Crane Company. (See Lloyd, William H., assignor.)						
Crane, Daniel, Saginaw, Mich. Traction-roll mechanism.	843,519	Feb. 5	1361	286	126	2133
Crane, Daniel, assignor to Wickes Bros., Saginaw, Mich. Sawmill-carriage.	849,601	Apr. 9	1958	401	127	2122
Crane, George W., Veederburg, Ind. Dumping-wagon.	866,717	Sept. 24	3019	852	130	1041
Crane, Henry M. (See McQuarrie and Crane.)						
Crane, Henry M., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Electromagnetic signal.	840,201	Jan. 1	830	182	126	222
Crane, Henry M., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Pneumatic ticket-distributing system.	841,851	Jan. 22	4148	983-4	126	1181
Crane, Henry M., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Circuit for coin-collectors.	850,349	Apr. 16	3336	695	127	2513
Crane, Lafayette F. (See Crane and Hentig.)						
Crane, Marion, Lake Odessa, Mich. Clothes-hanger.	857,602	June 25	4202	888	128	2858
Crane, Newton, Boston, assignor, by mesne assignments, to E. C. Lee, Brookline, Mass. Gas-engine.	860,732	July 23	3720	1019	129	1324
Crane, Newton, Boston, assignor, by mesne assignments, to E. C. Lee, Brookline, Mass. Gas-engine.	861,205	July 23	4449	1220-1	129	1562
Crane, Raymond E. (See Backus and Crane.)						
Crane, Raymond E., and O. J. Backus, Newark, N. J. Water-closet apparatus.	862,544	Aug. 6	755	201	129	2318
Crane, Theron I. (See Maignen and Crane.)						
Crane, William E., and C. D. Pratt, Binghamton, N. Y. Gasolene soldering-tool.	872,500	Dec. 3	383	80	131	1228
Crane, William H., assignor to Adriance, Platt & Company, Poughkeepsie, N. Y. Truck for harvesting-machines.	851,345	Apr. 23	5289	1108	127	3044

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Crane, William H., assignor to Adriance, Platt & Company, Poughkeepsie, N. Y. Counting mechanism for grain-harvesters.	869,424	Oct. 29	3488	957-8	130	2482
Cranford, James M., <i>et al.</i> (See Fuller and Cartter, assignors.)						
Crank, R. H. (See Ascue, Elbert, assignor.)						
Cranmer, Bjarne, Kongsberg, Norway. Coin-counter.	869,626	Oct. 29	3821	1046	130	2584
Cranston, Albert E., Pollock, S. D. Combined wagon-box, header-box, hay and stock rack.	869,062	Oct. 22	2920	805	130	2280
Cranston, Alfred P., New York, N. Y. Vacuum-cleaner handle.	873,300	Dec. 10	2054	429	131	1525
Cranston, Leslie A., Gibson City, Ill. Paper-file.	864,083	Aug. 20	3075	849	129	3104
Cranston, Thaddeus S., New Comertown, Ohio. Casing-head.	865,872	Sept. 10	1752	488	130	579
Crary, Benjamin F., Kansas City, Mo. Weighing-scale.	871,056	Nov. 12	1886	516-17	131	640
Crary, Cecil R., St. Clair, Mich. Turbine-muffler.	845,762	Mar. 5	58	12	127	18
Crary, William P., New York, N. Y. Support for gas-generators.	848,639	Apr. 2	377	8	127	1594
Crary, William P., New York, N. Y. Lamp-bracket.	849,727	Apr. 9	215	448	127	2176
Craufurd, Alexander J. F., London, England. Tappet.	863,051	Aug. 13	1522	413	129	2588
Craven, Peter H., Spokane, Wash. Ore-slimer.	858,262	June 25	5520	1178-9	128	3194
Craw, George R., and O. Miller, Chicago, Ill. Shoulder-braces.	846,647	Mar. 12	1891	415	127	511
Craw, George R., and O. Miller, Chicago, Ill. Shoulder-braces.	851,070	Apr. 23	4711	992	127	2901
Crawford, Charles C., Warsaw, Ill. Attachment for vehicles.	858,578	July 2	360	92	129	128
Crawford, Clifton A., Zion City, Ill. Stamp-affixer.	853,500	May 14	2279	472	128	619
Crawford, Frank H. (See Garnett, William B., assignor.)						
Crawford-Frost, William A., Baltimore, Md. Railway-car.	864,614	Aug. 27	3945	1095	129	3404
Crawford, George W., Grove City, Pa. Hot-air furnace.	863,361	Aug. 13	2018	543	129	2746
Crawford, Herbert G., Elmont, Va. Automatic circuit-controlling mechanism.	840,557	Jan. 8	1563	345	126	444
Crawford, Hezekiah H., El Paso, Tex. Harness.	859,802	Jan. 9	2278	620	129	792
Crawford, Hugh L., Bristol, Tenn. Refrigerator display-rack and meat-hanger.	854,805	May 28	4890	1015	128	1346
Crawford, James E., Charleston, W. Va. Horse-protector.	848,727	Apr. 2	212	43	127	1641
Crawford, Jim, Paden, Ind. Ter. Gate-latch.	843,870	Feb. 12	2031	436	126	2335
Crawford, John E. L., Lisbon, Ohio. Saddle-tree and tree-pad plate.	846,731	Mar. 12	2031	446-7	127	546
Crawford, John E. L., Lisbon, Ohio. Saddle-tree-plate.	873,509	Dec. 10	2460	518	131	1595
Crawford, John G., La Grange, assignor to Western Electric Company, Chicago, Ill. Bandage-winding machine.	842,302	Jan. 29	5066	1080	126	1436
Crawford, John W., Chicago, Ill. Floor-joint for water-closets.	804,517	Aug. 27	3767	1047	129	3352
Crawford, Joseph, Jr. (See Tinker and Crawford.)						
Crawford, Lafayette F., Denver, Colo. Fountain-pen.	874,738	Dec. 24	4989	1050	131	2067
Crawford, Lyter H., New York, N. Y. Dental handpiece.	849,208	Apr. 2	1196	242	127	1894
Crawford, Lyter H., New York, N. Y. Combined mouth mirror and lamp.	849,209	Apr. 2	1198	243	127	1895
Crawford, McGregor & Canby Company. (See Eastman, Ernest A., assignor.)						
Crawford, Orie A. (See Pheasant, William H., assignor.)						
Crawford, William, Bradford, Pa., assignor to Bovaird & Company. Gearing.	846,285	Mar. 5	1123	244	127	285
Crawford, William A., Danville, Ill. Farm-gate.	875,326	Dec. 31	6171	1286	131	2279
Crawford, William E., Newark, N. J. Trousers-supporter.	859,436	July 9	1735	462	129	615
Crawford, William H. (See Eastman, Ernest A., assignor.)						
Crawford, William I., St. Louis, Mo. Gearing for automobiles.	847,914	Mar. 19	4443	973-4	127	1173
Crawford, Wm. Gordon. (See Burnham, Arthur M., assignor.)						
Crawley Book Machinery Company. (See Crowley, John P., assignor.)						
Creahan, Michael F., Philadelphia, Pa. Eraser-holder.	865,764	Sept. 10	1572	443	130	512
Creamery Package Mfg. Company. (See Amacker, John R., assignor.)						
Creamery Package Mfg. Company. (See Macnish and Penn, assignors.)						
Creamery Package Mfg. Company. (See Valerius, Theodore L., assignor.)						
Creasey, Samuel E., Sanford, Me. Calendar-bank.	847,652	Mar. 19	3891	850	127	1043
Cressey, Frank, Nottingham, England. Lace.	851,404	Apr. 23	5402	1132	127	3074
Crecelius, Emil R., assignor to Parks Brothers and Rogers, Providence, R. I. Cuff-button.	850,350	Apr. 16	3338	695	127	2514
Crecelius, Louis J., St. Louis, Mo. Hydraulic brake-gear.	861,710	July 30	5264	1447	129	1851
Credlebaugh, John D., Chicago, Ill. Artificial fish-bait.	860,640	July 23	3587	983-4	129	1283
Creel, Milton P., <i>et al.</i> (See Tyldesley, Harry, assignor.)	865,683	Sept. 10	1445	409	130	471
Creelman, Frank, New York, N. Y., assignor to Willson Carbide Works Company of St. Catharines, Limited, St. Catharines, Canada. Electric smelting.	874,944	Dec. 31	5415	1132	131	2158
Crehan, Hubert, Sheridan, assignor to Oliver Iron and Steel Company, Pittsburg, Pa. Bolt-machine.	873,727	Dec. 17	2911	617-18	131	1702
Crehore, Albert C., Tarrytown, N. Y., and G. O. Squier, Washington, D. C. Automatic telegraphy.	851,071	Apr. 23	4712	992	127	2901
Creighton, William H., New Eagle, Pa. Safety-valve.	850,626	Apr. 16	3875	809	127	2650
Crell, Albert P., Ionia, Mich. Reversing mechanism.	866,776	Sept. 24	3012	875-6	130	1072
Crellin, John C., Liverpool, England. Nut grading and shelling machine.	853,066	May 7	1414	295	128	359
Cremer, Henry M., Gad, Wis. Gun-sight.	857,160	June 18	3347	707	128	2613
Crenshaw, William, Atlanta, Ga. Guard for edges of concrete paving.	858,959	July 2	2014	264	129	347
Creque, Frank J., Cuyahoga Falls, Ohio. Slicing-board.	864,833	Sept. 3	111	31	130	36
Creque, Frank J., Cuyahoga Falls, assignor to one-half to F. W. Dodge, Ashland, Ohio. Balloon-inflator.	874,166	Dec. 17	3822	806	131	1845
Crerar, James P., Denison, Tex. Rail-fastening device.	851,405	Apr. 23	5403	1132	127	3074
Crescent Appliance Co. (See Bevington, James H., assignor.)						
Crescent Mfg. Co. (See Gentzler, Louis D., assignor.)						
Crescent Novelty Manufacturing Company. (See Grundmann, Frederick W., assignor.)						
Cressey, Charles, <i>et al.</i> (See Brassington, Herbert, assignor.)						
Cressman, Krauth H., Naper, Nebr. Feed-bag.	864,615	Aug. 27	3946	1095	129	3404
Cretors, Charles, Chicago, Ill. Vehicle.	862,963	Aug. 13	1395	379	129	2547
Cretors, Charles, Chicago, Ill. Corn-popping apparatus.	862,964	Aug. 13	1395	380	129	2547
Crew, William A., Salisbury, Md. Grave-vault.	860,282	July 16	3015	825	129	1062
Crews, William D. (See Lynham and Crews.)						
Cribben & Sexton Company. (See Harter, Augustus F., assignor.)						
Crickler, Harry F., assignor to G. K. and F. B. Brown, Wilkes-Barre, Pa. Amusement device.	847,242	Mar. 12	3035	668-9	127	795
Cridde, Thomas B., Waxahachie, Tex. Hoe-sharpening device.	854,632	May 21	4518	943	128	1223
Cridge, Edmund L., Passaic, N. J. Automatic shut-off for fluids.	844,923	Feb. 19	4378	935	126	2952
Cridge, Edmund L., Passaic, N. J. Vacuum-control valve.	859,745	July 9	2196	595	129	764
Crim, John W. (See Hatcher and Crim.)						
Cripe, David E., Chandler, Okla. Ter. Bottle.	866,112	Sept. 17	2130	529	130	726
Crippen, George F., Ypsilanti, Mich. Bean-picking machine.	855,432	May 28	6118	1279	128	1656
Crippen, Herbert, Rochester, N. Y. Safety appliance for steam-boilers.	866,265	Sept. 17	2343	652	130	793
Crippen, Walter R., Cambridge, assignor to Emerson Piano Company, Boston, Mass. Autopneumatic music-playing instrument.	869,480	Oct. 29	3579	981	130	2510
Crippen, Walter R., Cambridge, assignor to Emerson Piano Company, Boston, Mass. Autopneumatic music-playing instrument.	873,214	Dec. 10	1880	394	131	1495

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Cripps, Alfred G., assignor to Prudential Heating Company, Akron, Ohio. Fire-pot....	843,795	Feb. 12	1891	406	126	2302
Crisenberry, Benjamin F., Elwood, Ind. Syringe.....	873,728	Dec. 17	2913	618	131	1702
Crisfield, James A. P., assignor to United Gas Improvement Company, Philadelphia, Pa. Water-gas apparatus.....	858,579	July 2	362	92-3	129	129
Crisler, Joseph L., Perth, Kans. Harrow attachment for plows.....	856,033	June 4	1128	236-7	128	1979
Crisman, Alonzo M., Rock Island, Ill. Check-row planter.....	866,339	Sept. 17	2460	686-7	130	830
Crisman, Hiram. (See Vorhes and Crisman.)						
Crisp, Albert V. (See Layfield and Crisp.)						
Crispell, Emerick W., Williamstown, N. Y. Temporary repair device for wagon-thills..	860,854	July 23	3902	1070	129	1384
Crispin, George B., and R. F. Wright, Charleston, Ill. Wrench.....	870,862	Nov. 12	1574	433	131	542
Criswell, Alexander P., Aurora, Ind., and A. C. Bishop, Cleveland, Ohio. Means for maintaining the strength of refrigerating liquids.....	851,121	Apr. 23	4801	1010	127	2922
Criswell, James M., Pullman, W. Va. Well-tubing.....	871,258	Nov. 19	2314	604	131	752
Critchley, Thomas. (See Charity and Critchley.)						
Crites, Clarence J., and J. H. Breese, Washington, Pa. Continuous glass-melting pot...	856,449	June 11	2010	413	128	2238
Critser, Robert, and R. C. Wright, Lapel, Ind. Dumping-wagon.....	849,056	Apr. 2	889	182	127	1814
Crittenden, Orlando, Akron, Ohio. Brush.....	848,973	Apr. 2	729	147	127	1773
Crittenden, Simeon, Chatfield, Minn. Building-block.....	854,806	May 28	4892	1016	128	1346
Crivvey, Daniel C., Aberdeen, Wash. Band-saw-wheel grinder.....	872,907	Dec. 3	1242	264-5	131	1361
Crockard, Frank H., Birmingham, Ala., assignor of one-half to A. Laughlin, Sewickley, Pa. Open-hearth steel plant.....	872,800	Dec. 3	1002	208-10	131	1326
Crockard, Frank H., and S. Hosking, Wheeling, W. Va. Apparatus for steel plants....	863,968	Aug. 20	2913	803	129	3056
Crocker, Allen S., Rochester, N. Y., assignor to L. Elkus, Indianapolis, Ind. Automatic weighing mechanism.....	851,223	Apr. 23	5034	1059-60	127	2979
Crocker, Allen S., Rochester, N. Y., assignor to L. Elkus, Indianapolis, Ind. Manufacture of sand lime or composite brick or stone.....	851,406	Apr. 23	5404	1132	127	3074
Crocker, Alvin E., New York, N. Y. Coffee mixture.....	874,305	Dec. 17	4112		131	1892
Crocker, Arthur T., Schenectady, N. Y., assignor to General Electric Company. Controller.....	872,329	Dec. 3	17	3-4	131	1172
Crocker, Arthur T., Schenectady, N. Y., assignor to General Electric Company. Control apparatus.....	872,990	Dec. 3	1398	293-4	131	1388
Crocker, Arthur T., Schenectady, N. Y., assignor to General Electric Company. Control apparatus.....	872,991	Dec. 3	1401	294	131	1388
Crocker, Benjamin S., New York, N. Y. Loading device.....	839,921	Jan. 1	243	52	126	67
Crocker, Clarence T., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Controller-operating mechanism.....	868,531	Oct. 15	2070	580	130	1986
Crocker, Eben C., assignor to Warren Electric Manufacturing Company, Sandusky, Ohio. Regulator for steam-turbines.....	867,950	Oct. 15	1166	322-3	130	1711
Crocker, Edwin F., and C. A. Walhof, assignors of one-third to I. S. Large, Rock Valley, Iowa. Projecting apparatus.....	847,982	Mar. 19	4579	1006	127	1205
Crocker, Ernest B. (See Blanchard and Crocker.)						
Crocker, Fred A., Lincoln, Me. Thill-supporter.....	868,969	Oct. 22	2773	765	130	2233
Crocker, Fred W. (See Crocker, Walter E. and F. W.)						
Crocker, George H. (See Warner, Charles E., assignor.)						
Crocker, Katherine E., Buffalo, N. Y. Bolster-holder.....	842,387	Jan. 29	5264	1117	126	1493
Crocker, Walter E., Providence, R. I., and F. W. Crocker, North Baltimore, Ohio; said Walter E. Crocker assignor to said F. W. Crocker. Sharpening-holder for gravers and other tools.....	850,084	Apr. 9	2815	590	127	2337
Crocker-Wheeler Company. (See Dunn, Gano S., assignor.)						
Crocker-Wheeler Company. (See Heitmann and Young, assignors.)						
Crocker-Wheeler Company. (See Pikler, Armin H., assignor.)						
Crockett, James B., Glendive, Mont. Wire-stretcher.....	872,558	Dec. 3	518	108	131	1247
Crockett, William P. (See Fralick, Syles R., assignor.)						
Croft, Calloway, et al. (See Hinton, William C., assignor.)						
Croft, John, assignor of three-fourths to B. J. W. L., and J. B. Broadway, Birmingham, England. Internal-combustion engine.....	861,711	July 30	5264	1447-8	129	1851
Croft, Frank V., assignor of one-half to Sterling Co., Derby, Conn. Mechanically-operated piano.....	840,302	Jan. 1	1027	225-6	126	276
Croft, Frank V., assignor to Sterling Co., Derby, Conn. Pneumatically-operated musical instrument.....	840,303	Jan. 1	1030	226	126	276
Croizat, Vittorio, Turin, Italy. Heat-transferring apparatus.....	867,803	Oct. 8	879	249	130	1603
Crolius, Frederick J., Pittsburg, Pa. Mechanical stoker.....	848,728	Apr. 2	214	43-4	127	1642
Croll, Thomas. (See Gale and Croll.)						
Crombie, Charles E., Manchester, N. H. Pruning implement.....	868,330	Oct. 15	1751	494	130	1889
Cromie, James, Pittsburg, Pa. Furnace.....	849,890	Apr. 9	2494	514	127	2259
Crompton, George, et al. (See Tillman, Thomas W., assignor.)						
Crompton & Knowles Loom Works. (See Cyr, Joseph T., assignor.)						
Crompton & Knowles Loom Works. (See Dumont, Maurice, assignor.)						
Crompton & Knowles Loom Works. (See Forbes and Fraker, assignors.)						
Crompton & Knowles Loom Works. (See Gordon, Albert A., Jr., assignor.)						
Crompton & Knowles Loom Works. (See Holmes and Jenckes, assignors.)						
Crompton & Knowles Loom Works. (See Hutchins, George F., assignor.)						
Crompton & Knowles Loom Works. (See Jenckes, Lawrence B., assignor.)						
Crompton & Knowles Loom Works. (See Macpherson, Peter, assignor.)						
Crompton & Knowles Loom Works. (See McGuiness, Benjamin F., assignor.)						
Crompton & Knowles Loom Works. (See Redding, William H., assignor.)						
Crompton & Knowles Loom Works. (See Ryon, Eppa H., assignor.)						
Crompton & Knowles Loom Works. (See Wattie, William, assignor.)						
Crompton & Knowles Loom Works. (See Wattie, William M., assignor.)						
Crompton & Knowles Loom Works. (See Whitmore, Fred A., assignor.)						
Crompton & Knowles Loom Works. (See Wyman, Horace, assignor.)						
Crompton, Randolph, et al. (See Tillman, Thomas W., assignor.)						
Crompton, Randolph, assignor to Crompton-Thayer Loom Company, Worcester, Mass. Protector and smash-preventing mechanism for looms.....	842,944	Feb. 5	202	46	126	1840
Crompton-Thayer Loom Company. (See Crompton, Randolph, assignor.)						
Crompton-Thayer Loom Company. (See Wattie, William M., assignor.)						
Cromwell, John C., Cleveland, Ohio. Bearing.....	856,228	June 11	1508	317	128	2108
Cromwell, John C., assignor to Garrett-Cromwell Engineering Company, Cleveland, Ohio. Straightening-press.....	846,828	Mar. 12	2238	491	127	599
Cromwell, John C., assignor to Garrett-Cromwell Engineering Company, Cleveland, Ohio. Metallurgical furnace.....	869,960	Nov. 5	119	33-4	131	39
Cromwell, John C., and H. W. Lash, assignors to Garrett-Cromwell Engineering Company, Cleveland, Ohio. Combined ingot stripper and charger.....	865,240	Sept. 3	727	207-8	130	219
Crone, Seth A., New York, N. Y. Brake-shoe.....	854,985	May 28	5252	1094	128	1440
Crone, Seth A., New York, N. Y. Railway-car brake.....	868,908	Oct. 22	2678	740	130	2203
Crone, Seth A., New York, N. Y. Brake-beam for railway-cars.....	868,909	Oct. 22	2681	741	130	2204

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Crone, Seth A., New York, N. Y. Railway-car brake.....	868,910	Oct. 22	2682	741	130	2204
Crone, Seth A., New York, N. Y. Railway-car brake.....	868,970	Oct. 22	2774	765	130	2233
Crone, Seth A., New York, N. Y. Railway-car brake.....	869,425	Oct. 29	3492	958	130	2483
Cronmeyer, Ernest L., Monessen, assignor to American Sheet & Tin Plate Company, Pittsburg, Pa. Plate-feeding device.....	845,293	Feb. 26	5133	1088-9	126	3184
Cronmeyer, Henry C., McKeesport, Pa. Valve.....	845,859	Mar. 5	245	50	127	63
Cronholm, Oscar, Fairfield township, Palo Alto county, Iowa. Bag-holder.....	854,077	May 21	3489	720	128	962
Cronk, Charles H., Curtis, Nebr. Egg-carrier.....	855,939	June 4	964	200	128	1937
Cronk, William, Montour Falls, N. Y. Rake.....	870,227	Nov. 5	559	150	131	183
Cronkrite, Minton. (See Bowne and Cronkrite.).....						
Cronkright, Wesley G., Pittsburg, Pa. Vaginal syringe.....	867,247	Oct. 1	27	8	130	1325
Cronstoe, Daniel, Malmo, Sweden. Handle-bar for bicycles and the like.....	850,139	Apr. 16	2937	614	127	2407
Cronstedt, Elias. (See Furru, Ole O., assignor.).....						
Cronwall, Carl G., Chicago, Ill. Gas-burner.....	859,486	July 9	1804	484	129	637
Cronwell, Otto. (See Danielson and Cronwell.).....						
Crook, Jesse, and J. Schwartz, deceased, (W. J. Schwartz administrator,) Minden, Ohio. Attachment for shoes.....	854,274	May 21	3869	798	128	1060
Crooker Blacking Company. (See Crooker, William W., assignor.).....						
Crooker, William W., Lynn, Mass. Heel-burnishing appliance.....	867,559	Oct. 1	500	143	130	1468
Crooker, William W., Lynn, Mass. Rotary operating member for boot and shoe finishing machines.....	868,532	Oct. 15	2071	581	130	1987
Crooker, William W., assignor to Crooker Blacking Company, Lynn, Mass. Leather-finishing composition and making the same.....	848,445	Mar. 26	5474		127	1469
Crooks, J. E., et al. (See Barnes, Charles D., assignor.).....						
Crooks, John E., et al. (See Reiber, Frederick W., assignor.).....						
Cropley, Harriet C., Washington, D. C. Sanitary douche-board.....	868,533	Oct. 15	2073	581	130	1987
Cropp, Andrew J., Chicago, Ill. Mixing-machine.....	859,919	July 16	2470	671-2	129	883
Crosby, Albert L., Portland, Oreg. Means for propelling and steering vessels.....	856,338	June 11	1759	365-6	128	2172
Crosby, Alfred D., assignor to P. J. Cummings Company, Attleboro, Mass. Extensible bracelet.....	841,633	Jan. 15	3677	798	126	1025
Crosby, Charles F., Burlington, Vt. Grass-cutter.....	854,468	May 21	4225	874	128	1151
Crosby, George E., Allston, Mass. Gas-holder.....	865,480	Sept. 10	1124	319	130	370
Crosby, Harold A., assignor to W. G. Lumsden, Hamilton, Ontario, Canada. Machine for peeling and coring tomatoes.....	849,463	Apr. 9	1670	338	127	2052
Crosby, James A., and J. A. Pink, assignors to S. H. Selig, trustee, Chicago, Ill. Machine for taking and exhibiting pictures.....	850,567	Apr. 16	3745	782-4	127	2619
Crosby, John D., et al. (See McClintock, Edward H., assignor.).....						
Crosby, Matthew G., Palestine, Tex. Safety window-screen.....	851,498	Apr. 23	5575	1168	127	3113
Crosby, Ole T., Nome, Alaska. Apparatus for recovering values from alluvial deposits.....	863,700	Aug. 20	2505	691	129	2929
Crosby, Robert E. L., Searcy, Ark. Folding egg-case.....	862,810	Aug. 6	1173	316	129	2442
Crosby Steam Gage and Valve Company. (See Davidson, Theodore, assignor.).....						
Crosby Steam Gage and Valve Company. (See Wolfe, Frank L., assignor.).....						
Crosby Steam Gage and Valve Company. (See Johnson, Philip L., assignor.).....						
Crosby, William W., Tacoma, Wash. Grease-cup.....	870,346	Nov. 5	752	201	131	247
Crosnier, Frederick V., Arlington, N. Y. Amusement device.....	863,362	Aug. 13	2019	544	129	2747
Crosnier, Frederick V., Arlington, N. Y. Automatic stock-feeder.....	867,221	Sept. 24	3802	1073	130	1287
Croskev, John H., assignor to Duquesne Glass Co., Pittsburg, Pa. Apparatus for manufacturing glass articles.....	840,994	Jan. 8	2406	526-7	126	655
Croskey, John H., assignor to Duquesne Glass Co., Pittsburg, Pa. Charging mechanism for glass-molds.....	852,932	May 7	1155	237-8	128	293
Crosley, Albert D., Jewell, Iowa. Nest-box for fowls.....	867,348	Oct. 1	184	53-4	130	1368
Cross, Frank L., Mystic, Conn., assignor to Cross Paper Feeder Company, Boston, Mass. Controlling mechanism for machines acting on sheets.....	854,078	May 21	3490	720	128	962
Cross, Frank L., Mystic, Conn., assignor to Cross Paper Feeder Company, Boston, Mass. Sheet-feeding machine.....	854,079	May 21	3493	720	128	963
Cross, Frank L., Mystic, Conn., assignor to Cross Paper Feeder Company, Boston, Mass. Controlling mechanism for machines acting on sheets.....	854,080	May 21	3495	721	128	964
Cross, Harry N., San Francisco, Cal. Mechanism for making master-sheets of musical instruments.....	852,261	Apr. 30	7140	1495-6	127	3543
Cross, Jerome A., Fultonville, N. Y. Hinged extension for hay-carrier tracks.....	851,869	Apr. 30	6357	1326	127	3345
Cross Paper Feeder Company. (See Cross, Frank L., assignor.).....						
Cross, Theodore W., Everett, Wash. Saw-set.....	865,165	Sept. 3	607	171	130	185
Cross, Walter M., Kansas City, Mo. Gas-generator.....	869,232	Oct. 29	3172	874	130	2384
Cross, William, Winnipeg, Manitoba, Canada. Snow-plow.....	866,919	Sept. 24	3316	937	130	1134
Cross, William, Winnipeg, Manitoba, Canada. Means for joining plates.....	868,076	Oct. 15	1361	381	130	1772
Crossley, Daniel. (See Bermes, John, assignor.).....						
Crossley, Francis M., Detroit, Mich. Railway-tie and fastener.....	852,542	May 7	330	59	128	90
Crossley, Harvey N., Madison, Okla. Ter. Burner attachment for stoves.....	868,649	Oct. 22	2275	630	130	2079
Crossley, William, West Haven, Conn. Stick for supporting shoe-lasts.....	862,885	Aug. 13	1285	348-9	129	2512
Crossman, Abner, Chicago, Ill. Rotary carpet-cleaner.....	848,974	Apr. 2	730	148	127	1774
Crotchett, Alonzo, Iola, Kans. Plumb-bob.....	854,931	May 28	5156	1074	128	1417
Crotto, Gilbert A., assignor to one-half to I. E. Hepler, Reading, Pa. Gas-burner.....	872,609	Dec. 3	606	128	131	1262
Crouch & Fitzgerald. (See Fitzgerald, William P., assignor.).....						
Crouch & Fitzgerald. (See Gilmore, John W., assignor.).....						
Crouch, Frank J. (See Hoey and Crouch.).....						
Crouch, Frank J., assignor to J. Hoey, San Francisco, Cal. Mattress-wire-bending machine.....	841,634	Jan. 15	3679	798	126	1025
Crouch, George G. (See Sawtell, Field, and Crouch.).....						
Crouse, Garrett L., assignor to Crouse Mfg. Company, Williamsport, Pa. Machine for making steel fasteners.....	863,155	Aug. 13	1705	458	129	2646
Crouse-Hinds Company. (See Hills, Albert F., assignor.).....						
Crouse, John L., New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Electric-railway system.....	868,911	Oct. 22	2684	742	130	2204
Crouse, John N., Chicago, Ill. Manufacturing fusible dental fillings, inlays, and crowns.....	856,034	June 4	1130	237	128	1980
Crouse Mfg. Company. (See Crouse, Garrett L., assignor.).....						
Crouse, Stedman P., Boston, Mass. Card-holder.....	863,265	Aug. 13	1878	507	129	2700
Crow, Goodlet C., Kansas City, Mo. Furnace-feed.....	854,875	May 28	5056	1052	128	1390
Crow, Herbert M., Oakdale, Cal. Tool-handle.....	875,159	Dec. 31	5838	1219	131	2227
Crow, William D., East Orange, N. J. Manufacturing concrete.....	868,762	Oct. 22	2460	680	130	2137
Crow, William D., East Orange, N. J. Machine for molding units of clay or other refractory material to be used in the manufacture of concrete.....	874,167	Dec. 17	3824	806	131	1845
Crow, William H., Pueblo, Colo. Portable power-dam.....	873,845	Dec. 17	3158	673	131	1741
Crowe, Edward, Redcar, assignor to Davy Brothers Limited, Sheffield, England. Internal-combustion engine.....	859,746	July 9	2198	595	129	765
Crowe, Paul L. (See Frankenheim, Aaron, assignor.).....						
Crowe, Paul L., Jersey City, N. J., and A. Frankenheim, New York, N. Y.; said Frankenheim assignor to said Crowe. Rocking and dumping grate.....	866,627	Sept. 24	2871	811-12	130	992

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Crowell, Gilmer, deceased, Brooklyn, N. Y.; J. H. Crowell, executrix. Lubricating system.	848,446	Mar. 26	5476	1193	127	1469
Crowell, Jane H., executrix. (See Crowell, Gilmer.)						
Crowell, Walter H. (See Dalton, John T., assignor.)						
Crowley, Benajah M., Omaha, Ga. Axle.	841,941	Jan. 22	4314	929	126	1218
Crowley, John P., Newport, Ky., assignor to Crawley Book Machinery Company. Bevel-board-cutting machine.	848,812	Apr. 2	419	84	127	1694
Crowley, John T., Lambertville, N. J. Rubber boot.	864,616	Aug. 27	3947	1095	129	3404
Crowley, Thomas, Lambertville, N. J. Rubber boot and shoe.	873,510	Dec. 10	2462	519	131	1595
Crown Cork and Seal Company. (See Hofheimer, Maurice, assignor.)						
Crown Cork and Seal Company. (See Wood, William C., assignor.)						
Crown Drilling Machine Company. (See Stevens, William C., assignor.)						
Crowns, George H. (See Koch, Nicholas, assignor.)						
Crowson, Jonas H., Atlanta, Tex. Well-cleaning machine.	866,628	Sept. 24	2873	812	130	993
Croxford, John S., Newport, Me. Pie-trimmer.	860,641	July 23	3591	984	129	1284
Crozier, Isaac W. (See Maxham, Lowell M., assignor.)						
Crozier, John, Ste. Agathe, Quebec, Canada. Railway-rail chair.	844,500	Feb. 19	3295	710	126	2689
Cruible Steel Company of America. (See Page, George S., assignor.)						
Cruikshank, Arthur B., assignor to himself and F. L. Tainter, London, England. Heat-distributor for cooking utensils.	864,518	Aug. 27	3768	1047	129	3352
Cruikshank, Ernest W., Baltimore, Md. Door-mat.	875,568	Dec. 31	6627	1386	131	2357
Cruikshank, William Y., assignor of one-half to N. Maley, Freeland, Pa. Pump.	847,735	Mar. 19	4059	886	127	1082
Crum, Clarence M., Hansboro, N. D. Rein-holder.	873,990	Dec. 17	3418	728	131	1788
Crum, Frank A., Newark, N. J. Saw-bench.	850,351	Apr. 16	3338	696	127	2514
Crum, Samuel H., Orangeburg, S. C. Horse-collar.	857,034	June 18	3102	655	128	2551
Crum, William H., Houston, Tex. Fence-post.	858,372	July 2	17	7	129	7
Crume, Francis M., Stiles, Tex. Obstetrical supporter.	846,648	Mar. 12	1892	415	127	512
Crumley, James, Grand Rapids, Mich. Crossing-signal for railways.	848,087	Mar. 26	4793	1045	127	1297
Crump, Frank H., Los Angeles, Cal. Excess-baggage coupon-check.	844,102	Feb. 12	2466	528-9	126	2442
Crump, Frank H., Los Angeles, Cal. Loose-leaf binder.	855,285	May 28	5863	1222	128	1595
Crump, George E., Spokane, Wash. Chair.	846,910	Mar. 12	2403	528	127	640
Crump, George E., Spokane, Wash. Garment-support.	846,911	Mar. 12	2405	528	127	641
Crump, Robert B., Brooklyn, N. Y. Ship-cleaning device.	851,072	Apr. 23	4716	993	127	2902
Cruise, Henry, Blackley, Manchester, England. Spindle of textile-machines.	851,921	Apr. 30	6467	1348	127	3374
Cruise, Henry, Blackley, near Manchester, England. Construction of valve-casings.	854,334	May 21	3966	819	128	1087
Cruise, Henry, Blackley, near Manchester, England. Construction of valve-casings.	854,469	May 21	4227	874	128	1151
Crutchfield, Charles B. (See Hobson, John H., assignor.)						
Cruttenden, Henry L., Northfield, Minn. Pneumatic dental cement-injector.	861,270	July 30	4578	1249	129	1641
Cruver, Curtis L., Chicago, Ill. Inclosed paper-weight.	841,124	Jan. 15	2706	591	126	777
Cruver M'fg. Co. (See Feuerstein, Solomon B., assignor.)						
Cryder & Co. (See Verdeau, Emile, assignor.)						
Cryer, James, Walden, assignor to Warwick Knife Company, Warwick, N. Y. Cutting-tool.	869,063	Oct. 22	2922	805	130	2280
Crystal Sweet Company. (See Chaplin, Edwin D., assignor.)						
Csaka, Ladislaus, Fiume, Austria-Hungary. Reversible rotary engine.	859,109	July 2	1320	351	129	445
Csanyi, Henry, Orange, N. J. Electric horn.	851,655	Apr. 30	5918	1237	127	3230
Cuba Manufacturing Company. (See Willink, William A. T., assignor.)						
Cubine, James H., Wash. Okla. Ter., and L. A. Hacker, Sprule, Ky. Cotton-chopper.	854,335	May 21	3966	820	128	1087
Cubitt, Archibald S., Schenectady, N. Y., assignor to General Electric Company. Locking mechanism for controller-handles.	867,482	Oct. 1	378	109-10	130	1430
Cubitt, Archibald S., Schenectady, N. Y., assignor to General Electric Company. Throttle-relay.	873,729	Dec. 17	2914	618	131	1702
Cudaback Edgar L., assignor to Lane Manufacturing Company, Buffalo, N. Y. Harrow.	865,873	Sept. 10	1753	489	130	580
Cude Charles R., San Saba county, Tex. Governor.	854,275	May 21	3809	798	128	1060
Cudebec, Ernest L., Dalton, N. Y. Book.	848,975	Apr. 2	731	148	127	1774
Cuff, John K., Spanish, Mont. Loading and unloading apparatus.	853,227	May 14	1741	361	128	473
Culbertson, Frank R., et al. (See Winans, Wesley G., assignor.)						
Culbertson, James C., New Bethlehem, Pa. Folding ironing-board.	864,617	Aug. 27	3948	1096	129	3405
Culin, George M. Von, Philadelphia, Pa. Shuttle-motion.	873,470	Dec. 10	2382	501	131	1582
Cullen, Ernest, and G. Sjolander, assignors of one-third to J. H. Johnson, Midland, Mich. Shoe-lace holder.	857,448	June 18	3883	825	128	2746
Cullen, Frank C., Chicago, Ill. Compartment-can.	861,815	July 30	5438	1497	129	1903
Cullen, James K., and G. T. Reiss, Hamilton, Ohio, assignors to Niles-Bement-Pond Company, Jersey City, N. J. Car-wheel press.	845,397	Feb. 26	5333	1131	126	3232
Cullen, Thomas. (See Hall, Samuel M., assignor.)						
Cullis, John M., Yonkers, N. Y. Pad for trusses.	868,971	Oct. 22	2776	765	130	2234
Cullman, Otto, Chicago, Ill. Bolt-lock.	870,547	Nov. 12	1059	289	131	373
Culmer, John W., Cleveland, Ohio, assignor to W. T. Adams, Corinth, Miss. Cheese-cutter.	856,514	June 11	2118	435	128	2264
Culp, Alva. (See Feather and Culp.)						
Culter and Proctor Stove Company. (See Culter, Richard A., assignor.)						
Culter, Richard A., assignor to Culter and Proctor Stove Company, Peoria, Ill. Stove or oven door support.	846,186	Mar. 5	946	201	127	240
Cultra, Robert A., Cambridge, Mass. Cartridge-fuse attachment-plug.	873,846	Dec. 17	3159	673	131	1742
Culver, Arthur C., Detroit, Mich. Valve mechanism.	855,617	June 4	333	68	128	1779
Culver, Darwin D., Aurora, Ill. Automobile-gearing.	843,796	Feb. 12	1892	406	126	2302
Culver, Edgar L., South Omaha, Nebr. Composition of matter to be used as fuel and making same.	851,407	Apr. 23	5405		127	3074
Culver, George A., Shenandoah, Iowa. Hay rake and loader.	851,499	Apr. 23	5577	1169	127	3114
Culver, John E., Los Angeles, Cal. Scraper.	857,269	June 18	3552	752	128	2666
Cumberland Steel Company of Allegheny County. (See Muncaster, Walter J., assignor.)						
Cuming, Mari A., New York, N. Y. Carving-machine.	867,016	Sept. 24	3471	983	130	1184
Cummer, William M., Cleveland, Ohio. Cylinder for mechanical driers.	856,770	June 11	2613	537	128	2391
Cummer, William M., Cleveland, Ohio. Mechanical drier.	857,161	June 18	3349	707	128	2613
Cumming, John A., Monkland Station, Ontario, Canada. Self-locking mowing-machine guard.	866,000	Sept. 17	1952	545	130	671
Cumming, Paul, Key West, Fla. Shoe-polishing machine.	859,747	July 9	2200	596	129	766
Cummings, Charles L., assignor to Cummings Machine Company, New York, N. Y. Threading-tool.	859,642	July 9	2046	553-4	129	716
Cummings, Charles L., assignor to Cummings Machine Company, New York, N. Y. Pipe-thread formation.	859,643	July 9	2051	554	129	718
Cummings, Charles L., assignor to Cummings Machine Company, New York, N. Y. Threading-tool.	859,644	July 9	2055	555	129	718
Cummings, Charles L., assignor to Cummings Machine Company, New York, N. Y. Threaded tube.	859,803	July 9	2279	620	129	792

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Cummings Filter Co. (See Bayley, Guy L., assignor.)						
Cummings, Frederick W., and G. H. Hanna, Cleveland, Ohio. assignors to Sanitary Street Flushing Machine Company, St. Louis, Mo. Nozzle	873,301	Dec. 10	2056	429	131	1525
Cummings, Henry H. (See Marston and Cummings.)						
Cummings, Henry H., Newton, Mass. Lacing	851,073	Apr. 23	4717	993	127	2903
Cummings, Henry H., Malden, assignor to Union Lock Stitch Company, Boston, Mass. Presser-foot-lifting mechanism	858,858	July 2	867	226	129	298
Cummings, Henry H., Malden, assignor, by mesne assignments, to Union Lock Stitch Company, Boston, Mass. Feeding mechanism for sewing-machines	860,733	July 23	3721	1019-20	129	1324
Cummings, Henry H., Malden, assignor to Union Lock Stitch Company, Boston, Mass. Lock-stitch sewing-machine	869,961	Nov. 5	121	34	131	39
Cummings, Henry H., assignor to A. D. Clafin, Newton, Mass. Ticket apparatus	873,302	Dec. 10	2056	429-30	131	1525
Cummings, Louis E., assignor to T. W. and J. W. Stamey, St. Joseph, Mo. Rotary engine	861,164	July 23	4383	1202-3	129	1540
Cummings Machine Company. (See Cummings, Charles L., assignor.)						
Cummings Manufacturing Company. (See Cummings, Martin E., assignor.)						
Cummings, Martin E., assignor to Cummings Manufacturing Company, Greeley, Colo. Computing-measure	846,013	Mar. 5	604	125-6	127	155
Cummings, Michael W., and T. F. Jordan, Olyphant, Pa. Book-cover protector	850,735	Apr. 16	4081	853	127	2701
Cummings, Milo G., and S. M. Dunlap, Des Moines, Iowa. Circle-swing	858,960	July 2	1016	265	129	348
Cummings, Montravill D., Columbus, Ohio. Mail-bag catching and delivering device	843,560	Feb. 5	1461	308	126	2156
Cummings, Montravill D., Columbus, Ohio. Mail-sack catching and delivering apparatus	843,561	Feb. 5	1464	309	126	2157
Cummings, Robert A., Beaver, Pa. Connecting and spacing clip	871,210	Nov. 19	2211	585	131	736
Cummings, Robert T., assignor of one-half to C. W. Zweigart, Maysville, Ky. Harness	875,051	Dec. 31	5632	1176	131	2193
Cummins, Clarence R., assignor of one-half to F. F. Fritz and F. C. Canter, Erie, Pa. Apparatus for generating and administering gases for general anesthesia	953,165	May 7	1582	329	128	400
Cummins, Wilson W., Lidgerwood, N. D. Automatic tilting vial-case	846,553	Mar. 12	1678	371	127	456
Cunmer, Matthew S., New York, N. Y. Type-writer shift-key mechanism	873,730	Dec. 17	2917	619	131	1703
Cumnock, Arthur J., Rye, N. Y. Fabric and garment	862,613	Aug. 6	863	231	129	2351
Cumnock, Robert L., Anderson, S. C. Spinning and twisting apparatus	860,448	July 16	3279	896	129	1148
Cumnock, Robert L., Anderson, S. C. Automatic or self-threading shuttle	865,166	Sept. 3	608	171	130	185
Cumpston, Frederick B., Blooming Grove, Tex. Baling-press	874,306	Dec. 17	4113	866-7	131	1892
Cunane, John, assignor to G. R. Randall, Philadelphia, Pa. Device for cutting float-threads of fabrics	843,444	Feb. 5	1191	250-1	126	2089
Cuneo, John A., Shippensville, Pa. Check-valve	860,017	July 16	2636	716	129	937
Cunneen, Peter, New Rochelle, N. Y. Washing-machine	856,229	June 11	1510	318	128	2108
Cunniff, John V. (See Lacroix and Cunniff.)						
Cunniff, John V., Fall River, assignor to Draper Company, Hopedale, Mass. Filling-detecting mechanism for looms	843,196	Feb. 5	741	152	126	1983
Cunniff, John V., Fall River, assignor to Draper Company, Hopedale, Mass. Protector mechanism for looms	847,653	Mar. 19	3892	851	127	1044
Cunning, Harry F., Roanoke, Va. Reducing-valve	859,920	July 16	2471	672	129	883
Cunning, James, Indianapolis, Ind. Apparatus for treating meats	855,618	June 4	335	69	128	1780
Cunning, James, Indianapolis, Ind. Machine for splitting pigs' feet	857,332	June 18	3670	776	128	2696
Cunningham, Abelard V., Sr., Zellenople, Pa. Tug and trace fastener	873,413	Dec. 10	2285	477	131	1564
Cunningham, Albert, assignor to Fiber and Stowell Company, Milwaukee, Wis. Sawmill set-works	869,627	Oct. 29	3823	1047	130	2584
Cunningham, Andrew O., assignor to D. E. Garrison and A. L. Johnson, St. Louis, Mo. Bridge abutment	851,408	Apr. 23	5407	1133	127	3075
Cunningham, Bernard, Shannon township, Pottawatomie county, Kans. Grain and ear-corn elevator	839,814	Jan. 1	27	6-7	126	9
Cunningham, Charles V., Springfield, Mo. Kaleidoscope top	845,529	Feb. 26	5582	1183	126	3295
Cunningham, Clara H., Washington, D. C. Corset-clasp	840,918	Jan. 8	2267	499	126	619
Cunningham, Clarence O. (See McCord and Cunningham.)						
Cunningham, Cyrenius J., Lewisburg, Tenn. Rotary plow	860,352	July 16	3122	854	129	1096
Cunningham, David W., Des Moines, Iowa. Water-heater for locomotives	847,915	Mar. 19	4446	974	127	1174
Cunningham, Frank R., Medford, Mass. Means for attaching dials to watch-movements	857,333	June 18	3672	776	128	2697
Cunningham, Frank R., Medford, Mass. Dial-rim	857,516	June 18	4022	856	128	2783
Cunningham, James H., Brockton, Mass. Boot and shoe	873,731	Dec. 17	2919	619	131	1703
Cunningham, John W., Leominster, Mass. Hat-pin fastener	854,718	May 28	4718	981	128	1302
Cunningham, Olie E., and J. E. Griffith, Carroll, Iowa. Calf-weaner	862,811	Aug. 6	1176	316	129	2443
Cunningham, Patrick M., New York, N. Y., assignor to Brunswick-Balke-Collender Company, Chicago, Ill. Convertible pocket-carom billiard-table	865,874	Sept. 10	1755	489	130	580
Cunningham, Roy N., and J. W. McPherson, Columbus, Ohio. Non-refillable receptacle	874,739	Dec. 24	4990	1050	131	2067
Cunningham, Roy N., and J. W. McPherson, assignors to American Concrete Machinery Company, Columbus, Ohio. Mixing-machine	872,610	Dec. 3	609	128-9	131	1262
Cunningham, Roy S. (See Hassell and Cunningham.)						
Cunningham, Thomas, et al. (See Mongrain, Edward, assignor.)						
Cunningham, Thomas E., et al. (See Lynch, James H., assignor.)						
Cunningham, William A., Winona, Minn. Air-moistener for furnaces	872,330	Dec. 3	21	4	131	1172
Cunningham, William J., Philadelphia, Pa. Attachment for bottle-washing machines	846,983	Mar. 12	2541	553	127	677
Cunningham, William J., Philadelphia, Pa. Attachment for bottle-washing machines	847,280	Mar. 12	3109	685	127	814
Cunningham, William J., Philadelphia, Pa. Bottle-washing machine	860,353	July 16	3125	855-6	129	1097
Cunningham, William J., Philadelphia, Pa. Bottle-washing machine	860,533	July 16	3394	932	129	1186
Cunningham, William J., Philadelphia, Pa. Bottle-filling machine	863,363	Aug. 13	2020	544-5	129	2747
Cunningham, William R. (See Wibel, Cunningham, and Wheeler.)						
Cunningham, William R., assignor to American Clay Machinery Company, Bucyrus, Ohio. Cutting wire	852,107	Apr. 30	6867	1434	127	3473
Cunningham, William R., assignor to American Clay Machinery Co., Bucyrus, Ohio. Interchangeable mold-box	853,442	May 44	2155	449	128	585
Cunningham, William R., assignor to American Clay Machinery Company, Bucyrus, Ohio. Elevator-boot bearing	853,443	May 14	2157	449	128	586
Cunningham, William R., assignor to American Clay Machinery Co., Bucyrus, Ohio. Drying-car for clay products	857,270	June 18	3553	753	128	2666
Cunningham, William R., assignor to American Clay Machinery Co., Bucyrus, Ohio. Wire attachment for brick and tile cutting machines	857,603	June 25	4203	888	128	2859
Cunningham, William R., assignor to American Clay Machinery Co., Bucyrus, Ohio. Screen	858,706	July 2	596	157	129	206
Cunningham, William R., assignor to American Clay Machinery Co., Bucyrus, Ohio. Grinding-mill	860,788	July 23	3812	1045	129	1355
Cunningham, William R., assignor to American Clay Machinery Company, Bucyrus, Ohio. Unloading mechanism	873,991	Dec. 17	3419	728-9	131	1788
Cunningham, William R., assignor to American Clay Machinery Company, Bucyrus, Ohio. Unloading mechanism	873,992	Dec. 17	3423	729	131	1788
Cuno, Charles, Meriden, Conn. Gage for indicating liquid-levels	859,921	July 16	2474	672	129	884

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Cupola Cleaning Company. (See Peacock, Joseph, assignor.)						
Curatolo, James, Philadelphia, Pa. Hydraulic separator.....	846,649	Mar. 12	1893	416	127	512
Curcio, Rocco, Richfield Springs, N. Y. Fountain-brush.....	844,256	Feb. 12	2781	594	126	2524
Curd, Thomas E., assignor of one-fourth to B. F. Earles, Morley, Mo. Nut-lock.....	845,930	Mar. 5	422	87	127	109
Cure, Benjamin A., Clayton, Wash. Skate.....	857,925	June 25	4837	1025	128	3018
Curell, James H., New York, N. Y. Briquet-machine.....	840,608	Jan. 8	1666	365-6	126	471
Curli, Burten, and H. J. Huddleston, Rose Hill, Ill. Broom-corn-harvesting machine.....	869,064	Oct. 22	2923	805-6	130	2280
Curle, Charles W. (See Wheldon and Curle.)						
Curle, James A., et al. (See Dieckmann and Ormrod, assignors.)						
Curlett, William, San Francisco, Cal. Reinforced concrete construction.....	845,763	Mar. 5	60	12	127	19
Curlett, William, San Francisco, Cal. Building block and wall.....	855,047	May 28	5394	1121	128	1477
Curlett, William, San Francisco, Cal. Building-wall.....	855,048	May 28	5396	1121	128	1477
Curlett, William, San Francisco, Cal. Building-wall.....	863,786	Aug. 20	2643	731	129	2972
Curley, George. (See Smith, Enoch, assignor.)						
Curley, James R., New York, N. Y. Safety-razor.....	841,942	Jan. 22	4314	930	126	1218
Curley, Terence F., New York, N. Y. Blade-holder for razor-blades.....	858,155	June 25	5331	1134	128	3145
Curran, Garner, Los Angeles, Cal. Feed-water heater.....	865,875	Sept. 10	1757	489	130	580
Curran, John W., Newport, Ky. Safety-appliance rivet-bolt.....	845,698	Feb. 26	5914	1249	126	3377
Current, Elmer S., Bristol, R. I. Fountain-brush.....	855,758	June 4	612	126	128	1852
Currey, Charles F., assignor of one-half to C. T. Sears, Topeka, Kans. Regulating-valve for liquid-fuel burners.....	867,560	Oct. 1	502	144	130	1469
Currey, Herschel E., Baker City, Oreg. Curette.....	865,571	Sept. 10	1280	362	130	419
Currie, Horace T., Chicago, Ill. Chain.....	857,449	June 18	3884	825	128	2746
Currie, Neil, assignor of one-half to C. L. Warren, Dallas, Tex., and D. Davies, St. Louis, Mo. Watch.....	848,976	Apr. 2	732	148	127	1774
Currie, Otis C. (See Caille, Hamilton, and Currie.)						
Currier, Arthur, assignor to Dodge Needle Company, Manchester, N. H. Metal-working machine.....	848,813	Apr. 2	420	84-5	127	1694
Currier, Charles E., Buffalo, N. Y. Condenser.....	860,449	July 16	3280	896	129	1148
Currier, Charles W., and J. Leitschuh, assignors to Federal Manufacturing Company, Columbus, Ohio. Collar-shaping machine.....	842,863	Feb. 5	44	9-10	126	1801
Currier, Charles W., and J. Leitschuh, assignors to Federal Manufacturing Company, Columbus, Ohio. Collar-shaping attachment.....	842,864	Feb. 5	47	10-11	126	1801
Currier, Hiram D., assignor to Western Electric Company, Chicago, Ill. Circuit for coin-collectors.....	850,352	Apr. 16	3340	696	127	2515
Currier, Robert M. (See Pratt, Charles R., assignor.)						
Curry, Charles F., et al. (See Corrigan, Hamlet, assignor.)						
Curry, Duncan B., Jr., Agricultural College, Miss. Hoe.....	850,736	Apr. 16	4083	853	127	2702
Curry, James, Hudson Heights, assignor of one-half to G. Bob, Woodcliffe, N. J. Clothes-drier.....	845,398	Feb. 26	5334	1131-2	126	3232
Curry, Joseph J., Philadelphia, Pa. Knitting-machine.....	847,243	Mar. 12	3038	669-70	127	796
Curry, Thomas, Pittsburg, Pa. Gas-producer.....	858,580	July 2	363	93	129	129
Certain Supply Company. (See Hopkins, Charles L., assignor.)						
Certain Supply Company. (See Hofaling, Irving L., assignor.)						
Certain Supply Company. (See Houghtaling, Paul A., assignor.)						
Certain Supply Company. (See Keeler, Herbert E., assignor.)						
Curtice, Irvin O., Kansas City, Mo. Kitchen-cabinet.....	854,569	May 21	4410	915	128	1196
Curtin, David E., et al. (See Dohrer, Henry J., assignor.)						
Curtin, David F., St. Louis, Mo. Butter weighing and computing device.....	847,244	Mar. 12	3042	671	127	797
Curtin, David F., St. Louis, Mo. Butter measure and cutter.....	870,496	Nov. 5	979	267	131	317
Curtin, James R., Alexandria, Va. Sash-weight.....	856,035	June 4	1132	236	128	1980
Curtis, Arthur R., Golden, Colo. Sliding-door construction.....	841,378	Jan. 15	3202	690	126	903
Curtis, Augustus D., Chicago, Ill. Reflector.....	871,915	Nov. 26	3698	902	131	998
Curtis, Charles G., New York, N. Y., assignor, by mesne assignments, to General Electric Company. Elastic-fluid turbine.....	860,595	July 16	3491	959-61	129	1218
Curtis, Charles G., New York, N. Y., assignor, by mesne assignments, to General Electric Company. Elastic-fluid turbine.....	875,244	Dec. 31	6006	1282	131	2255
Curtis, Charles W., assignor to Sill Stove Works, Rochester, N. Y. Cooking-stove.....	851,801	Apr. 30	6204	1295	127	3305
Curtis, Edward B., Parker, S. D. Reel for wagons.....	854,081	May 21	3499	721	128	965
Curtis, Leo W., assignor of one-half to W. Mattick, Breckenridge, Mich. Pump-rod bolt.....	849,663	Apr. 9	2071	425	127	2150
Curtis, Leslie L., Oneonta, N. Y. Single-trigger mechanism for double-barrel guns.....	858,581	July 2	364	94	129	130
Curtis, Leverett L., et al. (See Rittman, Christian A., assignor.)						
Curtis, Lewis E., assignor to O. Bradford, Chicago, Ill., and W. L. Caldwell, New York, N. Y. Machine for slitting sheet metal.....	845,764	Mar. 5	61	12-13	127	19
Curtis, Samuel, Kirkwood, Mo., assignor to Modern Machine Company, St. Louis, Mo. Embossing-press.....	842,865	Feb. 5	48	11-12	126	1801
Curtis, Walter L., Worcester, Mass. Wire paper-clip.....	874,572	Dec. 24	4653	977	131	2011
Curtis, Willard A., St. Paul, Minn. Truck.....	855,619	June 4	338	69	128	1781
Curtis, Zenas A., Channing, Tex. Wire-stretcher.....	842,866	Feb. 5	51	12	126	1802
Curtis, Zenas A., Channing, Tex. Cushioned tire.....	846,455	Mar. 12	1488	330	127	406
Curtiss, Clarence E., Grand Rapids, Mich. Pulley attachment.....	851,802	Apr. 30	6205	1296	127	3306
Curtright, Travis L., Shelbina, Mo. Wood-sawing machine.....	862,886	Aug. 13	1287	349	129	2513
Curwen, Samuel M., Haverford, assignor to J. A. Brill, Philadelphia, Pa. Car.....	852,774	May 7	797	159-60	128	207
Curwen, Samuel M., assignor to J. A. Brill, Philadelphia, Pa. Automatic brake-hanger.....	852,933	May 7	1158	238	128	294
Curwood, Arthur, Campbelltown, New Zealand. Means for balancing and fastening window-sashes.....	868,972	Oct. 22	2777	766	130	2234
Cusack, George B., assignor to F. E. Wright and W. H. Osborn, Mexico, N. Y. Spring-wagon.....	861,712	July 30	5266	1448	129	1852
Cushing, Samuel D., assignor to J. B. Semple, Sewickley, Pa. Fuse for projectiles.....	860,354	July 16	3128	856	129	1098
Cushing, Walter V., Chicago, Ill. Railway-crossing.....	860,734	July 23	3724	1020	129	1325
Cushman, Albert H., Chicago, Ill., assignor to Morley Manufacturing Company, Boston, Mass. Button-holder.....	842,177	Jan. 29	4810	1027	126	1373
Cushman, Albert H., Chicago, Ill., assignor to Morley Manufacturing Company, Boston, Mass. Tool for placing shanked buttons.....	857,385	June 18	3772	798	128	2721
Cushman, Allerton S., Connecticut. Extracting potash from feldspathic or other potash-bearing rock.....	851,922	Apr. 30	6468	.....	127	3374
Cushman, Andrew J. (See Moon and Cushman.)						
Cushman & Denison Manufacturing Company. (See Hamburg, Henry P., assignor.)						
Cushman, Everett B. (See Cushman, Leslie S. and E. B.)						
Cushman, Everett B. and L. S., Lincoln, Nebr. Carbureter.....	861,438	July 30	4869	1334	129	1729
Cushman, Leslie S. (See Cushman, Everett B. and L. S.)						
Cushman, Leslie S., Lincoln, Nebr. Sparking mechanism for internal-combustion engines.....	866,001	Sept. 17	1953	545	130	671
Cushman, Leslie S. and E. B., Lincoln, Nebr. Gas-engine.....	858,707	July 2	597	157	129	206
Custer, Dwight W., Brooklyn, N. Y. Postal mailing-card.....	873,024	Dec. 10	1515	317	131	1435
Custer, Edgar A., Philadelphia, Pa. Casting pipes.....	870,817	Nov. 12	1514	413	131	525

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Custer, Edgar A., Philadelphia, Pa. Mold for casting pipes.	870,868	Nov. 12	1587	436	131	547
Custer, Edgar A., Philadelphia, Pa. Apparatus for holding and pouring metal into molds for casting-machines.	870,869	Nov. 12	1588	436	131	547
Custer, Edgar A., Philadelphia, Pa. Apparatus for casting metal pipes.	870,870	Nov. 12	1590	436-7	131	548
Custer, Edgar A., and R. A. Pitman, assignors to Tacony Iron Works, Philadelphia, Pa. Apparatus for coating pipes and other articles.	856,996	June 11	3022	635-7	128	2491
Custer, Peter A., Manchester, Ill. Steering-gear.	860,735	July 23	3727	1021	129	1326
Cutler, Clarence B., Stanhope, N. J., assignor to H. H. Richardson, Brooklyn, N. Y. Machine for cleaning printers' rollers.	840,440	Jan. 1	1316	291-2	126	344
Cutler Hammer Clutch Company. (See Rowell, Lewis D., assignor.)						
Cutler-Hammer Mfg. Co. (See Barnum, Thomas E., assignor.)						
Cutler-Hammer Mfg. Co. (See Berresford, Arthur W., assignor.)						
Cutler-Hammer Mfg. Co. (See Henderson and Bassett, assignors.)						
Cutler-Hammer Manufacturing Company. (See Cutler, Henry H., assignor.)						
Cutler-Hammer Manufacturing Company. (See Johannsmeyer, Frederick, assignor.)						
Cutler-Hammer Manufacturing Company. (See Wiegand, Henry J., assignor.)						
Cutler, Henry H., assignor to Cutler-Hammer Manufacturing Company, Milwaukee, Wis. Clutch-controlled elevator.	844,661	Feb. 19	3863	819-20	126	2821
Cutler, Henry H., assignor to Cutler-Hammer Manufacturing Company, Milwaukee, Wis. Electrically-controlled skip-hoist.	844,662	Feb. 19	3868	820	126	2822
Cutler, Henry H., assignor to Cutler-Hammer Manufacturing Company, Milwaukee, Wis. Self-starter for electric motors.	844,663	Feb. 19	3873	820	126	2823
Cutler, Henry H., assignor to Cutler-Hammer Mfg. Co., Milwaukee, Wis. Phase-splitter and clutch.	844,997	Feb. 19	4507	961	126	2985
Cutler, Joseph W., assignor to Cutler Manufacturing Company, Rochester, N. Y. Closure for mail-chutes.	862,450	Aug. 6	578	153	129	2271
Cutler, Joseph W., assignor to Cutler Manufacturing Company, Rochester, N. Y. Mail-chute.	874,053	Dec. 17	3556	757-8	131	1808
Cutler Manufacturing Company. (See Cutler, Joseph W., assignor.)						
Cutler, Walter A., Whiteclay, Nebr. Churn.	865,684	Sept. 10	1446	409-10	130	472
Cutsforth, Fred D., Chetek, Wis. Corn-planting machine.	842,388	Jan. 29	5266	1117	126	1493
Cutter Electric & Manufacturing Company. (See Scott, William M., assignor.)						
Cutter, George, South Bend, Ind. Adjustable bracket.	840,046	Jan. 1	506	110	126	135
Cutter, John D., New York, N. Y. Dental floss.	872,908	Dec. 3	1244	265	131	1362
Cutter, Solomon M., Ashland, Mass. Machine for making horseshoe-nails.	852,376	Apr. 30	7358	1545	127	3596
Cutter, William M., and W. A. Sutfin, Marysville, Cal.; said Sutfin assignor of one-half to said Cutter. Voting-machine.	856,997	June 11	3027	638	128	2492
Cutter, William M., and W. A. Sutfin, Marysville, Cal.; said Sutfin assignor of one-half of his right to said Cutter. Voting-machine.	862,866	Aug. 6	1254	340	129	2468
Cutter, William O., Natick, Mass. Device for propelling and steering vessels.	855,165	May 28	5643	1174	128	1539
Cutter, William O., Natick, Mass. Brush-holder.	856,515	June 11	2121	436	128	2265
Cutting, E. M. (See Scott, William R., assignor.)						
Cuttle, Matthew C., Norwich, Conn. Dyer's vat.	853,627	May 14	2538	527	128	685
Cutts, Richard M., U. S. Marine Corps, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Cartridge-pouch.	855,098	May 28	5514	1144	128	1506
Cyclone Grate Bar Company. (See Truesdell, Henry, assignor.)						
Cyphers, Charles A., assignor, by mesne assignments, to Model Incubator Company, Buffalo, N. Y. Thermostat.	873,511	Dec. 10	2463	519	131	1596
Cyphers, Charles A., assignor, by mesne assignments, to Model Incubator Company, Buffalo, N. Y. Brooder.	873,993	Dec. 17	3426	729	131	1789
Cyphers Incubator Company. (See Davis, Clarence Z., assignor.)						
Cyr, Denis J., Hugo, Minn. Clamp.	870,419	Nov. 5	875	234-5	131	288
Cyr, Joseph T., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Filling-detector mechanism for looms.	861,639	July 30	5159	1415	129	1822
Cyr, Joseph T., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Welf-replenishing loom.	864,956	Sept. 3	308	82-3	130	98
Czarra & Proctor. (See Proctor, Maro L., assignor.)						
Czepull, Julius J., Lancaster, Pa., assignor to Carbon-Ray Coal Company. Artificial fuel.	845,336	Feb. 26	5207	.....	126	3202
Czepull, Julius J., Lancaster, Pa., assignor to Carbon-Ray Coal Company. Artificial fuel.	845,337	Feb. 26	5208	.....	126	3202
Czepull, Julius J., Lancaster, Pa., assignor to Carbon-Ray Coal Company. Artificial fuel.	854,470	May 21	4228	.....	128	1152
Czerny, Josef, assignor to M. Lempert, New York, N. Y. Composition for treating paper.						
D. H. Burrell & Company. (See Burrell, Loomis, assignor.)						
D. H. Burrell & Company. (See Hoyt, Matthew L., assignor.)						
D. M. Sechler Carriage Company. (See Samuels, Jonathan H., assignor.)						
D-S-B. Company. (See Lee, George B., assignor.)						
D. T. Owen Company. (See Owen, David T., assignor.)						
D'Agostino, Nicola, Chicago, Ill. Cylinder for macaroni-machines.	841,852	Jan. 22	4151	894	126	1182
D'Alessandro, Julius, Walnut Grove, Cal. Vehicle-top support.	858,435	July 2	111	31	129	37
D'Angelo, Pasquale, Newark, N. J. Padlock.	863,053	Aug. 13	1524	413	129	2589
D'Arcy, Frank P., Kalamazoo, Mich. Spring.	867,962	Oct. 15	1168	323	130	1711
D'Aversa, Ferdinand, and J. Campanello, New York, N. Y. Combined collar-button and necktie-holder.	868,535	Oct. 15	2074	581	130	1987
D'Elia, Louis, Seattle, Wash. Life-saving apparatus.	863,787	Aug. 20	2644	731	129	2973
D'Espinosa, Nicola, Lynn, Mass. Smoker's pipe.	840,997	Jan. 8	2414	528	126	657
D'Humy, Fernand E., Englewood, N. J. Massage implement.	871,121	Nov. 19	2015	548	131	706
D'Humy, Fernand E. D., Englewood, N. J. Telephonic repeating circuit and apparatus.	847,777	Mar. 19	4139	904	127	1101
D'La Monte, Cascious H., assignor, by mesne assignments, to International Speed Register Co., Philadelphia, Pa. Speed-recorder.	868,570	Oct. 15	2123	593-4	130	2004
D'La Monte, Cascious H., assignor, by mesne assignments, to International Speed Register Co., Philadelphia, Pa. Speed-recording instrument.	872,186	Nov. 26	4291	1025-6	131	1088
D'Olier, Henry Jr., Philadelphia, Pa. Incandescent-lamp shade.	862,965	Aug. 13	1398	380	129	2549
D'Olier, William L., Philadelphia, Pa. Single-shaft centrifugal machine.	846,403	Mar. 5	1362	299	127	345
D'Unger, Robert, Chicago, Ill., assignor to Electric Loop and Cable Company. Electric cable.	852,778	May 7	808	162	128	210
D'Yarmett, Edward C., Bartlesville, Ind. Tor. Game apparatus.	854,937	May 28	5169	1077	128	1420
Dahoo, Dorabji M., Bombay, India. Electric signaling.	875,413	Dec. 31	6342	1322	131	2309
Dackiewicz, Charles, assignor of one-half to L. Odziemczewski, Donora, Pa. Double-cone ball-bearing axle.	870,276	Nov. 5	628	168	131	205
Daelenbach, Carl R., Braddock, Pa. Internal-combustion engine.	866,002	Sept. 17	1954	545	130	671
Dages, Louis P., assignor of one-half to G. P. Zulauf, Baltimore, Md. Mold-preparing machine.	854,932	May 28	5157	1075-6	128	1417
Dahl, Albert, New York, N. Y. Folding step-ladder.	870,940	Nov. 12	1717	470	131	586
Dahl, Anton. (See Linn, John A., assignor.)						
Dahl, August H., and A. E. Whitely, assignors of one-tenth to C. O. Dahl, New York, N. Y. Conveyor.	856,682	June 11	2451	504-5	128	2349

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Dahl, Benjamin, Bloomer, Wis. Traction and power attachment for threshing-machines.	847,736	Mar. 19	4060	887	127	1082
Dahl, Charles A., assignor to Reece Button Hole Machine Company, Boston, Mass. Buttonhole-stitching machine.	862,238	Aug. 6	211	58	129	2148
Dahl, Charles O. (See Dahl and Whitely, assignors.)						
Dahl, Harry M. (See Brown and Dahl.)						
Dahl, John, Ashland, Wis. Air-tight oil-can.	846,783	Mar. 12	2141	470	127	575
Dahl, Ole W., Malden, assignor of two-thirds to H. L. Christiansen and H. Tidemand, Boston, Mass. Perpetual calendar.	841,669	Jan. 22	3754	815-16	126	1077
Dahlhaus, Fritz, Philadelphia, Pa. Paint-oil.	867,951	Oct. 15	1168		130	1711
Dahlin, August, Stockholm, Wis. Manure and straw gatherer.	855,445	June 4	10	3	128	1697
Dahlke, Hermann, Dreyseplatz, assignor to Rheinische Metallwaren-und Maschinenfabrik, Düsseldorf-Derendorf, Germany. Time-fuse.	865,298	Sept. 3	822	237	130	248
Dahly, John, assignor to Latham Machinery Company, Chicago, Ill. Gage for perforators.	851,656	Apr. 30	5919	1237	127	3230
Dahms, Hugo, Berlin, Germany. Horseshoe.	849,979	Apr. 9	2635	550	127	2293
Dailey, Carolus E., Brooklyn, N. Y. Machine for decorticating manila fiber, &c.	867,386	June 18	3775	798	128	2722
Dailey, Carolus E., Brooklyn, N. Y. Machine for decorticating manila fiber.	863,906	Aug. 20	2826	777	129	3030
Dailey, Ellen C., New York, N. Y. Fitting-table for dressmakers, &c.	863,512	Aug. 13	2226	601-2	129	2809
Dailey, William M., Chauncey, Ohio. Foot-propelled vehicle.	841,635	Jan. 15	3680	798-9	126	1026
Dailor, John E., Rochester, N. Y. Street-sweeping machine.	859,487	July 9	1805	485	129	638
Daimler-Motoren-Gesellschaft. (See Moewes, Ernst, assignor.)						
Daimler-Motoren-Gesellschaft. (See Schnaitmann, Karl, assignor.)						
Daily, William H., Tucson, Ariz. Ter. Fluid-brake mechanism.	860,789	July 23	3814	1045-6	129	1356
Daily, William P. (See Finch, Oscar T., assignor.)						
Daimler Motorengesellschaft. (See Lorenz, Wilhelm, assignor.)						
Daimler, Paul, Untertürkheim, Germany. Reversing-gear.	849,372	Apr. 9	1503	305	127	2006
Dain, Joseph, Ottumwa, Iowa. Hay-stacker.	840,477	Jan. 8	1395	308-9	126	403
Dain, Joseph, Ottumwa, Iowa. Hay-rake.	846,456	Mar. 12	1490	330-1	127	406
Dain, Joseph, Ottumwa, Iowa. Hay-press.	857,604	June 25	4206	889	128	2859
Dain, Joseph, Ottumwa, Iowa. Hay-stacker.	867,248	Oct. 1	27	8-9	130	1325
Dain, Joseph, Jr., Ottumwa, Iowa. Mill.	844,303	Feb. 12	2885	613-14	126	2549
Daisy Manufacturing Company. (See Bennett, Frederick F., assignor.)						
Dake, Charles W., Grand Rapids, Mich. Elastic-fluid turbine.	841,486	Jan. 15	3407	734-5	126	956
Dake, Charles W., Grand Rapids, Mich. Governing means for turbines.	845,058	Feb. 26	4645	988	126	3059
Dake, Charles W., Grand Rapids, Mich. Elastic-fluid turbine.	845,059	Feb. 26	4648	988	126	3060
Dake, Charles W., Grand Rapids, Mich. Governing means for turbines.	845,060	Feb. 26	4650	989	126	3061
Dake, Charles W., Grand Rapids, Mich. Elastic-fluid turbine.	848,587	Mar. 26	5739	1254	127	1532
Dake, Charles W., Grand Rapids, Mich. Elastic-fluid turbine.	848,588	Mar. 26	5740	1255-6	127	1533
Dake, Charles W., Grand Rapids, Mich. Elastic-fluid turbine.	858,500	July 2	243	59	129	88
Dake, Charles W., Grand Rapids, Mich. Reversible elastic-fluid turbine.	869,773	Oct. 29	4041	1115-16	130	2648
Dalby, William E., Hester, N. C. Lubricating-axle.	874,740	Dec. 24	4991	1051	131	2067
Dale, Harvey L. (See Dale, Jonathan and H. L.)						
Dale, John H. (See Lewis, Herman J. S., assignor.)						
Dale, John H., New York, N. Y. Cluster-socket.	846,912	Mar. 12	2406	529	127	641
Dale, John H., New York, N. Y. Canopy for electric fixtures.	873,994	Dec. 17	3428	730	131	1789
Dals, Jonathan, Kinston, N. C., and H. L. Dale, Newport News, Va. Trolley-controlling device.	843,445	Feb. 5	1194	251	126	2090
Dalén, Gustaf, Stockholm, Sweden. Joint-tightening device.	858,859	Nov. 2	870	226-7	129	299
Dalén, Gustaf, Stockholm, Sweden. Elastic-fluid turbine.	872,055	Nov. 26	4042	968-9	131	1045
Dalén, Gustaf, assignor to Aktiebolaget Gasaccumulator, Stockholm, Sweden. Fluid-pressure-regulating device.	855,620	June 4	339	69	128	1781
Dalén, Gustaf, assignor to Aktiebolaget Gasaccumulator, Stockholm, Sweden. Signal-light apparatus.	857,035	June 18	3103	655	128	2551
Dalén, Gustaf, Stockholm, Sweden, assignor to De Laval Steam Turbine Company. Elastic-fluid turbine.	858,860	July 2	871	227	129	300
Dalén, Gustaf, assignor to Aktiebolaget Gasaccumulator, Stockholm, Sweden. Signal-light apparatus.	859,372	July 9	1649	439	129	587
Dalén, Gustaf, assignor to Aktiebolaget Gas Accumulator, Stockholm, Sweden. Gas-pressure-regulating device.	869,830	Oct. 29	4129	1140	130	2675
Daley, Daniel M., West Seneca, N. Y. Air-brake system.	852,103	Apr. 30	6868	1435	127	3473
Daley, Dennis W., C. A. Gunn, and F. R. Daley, assignors of two-fifths to M. and E. Daley, Pittsburg, Pa. Combined water heater and still.	849,210	Apr. 2	1199	243	127	1895
Daley, Edwin W., and C. Johnson, assignors to Nashville Chemical Company, Nashville, Tenn. Composition of matter for fire-kindling.	846,554	Mar. 12	1679		127	456
Daley, Elvie, et al. (See Daley, Gunn, and Daley, assignors.)						
Daley, Frank R. (See Daley, Gunn, and Daley.)						
Daley, Fred A., San Francisco, Cal. Hanger of the pendulum nature for stone-saws.	851,731	Apr. 30	6075	1269	127	3271
Daley, Mollie, et al. (See Daley, Gunn, and Daley, assignors.)						
Dalitz, Harry, Cleveland, Ohio. Trousers-press.	844,712	Feb. 19	3979	845	126	2849
Dalkranian, James K., assignor, by mesne assignments, to United States Persian Carpet Company, New York, N. Y. Pile-fabric loom.	858,961	July 2	1017	265-7	129	348
Dalkranian, James K., assignor, by mesne assignments, to United States Persian Carpet Company, New York, N. Y. Pile-fabric loom.	858,962	July 2	1021	267-9	129	349
Dalkranian, James K., assignor, by mesne assignments, to United States Persian Carpet Company, New York, N. Y. Pile-fabric loom.	858,963	July 2	1027	269-71	129	351
Dalkranian, James K., assignor, by mesne assignments, to United States Persian Carpet Company, New York, N. Y. Woven fabric.	862,056	July 30	5768	1602	129	2006
Dalluge, Rudolph A., Venice, Cal. Machine for issuing cash.	874,307	Dec. 17	4117	867-8	131	1893
Dally, Otto C., Dogtooth, N. D. Buckle.	845,164	Feb. 26	4854	1029	126	3115
Dalmer, Robert, London, England. Vehicle-wheel and pneumatic tire for same.	853,228	May 14	1742	361-2	128	473
Dalrymple, James C., Charleston, S. C. Device for measuring standing timber.	855,759	June 4	613	126	128	1852
Dalrymple, James W., Solisbury, Ind. Soil pulverizer, lister, and marker.	857,036	June 18	3105	665	128	2552
Dalton, Charles F. (See McIntire, George A., assignor.)						
Dalton, John T., assignor of one-half to W. H. Crowell, Virgilina, Va. Bag-stringing machine.	862,057	July 30	5769	1603-6	129	2006
Dalton, Mathew W., Willard, Utah. Fire-escape.	848,640	Apr. 2	38	9	127	1594
Dalton, Richard, Wilmette, Ill. Excavating-machine.	868,912	Oct. 22	2686	742-3	130	2206
Dalton, William, Schenectady, assignor to American Locomotive Company, New York, N. Y. Cushioning appliance for locomotives.	841,379	Jan. 15	3205	691	126	904
Dalton, William, Schenectady, assignor to American Locomotive Company, New York, N. Y. Locomotive-truck.	841,380	Jan. 15	3206	691	126	904
Dalton, William, Schenectady, assignor to American Locomotive Company, New York, N. Y. Cushioning appliance for locomotives.	868,913	Oct. 22	2693	743-4	130	2208
Daly, Benjamin F., New York, N. Y. Ice-making apparatus.	847,737	Mar. 19	4062	887	127	1083
Daly, Charles F., Newark, and H. C. Morrison, Zanesville, Ohio. Music-stand.	850,998	Apr. 23	4577	959	127	2866
Daly, Cornelius J., assignor of one-fourth to J. O. Eberhard, Jr., Philadelphia, Pa. Bottle and jar.	849,211	Apr. 2	1201	243-4	127	1896
Daly, John A., Washington, D. C. Coating lace with metal.	844,304	Feb. 12	2888		126	2549

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Daly, Michael J., and T. S. Leake, Chicago, Ill. Window.	862,451	Aug. 6	580	154	129	2271
Dam, Cleveland L., <i>et al.</i> (See Hammond, Grant, assignor.)						
Dameron, Adolphus, Maysville, Ga. Automobile-tire.	862,545	Aug. 6	756	201	129	2318
Damman, Harold H., Pullman, Wash. Mowing-machine.	859,748	July 9	2201	596	129	766
Damman, Henry H. (See Kane, John H., assignor.)						
Damman, Henry H., Kiowa, Kans. Poultry-brooder.	852,653	May 7	563	107	128	147
Damman, Henry H., assignor of one-half to J. H. Kane, Kiowa, Kans. Poultry-brooder.	852,652	May 7	561	107	128	147
Damon, Nicolas, Lyon, France. Corset-busk.	863,156	Aug. 13	1706	459	129	2646
Damonte, Joseph A. R., New Orleans, La. Magnetic tack-hammer.	840,441	Jan. 1	1322	292	126	346
Dampman, David E., Reading, Pa. Floor-scraper.	848,160	Mar. 26	4909	1072	127	1327
Damron, Calvin A., Covington, Va. Railway-tie.	863,052	Aug. 13	1523	413	129	2588
Damzin, Martin, Detroit, Mich. Boat-propelling mechanism.	871,326	Nov. 19	2478	640	131	776
Dana, Robert S., Hampton Falls, N. H., assignor of one-half to E. L. Sprague, Newton, Mass. Window-hinge.	851,224	Apr. 23	5036	1060	127	2979
Dana, William F., and H. W. Knott, New York, N. Y. Electric rheostat.	841,232	Jan. 15	2904	631	126	826
Dana, William H., assignor to L. Rauh, Dayton, Ohio. Voting-machine.	845,860	Mar. 5	246	50-2	127	64
Dana, Woodbury K., Westbrook, Me. Picker-nozzle for pneumatic cotton-picking machines.	859,204	July 9	1375	365	129	493
Dancel, Christian, Brooklyn, N. Y. Mechanism for feeding blanks.	856,771	June 11	2615	538	128	2391
Dander, Otto, Königsberg, Germany. Wood-polishing machine.	871,111	Nov. 19	1994	543	131	703
Danes, Elizabeth M. (See Miller, Charles, assignor.)						
Danford, Tad, Granby, Colo. Wave-power motor.	854,082	May 21	3500	721-2	128	965
Danforth, Albert H., Monson, Mass. Builder's bracket.	865,017	Sept. 3	405	108	130	125
Danforth, Joseph B., Goliad, Tex. Clamp.	849,980	Apr. 9	2637	551	127	2294
Danforth, Montgomery E., Washington, D. C., assignor to United States Radiator Company, Dunkirk, N. Y. Box-base for radiators.	852,318	Apr. 30	7240	1520	127	3566
Danger, Firm of H. (See Rummel and Schmidt, assignors.)						
Daniel, Charles E., and W. Keller, assignors of one-half to R. Taylor and G. Young, Sandusky, Ohio. Crayon-molding machine.	869,692	Oct. 29	3927	1082	130	2615
Daniel, Charles S., Melbourne, Wash. Hand-grip for firearms.	859,804	July 9	2280	621	129	792
Daniel, Francis, West Somerville, Mass. Water-alarm apparatus for vessels.	868,254	Oct. 15	1615	457	130	1849
Daniel, Henry, Crofton, Mich. Check-valve.	860,283	July 16	3016	825	129	1062
Daniel, Jefferson D., Pleasant Hill, Ga. Wrench.	847,916	Mar. 19	4448	974	127	1174
Daniel, Paul, New York, N. Y. Clutch.	871,033	Nov. 12	1849	507	131	628
Daniel, Robert O., Comanche, assignor of one-third to J. E. Jameson, Dallas, Tex. Wrench.	859,922	July 16	2475	673	129	884
Daniel, William H., Bessemer, Ala. Attachment for fireplaces.	858,373	July 2	18	7	129	7
Daniel, Wilson H., Jasper, Ind. Cultivator.	869,481	Oct. 29	3582	982	130	2511
Daniels, Charles C. (See Hart and Daniels, assignors.)						
Daniels, Clinton C., Grants Pass, Ore. Railway-tie.	853,773	May 14	2838	584	128	764
Daniels, Dan, Dover, N. H. Leather-skiving machine.	850,627	Apr. 16	3876	809-10	127	2651
Daniels, Frank J. (See Hart and Daniels.)						
Daniels, Fred H., Worcester, Mass. Steam-engine condenser system.	853,772	May 14	2837	583	128	763
Daniels, Fred H., Worcester, Mass. Apparatus for treating wire rods.	854,807	May 28	4893	1016	128	1347
Daniels, Fred H., Worcester, Mass. Treatment of wire rods.	854,808	May 28	4894	1017	128	1347
Daniels, Fred H., Worcester, Mass. Wire-coiling apparatus.	854,809	May 28	4897	1017	128	1348
Daniels, Fred H., Worcester, Mass. Manufacture of wire rods.	854,810	May 28	4898	1017-19	128	1348
Daniels, Fred H., Worcester, Mass. Rod or hoop mill.	867,249	Oct. 1	31	10	130	1326
Daniels, Fred H., Worcester, Mass. Concrete-floor structure.	871,568	Nov. 19	3001	748	131	857
Daniels, Fred H., A. F. Backlin, and H. K. Swinscoe, assignors to American Steel and Wire Company, Worcester, Mass. Recovering sulfate crystals.	857,793	June 25	4582	969-70	128	2957
Daniels, George E., Rowley, Mass. Cutting-block.	855,940	June 4	966	200	128	1937
Daniels, Jay V., London, England. Device for producing vibrations.	847,654	Mar. 19	3894	851	127	1044
Daniels, Jay V., London, England. Vibrating machine for massaging purposes.	868,534	Oct. 15	2074	581	130	1986
Daniels, Johann J., New Rochelle, N. Y. Window-blind fastener.	852,654	May 7	564	107-8	128	147
Daniels, Leroy W., Brooklyn, N. Y. Bookbinder's-leaf-applying machine.	855,621	June 4	340	70	128	1781
Daniels, Monroe H., Waverly, Iowa. Cow-milking device.	843,446	Feb. 5	1196	251	126	2090
Daniels, Walter E., Chicago, Ill. Arc-lamp.	873,414	Dec. 10	2287	477	131	1564
Daniels, Walter E., Chicago, Ill. Arc-lamp.	873,415	Dec. 10	2289	477	131	1564
Danielsen, Wilhelm G., Logan, Utah. Plow.	853,004	May 7	1306	272	128	331
Danielson, Albin, Chicago, Ill. Door-holder.	852,655	May 7	567	108	128	148
Danielson, Daniel B., Milwaukee, Wis. Column construction.	874,395	Dec. 24	4295	904	131	1954
Danielson, Edward. (See Helvig and Danielson.)						
Danielson, Frank, and O. Cronwell, Chicago, Ill. Air-jacket for cylinders of engines.	859,205	July 9	1376	365	129	494
Dankel, William J., Pittsburg, Kans. Automatic air-brake for cars.	841,636	Jan. 15	3682	799	126	1026
Danker, Hugo M., Austin, Ill. Cord or twine holder.	874,168	Dec. 17	3825	806	131	1846
Dann, George E. (See Dann, Isaac N. and G. E.)						
Dann, George E., assignor to Rattan Mfg. Co., New Haven Conn. Folding baby-carriage.	874,308	Dec. 17	4123	868	131	1893
Dann, Isaac N. and G. E., assignors to Rattan Mfg. Co., New Haven, Conn. Folding baby-carriage.	871,483	Nov. 19	2822	710	131	827
Dann, Joseph A., Miami, Fla. Vehicle reach-coupling.	844,501	Feb. 19	3296	711	126	2690
Dannelly, Frank M. (See Makley, Manett, and Dannelly.)						
Danner, Samuel, Doniphan, Mo. Egg-beater.	846,829	Mar. 12	2240	491	127	599
Dannert, Fritz, assignor to J. A. Hutmacher, Berlin, Germany. Generator for water-gas.	874,309	Dec. 17	4125	868-9	131	1893
Danquard, Thomas, assignor to Autopiano Co., New York, N. Y. Spring-catch.	852,422	May 7	23	5	128	9
Danquard, Thomas, assignor to Autopiano Company, New York, N. Y. Narrow-music-sheet attachment for musical instruments.	871,787	Nov. 26	3418	840	131	955
Danquard, Thomas, assignor to Autopiano Company, New York, N. Y. Modulating attachment for automatic musical instruments.	871,788	Nov. 26	3420	840-1	131	955
Danquard, Thomas, assignor to Autopiano Company, New York, N. Y. Automatic musical instrument.	872,611	Dec. 3	611	129	131	1263
Danquard, Thomas, assignor to Autopiano Company, New York, N. Y. Pneumatic motor and speed-governor. (Reissue).	12,736	Dec. 31	6973	1452	131	2395
Dantzig, David, New York, N. Y., and J. Bonowitz, Philadelphia, Pa. Sewing-machine gage.	855,286	May 28	5865	1222	128	1596
Danver, James H. (See Cline and Danver.)						
Danver, James H., Beaver, Pa. Means for securing fixtures to supporting-surfaces.	842,528	Jan. 29	5576	1179	126	1572
Danz, Jacob, 2d St. Paul, Minn. Sheet-metal pail for lard, &c.	872,992	Dec. 3	1405	295	131	1389
Danzon, Francis, Washington, D. C. Bee-smoker.	856,133	June 4	1315	275	128	2025
Darby, Averno A., Vidalia, Ga. Rotary motor.	843,075	Feb. 5	479	101	126	1916
Darby, Ernest H., <i>et al.</i> (See Harriss, Jefferson D., assignor.)						
Darcy, Frederick, and S. Lubin, Philadelphia, Pa. Illusion apparatus for amusement.	874,169	Dec. 17	3826	806	131	1846
Dardis, William J. (See Haggerty and Dardis.)						
Darke, Edward T. London, England. Inkstand.	862,313	Aug. 6	346	95	129	2191
Darke, Jesse M. (See McArthur and Darke.)						
Darley, John W., Jr. (See Sandlas and Darley.)						
Darley, John W., Jr., Baltimore, Md. Automatic grand piano.	859,187	July 2	1345	357	129	454

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Darley, John W., Jr., Baltimore, Md. Self-playing piano.....	867,113	Sept. 24	3622	1027-8	130	1227
Darley, John W., Jr., assignor to E. J. Knabe, Jr., Baltimore, Md. Pedal for self-playing grand pianos.....	858,263	June 25	5522	1197-80	128	3194
Darley, John W., Jr., assignor to E. J. Knabe, Jr., Baltimore, Md. Tempo-controller for automatic piano-players.....	861,575	July 30	5061	1389	129	1792
Darley, John W., Jr., assignor to E. J. Knabe, Jr., Baltimore, Md. Air-duct and connection for self-playing grand pianos.....	867,114	Sept. 24	3624	1029	130	1228
Darley, John W., Jr., assignor to E. J. Knabe, Jr., Baltimore, Md. Automatic piano.....	867,875	Oct. 8	999	284-5	130	1638
Darley, John W., Jr., assignor to Wm. Knabe & Co. Manufacturing Company of Baltimore City, Baltimore, Md. Combined manually and mechanically operated piano.....	871,916	Nov. 26	3699	902-3	131	998
Darley, John W., Jr., assignor to Wm. Knabe & Co. Manufacturing Company of Baltimore City, Baltimore, Md. Combined manually and mechanically operated piano.....	871,917	Nov. 26	3706	904	131	999
Darley, John W., Jr., assignor to Wm. Knabe & Co. Manufacturing Company of Baltimore City, Baltimore, Md. Combined manually and mechanically operated piano.....	871,918	Nov. 26	3711	904-5	131	999
Darley, John W., Jr., assignor to Wm. Knabe & Co. Manufacturing Company of Baltimore City, Baltimore, Md. Combined manually and mechanically operated piano.....	871,919	Nov. 26	3717	905-6	131	1000
Darley, John W., Jr., assignor to Wm. Knabe & Co. Manufacturing Company of Baltimore City, Baltimore, Md. Piano-action frame.....	872,292	Nov. 26	4505	1069-70	131	1121
Darling, Alma E., Barre, Vt. Garment-supporter.....	859,873	July 9	2398	652	129	827
Darling, Frank, assignor of one-half to A. Tappen, Morris, Ill. Drag.....	845,221	Feb. 26	4974	1058	126	3145
Darling, George W., Marshalltown, Iowa. Nut-lock.....	855,698	June 4	487	101	128	1820
Darling, Harvey A., Coshocton, Ohio. Gas-burner.....	851,346	Apr. 23	5291	1109	127	3045
Darling, Henry M., assignor to Seneca Falls Manufacturing Company, Seneca Falls, N. Y. Gear-cutting mechanism.....	867,189	Sept. 24	3757	1061-2	130	1272
Darling, Mell S., G. N. Preston, and M. D. Erickson, Spring Valley, Wis. Mail-carrying cabinet.....	859,645	July 9	2058	555-6	129	719
Darlington, Frederick, Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Temperature-regulator.....	854,276	May 21	3870	799	128	1061
Darlington, Frederick, Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Means for cooling transformers.....	854,277	May 21	3873	799	128	1062
Darlington, Frederick, Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Radiator.....	854,278	May 21	3875	799	128	1062
Darlington, Frederick, and O. S. Schairer, Pittsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. System of control.....	873,351	Dec. 10	2171	453	131	1542
Darlington, Howard D., Norwood, Ohio. Game device.....	846,286	Mar. 5	1124	245	127	285
Darlington, Philip J., Glenridge, N. J., assignor to Sprague Electric Company. Self-adjusting brake for hoists.....	867,483	Oct. 1	380	110	130	1431
Darlington, Philip J., Glenridge, N. J., assignor to Sprague Electric Company. Spur-gear hoist.....	867,484	Oct. 1	382	110	130	1432
Darlington, Philip J., Hinsdale, Ill. Recorder.....	870,667	Nov. 12	1264	344	131	445
Darnall, Charles L. (See Stover and Darnall.)						
Darnall, Milton T., Greencastle, Ind. Hog and meat hanger.....	847,738	Mar. 19	4063	887	127	1083
Darr, Samuel A. (See York and Darr.)						
Darraha, Charles A., Ottumwa, Iowa. Sickle-drive for mowers and the like.....	865,241	Sept. 3	728	208	130	219
Darrington, George H., Honey Creek, Iowa. Clevis.....	854,633	May 21	4519	943	128	1223
Darrow, Alice, Simpson, Kans. Base of cook-stoves.....	875,245	Dec. 31	6007	1253	131	2256
Darrow, Jay M., Asherville, Kans. Combination-tool for carpenters' use.....	862,139	Aug. 6	31	9	129	2091
Darrow, Jay M., Asherville, Kans. Feed-bag.....	870,818	Nov. 12	1516	413-14	131	525
Darst, Luther E., Louisiana, and W. H. Harrelson, Cyrene, Mo. Adjusting-wheel for swingletrees or doubletrees.....	854,150	May 21	3631	750	128	996
Dart, J. Vinton, <i>et al.</i> (See Caldwell and Drew, assignors.)						
Dart, William H. (See Martin and Dart.)						
Dashiell, Milton, Baltimore, Md. Elevator-lock.....	873,925	Dec. 17	3295	704	131	1767
Dashiell, Milton, assignor of two-thirds to J. W. Woodland, Baltimore, Md. Elevator.....	853,534	May 14	2343	488	128	635
Dashiell, Milton, Baltimore, Md., assignor to Baltimore Elevator Safety Lock Company. Elevator-lock.....	860,596	July 16	3494	961	129	1219
Date, David B., and A. B. Kugelmann, New York, assignors, by mesne assignments, to Vortex Manufacturing Company, Brooklyn, N. Y. Corn and brush knife.....	847,321	Mar. 19	3196	702	127	864
Datow, Emile P., New Orleans, La. Can-seaming machine.....	855,287	May 28	5566	1222-3	128	1596
Datscheg, George A., Philadelphia, Pa. Self-closing hinge.....	868,973	Oct. 22	2778	766	130	2234
Datson, Josiah, Gilberts Creek, Ky. Chain-harrow.....	869,065	Oct. 22	2926	806-7	130	2282
Dau, William F. (See Heinen and Dau.)						
Dauben, Joseph, and F. M. Ryan, Columbus, Ohio. Fireproof chimney.....	843,797	Feb. 12	1893	406	126	2302
Daubenspeck, John W. (See Porter and Daubenspeck.)						
Dauchy Iron Works. (See Ross, Christian H., assignor.)						
Daudelin, Jean B., Fall River, Mass., assignor to J. and C. J. Shambow, Woonsocket, R. I. Self-threading loom-shuttle.....	849,212	Apr. 2	1202	244	127	1896
Daudelin, Jean B., Fall River, Mass. Self-threading shuttle.....	858,443	July 2	122	33	129	41
Daudelin, Pierre P., Fall River, Mass., assignor to J. Shambow, Woonsocket, R. I. Self-threading loom-shuttle.....	849,213	Apr. 2	1203	244	127	1896
Daugherty, Alvin A., New York, N. Y. Vehicle-wheel.....	819,373	Apr. 9	1505	306	127	2006
Daugherty, Alvin A., New York, N. Y. Vehicle-wheel.....	849,374	Apr. 9	1507	306	127	2007
Daugherty, Boyd, Chicago, Ill. Grain-car door.....	846,913	Mar. 12	2409	529	127	642
Daugherty, James A., Indianapolis, Ind. Combined tag and seal.....	858,264	June 25	5525	1180	128	3194
Daugherty, James B. (See Mills, John H., assignor.)						
Daugherty, James D., Kittanning, Pa. Type-writing machine.....	850,110	Apr. 9	2870	601	127	2350
Daugherty, James D., Kittanning, Pa., assignor to Elliott-Fisher Company, New York, N. Y. Computing mechanism.....	858,646	July 2	504	130-1	129	175
Daugherty, Warren B., San Luis Obispo, Cal. Oil-well packing.....	873,995	Dec. 17	3429	730	131	1789
Daugherty, William G., Baltimore, Md. Applying molten solder to sheet metal.....	875,507	Dec. 31	6520	1360	131	2338
Daughenbaugh, Lawrence W., and C. A. Markle, Clearfield, Pa. Brick-press box.....	849,214	Apr. 2	1205	244	127	1897
Davenport, Isaac L., Camden, N. J., assignor to Hercules Truck Company, Wilmington, Del. Hand-truck.....	851,164	Apr. 23	4906	1032	127	2949
Davenport, John H., Grand Island, Nebr. Boiler-flue.....	856,516	June 11	2122	436	128	2265
Davenport, John W., Richmond, Ind. Keyless lock.....	845,931	Mar. 5	423	87	127	109
Davenport, Retta P., <i>et al.</i> (See Churchill, Benn P., assignor.)						
Davenport, Retta P., <i>et al.</i> (See Lewis, Sherman T., assignor.)						
Davenport Wagon Company. (See Hecht, Joseph L., assignor.)						
Davenport, Walter D., assignor of one-half to J. Pate, Kaufman, Tex. Massage-machine.....	868,600	Oct. 15	2193	611	130	2030
Davenport, William S., New Bedford, Mass., assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. Chuck.....	843,666	Feb. 12	1659	352	126	2243
Daves, William, Bloomington, Ill. Block-signal system.....	869,555	Oct. 29	3704	1015-16	130	2550
Davey, Arthur J., Westminster, London, England. Military equipment.....	874,945	Dec. 31	5420	1133	131	2158
Davey, Charles E., Detroit, Mich. Valve.....	862,614	Aug. 6	866	231	129	2353
David, Joseph, St. Louis, Mo. Sham roll-bolster.....	875,329	Dec. 31	6181	1288	131	2281

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David, Louis, Montgomery, Ala. Cotton-gin.....	844,442	Feb. 19	3172	684	126	2658
David Lupton's Sons Company. (See Watkins, John W., assignor.)						
David, Mary L., Brockton, Mass. Chair attachment.....	845,222	Feb. 26	4976	1058	126	3145
Davidson, Arthur J. (See Stitt and Davidson.)						
Davidson, Charles G., New York, N. Y. Card-table.....	847,655	Mar. 19	3895	851	127	1045
Davidson, David. (See Fox and Davidson.)						
Davidson, Edward C. (See Purcell, William F., assignor.)						
Davidson, Edward M., New York, N. Y. Fire-extinguishing compound.....	866,437	Sept. 17	2593		130	874
Davidson, Ellis, <i>et al.</i> (See Santmyers, Charles A., assignor.)						
Davidson, Frank B., Marseilles, Ill., assignor to Howe and Davidson Company, East Orange, N. J. Paper tray.....	843,933	Feb. 12	2160	461-2	126	2369
Davidson, Harry J., Washington, D. C. Cigar-vending machine.....	874,170	Dec. 17	3827	807	131	1846
Davidson, John B., Derby, Conn. Steel for sharpening knives.....	852,873	May 7	1033	214	128	263
Davidson, John F., Granite Falls, Wash. Air-compressor.....	860,905	July 23	3991	1094	129	1413
Davidson, John L., Barnet, Vt. Whiffletree-hook.....	860,855	July 23	3903	1070	129	1384
Davidson, John M., Pittsburg, Pa. Vehicle-wheel.....	858,795	July 2	760	197	129	267
Davidson, John M., Pittsburg, Pa. Coupling for hose and pipe.....	859,546	July 9	1898	510	129	668
Davidson, John M., assignor of one-fourth to E. D. Frohman and C. I. Aaron, Pittsburg, Pa. Apparatus for welding tapered tubes.....	861,439	July 30	4870	1334-5	129	1729
Davidson, John R., Monticello, assignor of two-thirds to O. O. Banks, Shady Dale, and J. B. Webb, Collegepark, Ga. Plow.....	860,355	July 16	3129	857	129	1098
Davidson, John R., Monticello, Ga. Combined planter and fertilizer-distributor.....	866,340	Sept. 17	2462	687	130	830
Davidson, John R., Monticello, assignor of one-half to O. O. Banks, Shady Dale, Ga. Clothes-line.....	868,536	Oct. 15	2075	582	130	1987
Davidson, John W. (See Shaver, Hustead B., assignor.)						
Davidson, Marshall T. (See Drewett, William A., assignor.)						
Davidson, Marshall T. (See Lovekin, Luther D., assignor.)						
Davidson Rubber Company. (See Turner, Charles L., assignor.)						
Davidson, Samuel C., Belfast, Ireland. Stove and apparatus for heating air.....	867,572	Oct. 8	534	152	130	1496
Davidson, Samuel C., Belfast, Ireland. Ventilation of tunnels.....	869,297	Oct. 29	3283	904-5	130	2426
Davidson, Theodore, Salem, assignor to Crosby Steam Gage and Valve Company, Boston, Mass. Engine-indicator.....	867,953	Oct. 15	1171	323-4	130	1713
Davidson, William K., Boston, Mass. Individual electric gas-lighter.....	871,112	Nov. 19	1995	544	131	703
Davidyan, Nathaniel K., Philadelphia, Pa. Rug-fastener.....	873,025	Dec. 10	1516	317	131	1435
Davies, Charles W. T., New York, N. Y. Necktie.....	871,569	Nov. 19	3002	748	131	856
Davies, Charles W. T., London, England, assignor to Good Form Manufacturing Company. Necktie.....	852,824	May 7	922	189	128	235
Davies, Charles W. T., assignor to Good Form Manufacturing Company, New York, N. Y. Necktie.....	875,246	Dec. 31	6008	1253	131	2256
Davies, Dan, <i>et al.</i> (See Currie, Neil, assignor.)						
Davies, Evan C., Taylor, Pa. Appliance for testing miners' safety-lamps.....	869,066	Oct. 22	2927	807	130	2282
Davies, Frederick D., Brooklyn, N. Y. Shears or the like.....	843,667	Feb. 12	1660	352	126	2244
Davies, George W., assignor of one-half to F. Assenbeck, New York, N. Y. Hydraulic motor.....	853,774	May 14	2839	584	128	764
Davies, John M., Plattsburg, N. Y. Soap-holder.....	853,067	May 7	1416	295	128	359
Davies, Joseph, Birmingham, England. Flux for iron.....	858,582	July 2	369		129	131
Davies, Joseph, Birmingham, England. Wheel for road-vehicles.....	865,765	Sept. 10	1573	443-4	130	512
Davies, Joseph B., Melbourne, Victoria, Australia. Spouting-bracket.....	862,140	Aug. 6	32	9	129	2092
Davies, Thomas H., Spokane, Wash. Cigar-clipper and match-box.....	867,253	Oct. 1	35	11	130	1326
Davies, William G., Seattle, Wash. Automatic portable weighing-scoop.....	871,676	Nov. 19	3187	790	131	889
Davis, Abner F. H., Oakland, Cal., assignor to National Telegraphone Company, Rochester, N. Y. Telephone-receiver.....	853,578	May 14	2427	506	128	656
Davis Acetylene Company. (See Davis, Augustine, assignor.)						
Davis, Albert G., Washington, D. C. Roasting fusible ores.....	866,580	Sept. 17	2787	780	130	934
Davis, Albert G., Schenectady, N. Y. Apparatus for roasting fusible ores.....	866,581	Sept. 17	2790	780	130	935
Davis, Albert G., and C. D. Haskins, Schenectady, N. Y., assignors to General Electric Company. Measuring instrument.....	867,561	Oct. 1	504	144-5	130	1470
Davis, Alexander C., Battle Ground, Ind. Fence-post.....	852,421	May 7	22	5	128	8
Davis, Alfred E., Johannesburg, Transvaal. Pressure-filter.....	859,749	July 9	2202	596-8	129	766
Davis, Alfred M., Freetown, Mass. Puzzle.....	872,717	Dec. 3	841	175	131	1300
Davis, Arthur W. (See Bright and Davis.)						
Davis, Augustine, Chicago, Ill., assignor to Davis Acetylene Company, Elkhart, Ind. Hood for discharge-pipes of gas-generators.....	864,448	Aug. 27	3643	1013	129	3312
Davis, Augustine, Chicago, Ill., assignor to Davis Acetylene Company, Elkhart, Ind. Carbide-feeding device for acetylene-gas generators.....	868,848	Oct. 22	2594	715	130	2177
Davis, Augustine, Chicago, Ill., assignor to Davis Acetylene Company, Elkhart, Ind. Carbide-feeding device.....	871,570	Nov. 19	3003	748	131	857
Davis, Augustine, Chicago, Ill., assignor to Davis Acetylene Company, Elkhart, Ind. Time-controlled gas-cock.....	873,026	Dec. 10	1516	317	131	1435
Davis, Augustine, Chicago, Ill., and J. H. Birch, Elkhart, Ind. Gas-generator.....	868,847	Oct. 22	2592	714-15	130	2176
Davis, Benjamin, Nesquehoning, Pa. Envelop.....	873,416	Dec. 10	2291	478	131	1565
Davis, Benjamin F., Miami, Fla. Pointing-tool.....	845,530	Feb. 26	5585	1183	126	3295
Davis, Calvin, assignor of three-fourths to F. F. Messenger, J. Bricka, B. R. Hieronymus, and W. E. Ames, Caseyville, Ky. Nut-lock.....	862,615	Aug. 6	867	232	129	2353
Davis, Calvin R., assignor to Oliver Chilled Plow Works, South Bend, Ind. Corn-planter.	874,741	Dec. 24	4992	1051	131	2068
Davis Chair Co. (See McCloud, Smith N., assignor.)						
Davis, Charles B., New York, N. Y. Apparatus for use in brewing.....	846,187	Mar. 5	947	201	127	240
Davis, Charles C., Philadelphia, Pa. Reinforced tile or slab.....	848,537	Mar. 26	5634	1233	127	1506
Davis, Charles C., Gaffney, S. C. Washing-machine.....	850,524	Apr. 16	3671	768	127	2599
Davis, Charles C., Contoocook, N. H., assignor to Kingsbury Box & Printing Company, Northampton, Mass. Paper-box machine.....	841,075	Jan. 8	2576	564-5	126	699
Davis, Charles F., Providence, R. I., assignor to Automatic Envelope Sealing and Stamping Machine Company. Sealing-machine.....	865,362	Sept. 10	939	269-70	130	313
Davis, Charles J., Lansing, Mich. Clod-crusher.....	848,977	Apr. 2	733	149	127	1774
Davis, Charles N., New York, assignor to C. Leffler, Brooklyn, N. Y., and International Fibre Company, Portland, Me. Decorticating-machine.....	852,377	Apr. 30	7361	1545-6	127	3596
Davis, Charles N., deceased, New York, N. Y., C. E. Teale, administrator, assignor to International Fibre Company, Portland, Me. Decorticating-machine.....	852,378	Apr. 30	7265	1546-8	127	3597
Davis, Charles S., Somerville, Mass. Safety-fuse for electric circuits.....	859,547	July 9	1899	510	129	668
Davis, Charles W., Edgeworth, assignor to Standard Underground Cable Company, Pittsburg, Pa. Joint for metal-sheathed cables.....	873,215	Dec. 10	1882	394	131	1496
Davis, Charles W., Edgeworth, assignor to Standard Underground Cable Company, Pittsburg, Pa. Electric cable.....	873,216	Dec. 10	1884	395	131	1496
Davis, Clarence Z., assignor to Cyphers Incubator Company, Buffalo, N. Y. Moisture-supplying device for incubator-heaters.....	851,347	Apr. 23	5292	1109	127	3045
Davis, Clarence Z., assignor to Cyphers Incubator Company, Buffalo, N. Y. Electrical condenser.....	859,923	July 16	2476	673	129	885

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Davis, Claude B., and A. T. Finch, Chase City, Va. Bottle.....	851,617	Apr. 23	5820	1216	127	3175
Davis, Cleland, U. S. Navy. Envelop for powder charges.....	864,725	Aug. 27	4114	1142	129	3457
Davis, Cleland, U. S. Navy, assignor, by mesne assignments, to Carnegie Steel Company, Pittsburgh, Pa. Face-hardened steel plate.....	873,512	Dec. 10	2465	520	131	1596
Davis, Cleveland G., Manistee, Mich. Combination-ladder.....	856,450	June 11	2011	413	128	2238
Davis, Cleveland G., Manistee, Mich. Skirt-guard and brake for baby-carriages.....	861,358	July 30	4721	1289	129	1686
Davis, Cleveland G., Manistee, Mich. Ash-receptacle and holder for cigars.....	867,250	Oct. 1	32	10	130	1326
Davis, Columbus M., Waggoner, Ill. Horseshoeing-stand.....	866,003	Sept. 17	1956	546	130	672
Davis, Corbin E., St. Louis, Mo. Automatic railway-switch.....	868,414	Oct. 15	1883	528-9	130	1929
Davis, Doras W., Cheney, Kans. Combined roller, harrow, and drag.....	862,718	Aug. 6	1019	272	129	2397
Davis, Edwin J., Los Angeles, Cal. Trunk-fastener.....	875,160	Dec. 31	5830	1219	131	2227
Davis, Edwin K., assignor to G. A. Reach, Philadelphia, Pa. Punching-bag hanger.....	873,027	Dec. 10	1518	318	131	1436
Davis, Emry, New York, N. Y. Inkstand construction.....	850,468	Apr. 16	3556	745	127	2570
Davis, Ernest A. (See Knight and Davis.)						
Davis, Ervin M. (See Carter and Davis.)						
Davis, Eugene, Chicago, Ill. Tab for sheets of ledgers, &c.....	850,140	Apr. 16	2938	614	127	2407
Davis, Frank E., La Crosse, Wis. Cultivator.....	857,162	June 18	3351	707-8	128	2614
Davis, Frank I., Hartford, Conn. Fastener.....	866,341	Sept. 17	2463	688	130	831
Davis, Frank J., assignor to Wagner-Davis Glass Company, Indianapolis, Ind. Non-refillable bottle.....	864,834	Sept. 3	112	31	130	36
Davis, Frank L. (See Wells, Joseph M., assignor.)						
Davis, Fred H. M., Los Angeles, Cal. Ratchet monkey-wrench.....	850,819	Apr. 16	4230	889	127	2740
Davis & Furber Machine Company. (See Rundlett, William D., assignor.)						
Davis, George A., San Francisco, Cal. Puzzle.....	854,719	May 28	4719	982	128	1303
Davis, George C., assignor to G. M. Davis Regulator Company, Chicago, Ill. Valve.....	847,401	Mar. 19	3368	738	127	908
Davis, George E., Dubuque, Iowa. Wall construction.....	867,954	Oct. 15	1173	324	130	1714
Davis, George H. (See Burr and Davis.)						
Davis, George H., Portland, Me. Curtain-holding device.....	850,297	Apr. 16	3225	672	127	2484
Davis, George H., West Orange, N. J. Controlling device for automatic musical instruments.....	854,689	May 21	4629	965	128	1250
Davis, George H., West Orange, N. J. Tempo-indicator for mechanical musical instruments.....	858,708	July 2	598	157	129	206
Davis, George H., West Orange, N. J. Music-roll holder.....	860,129	July 16	2790	761-2	129	987
Davis, George H., West Orange, N. J. Spool for music-rolls.....	860,965	July 23	4093	1121	129	1447
Davis, George H., West Orange, N. J. Expression mechanism for self-playing musical instruments.....	868,650	Oct. 22	2276	631	130	2079
Davis, George H., West Orange, N. J. Electromechanical power-governor.....	871,484	Nov. 19	2824	710	131	828
Davis, George W., Baltimore, Md. Measure for fabrics.....	840,047	Jan. 1	508	111	126	135
Davis, Gilbert G., Mukilteo, Wash. Locomotive.....	840,442	Jan. 1	1323	292-3	126	346
Davis, Gilman V., Atkinson, Nebr. Feed mechanism for baling-presses.....	844,103	Feb. 12	2467	529	126	2442
Davis, Harry G., Dayton, Ohio. Machine for attaching tickets to goods.....	864,157	Aug. 27	3205	888	129	3172
Davis, Harry P., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Strain-insulator.....	861,094	July 23	4286	1177	129	1507
Davis, Harry P., Pittsburg, and F. Conrad, Edgewood Park, Pa., assignors to Westinghouse Electric & Manufacturing Company. Protective apparatus for electrical circuits.....	840,478	Jan. 8	1398	309	126	404
Davis, Harry P., Pittsburg, and F. Conrad, Edgewood Park, Pa., assignors to Westinghouse Electric & Manufacturing Company. Protective apparatus for parallel transmission-lines.....	840,479	Jan. 8	1400	310	126	404
Davis, Harry P., Pittsburg, and F. Conrad, Swissvale, Pa., assignors to Westinghouse Electric & Manufacturing Company. Transformer.....	841,076	Jan. 8	2580	565	126	700
Davis, Henry J., and P. G. Ault, Birmingham, Ala. Store-service apparatus.....	867,804	Oct. 8	880	250	130	1603
Davis, Henry P., Washington, D. C. Dental gold-pallet holder.....	844,781	Feb. 19	4121	878	126	2889
Davis, Henry P., Hot Springs, Ark. Office-indicator.....	871,675	Nov. 19	3185	790	131	888
Davis, Herbert E., deceased, Whittier, Cal.; M. L. Davis, executrix, assignor to herself. Gas-economizer.....	862,719	Aug. 6	1020	273	129	2397
Davis, Herman, New Orleans, La. Trunk.....	860,018	July 16	2636	716	129	937
Davis, Irving S., Bayonne, N. J. Condenser apparatus.....	858,265	June 25	5526	1180	128	3195
Davis, Isaac N., assignor of one-half to F. Welles, Wyalusing, Pa. Revolving stand.....	860,019	July 16	2639	716	129	938
Davis, Isaac P., Springfield, Mass. Speed-indicator.....	863,266	Aug. 13	1879	507	129	2700
Davis, James A. (See Downey and Davis.)						
Davis, James C., Chicago, Ill., assignor, by mesne assignments, to American Brake Shoe & Foundry Company, New York, N. Y. Twin-cupola process of making semisteel castings.....	843,197	Feb. 5	744	.....	126	1983
Davis, James E., Pleasant Shade, Tenn. Adjustable hoe.....	865,632	Sept. 10	1373	389	130	449
Davis, James H., Portland, Oreg., assignor to C. N. Mallory. Oil-cup.....	861,165	July 23	4384	1203	129	1540
Davis, James M. (See Moss, Benjamin B., assignor.)						
Davis, John B., Dayton, Ohio. Self-measuring oil-pump.....	855,504	June 4	118	24	128	1724
Davis, John B., Dayton, Ohio. Self-measuring oil-pump.....	872,501	Dec. 3	384	80-1	131	1228
Davis, John B., assignor to National Oil Pump & Tank Co., Dayton, Ohio. Power-pump for measuring oil.....	874,573	Dec. 24	4654	977-8	131	2011
Davis, John B., assignor to National Oil Pump & Tank Co., Dayton, Ohio. Self-measuring oil-pump.....	874,574	Dec. 24	4657	978-9	131	2012
Davis, John C., Hastings, Mich. Spring-lock seal.....	846,093	Mar. 5	769	160	127	196
Davis, John H., assignor to Sanitary Manufacturing Company, Hamilton, Ohio. Tank-valve.....	844,581	Feb. 19	3717	781	126	2785
Davis, John H., assignor to Sanitary Manufacturing Company, Hamilton, Ohio. Ball-cock.....	874,575	Dec. 24	4659	979	131	2012
Davis, John J., Bucyrus, Ohio. Tie-plate and rail-fastener.....	855,941	June 4	967	201	128	1937
Davis, John L. and J. W., Clarendon, Tex. Washing-machine.....	839,597	July 9	1982	534	129	606
Davis, John P., Chicago, Ill. Variable-speed gear.....	840,202	Jan. 1	831	182	126	222
Davis, John P., assignor of two-fifths to L. Morton, Chicago, Ill. Smoke-preventing apparatus.....	873,513	Dec. 10	2467	520	131	1596
Davis, John R., Waynesburg, Pa. Extension-ladder.....	856,683	June 11	2454	505	128	2349
Davis, John W. (See Davis, John L. and J. W.)						
Davis, John W., assignor to Davis Piano Player Company, Pulaski, Tenn. Automatic organ-action.....	845,165	Feb. 26	4856	1030	126	3115
Davis, John W., assignor, by mesne assignments, to Davis Piano Player Company, Pulaski, Tenn. Automatic piano-player.....	863,592	Aug. 20	2359	644-5	129	2880
Davis, John W., assignor, by mesne assignments, to Davis Piano Player Company, Pulaski, Tenn. Friction-pad for automatic players.....	863,701	Aug. 20	2506	691	129	2930
Davis, Joseph E. (See Smith and Davis.)						
Davis, Joseph H., Winfield, Ala. Locomotive-tender.....	872,277	Nov. 26	4476	1063	131	1117
Davis, Joshua, New Ross, Ind. Hog catcher and holder.....	873,514	Dec. 10	2470	520	131	1597
Davis, Julius, et al. (See Hainlin, Carl, assignor.)						
Davis, Lewis, assignor to A. L. Powers, Jacksonville, Fla. Artificial fuel.....	865,018	Sept. 3	407	.....	130	126
Davis, Lewis K., New York, N. Y. Building construction.....	867,251	Oct. 1	33	10	130	1325

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Davis, Lewis K., New York, N. Y. Building construction.....	867,252	Oct. 1	34	11	130	1326
Davis, Lewis K., New York, N. Y., assignor, by mesne assignments, to Ribbed Concrete Building Company. Conveying and mixing machine.....	864,449	Aug. 27	3644	1014	129	3312
Davis, Lewis K., New York, N. Y., assignor, by mesne assignments, to Ribbed Concrete Building Company. Mixing apparatus.....	864,450	Aug. 27	3646	1014	129	3313
Davis, Lewis K., New York, N. Y., assignor, by mesne assignments, to Ribbed Concrete Building Company. Conveying and mixing apparatus.....	864,451	Aug. 27	3647	1014	129	3313
Davis, Lewis K., New York, N. Y., assignor, by mesne assignments, to Ribbed Concrete Building Company. Building construction.....	864,452	Aug. 27	3648	1015	129	3314
Davis Locomotive Wheel Company. (See Barnes, Joshua B., assignor.)						
Davis Locomotive Wheel Company. (See Howard, Clarence H., assignor.)						
Davis Locomotive Wheel Company. (See Howard and Dunn, assignors.)						
Davis Locomotive Wheel Company. (See Westlake, Charles T., assignor.)						
Davis Locomotive Wheel Company. (See Westlake and Thomas, assignors.)						
Davis, Mark N., Baltimore, Md. Elevator-door-opening device.....	840,754	Jan. 8	1941	427	126	539
Davis, Mark N., Baltimore, Md. Vehicle-support.....	851,588	Apr. 23	5768	1206	127	3164
Davis-Martin Company. (See Martin, Thomas A., assignor.)						
Davis, Marshal E., Bloomfield, Ind. Lifting-jack.....	859,924	July 16	2477	673	129	885
Davis, Mary L., executrix. (See Davis, Herbert E.)						
Davis, Merrill, New York, N. Y. Boiler.....	840 114	Jan. 1	637	138	126	168
Davis, Monroe, assignor of one-half to O. W. Hutchinson, Billings, Okla. Ter. Grain-weighing machine.....	849,215	Apr. 2	1206	245	127	1897
Davis, Nathan H., Philadelphia, Pa. Brake-beam.....	863,157	Aug. 13	1707	459	129	2647
Davis, Nathan H., Philadelphia, Pa. Brake-beam.....	863,158	Aug. 13	1708	459	129	2647
Davis, Nathan H., Philadelphia, Pa. Adjustable brake-head.....	863,267	Aug. 13	1881	507	129	2701
Davis, Newton S., Montrose, Colo. Scaffold.....	846,784	Mar. 12	2142	470	127	575
Davis Piano Player Company. (See Davis, John W., assignor.)						
Davis, Robert L., Star, N. C. Shaving-brush.....	866,438	Sept. 17	2593	724	130	874
Davis, Samuel S., Sidney, Ohio. Feeding device.....	861,271	July 30	4578	1249-50	129	1641
Davis, Samuel S., Sidney, Ohio. Steam-boiler.....	866,629	Sept. 24	2875	812-13	130	993
Davis Sewing Machine Company. (See Person, William, assignor.) (Reissue.)						
Davis, Spencer E., Minneapolis, Minn. Scraper for disk drills.....	848,291	Mar. 26	5172	1127	127	1394
Davis, Spencer E., Minneapolis, assignor to Monitor Drill Company, St. Louis Park, Minn. Scraper for disk drills.....	841,768	Jan. 22	3969	857	126	1132
Davis, Spencer E., Minneapolis, and T. Brennan, Jr., St. Louis Park, Minn. Disk drill.....	850,999	Apr. 23	4580	959-60	127	2867
Davis, Spencer E., Minneapolis, and T. Brennan, Jr., St. Louis Park, Minn. Drag-bar hanger for seeding-machines.....	862,812	Aug. 6	1176	317	129	2443
Davis, Stephen G., Cooper, Iowa. Tire.....	865,633	Sept. 10	1374	389	130	449
Davis, Stephen G., Cooper, Iowa. Tire.....	872,647	Dec. 3	686	143	131	1276
Davis, Thomas J. (See Webb and Davis.)						
Davis, Verner F., Orange, N. J. Temperature-regulator.....	873,028	Dec. 10	1519	318	131	1436
Davis, Walter S. (See Forth, Charles, assignor.)						
Davis, William A., et al. (See Byers, James J., assignor.)						
Davis, William B., Swissvale, Pa. Wrench.....	865,766	Sept. 10	1573	444	130	512
Davis, William C., et al. (See Sharts, Truman P., assignor.)						
Davis, William E., Morristown, N. J. Artificial bait.....	871,057	Nov. 12	1887	517	131	640
Davis, William H., Eaton, Ind. Lampblack-machine.....	859,750	July 9	2208	598-9	129	768
Davis, William R., Albany, N. Y. Automatically-movable dam-crest.....	843,003	Feb. 5	324	70-1	126	1871
Davison, Clinton E., Little Rock, Iowa. Vending-machine.....	857,037	June 18	3106	665-6	128	2552
Davison, Erwin A. (See Steel, Abraham P., assignor.)						
Davison, Gregory C., U. S. Navy. Heater for torpedoes.....	858,156	June 25	5332	1134	128	3145
Davison, Gregory C., U. S. Navy. Automobile torpedo.....	858,266	June 25	5527	1180-1	128	3195
Davison, James E., New York, Iowa. Antiflying chicken-wing attachment.....	867,190	Sept. 24	3760	1062	130	1273
Davison, William M., Port Pirie, South Australia, Australia. Liquid measuring and registering faucet.....	845,531	Feb. 26	5586	1183	126	3296
Davison, William M., Port Pirie, South Australia, Australia. Measuring and registering pump.....	845,532	Feb. 26	5588	1184	126	3296
Davison, Frank E. (See Lundholm, Charles G., assignor.)						
Davy Brothers. (See Crowe, Edward, assignor.)						
Davy, Orrin J., Washington, D. C., assignor to Industrial Motor Company. Electric tram system.....	843,520	Feb. 5	1364	287-8	126	2133
Davy, Orrin J., and E. H. Becker, Washington, D. C., assignors, by mesne assignments, to Industrial Motor Company. Aerial tramway.....	859,751	July 9	2209	599-600	129	768
Davy, Orrin J., and E. H. Becker, Washington, D. C., assignors, by mesne assignments, to Industrial Motor Company. Aerial tramway.....	860,736	July 23	3728	1021-2	129	1327
Daw, Albert W. and Z. W., London, England. Valve for percussive rock-drills.....	847,739	Mar. 19	4064	888	127	1083
Daw, Zacharias W. (See Daw, Albert W. and Z. W.)						
Dawe, Charles, Plymouth, England. Oscillating steam or air engine.....	856,517	June 11	2123	436-7	128	2266
Dawe, Godfrey, Eau Claire, Wis. Burner attachment.....	850,907	Apr. 23	4425	925	127	2831
Dawe, James H., Seacombe, assignor of one-half to Panels Limited, Liverpool, England. Instrument for playing organs or harmoniums.....	840,048	Jan. 1	509	111	126	135
Dawe, William R., Sheffield, England. Valve mechanism for rotary engines.....	848,447	Mar. 26	5479	1194	127	1470
Dawes, Edmund, et al. (See Dawes, Robert, assignor.)						
Dawes, Edward L., and J. F. Whitehead, New Brighton, assignors to Standard Sanitary Manufacturing Company, Pittsburg, Pa. Molding-machine.....	854,690	May 21	4637	965-7	128	1254
Dawes, Frederick C., and J. W. Forrest, Los Angeles, Cal. Sprocket.....	871,677	Nov. 19	3188	790	131	889
Dawes, Robert, assignor to himself, E. Dawes, Philadelphia, Pa., and E. H. Haskell, Newton, Mass. Spinning, twisting and winding machine.....	865,685	Sept. 10	1446	410	130	472
Dawkins, James, Yager, Cal. Nut-lock.....	853,005	May 7	1308	272	128	331
Dawkins, John R., McKinney, Tex. Electric attachment for movable objects.....	855,389	May 28	6037	1260	128	1638
Dawkins, John R., Dallas, Tex. Electrical attachment for movable objects. (Reissue.)	12,715	Nov. 5	1036	282	131	335
Dawson, Arthur T., and G. T. Buckham, London, assignors to Vickers Sons & Maxim Limited, Westminster, England. Breech-loading ordnance.....	841,637	Jan. 15	3684	799-800	126	1027
Dawson, Arthur T., and G. T. Buckham, assignors to Vickers Sons & Maxim Limited, Westminster, London, England. Sighting apparatus for ordnance.....	863,593	Aug. 20	2360	645	129	2880
Dawson, Arthur T., Westminster, and J. Horne, Barrow-in-Furness, assignors to Vickers Sons & Maxim Limited, Westminster, England. Ammunition-hoisting apparatus for ordnance.....	847,917	Mar. 19	4449	975	127	1175
Dawson, Arthur T., and J. Ramsay, Westminster, assignors to Vickers Sons & Maxim Limited, London, England. Muzzle attachment for automatic guns.....	870,497	Nov. 5	980	267-8	131	317
Dawson, Charles E., Indianapolis, assignor to A. W. Fisher, South Bend, Ind. Automatic speed-controlled circuit-closure for electric generators.....	848,292	Mar. 26	5173	1127	127	1394
Dawson, David J., and J. R. Strohbach, Freedom, Pa. Wrench.....	868,537	Oct. 15	2076	582	130	1988
Dawson, Edward, Andover, Mass. Feed-bag for horses.....	866,113	Sept. 17	2131	593	130	726
Dawson, Elmer F. (See Dawson, Ralph, assignor.)						
Dawson, George and W. A., Kingston-upon-Hull, England. Ratchet-brace.....	841,638	Jan. 15	3686	800	126	1027

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Dawson, George and W. A., Kingston-upon-Hull, England. Drilling-machine.....	841,639	Jan. 15	3687	800	126	1027
Dawson, Herbert W., Portalegre, Portugal. Cork for stopping bottles or the like.....	868,914	Oct. 22	2694	744	130	2208
Dawson, James C., St. Louis, Mo. Clutch.....	844,443	Feb. 19	3173	684	126	2658
Dawson, James C., St. Louis, Mo. Clutch.....	861,816	July 30	5438	1498	129	1904
Dawson, James C., St. Louis, Mo. File.....	869,426	Oct. 29	3494	958	130	2484
Dawson, James C., St. Louis, Mo., assignor to Sieber & Trussell Mfg. Co. Loose-leaf binder.....	841,125	Jan. 15	2707	592	126	777
Dawson, James C., St. Louis, Mo., assignor to Sieber & Trussell Manufacturing Company. Lock.....	850,877	Apr. 16	4357	912	127	2774
Dawson, James C., St. Louis, Mo., assignor to Sieber & Trussell Manufacturing Company. Loose-leaf binder.....	853,962	May 21	3252	667	128	903
Dawson, James C., St. Louis, Mo., assignor to Sieber & Trussell Mfg. Co. File-binder.....	860,642	July 23	3592	985	129	1285
Dawson, James C., St. Louis, Mo., assignor to Sieber & Trussell Manufacturing Company. Loose-leaf binder.....	867,191	Sept. 24	3760	1062	130	1273
Dawson, James C., St. Louis, Mo., assignor to Sieber & Trussell Manufacturing Company. Loose-leaf binder.....	873,417	Dec. 10	2291	478	131	1565
Dawson, James C., St. Louis, and T. E. Heeter, Maplewood, Mo., assignors to Sieber & Trussell Mfg. Co. Loose-leaf binder.....	853,963	May 21	3253	667	128	903
Dawson, James C., St. Louis, and T. E. Heeter, Maplewood, Mo., assignors to Sieber & Trussell Mfg. Co. Loose-leaf binder.....	866,845	Sept. 24	3208	902	130	1102
Dawson, James W., San Francisco, Cal., assignor of one-fourth to R. W. Gees, Kansas City, Mo. Floating power plant.....	867,192	Sept. 24	3761	1032-3	130	1273
Dawson, Jefferson D., Beardstown, Ill. Gas-generator.....	840,115	Jan. 1	639	138	126	169
Dawson, John, assignor to Rand, McNally & Co., Chicago, Ill. Recording device.....	844,664	Feb. 19	3878	821	126	2825
Dawson, Peter E., Hancock, Md. Vehicle-wheel.....	847,245	Mar. 12	3043	671	127	798
Dawson, Ralph, assignor of one-half to E. F. Dawson, Lexington, Mich. Signal device.....	861,954	July 30	5638	1563	129	1966
Dawson, Wallace, Montreal, Quebec, Canada. Funnel.....	865,572	Sept. 10	1281	362	130	419
Dawson, William A. (See Dawson, George and W. A.)						
Dawson, William F., Rugby, England, assignor to General Electric Company. Dynamometer.....	854,720	May 28	4721	982	128	1303
Day, Albert A., New York, N. Y. Metal-frame window-screen.....	840,689	Jan. 8	1806	398	126	506
Day, Albert A., New York, N. Y. Extensible metallic screen.....	846,094	Mar. 5	771	160-1	127	194
Day, Albert A., New York, N. Y. Apparatus for preparing and feeding fine fuel.....	862,720	Aug. 6	1021	273-5	129	2398
Day, Albert A., New York, N. Y. Metal-frame window-screen.....	862,813	Aug. 6	1177	317	129	2443
Day, Albert A., New York, N. Y. Window-screen.....	869,693	Oct. 29	3930	1083	130	2617
Day, Albert C., Saugus, assignor to United States Garbage Reduction Company, Boston, Mass. Apparatus for treating noxious gases.....	858,062	June 25	5156	1092	128	3101
Day, Albert G., Philadelphia, Pa. Roach-trap.....	858,157	June 25	5334	1135	128	3146
Day, Alfred, <i>et al.</i> (See Smith, Preston L., assignor.)						
Day, Alfred A., Brockton, Mass. Eyeglasses.....	850,213	Apr. 16	3078	645	127	2443
Day, Alfred B., Knoxville, Tenn. Axle-lubricator.....	870,941	Nov. 12	1718	470	131	587
Day, Arthur M., Bingham Canyon, Utah. Smelting ore and converting matte.....	865,333	Sept. 3	880	253	130	266
Day, Benjamin, West Hoboken, N. J. Inking printing-films.....	858,158	Dec. 25	5335	1135	128	3146
Day, Benjamin, West Hoboken, N. J. Film-frame rest for printing-film frames.....	873,029	June 10	1521	318-19	131	1436
Day, Charles B., East Orange, N. J. Flushing apparatus.....	841,487	Jan. 15	3414	736	126	960
Day, Charles D., assignor of one-half to H. Tebbs and J. W. Snyder, Baltimore, Md. File-cutter.....	864,453	Aug. 27	3649	1015	129	3314
Day, Chester S., <i>et al.</i> (See McClintock, Edward H., assignor.)						
Day, H. J. (See Stewart, William S., assignor.)						
Day, Harry, Upper Sandusky, Ohio. Nut-lock.....	847,322	Mar. 19	3198	703	127	864
Day, John R., Bessemer, Ala. Fireplace attachment.....	860,356	July 16	3130	857	129	1099
Day, John R., Huntington, Ind. Paper-clip.....	860,856	July 23	3904	1070	129	1385
Day, Joseph. (See Harrison and Day.)						
Day, Leonard, New York, N. Y. Anti-lost-motion device for pull-out shelves.....	857,271	June 18	3555	753	128	2666
Day, Maxwell W., Schenectady, N. Y., assignor to General Electric Company. Motor control.....	854,721	May 28	4722	982	128	1303
Day, Maxwell W., Schenectady, N. Y., assignor to General Electric Company. Motor-control system.....	869,352	Oct. 29	3376	929	130	2448
Day, Pleasant E., Oakman, Ala. Combined rake and baling-press.....	867,805	Oct. 8	881	250-1	130	1604
Day, William C., Winchester, Ky. Water elevator and carrier.....	854,336	May 21	3968	820	128	1088
Dayhoff, William C., Bradley, Ill. Concrete-mixer.....	850,469	Apr. 16	3557	745	127	2570
Dayhoff, William H., Sioux City, Iowa. Morgue-table.....	859,206	July 9	1377	365	129	494
Days, Richard H., <i>et al.</i> (See Ericson, Pierre V. and L. G., assignors.)						
Dayton, Ansel J., Tacoma, Wash. Amusement apparatus.....	857,605	June 25	4209	889	128	2860
Dayton, Charles O., Washington, Iowa. Electric locomotive-controller.....	866,846	Sept. 24	3209	902-4	130	1102
Dayton Electrical Manufacturing Co. (See Apple, Vincent G., assignor.)						
Dayton Fan & Motor Co. (See Phelps, Walter F., assignor.)						
Dayton, George W., King City, Cal. Acetylene-gas generator.....	853,400	May 14	2083	433	128	566
Dayton, George W., and S. P. Hotelling, King City, Cal. Pneumatic mirror-bracket.....	858,964	July 2	1031	271	129	353
Dayton Malleable Iron Company. (See Morrill, Horace E., assignor.)						
Daze, Nathan P., Dallas, Tex. Churn.....	850,525	Apr. 16	3673	769	127	2600
De Albertis, Claude, Liverpool, England. Self-closing gas tap or valve.....	868,415	Oct. 15	1886	529-30	130	1930
De Angelis, Giulia, Naples, Italy. Heat-resisting composition.....	869,694	Oct. 29	3932	.....	130	2617
De Anguera, Philip, Jr., Chicago, Ill. Wind-shield.....	859,591	July 9	1972	532	129	692
De Bar, William L., Union, N. J. Fabric-frame-moving mechanism for embroidery-machines.....	855,187	May 28	5690	1184-5	128	1550
De Beaumont, Amos J. J. (See De Beaumont, Augustus H. and A. J. J.)						
De Beaumont, Augustus H. and A. J. J., Philadelphia, Pa. Clothes-line hook.....	873,488	Dec. 10	2420	508	131	1588
De Boeise, Charles R., Newark, N. J. Underwear.....	846,401	Mar. 5	1357	299	127	343
De Boeise, Charles R., Newark, N. J. Apparel.....	852,262	Apr. 30	7144	1496	127	3544
De Blois, George. (See Hruska, Louis, assignor.)						
De Bobula, Titus, Pittsburg, Pa. Reinforced concrete door structure.....	874,729	Dec. 24	4974	1045	131	2064
De Bona, John, <i>et al.</i> (See Rosa, Marco D., assignor.)						
De Bona, Umberto, <i>et al.</i> (See Rosa, Marco D., assignor.)						
De Bona, Vittorio, <i>et al.</i> (See Rosa, Marco D., assignor.)						
De Roer, C. J., <i>et al.</i> (See Murrin, Terrence, assignor.)						
De Camp, Lyman B., Alhambra, Cal. Producing purified hydrocarbon oils.....	861,232	July 23	4493	1231	129	1376
De Camps, Wylie C., Parkersburg, W. Va. Attachment for bath-tubs.....	870,086	Nov. 5	328	92	131	109
De Canio, Victor A., Union Hill, N. J. Door structure.....	866,439	Sept. 17	2594	724	130	874
De Clements, Clinton E., Detroit, Mich. Curbing.....	850,866	Apr. 16	4336	909	127	2768
De Coligny, Frank, Chicago, Ill. Power-transmission device.....	839,989	Jan. 1	374	81-2	126	102
De Coligny, Frank, Chicago, Ill. Power-transmitter.....	870,814	Nov. 12	1508	411	131	523
De Cook, Cornelius, Bangor, Mich. Ladder.....	854,152	May 21	3632	751	128	996
De Coster, Jules M., La Grange, Mo., assignor of one-half to J. T. Bauer, Quincy, Ill. Baling-press.....	844,258	Feb. 12	2785	594-5	126	2525
De Forest, Lee, New York, N. Y. Wireless telegraphy.....	841,386	Jan. 15	3215	693-4	126	906

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De Forest, Lee, New York, N. Y. Device for amplifying feeble electrical currents.	841,387	Jan. 15	3220	694	126	908
De Forest, Lee, New York, N. Y., assignor to G. K. Woodworth, Boston, Mass. Space telegraphy.	850,917	Apr. 23	4442	929	127	2834
De Forest, Lee, New York, N. Y., assignor to G. K. Woodworth, Boston, Mass. Wireless-telegraph receiving system.	852,381	Apr. 30	7376	1549	127	3599
De Forest, Lee, New York, N. Y., assignor to G. K. Woodworth, Boston, Mass. Oscillation responsive device.	867,876	Oct. 8	1000	285	130	1638
De Forest, Lee, New York, N. Y., assignor to G. K. Woodworth, Boston, Mass. Detecting oscillations.	867,877	Oct. 8	1001	285	130	1639
De Forest, Lee, New York, N. Y., assignor to G. K. Woodworth, Boston, Mass. Oscillation-detector.	867,878	Oct. 8	1002	285	130	1639
De Forest, Lee, New York, N. Y., assignor to G. K. Woodworth, Brookline, Mass. Cautey.	874,178	Dec. 17	3842	810	131	1849
De Forrest, Etta. (See Price, Charles C., assignor.)						
De Freitas, William, assignor to Consolidated Gas Company, New York, N. Y. Inverted-burner gas-lamp.	850,568	Apr. 16	3750	784	127	2620
De Graff, Fannie L., Portland, Oreg. Garment-supporter.	851,923	Apr. 30	6469	13-9	127	3374
De Graff, Henry W., East Syracuse, N. Y. Wrench.	852,874	May 7	1034	214	128	263
De Grandchamp, Ferdinand P., Mount Bethel, Pa. Game apparatus.	848,168	Mar. 26	4919	1074	127	1329
De Grauwe, Florent, Antwerp, Belgium. Gas stove and radiator.	867,644	Oct. 8	641	180-1	130	1529
De Groot, Edward, et al. (See Fletcher, Elmer, assignor.)						
De Haas, James E., Enid, Okla. Ter. Insect-trap.	869,556	Oct. 29	3712	1016-17	130	2552
De Harpporte, Willbert R., Minneapolis, Minn. Hot-water heater.	872,612	Dec. 3	613	129	131	1263
De Jarnette, James F., assignor to Eby Manufacturing Company, Omaha, Nebr. Vehicle-wheel.	862,063	July 30	5799	1608	129	2017
De Kleist, Eugene, North Tonawanda, N. Y. Automatic piano.	841,787	Jan. 22	4010	866-7	126	1144
De Kleist, Eugene, North Tonawanda, N. Y. Valve for pneumatic musical instruments.	844,879	Feb. 19	4307	918	126	2935
De Kleist, Eugene, North Tonawanda, N. Y. Cut-off for pneumatic musical instruments.	871,123	Nov. 19	2017	549	131	706
De la Harpe, Charles, assignor to Dye Works, formerly L. Durand, Huguénin & Co., Basel, Switzerland. Making leucogalloyanins.	863,907	Aug. 20	2827		129	3031
De la Harpe, Charles, and R. Burkhardt, assignors to Dye-Works formerly L. Durand, Huguénin & Co., Basel, Switzerland. Leuco product from gallic compounds and alkyl-diamido-arylthiosulfonic acids, &c.	842,303	Jan. 29	5069		126	1437
De la Hunt, Reverdy C., Cedar Rapids, Iowa. Alternating siphon.	869,482	Oct. 29	3583	982	130	2511
De la Mar, Joseph, New York, N. Y. Propeller-wheel.	847,961	Mar. 19	4540	998	127	1196
De La Vergne Machine Company. (See Aule, Joseph E., assignor.)						
De La Vergne Machine Company. (See Botkowski, Boris, assignor.)						
De La Vergne Machine Company. (See Soeldner, Henry, assignor.)						
De Land, Ambrose D., Sheboygan, Wis. Filter.	857,450	June 18	3885	825-6	128	2747
De Land, Frank A., assignor of one-half to H. H. Coburn, Memphis, Mich. Trigger mechanism.	853,229	May 14	1744	362	128	474
De Lany, Edwin H., Cleveland, Tenn. Separator.	864,158	Aug. 27	3207	888	129	3172
De Laughter, Thomas W., Niles, Ohio. Clothes-clamp.	847,046	Mar. 12	2666	587	127	705
De Launey, George P., Baltimore, Md. Horseshoe.	856,848	June 11	2744	570	128	2422
De Laval, Carl G. P., Stockholm, Sweden. Extracting iron from its ores.	861,593	July 30	5085	1395	129	1799
De Laval, George, East Orange, N. J., assignor to Blake & Knowles Steam Pump Works, New York, N. Y. Air-pump.	871,349	Nov. 19	2526	649	131	783
De Laval Separator Company. (See McLeod, Kenneth K., assignor.)						
De Laval Steam Turbine Company. (See Dalén, Gustaf, assignor.)						
De Leval, George, Cambridge, and G. P. Aborn, Boston, Mass., assignors to International Steam Pump Company, New York, N. Y. Air-compressor and the like.	845,653	Feb. 26	5817	1229	126	3351
De Lhorbe, William E., Chicago, Ill. Collapsible core for plastic building-walls.	839,818	Jan. 1	34	8	126	10
De Lhorbe, William E., Chicago, Ill. Form for plastic building-blocks.	839,819	Jan. 1	35	9	126	11
De Limon, Louis H., Metairie Ridge, La. Attachment for rain-gutters.	861,095	July 23	4287	1177	129	1508
De Lisle, Justin, New York, N. Y. Hypodermic syringe.	841,701	Jan. 22	3830	833	126	1098
De Long, Albert, Sr., Shamokin, Pa. Music-rack.	871,113	Nov. 19	1996	544	131	763
De Long, Frank E., Philadelphia, Pa. Hook.	864,231	Aug. 27	3312	918	129	3208
De Long, John W. (See Merrill and De Long.)						
De Luigi, Angelo, and C. Ramazzotti, Milan, Italy. Automobile-train.	875,508	Dec. 31	6521	1360	131	2338
De Luxe Motor Car Company. (See Herzog, John A., assignor.)						
De Man, Alphonse, assignor to J. De Man, New York, N. Y. Composite structure.	864,619	Aug. 27	3951	1096	129	3406
De Man, Julie. (See De Man, Alphonse, assignor.)						
De Marton, André P. (See Martins, Alfred F., assignor.)						
De Mars, Frank E., New York, N. Y. Suspensory.	850,298	Apr. 16	3226	673	127	2484
De Mars, Frank E. S., New York, N. Y. Bottle-lock.	858,501	July 2	244	60	129	88
De Mattia, Constant, Fort Madison, Iowa. Engine.	863,594	Aug. 20	2362	646	129	2881
De Medici, Bindo P., Florence, Italy. Closing device for receptacles with capsule and wire.	842,179	Jan. 29	4815	1028	126	1374
De Mond, Herman L., Philadelphia, Pa. Tooth-powder receptacle.	867,017	Sept. 24	3473	984	130	1185
De Montford, G. R. (See Voland and Marchand, assignors.)						
De Moulin, Edmond and U. S., Greenville, Ill. Lifting-machine.	873,733	Dec. 17	2922	620	131	1704
De Moulin, Ulysses S. (See De Moulin, Edmond and U. S.)						
De Pew, Henry H., Chicago, Ill. Surgical instrument.	843,587	Feb. 12	1511	321	126	2203
De Puy, Hart S., Seattle, Wash. Hydraulic steering apparatus.	868,160	Oct. 15	1469	413	130	1505
De Ramus, William G., Petronia, Ala. Cotton-press.	852,825	May 7	923	189	128	235
De Reamer, Frank C. (See Hartley and De Reamer.)						
De Reamer, Frank C., Schenectady, N. Y., assignor to General Electric Company. Rotary switch.	841,234	Jan. 15	2909	632	126	827
De Reamer, Frank C., Schenectady, N. Y., assignor to General Electric Company. Attaching plug and receptacle.	852,708	May 7	677	131	128	177
De Remer, Robert P., assignor of one-half to A. T. Gerrans, Houma, La. Car-stanchion.	869,831	Oct. 29	4131	1141	130	2675
De Remer, William L., Chicago, Ill. Tie-plate.	853,683	May 14	2656	548	128	717
De Remer, William L., Chicago, Ill. Tie-plate.	853,684	May 14	2658	548	128	718
De Remer, William L., Chicago, Ill. Tie-plate.	856,396	June 11	1909	393	128	2213
De Remer, William L., Chicago, Ill., assignor to Republic Railway Appliance Company, St. Louis, Mo. Draft-rigging.	868,915	Oct. 22	2694	744	130	2208
De Schweinitz, Emil A., deceased, (F. H. Fries, executor,) assignor of three-fourths to J. C. Pennie, Washington, D. C., and H. R. Reynolds Tobacco Company, Winston Salem, N. C. Treating tobacco.	862,115	July 30	5896		129	2045
De Smith, Henry, assignor to M. D. Knowlton Company, Rochester, N. Y. Humidifier.	864,084	Aug. 20	3077	850	129	3104
De Smith, Henry, assignor to M. D. Knowlton Company, Rochester, N. Y. Cutting-machine.	865,020	Sept. 3	408	109	130	126
De Steiger, Joseph L., La Salle, Ill. Fruit-jar wrench.	846,016	Mar. 5	610	126	127	157
De Sylvia, Daniel W., Richmond, Va. Street-indicator for cars.	875,569	Dec. 31	6629	1387	131	2357
De Tumble, John E., assignor of two-thirds to R. De Tumble, Chicago, Ill. Means for attaching belt-shifter rods or poles.	844,333	Feb. 19	2964	633	126	2607

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De Tamble, Rose. (See De Tamble, John E., assignor.)						
De Tray, Floyd W., Aurora, Ill. Vise	855,447	June 4	13	4	128	1698
De Uherkócz, Julius U., Binghamton, N. Y. Mechanism for winged flying-machines or air-ships.	868,038	Oct. 15	1305	362-3	130	1756
De Uherkócz, Julius U., Binghamton, N. Y. Steering-gear for winged flying-machines or air-ships.	868,039	Oct. 15	1307	363	130	1756
De Vaux, Louis, assignor of one-half to J. C. Rogers and J. P. Greene, Albert Lea, Minn. Heating, cooking and washing apparatus.	866,630	Sept. 24	2876	813	130	994
De Veaux, Harry G., Robertsville, Ohio. Funnel.	843,873	Feb. 12	2043	437	126	2339
De Venille, Frederick H., Birmingham, England. Speed-gear.	862,425	Aug. 6	526	141	129	2250
De Vilbiss, Allen, Jr., assignor to Toledo Scale & Cash Register Company, Toledo, Ohio. Scale.	841,854	Jan. 22	4153	895	126	1183
De Vilbiss, Allen, assignor to De Vilbiss Manufacturing Company, Toledo, Ohio. Spray-producing point for atomizers.	842,390	Jan. 29	5269	1118	126	1494
De Vilbiss, John A., assignor of one-half to S. J. Harbaugh, St. Louis, Mo. Envelop-moistener.	859,646	July 9	2059	556	129	719
De Vilbiss Manufacturing Company. (See De Vilbiss, Allen, assignor.)						
De Vilbiss Manufacturing Company. (See De Vilbiss, Thomas A., assignor.)						
De Vilbiss Manufacturing Company. (See Pynchon, Edwin, assignor.)						
De Vilbiss, Thomas A., assignor to De Vilbiss Manufacturing Company, Toledo, Ohio. Atomizer.	864,456	Aug. 27	3656	1016-17	129	3317
De Vito, John A., Boston, Mass. Spinning-machine.	874,662	Dec. 24	4830	1014	131	2041
De Vito, John A., Boston, Mass. Variable-speed-transmitting gearing.	874,747	Dec. 24	5000	1053	131	2069
De Voe, Albert H., Elizabeth, N. J. Conduit-threading device.	873,996	Dec. 17	3431	730-1	131	1790
De Voe, Albert H., Elizabeth, N. J., assignor to Singer Manufacturing Company. Sewing-machine for producing scalloped tucks.	858,161	June 25	5343	1136	128	3148
De Voe, Albert H., Elizabeth, N. J., assignor to Singer Manufacturing Company. Sewing-machine folder.	858,709	July 2	600	157	129	207
De Voe, Albert H., Elizabeth, N. J., assignor to Singer Manufacturing Company. Sewing-machine lap-seam feller.	862,141	Aug. 6	33	9	129	2092
De Voe, Albert H., Elizabeth, N. J., assignor to Singer Manufacturing Company. Strip-guide for elastic fabrics.	866,006	Sept. 17	1959	547	130	673
De Voe, William E., Chicago Heights, Ill., assignor to E. H. Fallows, trustee, New York, N. Y. Brake-shoe.	874,663	Dec. 24	4832	1014	131	2042
De Vos, Arie, Minneapolis, Minn., assignor of one-half to S. S. Still, Des Moines, Iowa. Electrically-wound clock.	872,909	Dec. 3	1244	265	131	1362
De Voy, James F., Milwaukee, Wis. Truck.	860,644	July 23	3596	985	129	1286
De Vries, Emma O., Washington, D. C. Glove-retaining device.	846,914	Mar. 12	2411	529	127	642
De Walt, William T., Homestead borough, Pa. Base-ball-game board.	848,351	Mar. 26	5295	1155	127	1422
De Weese, James W., Hoopston, Ill. Flue-stopper.	854,086	May 28	5254	1094	128	1441
De Wein, George F. (See Allison and De Wein.)						
De Wein, George F., assignor to Allis-Chalmers Company, Milwaukee, Wis. Tank-closure.	863,160	Aug. 13	1710	460	129	2648
De Witt, Clinton C., assignor of one-half to F. L. Aymond, St. Louis, Mo. Compressed-air-cushion block for piling.	873,517	Dec. 10	2474	521	131	1598
De Witt, Francis B., et al. (See Benn, Howard H., assignor.)						
De Witt, Frank W. (See Wheeler, James F., assignor.)						
De Witt, Omar M., Hood River, Oreg. Spike.	850,421	Apr. 16	3464	725	127	2547
De Witt, William E. (See Chaney, James H., assignor.)						
De Wolff, Mathew G., Tampico, Mexico. Sealing device.	845,619	Feb. 26	5739	1214-15	126	3333
De Young, Bastian, Los Angeles, Cal. Awning.	854,933	May 28	5162	1076	128	1418
De Zeng, Henry L., Philadelphia, Pa. Nose-piece for eyeglasses.	842,181	Jan. 29	4818	1028	126	1357
Deach, Elizabeth, St. Paul, Minn. Curtain-stretcher frame.	847,556	Mar. 19	3672	810	127	989
Deady, John. (See Scott and Deady.)						
Deagan, John C., Chicago, Ill. Musical bell.	864,771	Sept. 3	9	3	130	5
Deal, Charles A., Kansas City, Mo. Game apparatus.	866,004	Sept. 17	1957	546	130	672
Dean, Alexander, Denver, Colo. Belt-checking device.	844,851	Feb. 19	4255	907	126	2922
Dean, Benjamin S., San Francisco, Cal. Means for producing expression-marks on music record-sheets.	847,740	Mar. 19	4066	888-9	127	1084
Dean, Benjamin S., San Francisco, Cal. Self-playing musical instrument.	862,058	July 30	5789	1606-7	129	2012
Dean, Benjamin S., San Francisco, Cal. Operating mechanism for musical instruments.	862,059	July 30	5793	1607	129	2014
Dean, Benjamin S., San Francisco, Cal. Pneumatic operating device for musical instruments and musical-instrument players.	862,060	July 30	5795	1607	129	2015
Dean, Benjamin S., San Francisco, Cal. Self-playing musical instrument.	862,061	July 30	5796	1607	129	2015
Dean, Charles G., Indianapolis, Ind. Apparatus for supplying explosive-engines with explosive mixture.	865,767	Sept. 10	1575	444	130	512
Dean, Cyrus S., assignor of one-half to A. D. Jamieson, Buffalo, N. Y. Breech-closure for ordnance.	859,438	July 9	1736	463	129	616
Dean, Cyrus S., assignor of one-half to A. D. Jamieson, Buffalo, N. Y. Railway-tie.	859,439	July 9	1738	464	129	616
Dean, Cyrus S., assignor of one-half to A. D. Jamieson, Buffalo, N. Y. Steam-boiler tube or flue cleaner or scraper.	864,772	Sept. 3	11	4	130	5
Dean, Edmund, London, England. Apparatus for transporting bedsteads.	859,548	July 9	1900	510-11	129	668
Dean Electric Company. (See Beyland, Sidney A., assignor.)						
Dean Electric Company. (See Brackett, Ernest W., assignor.)						
Dean Electric Company. (See Dean, William W., assignor.)						
Dean Electric Company. (See Lattig and Goodrum, assignors.)						
Dean Electric Company. (See Manson, Ray H., assignor.)						
Dean, George A., and S. E. Hall, Wayland, Tex. Grain-fender.	857,874	June 25	4726	1003	128	2990
Dean, George E., Albion, Mich. Shelf or rack.	857,724	June 25	4442	938	128	2921
Dean, George J., Campbell, Tex. Cattle-yoke.	843,586	Feb. 12	1510	320	126	2203
Dean, Frederick W., Des Moines, Iowa. Handpiece for dental engines.	855,288	May 28	5871	1223	128	1597
Dean, Harry J., Meadville, Pa. Locomotive-pilot.	871,789	Nov. 26	3423	841	131	956
Dean, John, Racine, Wis. Apparel-pocket.	853,068	May 7	1417	296	128	359
Dean, John R., Wesleyville, Pa. Corset-stay.	868,763	Oct. 22	2461	680	130	2137
Dean, Julia T., Milwaukee, Wis. Veil-pin.	843,263	Feb. 5	877	179	126	2017
Dean, Robert M., Wakefield, Mass. Detachable collar-supporter.	851,278	Apr. 23	5153	1083	127	3011
Dean, Smith, et al. (See Young and Conley, assignors.)						
Dean, Walter N., Evanston, Ill. Sectional mold.	866,114	Sept. 17	2132	593	130	727
Dean, Whitney, Greenwood, Nebr. Dropping device.	856,518	June 11	2127	437	128	2266
Dean, William A., Corning, N. Y. Railway structure.	859,207	July 9	1378	366	129	494
Dean, William R., McKeesport, Pa. Knockdown furniture.	856,036	June 4	1133	236-8	128	1980
Dean, William W., assignor to Dean Electric Company, Elyria, Ohio. Polystation signaling.	840,995	Jan. 8	2410	527	126	656
Dean, William W., assignor to Dean Electric Company, Elyria, Ohio. Harmonic selective signaling.	841,640	Jan. 15	3689	800-1	126	1028
Dean, William W., assignor to Dean Electric Company, Elyria, Ohio. Party-line telephone system.	842,772	Jan. 29	6111	1289-90	126	1702

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Dean, William W., assignor to Dean Electric Company, Elyria, Ohio. Harmonic signaling for polystation telephone-lines.	844,257	Feb. 12	2782	594	126	2524
Dean, William W., assignor to Dean Electric Company, Elyria, Ohio. Telephone-exchange system.	854,279	May 21	3876	799-800	128	1063
Dean, William W., assignor to Dean Electric Company, Elyria, Ohio. Means for protecting operators' ringing leads.	872,171	Nov. 26	4265	1018	131	1083
Dean, William W., assignor to Dean Electric Company, Elyria, Ohio. Ringing device for telephone-exchanges.	872,293	Nov. 26	4508	1070	131	1122
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system.	841,233	Jan. 15	2905	631	126	827
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone trunking system.	841,769	Jan. 22	3969	857	126	1133
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone trunking system.	842,178	Jan. 29	4812	1027	126	1373
Dean, William W., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Intercommunicating telephone system.	843,329	Feb. 5	1006	207	126	2044
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone trunking system.	843,871	Feb. 12	2032	437	126	2335
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system.	845,533	Feb. 26	5590	1184	126	3296
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone trunking system.	848,814	Apr. 2	429	85-6	127	1696
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system.	849,375	Apr. 9	1510	306	127	2008
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone trunking system.	849,461	Apr. 9	1673	338-9	127	2053
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone trunking system.	850,470	Apr. 16	3560	745	127	2570
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone trunking system.	851,500	Apr. 23	5578	1169	127	3114
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone trunking system.	851,803	Apr. 30	6206	1296	127	3306
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone trunking system.	853,682	May 14	2637	547-8	128	710
Dean, William W., assignor to Kellogg Switchboard and Supply Company. Trunk-line telephone system.	854,337	May 21	3972	821	128	1089
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system.	862,616	Aug. 6	867	232	129	2353
Dean, William W., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Testing system for telephone-lines.	864,454	Aug. 27	3651	1015	129	3315
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Supervisory system for telephone-lines.	864,887	Sept. 3	195	55	130	61
Dean, William W., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Telephone system.	866,266	Sept. 17	2346	653	130	795
Dean, William W., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Testing system for telephone-lines.	867,349	Oct. 1	186	54	130	1368
Dean, William W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system.	869,067	Oct. 22	2928	807	130	2282
Dean, William W., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Telephone wall set.	871,485	Nov. 19	2826	711	131	828
Dean, William W., assignor to Western Electric Company, Chicago, Ill. Telephone-toll-line system.	848,448	Mar. 26	5481	1194	127	1470
Dean, William W., assignor to Western Electric Company, Chicago, Ill. Coin-collecting appliance.	859,549	July 9	1901	511-12	129	669
Dearborn, Franklin J., F. Cavallaro, and A. S. MacKenzie. San Jose, Cal. Pipe-wrench.	844,852	Feb. 19	4256	907	126	2922
Dearborn, John S., Lynn, Mass. Game apparatus.	841,770	Jan. 22	3973	858	126	1133
Deare, Joseph H., Detroit, Mich. Snap-lever oiler.	852,319	Apr. 30	7242	1520	127	3566
Dearholt, John H., Wonewoc, Wis. Boring-tool or auger.	860,020	July 16	2639	717	129	938
Dearing, David M., Jackson, Mich. Motor-vehicle.	852,707	May 7	675	131	128	177
Dearing, David M., Jackson, Mich. Motor-vehicle running-gear.	869,881	Nov. 5	13	4-5	131	7
Dearing, David M., assignor of one-half to L. F. Boos, Jackson, Mich. Variable-speed power-transmission device.	869,882	Nov. 5	16	5	131	7
Dearing, David M., assignor of one-half to L. F. Boos, Jackson, Mich. Steering-gear.	871,678	Nov. 19	3189	791	131	889
Deasy, John, Detroit, Mich. Window-cleaner.	854,151	May 21	3632	750	128	996
Deaton, Charles W., Salem, Va. Hay-press.	860,284	July 16	3017	826	129	1068
Debrosse, Louis, South Bellingham, Mass. Fish-bait.	871,486	Nov. 19	2830	131	129	829
Debs, Louis H., Chicago, Ill. Molding for lamp-shades.	862,239	Aug. 6	213	59	129	2149
Decherd, Constant K., assignor to International Silver Co., Meriden, Conn. Hand-mirror.	863,364	Aug. 13	2023	545	129	2748
Deckebach, Henry E., Cincinnati, Ohio. Cooling wort.	841,126	Jan. 15	2708	592	126	77
Deckebach, Henry E., Cincinnati, Ohio. Apparatus for purifying, cooling, and drying air.	852,543	May 7	332	59	128	91
Decker, Charles. (See Imbt, William, assignor.)						
Decker, Edwin S., Malden, Mass. Water-heater.	845,061	Feb. 26	4652	989	126	3062
Decker, Edwin S., Malden, Mass. Water-heater. (Reissue.)	12,632	Apr. 9	2908	607	127	2360
Decker Electrical Manufacturing Company. (See Decker, Frank A., assignor.)						
Decker Electrical Manufacturing Company. (See Devine and Shinn, assignors.)						
Decker, Frank A., Philadelphia, Pa., assignor, by mesne assignments, to Decker Electrical Manufacturing Company, Wilmington, Del. Manufacture of elements for batteries or electrolytic apparatus.	839,815	Jan. 1	29	7	126	10
Decker, Frank A., Philadelphia, Pa., assignor, by mesne assignments, to Decker Electrical Manufacturing Company, Wilmington, Del. Electrochemical apparatus.	839,816	Jan. 1	31	8	126	10
Decker, Frank A., Philadelphia, Pa., assignor, by mesne assignments, to Decker Electrical Manufacturing Company, Wilmington, Del. Coupling for battery elements.	839,817	Jan. 1	33	8	126	10
Decker, Frank A., Philadelphia, Pa., assignor, by mesne assignments, to Decker Electrical Manufacturing Company, Wilmington, Del. Battery.	842,389	Jan. 29	5267	1117-18	126	1494
Decker, Frank A., Philadelphia, Pa., assignor to Decker Electrical Manufacturing Company, Wilmington, Del. Battery.	842,867	Feb. 5	52	12	126	1802
Decker, Frank A., Philadelphia, Pa., assignor, by mesne assignments, to Decker Electrical Manufacturing Company, Wilmington, Del. Battery element.	842,945	Feb. 5	205	46	126	1840
Decker, Frank A., Philadelphia, Pa., assignor, by mesne assignments, to Decker Electrical Manufacturing Company, Wilmington, Del. Battery.	857,606	June 25	4210	890	128	2861
Decker, Frank A., Philadelphia, Pa., assignor, by mesne assignments, to Decker Electrical Manufacturing Company, Wilmington, Del. Electrochemical apparatus.	857,607	June 25	4213	890	128	2862
Decker, Frank A., Philadelphia, Pa., assignor, by mesne assignments, to Decker Electrical Manufacturing Company, Wilmington, Del. Battery train-lighting system.	873,732	Dec. 17	2920	620	131	1703

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Decker, George R., Dayton, Ohio. Water heater and purifier.....	862,314	Aug. 6	346	96	129	2192
Decker, Levi, assignor to W. A. McMichael, Sturgis, S. D. Whiffletree attachment.....	862,062	July 30	5798	1608	129	2016
Decker, Morton, Chicago, Ill., and C. H. Shaw, Milwaukee, Wis. Centrifugal liquid-separator.....	857,794	June 25	4584	970-1	128	2957
Decker, W. W. K. (See Driver, Charles H., assignor.)						
Decker, Walter W., assignor of one-half to L. P. Snow, Minneapolis, Minn. Grain-door for cars.....	864,230	Aug. 27	3311	917-18	129	3207
Decker, William J., Detroit, Mich. Bow-rest.....	875,052	Dec. 31	5633	1176	131	2193
Deckert, Henry P., Marion Junction, S. D. Wrench.....	874,742	Dec. 24	4994	1052	131	2068
Deckert, James W., Oakville, Ontario, Canada. Machine for splitting raw hides and skins.....	856,395	June 11	1903	392	128	2212
Decks, Robert E., New York, and J. O. Drennan, Syracuse, N. Y. Desk-lid support.....	865,481	Sept. 10	1126	320	130	371
Decman, Anton, <i>et al.</i> (See Mehle, Michael, assignor.)						
Deddens, George. (See Mains, Claude P., assignor.)						
Dedels, Henry W., Winnipeg, Manitoba, Canada. Shoe-polishing device.....	873,515	Dec. 10	2471	521	131	1597
Dederick, Zadoc P., Sherman, Tex. Automatic mail and parcel delivery apparatus.....	845,765	Mar. 5	62	13-14	127	19
Dedolph, Eduard, Marysville, British Columbia, Canada. Desulfurizing and reducing sulfid ores.....	870,668	Nov. 12	1265		131	446
Deeds, Reed, Cuyahoga Falls, Ohio. Retaining and supporting frame for wall-molds.....	849,664	Apr. 9	2073	425	127	2151
Deeds, Samuel P., Circleville, Ohio. Fire-escape.....	865,167	Sept. 3	609	172	130	185
Deeg, Martin. (See Howe, Deeg, and La Bare.)						
Deegan, Ann, Chicago, Ill. Cover for flat-irons.....	865,768	Sept. 10	1577	444	130	513
Deeks, Hiram C. J., Paterson, N. J. Colored picture and making same.....	856,519	June 11	2129	437	128	2266
Deem, Arthur S., assignor of one-half to J. Bear, Reading, Pa. Insulator.....	872,993	Dec. 3	1408	295	131	1389
Deer, James E., Fairfax, S. C. Cotton-cultivator.....	863,513	Aug. 13	2227	602	129	2809
Deere & Company. (See Melvin, Charles H., assignor.)						
Deere & Company. (See Poole and Kiel, assignors.)						
Deere & Company. (See Sklovsky, Max, assignor.)						
Deesz, Karl, Cologne, Germany. Filler apparatus for conveyers.....	861,505	July 30	4948	1359	129	1755
Deetrick, James W., Youngstown, Ohio. Blast connection for furnaces.....	868,416	Oct. 15	1887	530	130	1930
Deetz & Co. (See Gobeil, Adélar J., assignor.)						
Deevens, Griffen H., Chicago, Ill. Wrench.....	854,338	May 21	3976	821	128	1090
Defiance Machine Works. (See Seymour, Charles, assignor.)						
Degen, Julius. (See Lea and Degen.)						
Degen, Julius, Trenton, N. J. Balancing centrifugal pumps.....	841,642	Jan. 15	3694	803	126	1029
Degen, Julius, Trenton, N. J. Centrifugal pump.....	841,643	Jan. 15	3695	803-4	126	1029
Degen, Julius, Trenton, N. J. Drawing instrument.....	864,455	Aug. 27	3654	1015-16	129	3316
Degen, Julius, assignor, by mesne assignments, to Lea-Degen Pump Company, Trenton, N. J. Means for balancing centrifugal pumps.....	840,116	Jan. 1	640	139-40	126	169
Degen, Julius, assignor, by mesne assignments, to Lea-Degen Pump Company, Trenton, N. J. Means for balancing centrifugal pumps.....	841,641	Jan. 15	3692	801-3	126	1028
Degen, William, and A. Manuel, Fresno, Cal. Transmission-gear.....	842,773	Jan. 29	6114	1290	126	1702
Degenhart, Ellen M., Philipsburg, Mont. Garment-supporter.....	863,159	Aug. 13	1709	459-60	129	2648
Degner, Otto, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Compound of silver and nucleic acids.....	852,544	May 7	333		128	91
Degner, Otto, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Compound of silver and formonucleic acid.....	852,545	May 7	334		128	91
Dehler, Albert S., Minneapolis, Minn. Gravity-conveyer.....	867,350	Oct. 1	188	54	130	1370
Dehler, Edward E., Wonewoc, Wis. Calf-weaner.....	873,516	Dec. 10	2472	521	131	1597
Dehn, Edward, Fruita, Colo. Magazine repeating firearm.....	841,670	Jan. 22	3757	816	126	1077
Dehnel, Erich. (See Stieglmann and Dehnel.)						
Deicke, Bernhard. (See Schirmacher and Deicke.)						
Deierl, Hans, Munich, Germany. Electrical hair-curler.....	849,981	Apr. 9	2637	551	127	2294
Deignan, James H., administrator. (See Mern, John P., assignor.)						
Deiller, Eugene M. (See Koerber and Deiller.)						
Deiller, Martin. (See Koerber and Deiller.)						
Deirzel, Rudolph, Chicago, Ill. Sofa-bed.....	854,722	May 28	4725	982-3	128	1305
Deirzel, Rudolph, Chicago, Ill. Sofa-bed.....	863,365	Aug. 13	2024	546	129	2748
Deinet, Joseph, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Anthracene dye.....	874,743	Dec. 24	4995		131	2068
Deinet, Joseph, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Anthracene dye.....	874,744	Dec. 24	4996		131	2068
Deis, Philip H., Washington, D. C. Pump.....	840,919	Jan. 8	2269	499	126	620
Deis, Philip H., Washington, D. C. Folding rack for poultry, &c.....	858,159	June 25	5340	1135	128	3147
Deitch, Charles J., and O. L. Biddle, assignors of one-third to M. N. Knell, Elkhart, Ind. Carpet-sweeper.....	865,084	Sept. 3	504	138-9	130	153
Deitrick, Louisa, New Brighton, Pa. Stair-rod fastener.....	843,521	Feb. 5	1372	289	126	2137
Deitz, Henry, Denver, Colo. Rock-drill.....	844,582	Feb. 19	3718	782	126	2785
Dekle, De Roy, McRae, Ga. Watchmaker's tool.....	848,449	Mar. 26	5487	1195	127	1471
Dekle, James M. (See Dukas and Dekle.)						
Del Grande, Nicholas. (See Delgrande and Del Grande.)						
Del Grande, Nicholas, Petersburg, Va. Fire-cracker.....	863,514	Aug. 13	2228	602	129	2810
Del Mar, Harry, New York, N. Y. Water-tube steam-boiler.....	844,713	Feb. 19	3979	846	126	2849
Del Mar, Harry, New York, N. Y., assignor to Boilers and Engineering Company, Jersey City, N. J. Water-tube boiler.....	842,084	Jan. 22	4583	985	126	1281
Del Mar, Harry, New York, N. Y., assignor to Boilers and Engineering Company, Jersey City, N. J. Water-tube boiler.....	842,633	Jan. 29	5800	1225	126	1628
Del Mar, Harry, New York, N. Y., assignor to Boiler and Engineering Company, Jersey City, N. J. Boiler.....	855,446	June 4	12	3	128	1698
Del Valle, Armando, New York, N. Y. Shutter operator or worker.....	870,819	Nov. 12	1517	414	131	526
Delaney, James A., and J. Lawson, Orange, Mass. Folding dust-pan.....	842,946	Feb. 5	206	47	126	1841
Delaney, James G., and A. Lambert, Newark, N. J. Fall-rope carrier.....	840,443	Jan. 1	1324	293	126	347
Delaney, James G., and A. Lambert, Newark, N. J. Fall-rope carrier.....	867,573	Oct. 8	536	153	130	1497
Delano, Harry N., Chicago, Ill. Commutation railway-ticket.....	841,853	Jan. 22	4152	894	126	1182
Delany, Charles B. (See Lindenberg and Delany.)						
Delany, James H., Wilkinsburg, Pa. Valve.....	858,063	June 25	5157	1092	128	3101
Delany, John F., Colona, Ill. Shaking-sieve.....	871,571	Nov. 19	3004	749	131	857
Delany, Patrick B., South Orange, N. J. Telegraphy.....	874,745	Dec. 24	4996	1052	131	2068
Delbon, Frank G., assignor to William Lane, Brooklyn, N. Y. Manufacture of shoes.....	864,835	Sept. 3	113	31-2	130	37
Delbon, Frank G., Brooklyn, assignor to Hygienic Shoe Shank Company, New York, N. Y. Manufacture of shoes.....	874,396	Dec. 24	4296	904	131	1955
Delbon, Frank G., Brooklyn, assignor to Hygienic Shoe Shank Company, New York, N. Y. Shoe-shank stiffener.....	874,884	Dec. 24	5246	1105	131	2112
Delcampe, Cyrille, Quincy, Mass. Blowpipe.....	874,492	Dec. 24	4479	943	131	1985
Delfosse, Arthur. (See Mastain and Delfosse.)						
Delhomme, Jean L., Lyon, France. Spoke-tightening device.....	867,645	Oct. 8	641	181	130	1529
Dellanna, Antonio, Salt Lake City, Utah. Pump.....	865,019	Sept. 3	407	108-9	130	125

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Delo, Charles P., Shippenville, Pa. Propulsion of vehicles.....	867,254	Oct. 1	35	11	130	1327
Delphely, John P., Toledo, Ohio. Wire-payout reel.....	865,482	Sept. 10	1128	320	130	371
Delanoy, Frederick W., Oakland, Cal. Water-closet.....	845,534	Feb. 26	5593	1184	126	3297
Delaunay-Belleville, L. M. G., Neuilly-sur-Seine, France. Water-circulating apparatus.....	853,866	May 14	3028	621	128	807
Delaunay-Belleville, Louis M. G., Neuilly sur Seine, assignor to Société Anonyme des Etablissements Delaunay-Belleville, Seine, France. Locking device.....	842,632	Jan. 29	5799	1224	126	1627
Delaunay-Belleville, Louis M. G., Neuilly, assignor to Société Anonyme des Automobiles Delaunay Belleville, Seine, France. Pump.....	859,752	July 9	2210	600	129	769
Delavan, Willard M., assignor to Triumph Voting Machine Company, Pittsfield, Mass. Multi-indorsement-restricting device for voting-machines.....	846,014	Mar. 5	606	126	127	156
Delavan, Willard M., and A. B. Camp, assignors to Triumph Voting Machine Company, Pittsfield, Mass. Grouping mechanism for voting-machines.....	847,047	Mar. 12	2666	587	127	706
Delavergne Machine Company. (See Franchetti, Alessandro, assignor.)						
Delgrande, Antonio, and N. Del Grande, Berea, Ohio. Repeating detonating-cane.....	850,353	Apr. 16	3341	697	127	2515
Delgrande, Antonio, and N. Del Grande, Berea, Ohio. Repeating detonating-cane.....	850,354	Apr. 16	3343	697	127	2516
Delle, Harry, Cincinnati, Ohio. Brush.....	846,287	Mar. 5	1127	246	127	285
Dellinger, Abraham M., Lancaster, Pa. Vertical-disk grinding-mill.....	855,099	May 28	5516	1145	128	1506
Dellinger, Abraham M., Lancaster, Pa. Grinding-mill.....	858,267	June 25	5530	1182	128	3196
Dellinger, David P., Cleveland, N. C. Plate-lifter.....	850,737	Apr. 16	4084	854	127	2702
Deloche, Louis V., Monongahela, Pa. Pipe-coupling.....	864,618	Aug. 27	3950	1096	129	3405
Deloe, Edward G., Roaring Spring, Pa. Fish cutting and dressing machine.....	848,450	Mar. 26	5488	1195-6	127	1471
Deloye, Alexander J., Torrington, Conn. Anode.....	858,160	June 25	5342	1136	128	3147
Delph, Frank A., New Orleans, La. Heating attachment for grates.....	862,064	July 30	5801	1608-9	129	2017
Delph, Frank A., New Orleans, assignor of one-half to B. A. Colomb, St. James parish, La. Heating apparatus.....	857,795	June 25	4588	971	128	2958
Delphos Manufacturing Company. (See Foster, Bertram G., assignor.)						
Delpire, Firmin, Chicago, Ill. Vegetable washing and peeling machine.....	856,037	June 4	1135	238	128	1981
Delporte, Henri, fils, Ougrée, Belgium, assignor to Eisen-und Stahlwerk Hoesch, Aktiengesellschaft, Dortmund, Germany. Manufacturing steel.....	861,440	July 30	4871		129	1730
Delzeit, Peter J., Jr., Rosedale, N. J. Toy.....	840,920	Jan. 8	2271	499	126	621
Delzell, Charles M., et al. (See McCutchan, Albert H., assignor.)						
Demacacos, George, New York, N. Y. Valved closure.....	844,332	Feb. 19	2962	632	126	2607
Demacacos, George, Chicago, Ill. Combination coat and vest.....	866,342	Sept. 17	2465	688	130	831
Demarest, George A., assignor of one-half to J. Hanson, Berwick, La. Clothes-line apparatus.....	842,085	Jan. 22	4585	986	126	1282
Demarest, John, Binghamton, N. Y. Grate.....	846,015	Mar. 5	608	126	127	156
Demarest, Warren G., et al. (See Bowly, Franklin H., assignor.)						
Demartini, Frank J. (See Archer and Demartini.)						
Demelius, Eduard, Hamburg, Germany. Holder or receptacle for match-boxes, &c.....	850,141	Apr. 16	2939	614	127	2407
Dement, George W., Caldwell, Idaho. Riding-harrow.....	861,441	July 30	4871	1335	129	1730
Demers, Frank A., St. Hyacinthe, Quebec, Canada, assignor of one-half to C. E. Wake-man, Pontiac, Mich. Knitting-machine.....	840,828	Jan. 8	2068	458-9	126	570
Demers, Nazaire, Manchester, N. H. Welt-replenishing loom.....	859,208	July 9	1379	366-7	129	495
Demery, Joseph H. (See Demery, Thomas R. and J. H.)						
Demery, Thomas R. and J. H., Philadelphia, Pa. Automatic plate-printing machine.....	867,708	Oct. 8	729	204-5	130	1557
Deming, Charles G., Kingston, N. Y. Door-check.....	842,304	Jan. 29	5070	1080	126	1437
Demorest, Milton J., Belding, Mich. Mold for concrete walls.....	868,764	Oct. 22	2461	680-1	130	2137
Demory, Alexander F., assignor of one-third to C. J. Suhm, Houston, Tex. Oil-can.....	857,517	June 18	4024	856	128	2783
Demoulin, Theodor, Bielitz, Austria-Hungary. Ring-traveler for ring-spinning and ring-twisting frames.....	865,242	Sept. 3	729	209	130	219
Dempsey, James M., Chicago, Ill., assignor of seven-tenths to W. B. Beckman, Fayetteville, Ark., H. T. Rogers and M. Dempsey, Chicago, Ill. Telephone-transmitter.....	845,062	Feb. 26	4655	989	126	3062
Dempsey, John C. (See Scholler and Dempsey.)						
Dempsey, Madeline, et al. (See Dempsey, James M., assignor.)						
Dempster, Charles B., and H. S. Molony, assignors to Dempster Mill Manufacturing Company, Beatrice, Nebr. Windmill.....	850,628	Apr. 16	3879	810	127	2652
Dempster, John T. H., Schenectady, N. Y., assignor to General Electric Company. Electrically-operated valve.....	850,738	Apr. 16	4085	854	127	2702
Dempster, John T. H., Schenectady, N. Y., assignor to General Electric Company. Thermal cut-out.....	854,723	May 28	4727	983	128	1305
Dempster, John T. H., Schenectady, N. Y., assignor to General Electric Company. Thermal cut-out.....	854,724	May 28	4728	983	128	1306
Dempster Mill Manufacturing Company. (See Dempster and Molony, assignors.)						
Dempster Mill Manufacturing Company. (See Molony, Harry S., assignor.)						
Denmuth, Albert, Laurenburg-on-the-Lahn, Germany. Round buddle for dressing ores.....	869,883	Nov. 5	17	5	131	8
Denmuth, George E., et al. (See Rau, Henry, Jr., assignor.)						
Denayrouze, Louis, Paris, France. Low-pressure vapor-burning incandescent lamp.....	842,634	Jan. 29	5802	1225	126	1628
Denegre, James D. (See Shee, Parke B., assignor.)						
Denham, George A. (See Pearson, Henry, assignor.)						
Denief, George W., Lowell, and L. B. Howard, Lynn, Mass. Cut-off.....	866,440	Sept. 17	2595	724	130	875
Denio, William L., assignor of one-half to H. F. Atkinson, Rochester, N. Y. Support for phonograph-horns.....	852,656	May 7	568	108	128	148
Denio, William L., assignor of one-half to H. F. Atkinson, Rochester, N. Y. Horn-support.....	852,657	May 7	570	109	128	148
Denis, Luc L. B., Paris, France. Speed-indicator.....	844,259	Feb. 12	2786	595-6	126	2525
Denison, Harry E. (See Blake and Denison.)						
Denison, Wallace B., et al. (See Hanlon, Andrew J., assignor.)						
Denison, William W., et al. (See Hanlon, Andrew J., assignor.)						
Deusthorpe, Frederick R. and A. Chambers, Leicester, England. Machine for balling yarn.....	850,908	Apr. 23	4426	926	127	2831
Denlea, Leo C. A., New York, N. Y. Window-sash fastener.....	849,982	Apr. 9	2638	551	127	2294
Denlea, Leo C. A., New York, N. Y. Clothes-line fastener.....	849,983	Apr. 9	2639	551	127	2294
Denmead, James H., Westport, Va. Building-block.....	862,887	Aug. 13	1288	349-50	129	2513
Denmead, John W., Akron, Ohio. Egg-carrier.....	840,558	Jan. 8	1568	346	126	446
Denmead, John W., Akron, assignor to K. D. Box and Label Company, Cleveland, Ohio. Machine for making paper-box blanks.....	871,487	Nov. 19	2831	712-13	131	829
Dennehy, Michael H., et al. (See Bergmann, Charles, assignor.)						
Denney, James H., Portland, Ind. Vault-cover mold.....	848,538	Mar. 26	5635	1234	127	1506
Dennick, William, et al. (See Broome, Henry, assignor.)						
Dennis, Adolphus S., Cleveland, Ohio, assignor, by mesne assignments, to Calulus Company. Computing-machine.....	842,138	Jan. 22	4708	1008	126	1315
Dennis, Alfred A., Grand Rapids, Mich. Carrot-sweeper.....	860,534	July 16	3396	933	129	1187
Dennis, Alfred A., assignor of one-half to Royal Furniture Company, Grand Rapids, Mich. Veneer-gluing machine. (Reissue).....	12,621	Mar. 19	4617	1012	127	1214
Dennis, Carey, assignor of one-fourth to A. Hurst, Carthage, Mo. Boiler-trap.....	850,878	Apr. 16	4358	913	127	2774
Dennis, Harry R. (See Dennis, James M. and H. R.)						
Dennis, James M. and H. R., Richmond, assignors to New Castle Electric Sign Company, Newcastle, Ind. Advertising-sign.....	851,074	Apr. 23	4719	993	127	2903

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Dennis, John H., Cowrun, Ohio. Guide for pump sucker-rods.	866,005	Sept. 17	1958	546	130	673
Dennis, John J., assignor of one-half to F. W. Fullmer and F. E. Ball, Chicago, Ill. Adjustable scaffold-bracket.	853,344	May 14	1987	410	128	543
Dennis, John J., assignor of one-half to F. W. Fullmer and F. E. Ball, Chicago, Ill. Adjustable gas drop-light.	866,777	Sept. 24	3113	876	130	1072
Dennis, Joseph A., Ardmore, Ind. Ter. File-holder for filing-machines.	841,671	Jan. 22	3759	816	126	1078
Dennis, Lydia H., Gratz, Ky. Hinge.	874,746	Dec. 24	4999	1052	131	2069
Dennis, Sam. (See Reily, John P., assignor.)						
Dennis, Samuel K., Chicago, Ill., assignor to International Harvester Company. Wagon running-gear.	859,209	July 9	1384	368	129	497
Dennis, Samuel K., and F. W. Rice, Chicago, Ill., assignors to International Harvester Company. Fertilizer-distributor.	846,188	Mar. 5	950	201-2	127	241
Dennis, Samuel K., and F. W. Rice, Chicago, Ill., assignors to International Harvester Company. Fertilizer-distributor.	847,323	Mar. 19	3199	703-4	127	864
Dennis, Samuel K., and F. W. Rice, Chicago, Ill., assignors to International Harvester Company. Feed-grinder.	867,018	Sept. 24	3474	984	130	1185
Dennis, Samuel K., and F. W. Rice, Chicago, Ill., assignors to International Harvester Company. Fertilizer-distributor.	867,019	Sept. 24	3477	984-5	130	1186
Dennis, Samuel K., and F. W. Rice, Chicago, Ill., assignors to International Harvester Company. Manure-spreader.	873,030	Dec. 10	1523	319-20	131	1437
Dennis, Thomas L., New York, N. Y. Type-writing machine.	860,643	July 23	3593	985	129	1285
Dennis, Thomas L., Jr., and A. C. Lindholm, Prince Bay, N. Y. Work-locating indicator.	869,483	Oct. 29	3584	982-3	130	2512
Dennis, William R., Denver, Colo. Package-handling device.	840,996	Jan. 8	2412	528	126	656
Dennison, Robert L., Kansas City, Mo. Machine for making fence-posts.	841,644	Jan. 15	3697	804-5	126	1030
Dennison, Robert L., Kansas City, Mo. Machine for making fence-posts.	853,069	May 7	1419	296	128	359
Denniston, Ezra G., Amsterdam, N. Y. Button-making machine.	863,702	Aug. 20	2507	692	129	2930
Denny, Hosea N., New York, N. Y. Liquid-meter.	849,602	Apr. 9	1961	402	127	2122
Denny, Winfield A., assignor of two-thirds to B. D. Emanuel and C. W. Hooven, Anderson, Ind. Electric hammer.	847,741	Mar. 19	4069	889	127	1085
Densmore Typewriter Company. (See Barron and Merritt, assignors.)						
Densmore Typewriter Company. (See Rees, Perley E., assignor.)						
Densmore Typewriter Company. (See Smith, George H., assignor.)						
Dent, Charles H., Tamworth, England. Belt-shifter for motor-vehicles.	870,159	Nov. 5	441	121-2	131	145
Dental Protective Supply Company of the United States. (See Morris, Joseph, assignor.)						
Dentists Supply Company. (See Gibson, Joseph F., assignor.)						
Denton, Erastus H., Atlanta, Ga. Fruit-gatherer.	850,355	Apr. 16	3344	697	127	2516
Dentzeau, George, West New York, N. J. Tire-shoe.	870,548	Nov. 12	1060	289	131	373
Denver Engineering Works Co. (See Shepard, Frank E., assignor.)						
Denzin, Henry A., Ross township, Allegheny county, Pa. Heating-furnace.	868,974	Oct. 22	2779	766	130	2235
Deperdussin, Hippolyte, Paris, France, assignor to Pasteur Vaccine Company Limited, London, England. Apparatus for injecting solid vaccine matter.	842,631	Jan. 29	5797	1224	126	1627
Deport, Joseph A., Paris, France. Compressed-air brake for guns that recoil on their carriages.	843,522	Feb. 5	1373	289	126	2137
Deputy, Elijah E., assignor to D. B. Perry, Wilmington, Del. Machine for stropping razors.	869,068	Oct. 22	2931	807	130	2283
Derby, Albert J., Honolulu, Hawaii. Loading apparatus.	872,278	Nov. 26	4477	1064	131	1117
Derby, Alden W., Leominster, Mass. Step-ladder.	850,142	Apr. 16	2939	615	127	2407
Derby, Egbert H., Winnebago, Minn. Wrench.	857,163	June 18	3355	708	128	2616
Derby, John H. (See Wall and Derby.)						
Derfler, George A., assignor to Philadelphia Watch Case Company, Riverside, N. J. Forming watchcase-pendants.	866,194	Sept. 17	2240	624	130	761
Derge, Frank E., Eau Claire, Wis. Cigar-package.	873,217	Dec. 10	1885	395	131	1496
Dern, George H. (See Janney and Dern.)						
Derr, Edward. (See Pickford and Derr.)						
Derr, Thomas L., Reading, Pa. Automatic grease-cup.	845,932	Mar. 5	427	87	127	110
Derrig, Patrick J., North Weymouth, Mass., assignor to American Agricultural Chemical Company, New York, N. Y. Apparatus for nitrating sulfur dioxide.	850,820	Apr. 16	4233	889	127	2741
Derry, Elbert R., Leadville, Colo. Press.	847,167	Mar. 12	2885	635	127	759
Dersch, John H. (See Schepman and Teamer, assignors.)						
Des Isles, Leonard H., Chicago, Ill. Alarm-signal for movable bearings.	859,925	July 16	2478	673	129	885
Des Jardins, Benjamin M., Hartford, Conn., assignor, by mesne assignments, to Unitype Company. Calculating device.	844,554	Feb. 19	3416	736-7	126	2717
Des Jardins, Benjamin M., Hartford, Conn., assignor, by mesne assignments, to Unitype Company. Type-justifier.	844,555	Feb. 19	3426	737-9	126	2719
Des Jardins, Benjamin M., Hartford, Conn., assignor, by mesne assignments, to Unitype Company. Type-justifying machine.	844,556	Feb. 19	3440	739-41	126	2724
Des Jardins, Benjamin M., Hartford, Conn., assignor, by mesne assignments, to Unitype Company. Type-justifying machine.	844,557	Feb. 19	3448	741-2	126	2726
Des Jardins, Benjamin M., Hartford, Conn., assignor, by mesne assignments, to Unitype Company. Type-justifier.	844,558	Feb. 19	3455	742-3	126	2727
Des Jardins, Benjamin M., Hartford, Conn., assignor, by mesne assignments, to Unitype Company. Type-justifier.	844,559	Feb. 19	3463	743-4	126	2729
Des Jardins, Benjamin M., Hartford, Conn., assignor, by mesne assignments, to Unitype Company. Type-justifier.	844,560	Feb. 19	3472	745-6	126	2732
Des Jardins, Benjamin M., Hartford, Conn., assignor, by mesne assignments, to Unitype Company. Type-justifier.	844,561	Feb. 19	3482	746-7	126	2734
Des Jardins, Benjamin M., Hartford, Conn., assignor, by mesne assignments, to Unitype Company. Type-justifying machine.	844,562	Feb. 19	3491	748-51	126	2736
Des Jardins, Benjamin M., Hartford, Conn., assignor, by mesne assignments, to Unitype Company. Type-justifying machine.	844,563	Feb. 19	3532	752-5	126	2749
Des Jardins, Benjamin M., West Hartford, Conn., assignor, by mesne assignments, to Unitype Company. Type-justifying machine.	844,564	Feb. 19	3556	755-9	126	2752
Deschambault, Alfred, Whitewood, Saskatchewan, Canada. Stone-puller.	851,732	Apr. 30	6076	1270	127	3271
Deschamps, Albert, Paris, France. System for operating switch-points and signals.	848,293	Mar. 26	5175	1127-9	127	1394
Desforges, Leonce, Jr., New Orleans, La. Refrigerator.	844,924	Feb. 19	4379	936	126	2952
Desforge, Raoul, Lyon, France. Treatment of albuminous substances.	863,288	Aug. 13	1883	.....	129	2701
Desgraz, Adolphe, and P. Schmidt, Hanover, Germany. Furnace for obtaining zinc from zinc ores.	843,872	Feb. 12	2041	437	126	2338
Deshane, Thomas H., Seattle, Wash. Fruit-clipper.	846,732	Mar. 12	2032	447	127	547
Desmond, Joseph F., et al. (See Gilroy, Frank J., assignor.)						
Desper, Henry A., Worcester, Mass. Leak-detector and metering mechanism.	842,947	Feb. 5	207	47	126	1841
Desper, Henry A., Worcester, Mass. Hydraulic valve.	845,063	Feb. 26	4657	990	126	3063
Desrosiers, Joseph A., Montreal, Quebec, Canada. Faucet.	848,088	Mar. 26	4794	1046	127	1298
Destree, Louis, Haren, Belgium. Dyeing apparatus.	856,134	June 4	1317	275-6	128	2025
Désy, Louis A., assignor to J. W. Harris, Montreal, Quebec, Canada. Excavating apparatus.	844,104	Feb. 12	2469	529-30	126	2442

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Désy, Louis A., assignor to J. W. Harris, Montreal, Quebec, Canada. Scraper for orange-peel buckets.....	851,733	Apr. 30	6076	1270	127	3272
Désy, Louis A., assignor to J. W. Harris, Montreal, Quebec, Canada. Excavator-scraper.	873,734	Dec. 17	2924	620	131	1704
Detar, Homer, and W. Schoonover, Fryburg, Pa. Axle-stub.....	852,169	Apr. 30	6983	1457	127	3503
Detering, Carl W., (See Harbaugh and Detering.)						
Determann, Anton J., Beresford, S. D. Reeling and unreeling attachment.....	844,260	Feb. 12	2791	596	126	2526
Detert, George H., Lewiston, Mont. Suspenders.....	861,640	July 30	5160	1416	129	1822
Detrick, Benjamin J., and I. A. Weaver, Springfield, Ill.; said Weaver assignor to said Detrick. Draft-equalizer.....	840,755	Jan. 8	1942	427	126	539
Detrick, Ernest L., Cleveland, Ohio. Tooth-brush.....	851,501	Apr. 23	5588	1169	127	3117
Detrick, Jacob S., Baltimore, Md. Clutch-operating mechanism.....	843,076	Feb. 5	481	102	126	1917
Detrick, Jacob S., and J. W. Neidhardt, Baltimore, Md. Stone turning and cutting machine.....	855,234	May 28	5767	1201-2	128	1570
Detroit Auto Specialty Co. (See Wilson, John A., Jr., assignor.)						
Detroit Lubricator Company. (See Hodges, Clarence B., assignor.)						
Detroit Lubricator Company. (See Lavigne, Joseph P., assignor.)						
Detroit Steam Engine Company. (See MacLachlan, John D., assignor.)						
Detroit Stove Works. (See Van Wie, Edwin G., assignor.)						
Detroit Trust Co., trustee. (See Johnston, Robert T., assignor.)						
Detroit Trust Co., trustee. (See Southgate, Louis W., assignor.)						
Detroit Trust Co., trustee. (See Wood, Henry A. W., assignor.)						
Dettelbach, Edward, Denver, Colo. Brake-shoe.....	843,523	Feb. 5	1377	290	126	2137
Dettwyler, Johann J., Sissach, Switzerland. Newspaper-holder.....	857,608	June 25	4215	891	128	2862
Dettwyler-Brüderlin, Johann J., Sissach, Switzerland. Letter-file.....	851,870	Apr. 30	6359	1326	127	3346
Detwiler, Charles N., Delta, Ohio. Sharpener for band-cutters.....	855,390	May 28	6038	1261	128	1639
Deuberry, William C., Greenfield, Tenn. Roll-paper holder and cutter.....	869,069	Oct. 22	2932	808	130	2283
Deuerling, Fred, Chicago, Ill. Pie-machine.....	857,609	June 25	4215	891-2	128	2863
Deutsch, John H., De Berry, assignor of one-half to J. T. Strange, Elysian Fields, Tex. Piano-action.....	854,280	May 21	3881	800	128	1064
Deutsche Conservierungs-Gesellschaft für Nahrungs-und Genussmittel mit beschränkter Haftung. (See Rücker, Karl, assignor.)						
Deutsche Steinzeug Waarenfabrik für Canalisation und Chemische Industrie. (See Lindner, Georg, assignor.)						
Deutsche Telefonwerke Gesellschaft mit Beschränkter Haftung. (See Avén, Johan A., assignor.)						
Deutsche Waffen & Munitionsfabriken. (See Geschke, Ernst, assignor.)						
Deutsche Waffen-und Munitionsfabriken. (See Gleinich, Arthur, assignor.)						
Deutsche Waffen-und Munitionsfabriken. (See Raabe, Paul, assignor.)						
Devac Auto Company. (See Smith, Elmer S., assignor.)						
Devan, Andrew, Missoula, Mont. Ladder.....	867,020	Sept. 24	3479	985	130	1186
Development and Funding Company. (See Backeland, Leo H., assignor.)						
Dever, Daniel M., Qulin, Mo. Clamping device.....	858,965	July 2	1031	271	129	353
Devereux, Arthur F., New York, N. Y. Course or track for skating.....	819,665	Apr. 9	2074	426	127	2151
Devers, Nathan H., Washington, D. C. Woodworking-tool.....	854,725	May 28	4730	983-4	128	1306
Devers, Nathan H., and E. Williams, Washington, D. C. Cold-storage apparatus.....	851,618	Apr. 23	5822	1216	127	3175
Devilbiss, Edward H., Westminster, Md. Corn-horse.....	851,000	Apr. 23	4582	960	127	2867
Devine, David R. C., assignor to himself and J. F. Phillips, Philadelphia, Pa. Automobile-wheel.....	848,885	Apr. 2	581	116	127	1738
Devine, James A., Zanesfield, Ohio. Cement-mixer.....	847,281	Mar. 12	3109	685	127	814
Devine, Robert F., Erie, Pa. Attachment for lathes.....	861,641	July 30	5161	1416	129	1823
Devine, William J., Norwalk, Conn. Insulator.....	869,163	Oct. 22	3063	845	130	2324
Devine, William P., Dorchester, Mass. Metal covered box.....	859,373	July 9	1649	439	129	587
Devineau, Louis, Cleveland, Ohio. Phonograph-reproducer.....	856,038	June 4	1136	238	128	1981
Devineau, Louis, Cleveland, Ohio. Phonographic horn.....	861,206	July 23	4451	1221	129	1563
Devineau, Louis, Cleveland, Ohio. Phonograph.....	865,769	Sept. 10	1577	445	130	514
Devlin, Norman G., Perth, Ontario, Canada. Boot for horses.....	845,535	Feb. 26	5594	1185	126	3297
Devoe, Warren H., Pittsburg, Pa. Nut-lock.....	844,127	May 21	4223	875	128	1152
Devoll, George, Boston, Mass. Stocking-supporting clasp.....	841,127	Jan. 15	2709	592	126	778
Dewey, Charles A., Rockwell City, Iowa. Seed-corn rack and germinator.....	841,128	Jan. 15	2710	592	126	778
Dewing, Henry A., San Buenaventura, Cal. Indicator for type-writing machines.....	869,832	Oct. 29	4132	1141	130	2676
Dewitt, Philip, and E. J. Clarke, Scranton, Pa. Safety device for railways.....	845,727	Feb. 26	5969	1261-2	126	3390
Dewitz, Heinrich. (See Siems and Dewitz.)						
Dewson, Edward H. (See Newell and Dewson.)						
Dexter, George B., Brookline, Mass. Device for restoring nap to fabrics.....	857,038	June 18	3109	656	128	2553
Dexter, Talbot C., Pearl River, N. Y. Paper-feeding machine.....	850,821	Apr. 16	4236	889-91	127	2742
Dexter, Talbot C., Pearl River, N. Y. Paper-cutting machine.....	871,572	Nov. 19	3006	749	131	857
Dexter, Talbot C., Pearl River, N. Y. Paper-cutting machine.....	871,573	Nov. 19	3008	749-50	131	858
Dexter, Thomas F., Providence, R. I. Automatic relief-valve for steam-heating systems.....	840,304	Jan. 1	1031	226	126	276
Dexter, Thomas F., Providence, R. I. Steam-heating system.....	842,180	Jan. 29	4816	1028	126	1375
Dexter, Thomas F., Providence, R. I. Combined steam and water trap for steam-heating systems.....	844,105	Feb. 12	2471	530	126	2443
Dexter, Thomas F., Providence, R. I. Automatic relief device for steam-radiators.....	869,884	Nov. 5	181	5	131	8
Dey, Alexander. (See Dey, John and A.)						
Dey, Clark P., Keystone, Wash. Combined railway tie and clamp.....	869,070	Oct. 22	2934	808	130	2284
Dey, Gilbert S., assignor, by mesne assignments, to U. S. Standard Voting Machine Co., Rochester, N. Y. Voting-machine.....	853,867	May 14	3029	621-3	128	807
Dey, John, Syracuse, N. Y., and A. Dey, Glasgow, Scotland, assignors to Dey Time Register Company, Syracuse, N. Y. Ribbon mechanism for time-recorders, &c.....	848,294	Mar. 26	5179	1129	127	1395
Dey, John and A., assignors to Dey Time Register Company, Syracuse, N. Y. Automatic card-stop for time-recorders.....	850,526	Apr. 16	3674	769	127	2600
Dey Time Register Company. (See Dey, John and A., assignors.)						
Dey, Valentine J. (See Sulzer, Garanger, and Dey.)						
Deyo, Daniel J., Vineland, N. J. Automobile-shield.....	851,502	Apr. 23	5589	1170	127	3117
Di Lorenzo, John. (See Fadda and Di Lorenzo.)						
Di Tullio, Tommaso, assignor to O. Pace, trustee, Quincy, Mass. Boiler compound.....	853,535	May 14	2345		128	635
Dial, Elliott, Vivian, La. Fence-making machine.....	849,057	Apr. 2	891	182-3	127	1815
Dial, Robert E., assignor of one-half to D. C. Strean, Fontanet, Ind. Automatic railway-signal.....	856,849	June 11	2745	570-1	128	2422
Diall, Gideon H., Terre Haute, Ind. Gas-distribution system.....	845,338	Feb. 26	5208	1105	126	3202
Diamant, Julius, Győr, Austria-Hungary. Building up of spongy lead plates for electric storage batteries.....	859,753	July 9	2212	601	129	770
Diamant, John C., Cedarville, N. J. Receptacle for small articles.....	860,537	July 16	3131	857	129	1099
Diamant, John C., Cedarville, N. J. Display-receptacle for small articles.....	860,535	July 16	3397	933	129	1187

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Diamond Bleacher Seat Company. (See Barrett, Harold G., assignor.)						
Diamond Match Company. (See Barnes, George A., assignor.)						
Diamond Match Company. (See Wright, Jacob P., assignor.)						
Diamond Shading Film Company. (See Guest, Samuel W., assignor.)						
Dibert, Loyd C. (See Judge and Dibert.)						
Diboll, Collins C. (See McMichael, Samuel, assignor.)						
Diboll, William A. (See Fairchild, Oscar H., assignor.)						
Dibsdale, Samuel F., Philadelphia, Pa., assignor to Lagonda Manufacturing Company, Springfield, Ohio. Boiler-tube cleaner.	850,739	Apr. 16	4087	854	127	2703
Dice Puzzle Company. (See Schmalz, John B., assignor.)						
Diehmann, William, Oshkosh, Wis. Machine for making packing-strips.	855,235	May 28	5774	1202-3	128	1573
Dick, Albert B., Lake Forest, assignor to A. B. Dick Company, Chicago, Ill. Stencil-duplicating apparatus.	862,452	Aug. 6	582	154-5	129	2272
Dick, Albert B., Lake Forest, assignor to A. B. Dick Company, Chicago, Ill. Stencil-printing machine.	873,847	Dec. 17	3162	673-4	131	1742
Dick, Albert B., Lake Forest, assignor to A. B. Dick Company, Chicago, Ill. Sheet-feeding apparatus.	873,848	Dec. 17	3164	674	131	1743
Dick, Albert B., assignor to A. B. Dick Company, Chicago, Ill. Stencil-printing machine.	866,718	Sept. 24	3022	853	130	1043
Dick, Arthur. (See Holtz and Dick.)						
Dick, Frank W., Rotherham, England. Indicator for overheated shaft-bearings and the like.	846,095	Mar. 5	775	161-2	127	197
Dick, Joseph C. F., Kenwood, Cal. Cigar-cutter.	845,536	Feb. 26	5595	1185	126	3298
Dick, Peter, Edinburgh, Scotland. Apparatus for molding golf and other playing balls.	863,366	Aug. 13	2025	546	129	2749
Dick, Ralph C., St. Louis, Mo. Electric guest-calling clock.	872,224	Nov. 26	4390	1043-4	131	1101
Dickason, Frank B., Shreveport, La. Stairway.	851,871	Apr. 30	6360	1326-7	127	3346
Dickens, Harry K. and M. R., Houghton, Mich. Drill attachment.	858,966	July 2	1032	271	129	353
Dickens, John, Passaic, N. J., assignor to Standard Sheet Metal Company. Portable search-light.	864,957	Sept. 3	311	83	130	99
Dickens, John, Passaic, N. J., assignor of one-half to J. Brown, Philadelphia, Pa. Electric gas-lighter.	874,357	Dec. 17	4204	885	131	1909
Dickens, Milton R. (See Dickens, Harry K. and M. R.)						
Dickenson, Charles, Portland, Oreg. Launching apparatus for boats.	866,847	Sept. 24	3214	904	130	1103
Dickerson, E. N. (See Harkin, Harry E., assignor.)						
Dickerson, E. N. (See Misko, Joseph, assignor.)						
Dickerson, George B., Westfield, assignor to New Jersey Car Spring & Rubber Co., Jersey City, N. J. Matting.	863,054	Aug. 13	1526	414	129	3590
Dickerson, William M., Indianapolis, Ind. Setting boiler-tubes.	850,299	Apr. 16	3227	673	127	2484
Dickert, Dilpert S., Salt Lake City, Utah. Telephone-relay.	847,656	Mar. 19	3897	851	127	1045
Dickey, Joseph W., St. Louis, Mo. Dental swage.	840,921	Jan. 8	2272	499	126	621
Dickey, Lester O. (See Stotts and Dickey.)						
Dickey, Walter S. (See Sherman, Harry E. and L. A., assignors.)						
Dickins, Arthur W. M., Bromley, England. Combined measuring-glass and pestle and mortar.	870,987	Nov. 5	330	92	131	110
Dickinson, Arthur S., Atlanta, Ga. Cuff-holder.	853,280	May 14	1745	362	128	474
Dickinson, Charles F. (See Earnheart, William P., assignor.)						
Dickinson, Don H., Parker, Oreg. Jointer for stubble-plows.	840,922	Jan. 8	2273	500	126	621
Dickinson, Edgar D., Schenectady, N. Y., assignor to General Electric Company. Governing mechanism for turbines.	845,339	Feb. 26	5210	1105-6	126	3202
Dickinson, Frank T., Chicago, Ill., assignor to American Brake Shoe & Foundry Company, Jersey City, N. J. Mold.	850,629	Apr. 16	3880	811	127	2652
Dickinson, Henry, Flushing, N. Y. Garment-fastener.	870,549	Nov. 12	1061	289	131	373
Dickinson, J. E., trustees. (See Converse, Newton B., assignor.)						
Dickinson, John O., Nashville, Tenn. Cotton-harvester.	844,502	Feb. 19	3297	711	126	2690
Dickinson, John W., Jr., Little Rock, Ark. Ball-bearing.	859,374	July 9	1651	439	129	588
Dickinson, Joseph H. (See Miller and Dickinson.)						
Dickinson, Lester W., assignor of one-third to A. M. Wells, Schuyler, Nebr. Cabinet.	845,728	Feb. 26	5974	1262	126	3391
Dickinson, Samuel L. (See Stevenson and Dickinson.)						
Dickinson, William M., Jr., Brooklyn, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Alternating-current-motor-controlling apparatus.	850,630	Apr. 16	3883	811-12	127	2653
Dicks, Thomas A., assignor of one-half to W. H. Mack, Wilkinsburg, Pa. Tool-chuck.	852,320	Apr. 30	7244	1521	127	3567
Dicks, William, Albion, N. Y. Mixer.	843,136	Feb. 5	605	129	126	1949
Dickson, George, and M. McKinnon, Sacramento, Cal. Rifle dredge-pipe.	875,414	Dec. 31	6345	1322	131	2309
Dickson, John F., Binghamton, N. Y. Paint and varnish remover.	853,685	May 14	2659	128	127	718
Dickson, John F., Binghamton, N. Y. Paint and varnish remover.	871,790	Nov. 26	3425	131	127	956
Dickson, Richard A., Kansas City, Mo. Lawn-mower.	852,321	Apr. 30	7245	1521	127	3567
Dickson, William W. (See Parker and Dickson.)						
Didier, Jules L., St. Cloud, France. Oil-retaining device for explosion-motors.	844,853	Feb. 19	4257	907	126	2923
Didier, Louis, Sandusky, Ohio. Mail-bag catcher.	894,620	Aug. 27	3952	1097	129	2406
Didrich, John H., assignor of eleven twenty-fourths to J. Schmitt and G. Orr, Celina, Ohio. Hitching-post.	842,449	Jan. 29	5411	1149	126	1533
Diebel, William, Philadelphia, Pa. Sparking plug for explosive-engines.	866,631	Sept. 24	2878	813	130	994
Dieckmann, Carl F., New York, N. Y., assignor, by mesne assignments, to Kryptok Company. Making bifocal lenses.	865,363	Sept. 10	940	270	130	341
Dieckmann, John Hoboken, N. J. Closing cans.	868,916	Oct. 22	2696	745	130	2208
Dieckmann, Wilhelm, Edmonton, and F. C. Ormrod, Walthamstow; said Ormrod assignor to J. A. Curle, Woodford, and S. F. Stackard, Middlesex, England. Burner for liquid fuel.	859,926	July 16	2480	674	129	886
Dieckmann & Wille vorm. Ferd. Wester. (See Halbekann, Franz J., assignor.)						
Diecks, Henry, Eastport, Me. Thermopile.	842,391	Jan. 29	5270	1118-19	126	1494
Diederich, Frank J. (See Goergen and Diederich.)						
Diefenbach, Louis, Union Hill, N. J. Jacquard card-wire.	872,910	Dec. 3	1246	265	131	1362
Diefendorf, Abram, et al. (See Seiler, Philipp, assignor.)						
Diefendorf, Orvis G., Watertown, N. Y. Brickmaking-machine.	852,934	May 7	1159	238-9	128	205
Diehl, Charles A., and W. Koehler, Cleveland, Ohio. Treating ores.	842,139	Jan. 22	4711	126	130	1315
Diehl, Charles, New York, N. Y. Apparatus for laying out and marking round-top awnings.	873,352	Dec. 10	2172	454	131	1542
Diehl, Charles J., and H. W. C. Eickhoff, Tippecanoe City, Ohio. Policeman's club.	849,216	Apr. 2	1211	246	127	1898
Diehl, Frederick, and A. F. Becker, Elizabeth, N. J. Electric fan.	867,914	Oct. 8	1062	301	130	1657
Diehl, George, Baxter, Iowa. Band-wheel regulator.	863,055	Aug. 13	1527	414	129	2589
Diehl, Isadore S. (See Lukens and Diehl.)						
Diehl, Jacob, assignor to Standard Sewing Machine Company, Cleveland, Ohio. Take-up for sewing-machines.	851,734	Apr. 30	6077	1270	127	3272
Diehl, Jacob, assignor to Standard Sewing Machine Company, Cleveland, Ohio. Rotary take-up for sewing-machines.	856,572	June 11	2243	460-1	128	2295
Diehl, Jacob Sheboygan, Wis. Sash-lock.	865,573	Sept. 10	1282	363	130	419

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Diehl, John J., assignor of two-thirds to H. N. McClain and W. Hollowell, Chicago, Ill. Flat-opening leaf for books.....	855,049	May 28	5397	1121	128	1477
Diehl Manufacturing Company. (See Marx, Gustave C., assignor.)						
Diehl, Philip, Elizabeth, N. J., assignor to Singer Manufacturing Company. Belt transmission in sewing-machines.....	862,240	Aug. 6	214	59	129	2150
Dielmann, Wilhelm. (See Möllenbruck and Dielmann.)						
Diemmer, Maximilian, J., Augusta, Ga. Hanger for incandescent lamps.....	853,444	May 14	2159	449	128	587
Dieren, Della. (See Fessler and Michaels, assignors.)						
Dierdorff, Joseph, and W. W. Willson, Columbus, Ohio, assignors, by mesne assignments, to Jeffrey Manufacturing Company. Conveyor-chain.....	875,247	Dec. 31	6009	1254	131	2256
Dierdorff, Joseph, and W. W. Willson, Columbus, Ohio, assignors, by mesne assignments, to Jeffrey Manufacturing Company. Conveyor-chain.....	875,248	Dec. 31	6011	1254	131	2257
Dierickx, Joseph, Uccle, Belgium. Sliding-door fastener.....	848,451	Mar. 26	5491	1196	127	1472
Dierig, Herman H., Dayton, Ky., assignor to J. G. Matthews, Three Rivers, Mich. Manufacturing metal-working tools.....	848,161	Mar. 26	4909	1072	127	1327
Diescher, August P., Pittsburg, Pa. Rolling rails.....	872,056	Nov. 26	4043	969	131	1045
Diescher, Samuel E., assignor, by mesne assignments, to Pittsburg Patents Company, Pittsburg, Pa. Swaging billets.....	844,334	Feb. 19	2965	633	126	2607
Diesel, Rudolf, Munich, Germany. Longitudinally-displaceable car-body for motor-vehicles.....	873,926	Dec. 17	3296	705	131	1767
Dieselhorst, William, Old Charlton, and A. W. Martin, London, England. Telegraph and telephone cable core.....	863,969	Aug. 20	2915	803	129	3056
Diessel, William. (See Carpenter, Mason P., assignor.)						
Dieter, Albert E., and G. H. Sander, Dayton, Ohio. Tobacco-pipe.....	871,488	Nov. 19	2834	713	131	829
Dieter, Louis F., Buffalo, N. Y. Elastic gearing.....	844,261	Feb. 12	2793	597-8	126	2526
Dieter, William, New York, N. Y. Internal-combustion engine.....	842,182	Jan. 29	4818	1028-9	126	1375
Dieterich, Albert E., Washington, D. C., assignor to W. B. Shafer, Nazareth, Pa. Water-purifying apparatus.....	844,262	Feb. 12	2804	598	126	2528
Dieterich, Fred G. (See Wilkinson and Dieterich.)						
Dieterich, Karl G., New York, N. Y. Locking safety-pin.....	873,927	Dec. 17	3297	705	131	1767
Dieteria, Edward. (See Wehman, Henry A., assignor.)						
Dieterle, John M., St. Louis, Mo. Purifying air.....	840,756	Jan. 8	1945	427-8	126	540
Diétrich, C. Joseph. (See Cook and Dietrich.)						
Dietrich, Charles W., Chicago, Ill. Compressor.....	855,050	May 28	5398	1121	128	1477
Dietrich, Emil, Burgstädt, near Chemnitz, Germany. Split pulley.....	854,934	May 28	5164	1076	128	1418
Dietrich, Jerome C., et al. (See Macgregor, John T., assignor.)						
Dietrich, John G., Tremont, Ill. Wire-stretcher.....	844,263	Feb. 12	2806	598	126	2529
Dietrichs, Charles, Little Ferry, N. J. Apparatus for constructing walls of concrete.....	840,998	Jan. 8	2415	528	126	657
Dietrichs, Charles, Little Ferry, N. J. Apparatus for constructing walls of concrete.....	871,327	Nov. 19	2479	640	131	776
Dietrichs, Charles, Little Ferry, N. J. Device for molding concrete and other plastic materials.....	871,390	Nov. 19	2620	670	131	797
Dietrick, Matthias S., Six Mile Run, Pa. Show-case.....	852,875	May 7	1034	214	128	263
Dietz Company, R. E. (See Betts, Charles L., assignor.)						
Dietz, George W., Philadelphia, Pa. Envelop-making machine.....	845,537	Feb. 26	5597	1185-6	126	3298
Dietz, Gustav, Yonkers, N. Y. Photographic shutter.....	844,854	Feb. 19	4257	908	126	2923
Dietz, Gustav, Yonkers, N. Y. Photographic shutter.....	846,984	Mar. 12	2542	560	127	677
Dietz, Herman F., Liverpool, assignor of one-half to E. J. Otis, Utica, N. Y. Key-holder.....	867,255	Oct. 1	36	11	130	1327
Dietz, Herman F., Liverpool, assignor of one-half to A. Will, Syracuse, N. Y. Emergency-brake for automobiles.....	870,228	Nov. 5	560	150	131	183
Dietz, John M., C. W. Andersen, and J. W. Farrell, Salt Lake City, Utah. Attachment for hot-air registers.....	851,198	Apr. 23	4978	1046	127	2966
Dietz, Joseph A., Kersey, Pa. Insect-trap.....	862,617	Aug. 6	870	232	129	2355
Dietzen Co., Eugene. (See Eichmüller, Johann, assignor.)						
Diez, George F., New York, N. Y. Producing steel dies.....	857,926	June 25	4838	128	3019	
Diezemann, Gustav, West Hoboken, N. J. Suspension device for vehicles.....	840,049	Jan. 1	511	111	126	136
Digby, Lionel W. J. (See Fletcher, Frederick W., assignor.)						
Dight, William M., Pittsburg, Pa. Washing-machine.....	842,305	Jan. 29	5070	1081	126	1437
Dight, William M., Jackson Center, Pa. Horseshoe and means for attaching the same.....	845,699	Feb. 26	5915	1249	126	3377
Digney, Nellie L., Bridgeport, Conn. Abdominal support. (Reissue.).....	12,678	July 30	5911	1636	129	2049
Dike, Norris R. (See Coster and Dike.)						
Dilatash, Charles N., Hagerman, Idaho. Cartridge.....	864,621	Aug. 27	3953	1097	129	3407
Dilig, Philipp H. (See Freberg, Ernst, assignor.)						
Dilks, Isaac C., and J. Park, Jr., Cavite, Philippine Islands. Bottle-closure.....	860,737	July 23	3730	1022	129	1328
Dill, Frederick W., and J. R. Hill, Lincoln, Kans. Cross-line buckle.....	858,161	Oct. 15	1470	413	130	1804
Dill, Frederick W., and J. R. Hill, Lincoln, Kans. Device for overcoming dead-centers.....	862,775	May 7	799	160	128	207
Dill, Harry E., administrator. (See Grimes, Charles D.)						
Dillen, Michael C., Sandwich, Ill. Mail-pouch deposit and collection apparatus.....	873,735	Dec. 17	2925	621	131	1706
Dillman, Edward L. (See Jones, Griff L., assignor.)						
Dillman, Edward N., St. Louis, Mo. Car-ventilator.....	858,268	June 25	5531	1182	128	3196
Dillman, Marie M. O., and M. L. Auger, Spokane, Wash. Work-holder.....	866,195	Sept. 17	2241	625	130	761
Dillon, Frederick N., Fitchburg, Mass. Shaking mechanism for grates.....	856,397	June 11	1911	393	128	2213
Dillon, John, Milwaukee, Wis., assignor, by mesne assignments, to Otis Elevator Company, Jersey City, N. J. Compound brake.....	857,549	June 18	4088	868	128	2801
Dillon, John, Milwaukee, Wis., assignor to Otis Elevator Company, Jersey City, N. J. Compound brake.....	857,550	June 18	4091	868	128	2802
Dillon, John, Milwaukee, Wis., assignor to Otis Elevator Company, Jersey City, N. J. Compound brake.....	857,551	June 18	4094	868	128	2802
Dillon, Milton M., Milan, Mich. Stove and furnace.....	863,269	Aug. 13	1883	508	129	2701
Dillon, Washington M., Sterling, Ill. Wire fence.....	856,039	June 4	1137	239	128	1981
Dillon, Washington M., Sterling, Ill. Wire-fence tie.....	856,339	June 11	1760	366	128	2173
Dills, Stokley D., Decatur, Ill. Catapult.....	844,665	Feb. 19	3879	821	126	2825
Dilworth, Elizabeth, Baltimore, Md. Waist supporter and former.....	872,911	Dec. 3	1247	266	131	1363
Dilworth, Frederick S., Welland, Ontario, Canada. Toilet-powder sifter.....	848,015	Mar. 26	4677	1019	127	1268
Dilworth, Porter & Company. (See Morrison, Andrew, assignor.)						
Dimock, Julian A., Denning, N. Y. Camera-focusing device.....	864,773	Sept. 3	12	4	130	6
Dimond, John E., Philadelphia, Pa. Umbrella.....	858,967	July 2	1033	272	129	353
Dimsey, Nelson W., Portage, Wis., assignor of one-half to L. C. Hammer, Detroit, Mich. Heating-furnace.....	862,142	Aug. 6	34	10	129	2092
Dingman, Frank, Berwyn, Md. Bottle-closure.....	853,775	May 14	2841	584	128	765
Dings, Alvin. (See Dings, Myron and A.)						
Dings, Myron and A., Milwaukee, Wis. Ore roasting and treating apparatus.....	849,465	Apr. 9	1684	339	127	2054
Dinny, Ferral C. (See Calkins, Almon B., assignor.)						
Dinny, Ferral C., New York, N. Y. Apparatus for applying composition to splints.....	852,379	Apr. 30	7373	1548	127	3598
Dinkel, Edward S., Bridgewater, Va. Window-shade roller.....	848,539	Mar. 26	5636	1234	127	1506
Dinkelspiel, Joe L. (See Steinhardt, Jacob M., assignor.)						
Dinkey, Alva C., Pittsburg, Pa. Insulated metal cross-tie.....	868,651	Oct. 22	2280	631	130	2081

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Dinneen, M. Hale. (See Hysan, Joseph M., assignor.)						
Dinsmore, Frank A., Fredonia, N. Y. Washing-machine.	860,857	July 23	3905	1071	129	1385
Dinsmore, John J. (See Vickery and Dinsmore.)						
Dinsmore, Robert A., New Athens, Ohio. Road scraper and leveler.	861,576	July 30	5064	1389	129	1792
Dinsmore, Robert A., New Athens, Ohio. Rail-joint.	863,788	Aug. 20	2645	732	119	2973
Dinsmore, Walter F., Quincy, Mass. Wrench.	862,721	Aug. 6	1027	275	129	2399
Dintaman, Joseph, Ithaca, Mich. Drinking-trough.	849,728	Apr. 9	2176	448	127	2176
Dion, Joseph, and J. D. Belanger, Chicago, Ill. Oil-cake trimmer.	855,836	June 4	764	157-8	128	1887
Dion, Léon, assignor to Americus Electro-Hermetic Company, New York, N. Y. Apparatus for recovering metals from ores and other substances.	840,480	Jan. 8	1403	310-11	126	405
Dion, Léon, assignor to Americus Electro-Hermetic Company, Wilkes-Barre, Pa. Electric furnace.	840,481	Jan. 8	1409	311	126	406
Dion, Léon, assignor to Dion Submarine Light Company, Wilkes-Barre, Pa. Subaqueous light system.	867,256	Oct. 1	38	12	130	1327
Dion Submarine Light Company. (See Dion, Léon, assignor.)						
Dionne, Napoleon, Bradford, assignor to A. Le Clair, Haverhill, Mass. Broom-binder.	865,085	Sept. 3	506	139	130	153
Dippel, Henry C., assignor to Busch-Freund Brewers Supply Co., St. Louis, Mo. Making pitch for coating the interiors of beer and ale packages.	847,282	Mar. 12	3110	686	127	815
Dipple, Charles, Jr., Brooklyn, N. Y. Door-hanger.	863,595	Aug. 20	2364	646	129	2882
Dirand, Louis J., Torrington, Conn. Dust-protector for pool and billiard tables.	847,246	Mar. 12	3045	671	127	798
Direct-Line General Telephone Company. (See Andriano, Albert K., assignor.)						
Dirksen, Frank T., Springfield, Ill. Egg-turner for incubators.	868,162	Oct. 15	1471	414	130	1806
Dirzuweit, John F., Philadelphia, Pa. Recording and reproducing sounds.	865,574	Sept. 10	1283	363	130	419
Disbrow, Lutheria, et al. (See Kaplan, Godfrey J., assignor.)						
Disbrow, Reuben B., et al. (See Kaplan, Godfrey J., assignor.)						
Disbrow, Reuben B., Owatonna, Minn. Combined faucet and strainer.	868,255	Oct. 15	1617	457	130	1850
Dischner, Friedrich J., assignor of one-half to J. H. Smith, Zurich, Switzerland. Production of photographs with any desired background.	858,162	June 25	5350	1137	128	3150
Diserens, Ralph F., Bradford, Pa. Nozzle for pneumatic carpet-cleaning apparatus.	850,909	Apr. 23	4427	926	127	2831
Dismukes, Jesse W. (See Gardner, James S., assignor.)						
Diss, Louis P., assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machine.	849,834	Apr. 9	2374	486-7	127	2229
Diss, Louis P., assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machine.	849,835	Apr. 9	2382	487	127	2231
Diss, Louis P., assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machine.	852,014	Apr. 30	6661	1387	127	3420
Dister, Joseph, Hamilton, Ohio, assignor to American Can Company, New York, N. Y. Sheet-metal slip-cover can for lard and other materials.	843,798	Feb. 12	1895	407	126	2303
Dister, Joseph, Hamilton, Ohio, assignor to American Can Company, New York, N. Y. Sheet-metal slip-cover can for lard and other articles.	843,799	Feb. 12	1897	407	126	2303
Distler, Andrew, Peoria, Ill. Calk.	869,962	Nov. 5	123	35	131	40
Ditchfield, Frank, Bellevue, assignor to Pressed Steel Car Company, Pittsburg, Pa. Door-operating mechanism.	840,757	Jan. 8	1946	428	126	540
Ditchfield, Robert, Woodstock, Ontario, Canada. Spraying apparatus.	867,806	Oct. 8	883	251	130	1604
Ditmanson, Turina, Summit, S. D. Clothes-drier.	867,646	Oct. 8	642	181-2	130	1530
Dittman, Charles D., Pittsburg, Pa. Clothes-line reel.	856,684	June 11	2455	505	128	2350
Dittman, Samuel E., New York, N. Y. Clamp for printing-plates.	873,736	Dec. 17	2927	621	131	1705
Dittman, William C. (See Dunning, Samuel W., assignor.)						
Dittmann, Gustav, Garwood, N. J. Insect-trap.	844,503	Feb. 19	3298	711	126	2690
Dittmar, Elmer C., Williamsport, Pa. Wood-ornamenting machine.	841,672	Jan. 22	3759	817	126	1078
Dittmar, Frederick. (See Barber, George T., assignor.)						
Dittmar, Frederick, Philadelphia, Pa. Stethoscope.	860,906	July 23	3992	1094	129	1413
Dittmar, Gustav, Offenbach-on-the-Main, Germany. Dust-separator for cleaning apparatus.	842,529	Jan. 29	5577	1179	126	1572
Dittmar, William W., Williamsport, Pa. Interlocked casing.	859,050	Feb. 2	1146	306	129	389
Ditto, Charles H., Keithsburg, Ill. Decoy.	843,588	July 12	1512	321	126	2203
Ditton, George O., Lanoka, N. J., assignor of one-half to E. A. Rumsey, Philadelphia, Pa. Life-boat.	845,620	Feb. 26	5740	1215	126	3333
Dittrich, Joseph, et al. (See Themke, Louis E. L., assignor.)						
Dive, Gustave. (See Rosemeyer and Dive.)						
Divens, John R. (See Adams and Divens.)						
Divine, William P., and A. J. Shinn, Philadelphia, Pa., assignors to Decker Electrical Manufacturing Company. Primary battery.	859,437	July 9	1735	463	129	616
Diviney, William W., Allport, Pa. Nut-lock.	849,376	Apr. 9	1518	307	127	2012
Dix, T. M. (See McClain, Andrew E., assignor.)						
Dix, William, Lakewood, N. J. Trap-nest.	874,748	Dec. 24	5002	1053	131	2070
Dixie Cotton Picker Company. (See Appleby, John F., assignor.)						
Dixie Match Company. (See Parker, William H., assignor.)						
Dixon, Amos F., assignor to Western Electric Company, Chicago, Ill. Circuit for coin-collectors.	867,955	Oct. 15	1174	324-5	130	1714
Dixon, Benjamin L., assignor of one-half to G. H. Watts, Georgetown, Ky. Apparatus for curing tobacco.	844,583	Feb. 19	3721	782	126	2786
Dixon, Charles E., Forest Grove, Oreg. Reversible disk plow.	866,632	Sept. 24	2879	813-14	130	994
Dixon, David W., et al. (See Winter, Henry B., assignor.)						
Dixon, Don, Pikeville, Ky. Door-clamp.	863,789	Aug. 20	2646	732	129	2973
Dixon, Edward T., Southampton, England. Bottle-washing machinery.	853,776	May 14	2842	585	128	765
Dixon, Ella M., Sparksville, Ind. Baking-oven.	859,927	July 16	2482	674	129	886
Dixon, Ezra, Bristol, R. I. Top-roll saddle.	870,347	Nov. 5	753	202	131	248
Dixon, George L., Waterloo, Iowa. Laundry-marker.	854,339	May 21	3977	921	128	1090
Dixon, George R., Rocky Mount, N. C. Laundry-indicator.	859,210	July 9	1385	368	129	497
Dixon, George W., Chicago, Ill. Liquid-separator.	842,086	Jan. 22	4586	986	126	1282
Dixon, John H., Pittsburg, Pa. Car-fender.	847,247	Mar. 12	3047	672	127	799
Dixon, Jonas F., Carthage, Mo. Wire-working tool.	854,811	May 28	4900	1019	128	1348
Dixon, Joseph O., Hanover, Pa. Screw-threading machine.	863,515	Aug. 13	2229	603	129	2810
Dixon, Napoleon B., Dixie, Ala. Fence structure.	873,353	Dec. 10	2174	454	131	1543
Dixon, Robert M. (See Erb, Edmund M., assignor.)						
Dixon, Robert M., East Orange, N. J., assignor to Safety Car Heating & Lighting Company, New York, N. Y. Steam-trap.	841,129	Jan. 15	2712	593	126	778
Dixon, Robert M., East Orange, N. J., assignor to Safety Car Heating & Lighting Company. Incandescent gas-lamp.	845,166	Feb. 26	4858	1030	126	3115
Dixon, Robert M., East Orange, N. J., assignor to Safety Car Heating & Lighting Company. Pressure-regulator.	854,340	May 21	3979	822	128	1091
Dixon, Robert M., East Orange, N. J., assignor to Safety Car Heating & Lighting Company. Steam-trap.	860,858	July 23	3906	1071	129	1385
Dixon, William. (See Gaudron, Edward N., assignor.)						
Dixon, William, Newark, N. J. Polishing-brush.	863,790	Aug. 20	2647	732	129	2973

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Dixon, Clarence U., and C. L. Howard, Columbus, Ohio. Window-shade support.....	851,924	Apr. 30	6470	1349	127	3374
Dizer, Walter M., Brookline, Mass. Door check and closer.....	866,719	Sept. 24	3023	853	130	1043
Doak, David H., Morgan Park, assignor of two-thirds to C. Oldenburg, Chicago, and W. H. Conrad, Blue Island, Ill. Trolley-wire crossover.....	864,888	Sept. 3	198	55	130	62
Doak, Egbert O., assignor to W. T. Jones, Cedar Rapids, Iowa. Five-horse equalizer.....	856,193	June 4	1430	302	128	2053
Doak, Egbert O., assignor to W. T. Jones, Cedar Rapids, Iowa. Draft-equalizer.....	868,601	Oct. 15	2194	611	130	2030
Doan & Company, George B. (See Doan and Hanson, assignors.)						
Doan, George B., and H. Hanson, assignors to G. B. Doan & Company, Chicago, Ill. Game-board.....	873,031	Dec. 10	1530	320	131	1437
Doan, J. Irwin. (See Pease, Henry W., assignor.)						
Doan, Mary E., Newtown, Pa. Heating device.....	858,583	July 2	369	94	129	131
Doarn, James, <i>et al.</i> (See Van Dyke, Thomas H., assignor.)						
Dobbie, James M., Sr., and J. M., San Francisco, Cal. Traveling frame for side-shell riveters.....	869,427	Oct. 29	3495	959	130	2484
Dobbie, John M. (See Dobbie, James M., Sr., and J. M.)						
Dobbins, Monroe F., Baltimore, Md. Face-cover.....	860,645	July 23	3597	986	129	1286
Dobbins, Walter E., <i>et al.</i> (See Hudson, Parks, and Coursey, assignors.)						
Dobbs, Edwin E., Minneapolis, Minn. Dress-chart.....	851,279	Apr. 23	5155	1083	127	3011
Dobbs, La Fayette G., Watertown, S. D. Whipping device.....	852,498	May 7	236	42	128	67
Dobe, Frederick W., assignor to Foyer Manufacturing Company, Chicago, Ill. Go-cart.....	856,850	June 11	2749	571	128	2423
Doble, William A., San Francisco, Cal. Bucket for impact-wheels.....	875,161	Dec. 31	5841	1219	131	2228
Doble, William H., Quincy, Mass., assignor to Pneumatic Scale Corporation Limited. Carton-marking attachment for carton-setting-up machines or the like.....	867,956	Oct. 15	1177	325-6	130	1715
Dobler, Philipp, Munich, Germany, assignor to F. R. Tiller, Hamburg, and H. Duelfer, Cassel, Germany. Manufacture of pulverized mica.....	845,450	Feb. 26	5429	1152	126	3255
Dobos, John, New York, N. Y. Car-fender and track-cleaner.....	860,358	July 16	3132	858	129	1099
Dobson, Shadrach M., Portland, Me. Lawn-mower.....	851,075	Apr. 23	4722	993-4	127	2904
Dock Gas Engine Company. (See Dock, Herman, assignor.)						
Dock, Herman, Wyncote, Pa., assignor to Dock Gas Engine Company. Connecting-rod for trunk-pistons.....	843,004	Feb. 5	327	71	126	1872
Dock, Herman, Wyncote, Pa., assignor to Dock Gas Engine Company. Vaporizer.....	866,115	Sept. 17	2134	593	130	728
Dock, Herman, Wyncote, Pa., assignor to Dock Gas Engine Company, New York, N. Y. Internal-combustion engine.....	868,765	Oct. 22	2462	681	130	2137
Dockery, James J., St. Louis, Mo. Smoke-burning fire-box for stoves, furnaces, and boilers.....	841,673	Jan. 22	3762	817	126	1079
Docter, Albert M., Chicago, Ill. Legging.....	867,485	Oct. 1	383	111	130	1433
Dod, William, Newbury, England. Hat-box.....	870,550	Nov. 12	1062	290	131	373
Dodd, Hayne M., Moultrie, Ga. Hand-lever.....	856,451	June 11	2012	414	128	2239
Dodd, Samuel T., Schenectady, N. Y., assignor to General Electric Company. Electric locomotive.....	867,486	Oct. 1	385	111	130	1433
Doddridge, William B. (See Bossert, Albert T., assignor.)						
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. End construction for cars.....	840,829	Jan. 8	2072	459	126	571
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Making metallic sills for cars.....	840,830	Jan. 8	2073	460	126	571
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Metallic gondola car.....	842,870	Feb. 5	56	13	126	1804
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Gondola car.....	842,871	Feb. 5	57	13-14	126	1804
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Sill and bolster construction for railway-cars.....	842,872	Feb. 5	59	14	126	1805
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Metallic under-frame for cars.....	842,873	Feb. 5	61	15	126	1806
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Car construction.....	845,933	Mar. 5	428	87-8	127	110
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Transverse underframe structure for cars.....	845,934	Mar. 5	430	88-9	127	111
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Door-operating mechanism for gondola cars.....	852,936	May 7	1165	240	128	296
Dodds, Ethan I., Pullman, Ill. Electromagnetic means for transporting non-magnetic materials.....	854,153	May 21	3634	751-2	128	996
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Door-operating mechanism for gondola cars.....	855,837	June 4	767	158-9	128	1888
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Car construction.....	855,838	June 4	771	159-60	128	1889
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Combination metal and wood car.....	855,839	June 4	774	160-1	128	1890
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Railway dumping-car.....	855,840	June 4	776	161-3	128	1891
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Brake-beam fulcrum and manufacture.....	860,966	July 23	4094	1121-2	129	1447
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Dumping-car.....	861,207	July 23	4453	1221-2	129	1564
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Car-body.....	861,208	July 23	4454	1222	129	1564
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Metal ore-car.....	874,576	Dec. 24	4661	979-80	131	2012
Dodds, Ethan I., Pullman, assignor to Pullman Company, Chicago, Ill. Metallic ore-car.....	874,577	Dec. 24	4662	980	131	2013
Dodds, Ethan I., Avalon, Pa., assignor to Pullman Company, Chicago, Ill. Steel side stake for cars.....	842,868	Feb. 5	53	12	126	1803
Dodds, Ethan I., Avalon, Pa., assignor to Pullman Company, Chicago, Ill. Car construction.....	842,869	Feb. 5	55	13	126	1803
Dodds, Ethan I., Avalon, Pa., assignor to Pullman Company, Chicago, Ill. Metallic-car construction.....	852,935	May 7	1164	239	128	296
Dodds, Ethan I., assignor to Pullman Company, Chicago, Ill. Door-operating mechanism for dumping-cars.....	874,578	Dec. 24	4664	980-1	131	2013
Dodge, Arthur P., New York, N. Y. Supply system for locomotives.....	845,766	Mar. 5	66	14	127	20
Dodge, Austin R., Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine.....	860,967	July 23	4096	1122	129	1448
Dodge Coal Storage Company. (See Fry, Charles A., assignor.)						
Dodge Coal Storage Company. (See Piez, Charles, assignor.)						
Dodge Coal Storage Company. (See Titcomb, George E., assignor.)						
Dodge, F. W. (See Creque, Frank J., assignor.)						
Dodge, Herbert E. (See Dodge, James O. and H. E.) (Reissue.)						
Dodge, Irving B. (See Warren and Dodge.)						
Dodge, Isaac A., Fayetteville, N. Y. Sulky potato-digger.....	844,106	Feb. 12	2472	530	126	2443
Dodge, James B., Jacksonville, Fla. Cork-extractor.....	854,812	May 28	4902	1019	128	1349
Dodge, James O. and H. E., Los Angeles, Cal. Pen holding and releasing device. (Re-issue.)	12,730	Dec. 3	1457	303	131	1393
Dodge, John, Milwaukee, Wis. Feed-water heater.....	841,674	Jan. 22	3764	817	126	1079

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Dodge Needle Company. (See Currier, Arthur, assignor.)						
Dodge, Owen, and S. G. Camp, Colorado Springs, Colo. Adjustable chandelier	874,836	Dec. 24	5153	1086	131	2098
Dodge, Ozias, Norwich, Conn. Film	874,885	Dec. 24	5248		131	2112
Dodge, Robert W., Kansas City, Mo. Formaldehyde-generator	844,855	Feb. 19	4259	908	126	2923
Dodge, Philip T., Brooklyn, N. Y. Type-writing machine	844,666	Feb. 19	3880	821	126	2826
Dodge, Philip T., Washington, D. C., assignor to Mergenthaler Linotype Company. Producing logotypes	852,224	Apr. 30	7082	1480	127	3529
Dodge, Philip T., Washington, D. C., assignor to Mergenthaler Linotype Company. Linotype-machine	859,170	July 2	1321	351	129	445
Dodge, Philip T., Washington, D. C., assignor to Mergenthaler Linotype Company. Linotype-machine	859,647	July 9	2060	556-7	129	720
Dodge, Philip T., Washington, D. C., assignor to Mergenthaler Linotype Company. Linotype-machine	865,086	Sept. 3	507	139-40	130	154
Dodge, Philip T., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine	870,019	Nov. 5	231	62	131	81
Dodge, William H., Montclair, N. J. Cover or cap for jars, cans, bottles, &c.	856,230	June 11	1512	318	128	2109
Dodgen, J. W. (See Murray, Horace M., assignor.)						
Dodgson, Frank L., and W. K. Howe, assignors to General Railway Signal Company, Buffalo, N. Y. Railway signaling apparatus	872,613	Dec. 3	614	130	131	1263
Dodson, Benjamin W., Geneva, Ill. Stove	851,280	Apr. 23	5156	1083-4	127	3011
Dodson, Harry E., assignor to P. P. Mast and Company, Springfield, Ohio. Disk-bearing	866,007	Sept. 17	1961	547-8	130	674
Dodson, Joseph H., Chicago, Ill. Syringe	844,335	Feb. 19	2968	634	126	2608
Dodson, Roy, St. Louis, Mo. Amusement apparatus	842,635	Jan. 29	5804	1225-6	126	1628
Dodsworth, John S., Leavenworth, Kans. Receipt-holding case	841,943	Jan. 22	4316	930	126	1218
Doehle, John F., Plainfield, N. J. Conveyor	846,402	Mar. 5	1358	299	127	343
Doehler, Conrad, Sr., deceased, St. Bernard, Ohio; M. Doehler, administratrix. Window-shade bracket	849,377	Apr. 9	1519	307	127	2012
Doehler, Herman H., New York, N. Y. Casting apparatus	856,772	June 11	2616	539	128	2391
Doehler, Margaret, administratrix. (See Doehler, Conrad, Sr.)	856,773	June 11	2622	539	128	2393
Doelp, John L., Cincinnati, Ohio. Nut-lock	867,351	Oct. 1	190	55	130	1370
Doenges, George. (See Brown, John G., assignor.)						
Doepker, Frank. (See Doepker, Joseph and F.)						
Doepker, Joseph and F., Ottawa, Ohio. Clutch mechanism	846,733	Mar. 12	2034	447	127	545
Doerflinger, William F., and L. H. Buck, Niagara Falls, assignors, by mesne assignments, to M. Stine, New York, N. Y., and E. F. C. Young, Jersey City, N. J. Treating wurtzite or elaterite and producing fusible soluble products	864,836	Sept. 3	115		130	37
Doerr, Lawrence, Mancelona, Mich. Stovepipe-collar	844,782	Feb. 19	4122	878	126	2889
Doersch, Philip, Nyack, N. Y. Bottle-closure	869,963	Nov. 5	125	35	131	41
Dogett, Arthur M., et al. (See Dumais, Jean B., assignor.)						
Dogett, William L., et al. (See Dumais, Jean B., assignor.)						
Dohan, Joseph M., Darlington, Pa. Manufacture of pulp and paper	865,168	Sept. 3	611	172-3	130	186
Doherty, Daniel F., and H. A. Palmer, assignors to New England Whip Company, Westfield, Mass. Ratan-straightening machine	852,826	May 7	924	189-90	128	236
Doherty, George V., Boston, Mass. Police patrol-box	850,910	Apr. 23	4428	926	127	2831
Doherty, George V., Boston, Mass. Non-refillable bottle	851,925	Apr. 30	6472	1349	127	3375
Doherty, Henry L., Madison, Wis. Revivifying gas-purifying materials	843,524	Feb. 5	1378	290	126	2137
Doherty, Henry L., Madison, Wis. Burning cement and apparatus therefor	846,555	Mar. 12	1680	372	127	457
Doherty, Henry L., Madison, Wis. Producing gas	848,729	Apr. 2	215	44	127	1642
Doherty, Henry L., Madison, Wis. Apparatus for washing and cooling gas	855,448	June 4	17	4	128	1699
Doherty, Henry L., Madison, Wis., assignor to Improved Equipment Company, Denver, Colo. Apparatus for cooling liquids	844,336	Feb. 19	2969	634	126	2608
Doherty, Henry L., Madison, Wis., assignor, by mesne assignments, to Combustion Utilities Company, New York, N. Y. Apparatus for regulating combustion in furnaces	844,504	Feb. 19	3299	712-13	126	2691
Doherty, James G., Waterbury, Conn. Cigar-perforator	842,530	Jan. 29	5577	1180	126	1572
Dohme, Louis. (See McInnerney, Benjamin, assignor.)						
Dohren, Henry R. (See Onsum and Dohren.)						
Dohrer, Henry J., assignor of two-thirds to J. W. Dohrer and D. E. Curtin, St. Joseph, Mo. Brake	846,457	Mar. 12	1491	331	127	407
Dohrer, Joseph W., et al. (See Dohrer, Henry J., assignor.)						
Dohrmann, Albert C., Rivergrove, and C. Waite, Chicago, Ill. Automatic switch	846,096	Mar. 5	777	162-3	127	198
Dohrmann, Frank C., Brooklyn, N. Y. Printer's registering device	873,303	Dec. 10	2061	430-1	131	1526
Doidge, William C., Lodi, Cal. Garden implement	841,488	Jan. 15	3419	736	126	961
Dokkenwadel, Frederick G., Coshocton, Ohio, assignor of one-half to H. M. Grant, New York, N. Y. Fertilizer	853,919	May 14	3154		128	839
Dolan, Charles P., Boston, Mass. Tuning instrument	857,334	June 18	3673	777	128	2697
Dolan, Edward J., and M. J. Tracy, Philadelphia, Pa. Acetylene-gas-burner tip	862,315	Aug. 6	347		129	2192
Dolan, John, Herington, Kans. Spark-arrester	868,331	Oct. 15	1752	494	130	1890
Doleshy, Frank F., Seattle, Wash. Hotel-register desk	849,603	Apr. 9	1963	402	127	2123
Dolge, Carl B., Westport, Conn. Disinfectant candle	860,450	July 16	3281	896	129	1148
Dollar, Edward F., Blowing Cave District, Grady county, Ga. Fish-trap	846,556	Mar. 12	1682	372	127	457
Dollfus, Lucien A., Paris, France. Furnace	841,944	Jan. 22	4317	930	126	1219
Dollinger, Charles, assignor of one-half to B. Göllner, Besztercze-Banya, Comitat Zöl-yom, Austria-Hungary. Spring-wheel	841,130	Jan. 15	2716	593	126	780
Dollinger, Charles W., New York, N. Y. Sad-iron holder	862,814	Aug. 6	1179	317	129	2444
Dolmetsch, Heinrich, Stuttgart, Germany. Internal wall-covering	859,488	July 9	1807	485	129	638
Dolson, Josiah W., New York, N. Y. Sanitary attachment for telephone-transmitters	854,472	May 21	4229	875	128	1152
Dolson, Martin O., and M. Moxley, Los Angeles, Cal. Combination curtain and shade fixture	845,935	Mar. 5	432	89	127	111
Doman, Lewis B., Elbridge, N. Y. Self-playing musical instrument	875,656	Dec. 31	6917	1441	131	2388
Doman, Lewis B., assignor to Amphion Piano Player Company, Elbridge, N. Y. Pneumatic self-playing musical instrument	856,774	June 11	2626	539	128	2394
Doman, Lewis B., assignor to W. C. Ranney, trustee, Elbridge, N. Y. Perforating-machine	866,920	Sept. 24	3319	937-8	130	1135
Dome, Charles H., Enid, Okla. Ter. Button-attaching device	867,352	Oct. 1	191	55	130	1370
Domis, Bernhard, Covington, Ky. Roller-skate	864,622	Aug. 27	3954	1097	129	3407
Domsgen, Emil, and F. L. Kujawa, Magdeburg, Germany. Portable chair	854,154	May 21	3635	752	128	997
Donahoe, Dennis, Sioux Falls, S. D. Ice-washer	864,085	Aug. 20	3078	850	129	3105
Donahoe, Hedley J., Chicago, Ill. Canteen	872,407	Dec. 3	186	37	131	1197
Donahoe, Hedley J., West Chicago, Ill. Canteen	872,408	Dec. 3	188	37	131	1197
Donahoe, Thomas F., Pittsburg, Pa. Railway-frog	869,695	Oct. 29	3932	1083	130	2617
Donahue, James A., Everett, Wash. Metallic sole for boots and shoes	874,171	Dec. 17	3829	807	131	1847
Donahue, John, Knoxville, Tenn. Coffin	860,738	July 23	3731	1023	129	1328
Donaldson, Elmer E. (See Donaldson, William and E. E.)						
Donaldson, James H., Chicago, Ill. Car-vestibule diaphragm	845,451	Feb. 26	5430	1152	126	3255

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Donaldson, Raymond B. (See Simmonds, Fernandize M., assignor.)						
Donaldson, Sidney H., Hampstead, England. Type-writing machine.....	844,264	Feb. 12	2809	599	126	2529
Donaldson, William and E. E., Moingona, Iowa. Miner's pick.....	871,058	Nov. 12	1889	517	131	641
Donaldson, William H., Joliet, Ill. Headlight-operating device.....	847,918	Mar. 19	4453	976	127	1176
Donaldson, William H., Joliet, Ill. Headlight for locomotives.....	854,876	May 28	5059	1052	128	1391
Donaldson, William R. (See Marble, George W., assignor.)						
Donaldson, William W., Jr., Kewanee, Ill. Swivel check-valve.....	849,466	Apr. 9	1687	340	127	2055
Donard, Eugène, and H. Labbé, Paris, France. Pharmaceutical coating.....	874,310	Dec. 17	4126		131	1894
Donat, Joseph L., Chicago, Ill. Trap-valve.....	873,518	Dec. 10	2476	521-2	131	1598
Donham, Charles M. (See Fullard and Donham.)						
Dönitz, Emil, assignor to Firm of C. Zeiss, Jena, Germany. Gun-sight telescope.....	856,520	June 11	2130	437	128	2267
Donley, Clarence W., Owego, N. Y. Rack.....	862,316	Aug. 6	348	96	129	2193
Donlon, Thomas H., Syracuse, N. Y. Animal-trap.....	868,917	Oct. 22	2698	745	130	2210
Donnell, Martin J. O. (See Dugan, Thomas J., assignor.)						
Donnelly, Bertram C., and C. K. McKnight, St. Joseph, Mo. Neckband-ring.....	851,076	Apr. 23	4724	994	127	2904
Donnelly, Edward P., Manchester, N. H. Fog signaling device.....	860,451	July 16	3282	896	129	1148
Donnelly, John R., Fairfield, Me. Cooking utensil.....	850,143	Apr. 16	2940	615	127	2408
Donnelly, William J., Dubois, Pa. Dumping-wagon.....	859,928	July 16	2482	674	129	887
Donnelly, William T., Brooklyn, N. Y. Floating dry-dock.....	849,378	Apr. 9	1521	307-9	127	2012
Donnenworth, Jacob R., Lacombe, Alberta, Canada. Electric alarm.....	848,016	Mar. 26	4678	1020	127	1269
Donner, Hermann, Chemnitz, Germany. Take-up device for knitting-machines.....	868,332	Oct. 15	1753	494-6	130	1890
Donner, Percy E. (See Hogle and Slick, assignors.)						
Donner, William E., Doniphan, Nebr. Band-cutter and feeder.....	868,163	Oct. 15	1472	414-15	130	1806
Donner, William H. (See Macfarren, Walter W., assignor.)						
Donning, George W., East Orange, assignor to H. T. Ambrose, Orange, N. J. Record-producing machine.....	840,117	Jan. 1	642	141-3	126	170
Donning, George W., East Orange, assignor to H. T. Ambrose, Orange, N. J. Paper-retaining device.....	840,118	Jan. 1	654	143	126	176
Donning, George W., East Orange, assignor to H. T. Ambrose, Orange, N. J. Work-guide for type-writers.....	840,119	Jan. 1	663	144	126	180
Donning, George W., East Orange, assignor to H. T. Ambrose, Orange, N. J. Electrical type-writer selecting and operating means.....	840,120	Jan. 1	665	144-5	126	180
Donning, George W., East Orange, assignor to H. T. Ambrose, Orange, N. J. Electrical type-writer.....	840,121	Jan. 1	675	146	126	183
Donning, George W., East Orange, assignor to H. T. Ambrose, Orange, N. J. Type-writer.....	840,122	Jan. 1	680	146	126	185
Donning, George W., East Orange, assignor to H. T. Ambrose, Orange, N. J. Feeding mechanism.....	840,203	Jan. 1	833	183-4	126	222
Donning, George W., East Orange, assignor to H. T. Ambrose, Orange, N. J. Type-writing machine.....	863,056	Aug. 13	1527	414	129	2590
Donnohue, Joseph D. (See Galbraith, Ulysses G., assignor.)						
Donoghue, James, Cleveland, Ohio. Soldering sheet-metal plates.....	848,978	Apr. 2	735	149	127	1775
Donohoe, Hugh, New York, N. Y. Elevator guide-shoe.....	857,725	June 25	4444	939	128	2922
Donohoe, W. R. (See Lytle, William H., assignor.)						
Donohue, John F., Pawtucket, assignor of one-half to J. Eastham, Cumberland, R. I. Picking-cam for looms.....	851,225	Apr. 23	5040	1061	127	2981
Donovan, James P., Georgetown, Ky. Mold for concrete posts.....	851,503	Apr. 23	5590	1170	127	3117
Donovan, John P., assignor to United States Whip Company, Westfield, Mass. String-tapering machine.....	846,458	Mar. 12	1493	331	127	408
Donovan, John P., assignor to United States Whip Company, Westfield, Mass. Bevel-string-cutting machine.....	865,686	Sept. 10	1449	411	130	473
Donovan, Richard J., Ambridge, assignor to American Bridge Company, Pittsburg, Pa. Rake corner or knuckle for steel barges.....	853,920	May 14	3155	645	128	839
Donovan, William J., Boston, Mass. Ferry-gate.....	859,489	July 9	1807	485-6	129	639
Doody, Patrick. (See McDaniel, Albert B., assignor.)						
Doolittle, Elford F., Torrington, Conn. Poultry-roost.....	872,502	Dec. 3	386	81	131	1228
Doolittle, Irvin P., Toronto, Ontario, Canada. Cut-off valve.....	842,183	Jan. 29	4823	1029	126	1376
Doolittle, William W., assignor to Crane Company, Chicago, Ill. Machine for attaching flanges.....	843,198	Feb. 5	745	152-3	126	1984
Doolittle, William W., assignor to Crane Company, Chicago, Ill. Steam-separator.....	865,164	Oct. 15	1475	416	130	1807
Doolittle, William W., assignor to Crane Company, Chicago, Ill. Gate-valve.....	865,165	Oct. 15	1476	416	130	1807
Doolittle, William W., Evanston, assignor to Crane Company, Chicago, Ill. Steam-trap.....	847,657	Mar. 19	3898	852	127	1046
Doolittle, William W., Evanston, assignor to Crane Company, Chicago, Ill. Expansion-joint.....	853,964	May 21	3255	668	128	903
Doolittle, William W., Evanston, assignor to Crane Company, Chicago, Ill. Nipple-making machine.....	868,166	Oct. 15	1476	416-18	130	1807
Doolittle, William W., Evanston, assignor to Crane Company, Chicago, Ill. Nipple-making machine.....	868,167	Oct. 15	1480	418-20	130	1808
Doolittle, William W., Evanston, assignor to Crane Company, Chicago, Ill. Making pipe-nipples.....	868,168	Oct. 15	1484	420	130	1809
Doorenbos, John, assignor to National Gas Light Co., Kalamazoo, Mich. Gas-burner.....	840,831	Jan. 8	2073	460	126	572
Doorenbos, John, Kalamazoo, Mich., assignor to National Gas Light Company. Inverted gas-burner.....	866,267	Sept. 17	2349	653	130	796
Dopkins, George W., Morris, Minn. Overshoe-holder.....	873,928	Dec. 17	3299	705	131	1767
Doran, James A. (See Doran, James C. and J. A.)						
Doran, James C. and J. A., Providence, R. I. Button.....	873,554	Dec. 10	2176	455	131	1543
Doran, James C. and J. A., Providence, R. I. Button.....	873,555	Dec. 10	2177	455	131	1543
Doran, John, Jr., Schenectady, N. Y. Electric signaling and testing mechanism.....	859,598	July 9	1983	534-5	129	697
Doran, Julia, Omaha, Nebr. Adjustable curtain-bracket.....	874,311	Dec. 17	4127	869	131	1894
Dorataella, Augustus, Steelton, Pa. Rail-joint.....	865,770	Sept. 10	1579	445	130	514
Dorau, John P., Menomonee Falls, Wis. Washbowl.....	867,957	Oct. 15	1180	326	130	1716
Dorcas, Lewis B., and T. W. Ryan, Hendricks, W. Va. Stove.....	868,417	Oct. 15	1888	530	130	1931
Doree, James A., Cloquet, Minn. Stovepipe-elbow.....	854,935	May 28	5164	1076	128	1419
Doremus, Abraham W., Brooklyn, N. Y. Barrel-tapping device.....	868,077	Oct. 15	1363	382	130	1772
Dorgan, Michael H., Mayfield, Cal. Vehicle-washer.....	871,574	Nov. 19	3011	750	131	858
Dorgan, William T., Peoria, Ill., assignor to W. J. Wickes and A. D. Eddy, Saginaw, Mich. Tire-protector.....	871,575	Nov. 19	3012	750	131	858
Dorgeloh, George H. (See Emerson and Dorgeloh.)						
Dörken, Georg H., Gevelsberg, Germany. Bracket.....	841,131	Jan. 15	2718	593	126	780
Dorland, Leslie C., Poughkeepsie, N. Y. Automatic electric time-switch.....	843,005	Feb. 5	328	71	126	1872
Dorman, John J., Red Springs, N. C. Plow-point fastener.....	871,259	Nov. 19	2315	605	131	752
Dormandy, Garry J., assignor to United Shirt and Collar Company, Troy, N. Y. In-folding-machine.....	841,675	Jan. 22	3770	818-20	126	1081
Dorment, Frank C., Detroit, Mich. Eye massage apparatus and medicator combined.....	852,827	May 7	927	190	128	236
Dorment, Frank C., and G. C. McVoy, Detroit, Mich. Atomizer.....	852,828	May 7	929	190	128	237

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Dorment, Frank C., Detroit, Mich., assignor to E. J. Worst, Ashland, Ohio. Atomizer.	865,021	Sept. 3	410	109	130	127
Dorment, Frank C., Detroit, Mich., assignor to E. J. Worst, Ashland, Ohio. Atomizer.	865,022	Sept. 3	411	109-10	130	127
Dormoy, Emile A. (See Georges and Dormoy.)						
Dorn, Victor, Wilmersdorf, near Berlin, Germany. Ameliorating wines and spirits and sterilizing liquids	855,449	June 4	20	5	128	1700
Dorner, Eugen, Weimar, Germany. Device for binding up plants placed in rows or single.	860,452	July 16	3283	897	129	1148
Dornfeld, John F., Chicago, Ill. Dumping-floor	850,214	Apr. 16	3080	646	127	2444
Dornfeld, John F., Chicago, Ill. Valve for steep-tanks	850,215	Apr. 16	3081	646	127	2444
Dornfeld, John F., Chicago, Ill. Spraying-nozzle	850,216	Apr. 16	3083	646	127	2445
Doron, Louis E., Thayer, Kans. Nut-lock	845,621	Feb. 26	5742	1215	126	3334
Doron, Louis E., Thayer, Kans. Draft-equalizer	865,634	Sept. 10	1374	390	130	449
Dörr, Clemens. (See Wiegmann and Dörr.)						
Dorr, John V., Lead, S. D. Ore-classifier	849,379	Apr. 9	1527	309	127	2013
Dorr, John V. N., Lead, S. D. Decanting apparatus	867,958	Oct. 15	1181	326	130	1716
Dorrance, Charles J., Chicago, Ill. Furnace-grate	840,609	Jan. 8	1668	366-7	126	472
Dorris, George P., St. Louis, Mo. Means for cooling explosive-engine cylinders	842,531	Jan. 29	5578	1180	126	1573
Dorris, George P., assignor to Dorris Motor Car Company, St. Louis, Mo. Cylinder-grinding attachment for lathes	844,265	Feb. 12	2811	599	126	2530
Dorris, Joseph F., assignor of one-half to S. Florey, Overton, Tex. Fan attachment for chairs	854,634	May 21	4520	944	128	1223
Dorris Motor Car Company. (See Dorris, George P., assignor.)						
Dorsey, Archie L., Russell township, Putnam county, Ind. Valve-gear for engines	856,851	June 11	2751	571-2	128	2424
Dorsey, Dana A., and A. R. Mitchell, Miami, Fla. Ice-cutting machine	856,040	June 4	1138	239	128	1982
Dorsey, William S. (See Plumer and Dorsey.)						
Dorton, Frederick T., et al. (See Waterman, Frank W., assignor.)						
Dörwald, Gottfried L. M., East Putney, assignor of one-half to J. C. H. Grant, London, England. Hydraulic power-transmission apparatus	843,874	Feb. 12	2044	438	126	2339
Dorward, Edwin P., assignor of two-thirds to C. F. Carroll and J. H. Eymon, Marion, Ohio. Trousers-stretcher	859,051	July 2	1147	306	129	390
Dorward, William B., Lawrence, Kans. Cistern-mold	856,852	June 11	2754	572	128	2424
Dosbaugh, John M., Cedar Vale, Kans. Telephone-switchboard	855,391	May 28	6039	1261	128	1639
Dosch, Oliver L., Dayton, Ohio. Drill-press	855,841	June 4	780	163-4	128	1891
Dosch, Peter, Bridgeport, Conn. Miter-box	847,557	Mar. 19	3673	811	127	989
Dosch, Peter, Bridgeport, Conn. Stud	857,875	June 25	4727	1004	128	2992
Dosch, Peter, Bridgeport, Conn. Wire stud	861,577	July 30	5065	1390	129	1793
Doss, Andrew J., Switchback, W. Va. Loading-machine	842,532	Jan. 29	5579	1180-2	126	1573
Doss, George W., Erick, Okla. Ter. Well-drilling machine	870,765	Nov. 12	1426	387	131	494
Doss, John N., Wingate, Ind. Horseshoe-nail clencher	855,505	June 4	121	25	128	1724
Dossert & Company. (See Dossert, John J., assignor.)						
Dossert, John J., New York, N. Y., assignor to Dossert & Company. Coupling for lead-covered electric cables	862,618	Aug. 6	871	233	129	2355
Dossor, Frederick M., Doncaster, England. Apparatus for cleaning and separating seeds, &c.	846,915	Mar. 12	2412	530	127	642
Dossor, Frederick M., Doncaster, England. Apparatus for cleaning and separating seeds and the like	866,848	Sept. 24	3215	904-5	130	1103
Doster, Jakob, Mülheim-on-the-Ruhr, Germany. Violin-bow	868,169	Oct. 15	1485	420	130	1809
Dotson, George R., Elbert, Colo. Beet-harvesting device	843,089	Mar. 26	4796	1046	127	1298
Dotson, John F., Troy, N. Y. Kitchen implement	844,266	Feb. 12	2813	599	126	2530
Dotson, William T., assignor of one-fourth to W. and H. Sowards, Manassa, Colo. Gate	841,077	Jan. 8	2581	565	126	700
Doty, Charles H., assignor to Kilbourne and Jacobs Manufacturing Company, Columbus, Ohio. Dump-car	872,057	Nov. 26	4045	969	131	1046
Doty, Edwin A., Albany, N. Y. Nut-lock	869,696	Oct. 29	3933	1084	130	2617
Doty, Ellsworth P., Meridian, N. Y. Chimney-top	865,023	Sept. 3	413	110	130	127
Doty, James R., Knoxville, Tenn. Car-mover	865,087	Sept. 3	508	140	130	154
Doty, John W. (See Moran and Doty.)						
Doty, Thomas B., Beecher City, Ill. Harrow	862,453	Aug. 6	584	155	129	2272
Doty, Walter G., assignor to Heinz Manufacturing Company, Dayton, Ohio. Computing cheese-cutter	848,090	Mar. 26	4798	1046-7	127	1299
Doty, Walter G., assignor to Heinz Manufacturing Co., Dayton, Ohio. Cheese-cutter	868,626	Oct. 15	2240	621	130	2045
Doub, John H., Walnut, Kans. Washing-machine	870,020	Nov. 5	233	62	131	81
Double, Edward, Los Angeles, Cal. Underreamer	862,317	Aug. 6	349	96-7	129	2193
Double Pointed Safety Pin Mfg. Co. (See Kaspar and Krejci, assignors.)						
Doubleday, Ulysses F., Kalamazoo, Mich. Account-book	852,876	May 7	1036	214	128	264
Doudna, Joseph W., Marietta, Ohio. Vault	859,550	July 9	1906	512	129	671
Douds, James D., Swissvale, Pa. Combined step-ladder and table	847,919	Mar. 19	4455	976	127	1176
Dougherty, Harry W., Leechburg, Pa. Dumping-car	863,703	Aug. 20	2508	692	129	2930
Dougherty, James E. (See Hogan, Michael E., assignor.)						
Dougherty, John W. (See Turner and Dougherty.)						
Dougherty, John W. (See Turner, Dougherty, and Little.)						
Dougherty, Orville, J. W. and A. Armstrong, Three Rivers, Mich. Mold for artificial stone	858,502	July 2	245	60	129	89
Dougherty, Thomas, Minneapolis, Minn. Grain-bin	849,984	Apr. 9	2640	552-3	127	2295
Doughton, Charles F., Lebanon, Oreg. Musical instrument	853,536	May 14	2345	488	128	635
Doughty, Alfred J., Detroit, Mich. Pneumatic hammer	867,353	Oct. 1	192	55	130	1370
Doughty, Charles L. (See McGregor, Bradford, assignor.)						
Doughty, Henry J., assignor to Atlantic Rubber Shoe Company, Providence, R. I. Die-cutting machine	853,501	May 14	2282	472-4	128	620
Doughty, Ralph O., Mount Pleasant, Mich. Display-hanger	841,945	Jan. 22	4318	930	126	1219
Douglas, James A., Yates Landing, Ill. Envelop	853,070	May 7	1424	297	128	361
Douglas, James A., Yates Landing, Ill. Box	862,722	Aug. 6	1028	275	129	2400
Douglas, John C., et al. (See Martin and Hake, assignors.)						
Douglas, John W., Augusta, Ga. Saw-clamp	858,503	July 2	248	61	129	90
Douglas, Peyton. (See Hodge and Douglas.)						
Douglas, Richard, New York, N. Y. Safety-pin	849,217	Apr. 2	1213	246	127	1899
Douglas, William D. Air-feeding device	842,845	Jan. 29	6251	1320-1	126	1737
Douglas, William H., Belleville, N. J., assignor to Healey & Co., New York, N. Y. Driving-gear for motor-vehicles	864,623	Aug. 27	3955	1097-8	129	3407
Douglas, William H., Belleville, N. J., assignor to Healey & Co., New York, N. Y. Flexible shaft	864,624	Aug. 27	3957	1098	129	3408
Douglas, William H., Belleville, N. J., assignor to Healey & Co., New York, N. Y. Brake mechanism	864,625	Aug. 27	3958	1098	129	3408
Douglas, William H., Belleville, N. J., assignor to Healey & Co., New York, N. Y. Controller for driving-gears	864,626	Aug. 27	3958	1098	129	3409
Douglas, William H., Belleville, N. J., assignor to Healey & Co., New York, N. Y. Wheel	864,627	Aug. 27	3960	1099	129	3409
Douglass, Benjamin F., St. Louis, Mo. Hinge for window-screens	858,269	June 25	5532	1182	128	3197
Douglass, Clinton A., et al. (See Patton, Oliver C., assignor.)						
Douglass, Clinton A., and F. L. Jones, Denver, Colo. Automatic weighing-machine	867,354	Oct. 1	193	55-6	130	1371

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Douglass, Elizabeth A. (See Douglass, Samuel F., assignor.)						
Douglass, Harry J., Bellingham, Wash. Can-vent-shielding machine.....	873,519	Dec. 10	2477	522-3	131	1398
Douglass, Leon F., Philadelphia, Pa., assignor to Victor Talking Machine Company. Mounting for the stylus-bar of talking-machines.....	865,088	Sept. 3	509	140	130	154
Douglass, Samuel F., assignor to E. A. Douglass, Bloomfield, N. J. Rail-joint and reinforced support therefor.....	859,805	July 9	2281	621	129	793
Douglass, Thomas L., Raiston, Okla. Ter. Hog-poke.....	863,057	Aug. 13	1528	415	129	2 50
Douglass, William W., Salt Lake City, Utah. Water elevating and storage apparatus.....	855,100	May 28	5518	1145-6	128	1507
Doull, James, Butte, Mont. Timber-framing machine.....	848,225	Mar. 26	5021	1097-8	127	1356
Doull, James, Butte, Mont. Chuck for timber-framing machines.....	848,226	Mar. 26	5023	1098	127	1356
Doull, Nelson L. B., Los Angeles, Cal. Burglar-alarm.....	864,362	Aug. 27	3509	975	129	3267
Douse, Frederick A., Seattle, Wash. Propeller.....	865,364	Sept. 10	942	270	130	314
Douse, Frederick A., Seattle, Wash. Propeller.....	871,059	Nov. 12	1889	518	131	641
Dove, Charles E., Dovesville, Va. Thread-cabinet.....	856,945	June 11	2918	612	128	2463
Dove, John O., Cooleedge, and C. Wirsing, Fort Worth, Tex. Water-conveyer.....	874,397	Dec. 24	4299	905	131	1955
Dove-Smith, Joseph, Toronto Junction, and F. E. Lauer, Niagara Falls, Ontario, Canada. Antifriction-bearing.....	854,877	May 28	5061	1052	128	1391
Dover, George W., Providence, R. I. Pin-tongue.....	859,929	July 16	2483	675	129	887
Dover, George W., Cranston, R. I., assignor to George W. Dover Company. Stone gallery.....	843,006	Feb. 5	329	72	126	1873
Dow, Abraham L., Lyons, Colo. Valve.....	850,740	Apr. 16	4089	854	127	2703
Dow, Alexander, assignor to Dow Composing Machine Company of New York, New York, N. Y. Type-distributing machine.....	858,584	July 2	370	94-8	129	131
Dow, Alexander, assignor to Dow Composing Machine Company of New York, New York, N. Y. Type-setting machine.....	858,585	July 2	383	98-101	129	136
Dow, Alexander M., Burkettsville, Me. Sawmill-gage.....	861,096	July 23	4288	1177	129	1508
Dow, Charles E., Plymouth, Mass. Comb-frame lifter.....	871,489	Nov. 19	2835	713	131	830
Dow Composing Machine Company of New York. (See Dow, Alexander, assignor.)						
Dow, Ebenezer G., London, England. File.....	849,774	Apr. 9	2267	466	127	2201
Dow, Ebenezer G., Hornsey Rise, London, England. Temporary binder.....	849,836	Apr. 9	2389	488	127	2233
Dow, Herbert H. (See Gates and Dow.)						
Dow, Herbert H., W. S. Gates, Midland, Mich., and A. E. Schaefer, Cleveland, Ohio, assignors, by mesne assignments, to Ontario Nickel Company, Limited, Worthington, Canada. Recovering the nickel contained in basic nickel precipitates.....	857,927	June 25	4840	1025	128	3019
Dow, Wallace L., Sioux Falls, S. D. Building-block.....	872,111	Nov. 26	4152	993	131	1064
Dow, Willard E. (See Mueller, Theodor M., assignor.)						
Dow, William H., Burlington, Vt. Shears.....	861,713	July 30	5267	1449	129	1852
Dowd, Elmer W., Ottawa, Kans. Rake.....	853,502	May 14	2287	474	128	621
Dowd, James E., Hillsboro Bridge, N. H. Fulling-mill.....	854,030	May 21	3381	697	128	934
Doddall, James T., New York, N. Y. Seam for sewed articles.....	842,184	Jan. 29	4824	1029	126	1376
Dowe, Daniel O., Montgomery, Ala. Coffee-urn.....	855,842	June 4	782	164	128	1892
Dowell, Arthur E. (See Leon and Dowell.)						
Dowell, Chester M., Elkhart, Ind. Dental appliance.....	851,735	Apr. 30	6080	1271	127	3272
Dower, John H. (See Jackson and Dower.)						
Dowler, Charles R., Denver, assignor to Colorado Railway Signal Company, Lamar, Colo. Signal.....	865,169	Sept. 3	613	173	130	186
Dowling, Francis J., Montreal, Quebec, Canada. Prepayment attachment for electric meters.....	873,356	Dec. 10	2177	455	131	1544
Dowling, John, Olympia, Wash. Boring-tool.....	847,742	Mar. 19	4071	890	127	1085
Down, Ernest U., Waterville, Ohio. Wire-fencing fastener for concrete posts.....	869,137	Oct. 22	3024	835	130	2310
Downer, Hawes and Company. (See Downer and Hawes, assignors.)						
Downer, Moses M., and G. E. Hawes, assignors to Downer, Hawes and Company, Bridgeport, Conn. Abdominal corset.....	851,926	Apr. 30	6473	1349-50	127	3375
Downes, James D., assignor of one-half to C. R. Burke, Detroit, Mich. Railway-switch.....	864,232	Aug. 27	3314	918	129	3208
Downes, Louis W., Providence, R. I. Electric fuse.....	846,404	Mar. 5	1364	299	127	346
Downes, Louis W., Providence, R. I. Apparatus for applying insulation to electrical conductors.....	861,021	July 23	4188	1147-8	129	1476
Downes, Louis W., Providence, R. I. Apparatus for applying insulation to electric conductors.....	861,097	July 23	4289	1177	129	1509
Downey, Allen J., St. Louis, Mo. Sash-lock.....	872,912	Dec. 3	1248	266	131	1363
Downey, Barton S., Kokomo, Ind. Yoke for wire-carrying hooks.....	872,112	Nov. 26	4153	994	131	1064
Downey, Edward J., and J. A. Davis, Cleveland, Ohio. Clutch.....	842,533	Jan. 29	5586	1182	126	1574
Downey, James H., Gainesville, Ga. Hoisting device.....	852,877	May 7	1039	215	128	265
Downey, James H., Gainesville, Ga. Operating-table.....	861,272	July 30	4580	1250	129	1642
Downey, Richard F., Milwaukee, Wis., assignor to United States Railroad Track Building Machine Company. Machine for constructing railways.....	851,982	Apr. 30	6585	1371-3	127	3403
Downey, Wallace, Brooklyn, N. Y. Steam-boiler.....	841,235	Jan. 15	2910	632	126	827
Downey, William F., Washington, D. C. Horseshoe.....	866,008	Sept. 17	1964	548	130	674
Downie, Robert M., assignor to Keystone Driller Co., Beaver Falls, Pa. Core-drill.....	848,227	Mar. 26	5024	1098-9	127	1356
Downie, Robert M., assignor to Keystone Driller Co., Beaver Falls, Pa. Core-drill.....	854,570	May 21	4413	916	128	1197
Downing, Fred, Decatur, Ill. Tooth-brush.....	841,946	Jan. 22	4319	931	126	1219
Downing, George, Los Angeles, Cal. Eye and pin for flasks.....	840,990	Jan. 8	2417	529	126	657
Downing, James, Jeanette, Pa. Furnace.....	841,947	Jan. 22	4320	921	126	1220
Downing, William A., and J. T. McHugh, Pittsburg, Pa. Coin and disk counting machine.....	861,817	July 30	5439	1498	129	1904
Downing, William E., Des Plaines, Ill. Carbureter.....	853,516	Aug. 13	2231	603	129	2810
Downs, Alfred B., Memphis, Tenn. Crop-thinner.....	856,685	June 11	2456	505	128	2350
Downs, Bertram B., St. Paul, Minn. Battery.....	855,880	June 4	847	176	128	1903
Downs, Charles E., Mannington, W. Va. Fishing-tool.....	847,168	Mar. 12	2887	636	127	700
Downs, John H., New York, N. Y. Driven metallic ground-post.....	841,645	Jan. 15	3702	805	126	1031
Downs, Mack D. (See Mathews and Downs.)						
Downs, Wayne, assignor of two-fifths to S. R. Adams, Dallas, Tex. Plumb rule and level.....	842,874	Feb. 5	62	15	126	1806
Downs, William J., Fragrant, Ky. Corn-planter and fertilizer-dropper.....	871,328	Nov. 19	2481	640-1	131	777
Doxsie, George W., Cadillac, Mich. Car-blade.....	853,401	May 14	2085	433	128	567
Doyen, Denis, Schaerbeek, Belgium. Door-hanger.....	865,089	Sept. 3	510	140	130	155
Doyle, Edward, Boyd, Wis. Rutter for logging-sleds.....	851,199	Apr. 23	4979	1046	127	2966
Doyle, Frank L. (See Stockham and Doyle.)						
Doyle, James, Niagara Falls, N. Y. Safety mechanism for railway-trains.....	869,557	Oct. 29	3713	1017-18	130	2552
Doyle, James S. (See Hedley, Doyle, and Wallerstedt.)						
Doyle, James S., New York, N. Y. Fuse-box support.....	867,257	Oct. 1	39	12	130	1328
Doyle, James S., New York, N. Y. Metallic window-frame for steel cars.....	873,218	Dec. 10	1887	395	131	1496
Doyle, John, assignor to Municipal Lighting Company, New York, N. Y. Street-lamp.....	864,958	Sept. 3	313	84	130	99
Doyle, John F., Washington, D. C. Captive-ball apparatus.....	861,506	July 30	4949	1359	129	1755
Doyle, John W. (See Mahoney, Michael F., assignor.)						
Doyle, Joseph, West Indianapolis, Ind. Pianoforte-action.....	851,001	Apr. 23	4583	960-1	127	2868
Doyle, Lydia A., Moundridge, Kans. Shoe-protector.....	843,199	Feb. 5	748	153	126	1984

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Doyle, Percival F. (See Thompson, Mackie, and Doyle.)						
Doyle, William, New York, N. Y. Massage instrument for applying ointments, lotions, &c.	850,357	Apr. 16	3348	698	127	2517
Doyle, William A. (See Abrams and Doyle.)						
Doyle, William C. (See Butler, Wallace, assignor.)						
Dozier, Leonidas B. (See Rowan, Theodore D., assignor.)						
Dozier, Lewis D., St. Louis, Mo. Memorandum-calendar	859,052	July 2	1148	307	129	390
Dozier, Willoughby D., Weeksville, N. C. Plow	851,872	Apr. 30	6362	1327	127	3347
Dräger, Alexander B., and H. W. C. Schröder, assignors to Firm of Drägerwerk, Heinrich and Bernhard Dräger, Lübeck, Germany. Oxyhydrogen-gas burner.	869,071	Oct. 22	2935	808	130	2284
Drägerwerk, Heinrich and Bernhard Dräger, Firm of. (See Dräger and Schröder, assignors.)						
Dragoo, Alva W., Murdock, Ill. Furnace-door	843,007	Feb. 5	330	72	126	1873
Drake, Chester T., Chicago, Ill. Mixing apparatus	865,365	Sept. 10	942	270-1	130	314
Drake, Edward E., New York, N. Y., assignor to Union Metallic Cartridge Company, Bridgeport, Conn. Cartridge-carrier	869,484	Oct. 29	3587	983	130	2512
Drake, Frank V., Bishop, Cal. Rope-carrier direction-changing device	861,818	July 30	5441	1498	129	1904
Drake, Frank W., et al. (See Miesse, Americus, assignor.)						
Drake, James C., Rochester, Minn. Plate-holder	851,281	Apr. 23	5159	1084	127	3012
Drake, Julian F., Tracy, assignor of one-half to J. Kemna, Ghent, Minn. Detachable boiler-flue	841,381	Jan. 15	3208	692	126	905
Drake, Michael, Cora, Idaho. Railway-joint	870,088	Nov. 5	331	93	131	110
Drakes Limited. (See Slingsby, Walter, assignor.)						
Drane, Frank N., Corsicana, Tex. Pole-splicing device	841,489	Jan. 15	3420	736	126	962
Draper, Charles A., et al. (See Myers, Francis M., assignor.)						
Draper, Charles W., Washington, D. C. Computing device	856,573	June 11	2246	401-2	128	2296
Draper, Clare H., assignor to Draper Company, Hopedale, Mass. Filling-replenishing loom	853,199	May 7	1648	343-4	128	417
Draper Company. (See Aillery, Constant, assignor.)						
Draper Company. (See Allen, Edward F., assignor.)						
Draper Company. (See Ambler, George B., assignor.)						
Draper Company. (See Andrews, William F., assignor.)						
Draper Company. (See Benson, Arthur E., assignor.)						
Draper Company. (See Birmingham, Willburn B., assignor.)						
Draper Company. (See Bolton, John B., assignor.)						
Draper Company. (See Bracken, Howard W., assignor.)						
Draper Company. (See Brooks, John C., assignor.)						
Draper Company. (See Côté, Henry, assignor.)						
Draper Company. (See Cunniff, John V., assignor.)						
Draper Company. (See Draper, Clare H., assignor.)						
Draper Company. (See Draper and Roper, assignors.)						
Draper Company. (See French, Frank H., assignor.)						
Draper Company. (See Goodnow, Robert M., assignor.)						
Draper Company. (See Hodgman and Bailey, assignors.)						
Draper Company. (See Hollins, Denis M., assignor.)						
Draper Company. (See Knight, George W., assignor.)						
Draper Company. (See Leonard, Peter S., assignor.)						
Draper Company. (See Major, Enoch H., assignor.)						
Draper Company. (See Morey, Myron, assignor.)						
Draper Company. (See Northrop, Jonas, assignor.)						
Draper Company. (See Northrop and Roper, assignors.)						
Draper Company. (See Rainville, Victor, assignor.)						
Draper Company. (See Rhoades, Alonzo E., assignor.)						
Draper Company. (See Roper, Charles F., assignor.)						
Draper Company. (See Roper, Walter F., assignor.)						
Draper Company. (See Smith, Harry W., assignor.)						
Draper Company. (See Smith and Langley, assignors.)						
Draper Company. (See Smith and Stimpson, assignors.)						
Draper Company. (See Stimpson, Edward S., assignor.)						
Draper Company. (See Stimpson, Wallace L., assignor.)						
Draper Company. (See Stone, Melvin L., assignor.)						
Draper Company. (See Wood and Northrop, assignors.)						
Draper, George O., et al. (See Bell, Enos T., assignor.)						
Draper, Stephen H., Granger, assignor of one-sixth to S. and S. E. Allen, Danville, five-eighths to C. Ricker, and five-eighths to W. S. Mills, Hume, N. Y. Rotary engine	846,017	Mar. 5	611	127-8	127	157
Draper, Thomas, assignor of one-half to J. W. Hall, Middletown, Conn. Ink-eraser	849,985	Apr. 9	2643	553	127	2295
Draper, William F., and C. F. Roper, assignors to Draper Company, Hopedale, Mass. Stopping and starting mechanism for looms	848,815	Apr. 2	439	86	127	1698
Draver, Emil R., Richmond, Ind. Means for imparting gyratory motion to sieve-boxes and other bodies	844,005	Feb. 12	2285	489-90	126	2399
Draver, Emil R., Richmond, Ind. Means for imparting gyratory motion to sieve-boxes and other bodies	868,333	Oct. 15	1755	496	130	1891
Dravo, Francis R., Sewickley, Pa. Sheet-piling	863,837	Aug. 20	2718	749	129	2996
Drawbaugh Artificial Fuel Company. (See Drawbaugh and Gamble, assignors.)						
Drawbaugh, Daniel, Eberlys Mill, and B. E. Gamble, Bowmansdale, Pa. Artificial fuel	846,437	Mar. 5	1449		127	365
Drawbaugh, Daniel, Eberlys Mill, and B. E. Gamble, Bowmansdale; said Drawbaugh assignor to Drawbaugh Artificial Fuel Company, Harrisburg, Pa. Artificial fuel and making the same	867,915	Oct. 8	1065		130	1658
Drawert, George, Chicago, Ill. Electric contact rail and shoe	867,021	Sept. 24	3480	985	130	1187
Drayer, Charles, St. Louis, Mo. Column-joint	871,576	Nov. 19	3013	750	131	859
Drechsler, Heinrich A. W., Männedorf, Switzerland. Internal-combustion engine	864,086	Aug. 20	3079	850	129	3105
Dredge, Joseph F., assignor of one-half to L. C. Katz, Detroit, Mich. Change maker and register	864,457	Aug. 27	3657	1017-18	129	3317
Dreer, William F., Coulters, Pa. Electric signal	841,855	Jan. 22	4155	895	126	1183
Drees, John, Covington, Ky. Ice-scraper	849,108	Apr. 2	1004	203	127	1844
Drees, William J., Covington, Ky. Draft-rigging for vehicles	841,132	Jan. 15	2718	593	126	780
Dreher, Gustave F., assignor of one-half to G. F. E. Dreher, Schenectady, N. Y. Insulating coupling	865,483	Sept. 10	1130	320	130	371
Dreher, Gustave F. E. (See Dreher, Gustave F., assignor.)						
Dreher, Oscar, Stroudsburg, Pa. Holder for paste	864,628	Aug. 27	3961	1099	129	3410
Dreier, Charles A., Chicago, Ill. Water-closet fitting	872,331	Dec. 3	22	4	131	1172
Dreier, Charles A., Chicago, Ill. Water-closet bend	872,332	Dec. 3	23	4	131	1173
Dreisbach, William I., Williamsport, Pa. Tire	866,009	Sept. 17	1965	548-9	130	675

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Drennan, Jennie G., St. Thomas, Ontario, Canada. Corset.	867,487	Oct. 1	386	111	130	1434
Drennan, John O. (See Decks and Drennan.)						
Drescher, Esther E. R., Princeton, Minn. Necktie-fastener.	849,218	Apr. 2	1214	246	127	1898
Dresler, Gustav A. H., Kiel, Germany. Chain-link shackle.	851,619	Apr. 23	5823	1217	127	3176
Dressel, Frederick W. (See Eklund, Gustav, assignor.)						
Dressel, Frederick W., assignor to Dressel Railway Lamp Works, New York, N. Y. Latch-lock.	868,975	Oct. 22	2780	767	130	2235
Dressel, Oscar, and A. Ossenbeck, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Azo dye.	843,137	Feb. 5	607		126	1950
Dressel, Oscar, and M. Kahn, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Azo dye.	843,077	Feb. 5	484		126	1918
Dressel, Oscar, Elberfeld, and R. Kothe, Vohwinkel, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Black azo dye.	858,444	July 2	123		129	41
Dressel, Oscar, Elberfeld, and R. Kothe, Vohwinkel, near Elberfeld, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Bluish-black azo dye.	859,930	July 16	2484		129	887
Dressel Railway Lamp Works. (See Dressel, Frederick W., assignor.)						
Dressel Railway Lamp Works. (See Jones, Charles E., assignor.)						
Dresser, Charles A., assignor to G. A. E. and F. W. Kohler, Chicago, Ill. Controller for electric motors.	851,804	Apr. 30	6218	1296-7	127	3309
Dresser, Francis E., <i>et al.</i> (See Garrett, William B., assignor.)						
Dresser, Solomon R., assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Coupling for bell and spigot pipes.	854,936	May 28	5166	1077	128	1419
Dressler, Charles E. and R., New York, N. Y. Air-purifying device.	852,423	May 7	25	6	128	9
Dressler, Leiser genannt Lorenz, Dresden, assignor to E. Vollbeh, Dresden-Röcknitz, Germany. Dust-binding composition and making same.	842,636	Jan. 29	5807		126	1629
Dressler, Robert. (See Dressler, Charles E. and R.)						
Drew, Charles E., Farmington, N. H. Knife-shank.	845,340	Feb. 26	5217	1107	126	3204
Drew, George F. (See Caldwell and Drew.)						
Drew, George F., Brunswick, Me. Signal-bell.	869,885	Nov. 5	20	6	131	9
Drew, George F., Brunswick, Me. Supplemental metallic picture-holding strip.	874,749	Dec. 24	5003	1053	131	2070
Drew, George W., San Francisco, Cal. Feed-roll.	865,575	Sept. 10	1286	364	130	420
Drew, Harry E., <i>et al.</i> (See Kimber, Abraham, assignor.)						
Drew, Herbert H., assignor of one-half to E. M. Snow, Waterloo, Wis. Railway-car truck.	856,626	June 11	2352	484	128	2324
Drewell, Heinrich, Hanover, Germany. Mechanism for perforating the operating-bands of automatic type-setting machines.	851,504	Apr. 23	5592	1170-1	127	3118
Drewell, Heinrich, Hanover, Germany. Apparatus for the electric operation of type-setting machines.	864,519	Aug. 27	3769	1047-8	129	3352
Drewell, Heinrich, Hanover, Germany. Mechanism for perforating the operating-bands of automatic type-setting machines.	866,343	Sept. 17	2466	688-9	130	832
Drewell, Heinrich, Charlottenburg, Germany. Linotype or composing-machine.	868,538	Oct. 15	2076	582	130	1988
Drewett, William A., New York, assignor to M. T. Davidson, Brooklyn, N. Y. Twin air-pump.	871,114	Nov. 19	1997	544-5	131	703
Drewry, George. (See Fritch and Drewry.)						
Drewsen, Viggo, New York, N. Y. Manufacturing products from cornstalks, sugar-cane, &c.	853,943	May 14	3199	656	128	850
Dreyer, Herman, New York, N. Y. Illuminated sign.	860,285	July 16	3019	826-7	129	1063
Dreyfuss, Isidor, New York, N. Y. Tape-applying machine.	867,807	Oct. 8	894	251-3	130	1605
Driesbach, Frank K. (See Lanier and Driesbach.)						
Driest, Charles, New York, N. Y. Surgeon's needle-holder.	862,619	Aug. 6	873	233	129	2355
Driffield, Vero C., and F. W. Wright, assignors to United Alkali Company Limited, Liverpool, England. Purification of sulfuric acid.	846,288	Mar. 5	1128	246	127	286
Driggs-Seabury Ordnance Corporation. (See Driggs, William H., assignor.)						
Driggs, William H., Washington, D. C. Apparatus for pointing guns.	866,441	Sept. 17	2597	725-6	130	875
Driggs, William H., Washington, D. C., assignor to Driggs-Seabury Ordnance Corporation, Sharon, Pa. Semi-automatic attachment for breech-loading guns.	867,258	Oct. 1	41	12-14	130	1328
Dripps, Mary E., Washington, D. C. Eyeglass-holder.	852,599	May 7	459	85	128	122
Driscoll, Daniel W., and J. A. Rennie, New York, N. Y. Expansion-drum for hoisting apparatus.	860,859	July 23	3907	1071	129	1386
Drisko, Alonzo S. (See Berrenberg and Drisko.)						
Drissler, John H., <i>et al.</i> (See Patton, Alfred S., assignor.)						
Drittler, Frederick, Rutherford, N. J., assignor to Arabol Manufacturing Company, New York, N. Y. Treating starch.	847,658	Mar. 19	3900		127	1046
Drittler, Frederick, Rutherford, N. J., assignor to Arabol Manufacturing Company, New York, N. Y. Treating starch.	847,985	Mar. 19	4590		127	1208
Driver, Aber & Company. (See Driver, John, assignor.)						
Driver, Charles H., assignor of one-half to W. W. K. Decker, Tarpon Springs, Fla. Turpentine-hack.	873,032	Dec. 10	1531	320	131	1438
Driver, Harry B. (See Lowry, Robert L., assignor.)						
Driver, John, assignor to Driver, Aber & Company, San Leandro, Cal. Carpet-stretcher.	844,107	Feb. 12	2475	531	126	2444
Drohan, Thomas E. (See Mallett and Drohan.)						
Drohan, Thomas E., Madison, Wis., assignor to Northern Electrical Manufacturing Company. Helix-forming machine.	840,050	Jan. 1	514	111-12	126	137
Dronsfield, James, Oldham, England. Apparatus for grinding or surfacing calender-bowls and the like.	854,341	May 21	3980	822-3	128	1091
Dropskey, Joseph J., Mount Carmel, Pa. Combined jar and drinking-fountain.	865,024	Sept. 3	415	110	130	128
Drought, James G., Chicago, Ill. Anchor for cakes of soap.	843,330	Feb. 5	1008	207	126	2045
Drouvé, Gerhard F. (See Lovell, Albert K., assignor.)						
Drowne, Frederick P., Warren, R. I. Tooth-brush.	845,064	Feb. 26	4661	990	126	3064
Drucker, George A. (See Murphy, William M., assignor.)						
Drucker, Harry N., Cincinnati, Ohio. Support for garment-hangers.	869,233	Oct. 29	3174	874	130	2385
Drucker, John F., New York, N. Y. Swing-door for cold-storage rooms.	849,775	Apr. 9	2268	466	127	2201
Drucker, John F., New York, N. Y., assignor to G. Stroh, Detroit, Mich., and F. L. Schott, New York, N. Y. Rotary door.	864,458	Aug. 27	3661	1018	129	3319
Druding, Edward J., New York, N. Y. Bed.	852,776	May 7	800	160	128	208
Drueck, Gustavus P., Jr., Chicago, Ill. Feed-bag.	846,985	Mar. 12	2546	560	127	678
Druen, Bernard D., New Haven, Conn. Motor-vehicle.	854,408	May 21	4108	850	128	1122
Drum, George E. (See Smith and Drum.)						
Drummond, Henry J., Etna, Pa. Drop-rail for roundhouses.	853,868	May 14	3032	623	128	808
Drummond, Robert, and W. C. Lieberknecht, New York, N. Y.; said Lieberknecht assignor to said Drummond. Type-casting machine.	848,352	Mar. 26	5297	1155-6	127	1423
Druzbach, Theodor, Flensburg, Germany. Combination-table for kitchens.	858,163	June 25	5351	1137	128	3150
Dryden, George H. (See Patenall and Dryden.)						
Drysdale, Stephen H., Versailles, Mo. Adding-machine.	844,505	Feb. 19	3302	713	126	2691
Du Belle, Charles S., Williamsport, Pa. Type-writer.	873,304	Dec. 10	2063	431-2	131	1526
Du Bes, George W., New Orleans, La. Car-standard.	846,289	Mar. 5	1129	246	127	286
Du Bes, George W., New Orleans, La. Self-clearing chain-stay for car-standards.	846,290	Mar. 5	1131	247	127	286

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Du Bois, Alexander D., assignor to Western Electric Company, Chicago, Ill. Spring actuating device for drum-controllers.	840,690	Jan. 8	1809	399	126	506
Du Bois, Edward M. (See Brock and Du Bois.)						
Du Bose, Joshua H. (See Brust and Du Bose.)						
Du Brau, Anna, Baltimore, Md. Heater for smoothing-irons.	855,760	June 4	615	126	128	1853
Du Brau, Otto M., Baltimore, Md. Tile.	856,231	June 11	1514	319	128	2109
Du Brul, Napoleon, Cincinnati, Ohio. Tobacco-cutter.	841,236	Jan. 15	2911	632-3	126	828
Du Brul, Napoleon, Cincinnati, Ohio. Drier for cigarette-machines.	842,534	Jan. 29	5587	1182-3	126	1575
Du Brul, Napoleon, Cincinnati, Ohio. Paper-cigarette machine.	844,783	Feb. 19	4123	878-80	126	2889
Du Brul, Napoleon, Cincinnati, Ohio. Tobacco-cutter.	846,734	Mar. 12	2035	447-8	127	547
Du Brul, Napoleon, Cincinnati, Ohio. Cigar-mold.	847,558	Mar. 19	3675	811	127	989
Du Frane, John L., Oakland, Cal. Tape-punching register.	840,051	Jan. 1	516	112	126	138
Du Montier, Alfred. (See Ayres, Gustav, assignor.)						
Du Montier, Alfred, Washington, D. C., assignor to American Loktile Company, Alexandria, Va. Ornamental metal plate.	841,490	Jan. 15	3421	737	126	962
Du Pont, Eleuthère P., Montchanin, Del. Gas-engine-reversing switch.	868,476	Oct. 15	1978	552	130	1958
Du Pont, Francis I., Wilmington, Del. Machine for mixing and treating plastic substances.	851,607	Apr. 23	5800	1212	127	3171
Du Pont, Francis I., assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Cartridge and manufacture thereof.	846,612	Mar. 12	1826	401	127	494
Du Pont, Francis I., assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Machine for charging cartridge-shells.	860,607	July 16	3515	967-8	129	1226
Du Shane, Andrew, South Bend, Ind. Gas turbine-engine.	845,622	Feb. 26	5743	1216	126	3334
Duane, J. J. (See Stanley, William S., assignor.)						
Duane, John J., and R. H. McFarland, Dalton, Ga. Apparatus for setting saws.	860,790	July 23	3816	1046	129	1356
Dubbs, Jesse A., Pittsburg, Pa. Paving material and manufacture thereof.	862,318	Aug. 6	352		129	2194
Dubbs, Jesse A., Pittsburg, Pa. Saturating fibrous material.	862,454	Aug. 6	585		129	2272
Dubé, Louis, Albany, N. Y. Spike.	865,170	Sept. 3	615	173	130	186
Dubets, Samuel R. (See Milbrath, William, assignor.)						
Dubisce, Joseph, Philadelphia, Pa. Handle-thimble.	853,537	May 14	2347	488	128	636
Dubois, James M., Bagwell, Tex. Animal-trap.	848,295	Mar. 26	5183	1129	127	1396
Dubuque Harness & Saddlery Company. (See Grings, Casper H., assignor.)						
Dubuque Harness and Saddlery Company. (See Lee and Grings, assignors.)						
Duby, Frederick, West Point, N. Y. Fastening device.	851,226	Apr. 23	5041	1061	127	2981
Ducas, Francis. (See Mollere, Mederic C., assignor.)						
Ducco, Antonio, Turin, Italy. Furnace.	855,289	May 28	5873	1223-4	128	1597
Duchanois, C. F., et al. (See Struthers, Joshua A., assignor.)						
Duchesne, Ernest. (See Duchesne, Ulric and E.)						
Duchesne, Ulric and E., Montreal, Quebec, Canada. Rotary engine.	874,312	Dec. 17	4128	969	131	1894
Duck, Henry F. (See McRae and Ingram, assignors.)						
Duckenfield, Willard E., Newark, N. J. Sash-lock.	844,667	Feb. 19	3882	821	126	2826
Ducker, Orlando, Washington, D. C. Eyeglass-case.	874,172	Dec. 17	3830	807	131	1847
Duckett, Samuel L., Goldfield, assignor of one-half to W. J. Kermod, Victor, Colo. Check attachment to vehicles.	846,405	Mar. 5	1364	300	127	346
Duckworth, Frank M., Bridgewater, Mass. Applauding device and the like.	869,886	Nov. 5	21	6	131	9
Duckworth, Richard, Preston, England. Current-controller.	847,743	Mar. 19	4073	890	127	1085
Dudgeon, Henry C. (See Weeks, John, assignor.)						
Dudgeon, Henry C., Locust Valley, N. Y. Hydraulic jack.	848,641	Apr. 2	39	9	127	1594
Dudgeon, Henry C., Locust Valley, N. Y. Hydraulic jack.	861,714	July 30	5268	1449	129	1852
Dudgeon, William M., executor. (See Mathers, William H., assignor.)						
Dudgeon, William M., executor. (See Weeks, John, assignor.)						
Dudley, Francis A. (See Silvris and Dudley.)						
Dudley, Frank R., Fitchburg, Mass. Scaffold.	860,359	July 16	3133	858	129	1100
Dudley, Fred H., Lincoln, Nebr. Hot-air register.	846,189	Mar. 5	953	202	127	242
Dudley, Job, Hamilton, Ontario, Canada. Window-shade roller.	854,878	May 28	5063	1053	128	1392
Dudley, John S., Marion, Ohio. Book-holder.	841,237	Jan. 15	2914	633-4	126	829
Dudley, Howard H., Kansas City, Mo. Switch-stand.	858,445	July 2	124	34	129	41
Dudley, Thomas J., assignor to E. S. Hughes, Abilene, Tex., and H. C. Stahl, Bellevue, Ohio. Planter.	852,499	May 7	239	43-4	128	68
Dudley, Thomas J., assignor to E. S. Hughes, Abilene, Tex., and H. C. Stahl, Bellevue, Ohio. Combined lister plow and planter.	852,777	May 7	801	160-1	128	208
Dudley, William L., Nashville, Tenn. Magnesia-cement composition.	839,820	Jan. 1	37		126	11
Dudly, Albert, Sr., Menominee, Mich. Thrill-support.	842,186	Jan. 29	4829	1031	126	1378
Dudly, Albert, Sr., Menominee, Mich. Stopper-extractor.	847,744	Mar. 19	4074	890	127	1086
Dudly, Albert, Sr., assignor to Dudly Tool Company, Menominee, Mich. Spike-puller.	842,185	Jan. 29	4826	1030	126	1376
Dudly Tool Company. (See Dudly, Albert D., Sr., assignor.)						
Dues, Randolph C. (See Larson and Dues.)						
Duecker, William. (See Reed and Duecker.)						
Duelfer, Heinrich, et al. (See Dobler, Philipp, assignor.)						
Duenkel, Felix, assignor to Western Electric Company, Chicago, Ill. Carrier for braiding-machines.	856,946	June 11	2919	812	128	2463
Duensing, A'Quilla, assignor of one-half to C. C. Lang, Altoona, Iowa. Conveyor-chain for potato-planters.	851,122	Apr. 23	4802	1010	127	2922
Duer, Charles W., Chicago, Ill. Reversing and change-speed gear for automobiles.	843,589	Feb. 12	1513	321	126	2304
Duer, Lenna G., Colorado Springs, Colo. Globe-fastener.	865,366	Sept. 10	944	271	130	314
Duerr, Emil, Backnang, Germany. Cooking-pot.	848,816	Apr. 2	443	87	127	1692
Duerr, Harry O., Wilmington, Del. Making artificial stone and the stone.	873,849	Dec. 17	3167		131	1743
Duerst, Casper, Bellevue, Pa. Faucet.	854,635	May 21	4522	944	128	1223
Duessing, Robert H., Chicago, Ill. Carpet-renovator.	850,911	Apr. 23	4430	926-7	127	2839
Duesterwald, Frank, New York, assignor to C. E. Leighton, Brooklyn, N. Y. Lock-protecting device.	867,916	Oct. 8	1066	301	130	1659
Dufaux, Armand and H., Geneva, Switzerland. Aeroplane or craft for aerial navigation.	846,830	Mar. 12	2241	492	127	600
Dufaux, Henri. (See Dufaux, Armand and H.)						
Duff, David, Mulberry, Kans. Combined threshold and weather-strip.	849,380	Apr. 9	1531	309	127	2014
Duff, John. (See Howell and Duff.)						
Duff Manufacturing Company. (See Freed, George F., assignor.)						
Duff & Sons, P. (See Thibodeau, Charles, assignor.)						
Duffee, Thomas E., Winchendon, Mass. Nasal snare.	870,021	Nov. 5	235	63	131	82
Duffett, George J., assignor to Simmons Hardware Company, St. Louis, Mo. Coal-hod.	844,714	Feb. 19	3981	846	126	2850
Duffett, George J., assignor to Simmons Hardware Company, St. Louis, Mo. Coal-hod.	844,856	Feb. 19	4260	908	126	2924
Duffield, William A., Hartrant, Tenn. Link.	855,290	May 28	5874	1224	128	1398
Duffin, James F. (See Goodnight and Duffin.)						
Duffy, Andrew, Jr. (See McCarron and Duffy.)						
Duffy, James E., Philadelphia, Pa. Non-refillable bottle.	851,620	Apr. 23	5824	1217	127	3176
Duffy, James F., assignor to himself, J. A. and J. F. Duffy, Jr., Chicago, Ill. Apparatus for refining, aging, mellowing, and purifying alcoholic liquors.	853,071	May 7	1425	297	128	361

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Duffy, John A., <i>et al.</i> (See Duffy, James F., assignor.)						
Duffy, John B., Indian Orchard, Mass. Blow-off cock for steam-boilers.....	862,143	Aug. 6	36	10	129	2093
Duffy, Peter, New York, N. Y. Piano.....	841,238	Jan. 15	2916	634	126	829
Duffy, Thomas I., assignor to Voigtman & Company, Chicago, Ill. Automatic window	845,767	Mar. 5	68	14	127	21
Duffy, Thomas I., assignor to Voigtman and Company, Chicago, Ill. Metal-sheathed						
paneled partition.....	872,058	Nov. 26	4048	970	131	1046
Dufresne, Jere C., Claremont, N. H. Wrench.....	841,000	Jan. 8	2419	529	126	657
Dugan, Elizabeth. (See Dugan, Patrick J., assignor.)						
Dugan, Patrick J., Chestnut Hill, assignor to E. Dugan, Brookline, Mass. Car-coupling	875,330	Dec. 31	6182	1288-9	131	2281
Dugan, Thomas J., assignor to M. J. O. Donnell, Cleveland, Ohio. Can-making machine.	848,296	Mar. 26	5185	1130-2	127	1396
Dugdale, Thomas, Waimate, New Zealand. Strainer for down-spouts and the like.....	866,633	Sept. 24	2881	814	130	995
Dugdill, John, Failsworth, near Manchester, England. Fitting for electric lamps.....	857,928	June 25	4845	1026	128	3020
Dugger, George A., assignor of one-half to R. L. Berry, Frederick, Ill. Railway-track						
liner.....	865,635	Sept. 10	1375	390-1	130	450
Duggins, Samuel E., Richmond, Va. Garment shaping and pressing form.....	872,718	Dec. 3	841	175	131	1300
Dugue, Adolfe, administrator. (See Shay, John H.)						
Duisdieker, Charles H., Pekin, Ill. Retort.....	851,409	Apr. 23	5408	1133	127	3075
Duke, Eliphalet B., Cookeville, Tenn. Copy-holder.....	867,808	Oct. 8	892	253	130	1606
Duke, George H. (See Fisher, Harold J., assignor.)						
Duke, Joseph H. (See Swan, Charles, assignor.)						
Duke, Waring, Crisp & Co. (See Giussani, Giovanni, assignor.)						
Duke, William, Sr., and William, Jr., Philadelphia, Pa. Printing-gage.....	841,948	Jan. 22	4322	931	126	1220
Dukelow, Charles, M. J. Kier, and H. A. Jaeger, Oconomowoc, Wis. Refrigerator.....	843,668	Feb. 12	1662	352	126	2244
Dukes, William B., and J. M. Dekle, Moultrie, Ga. Compost and cotton-seed distributor.	857,518	June 18	4025	857	128	2784
Dukesmith Air Brake Company. (See Dukesmith, Frank H., assignor.)						
Dukesmith Air Brake Company. (See Dukesmith, Frank H., assignor.) (Reissue.)						
Dukesmith Air Brake Release Signal Company. (See Turner, Charles E., assignor.)						
(Reissue.)						
Dukesmith, Frank H., Meadville, assignor to Dukesmith Air Brake Company, Pittsburg,						
Pa. Air-brake system. (Reissue.).....	12,712	Oct. 29	4198	1160	130	2696
Dukesmith, Frank H., Meadville, assignor to Dukesmith Air Brake Company, Pittsburg,						
Pa. Air-brake system.....	874,054	Dec. 17	3559	758	131	1808
Dulin, Charles E., Sandy Hill, N. Y., assignor to Union Paper Bag Machine Company,						
Philadelphia, Pa. Envelop-machine.....	850,879	Apr. 16	4359	913-14	127	2775
Dulin, Charles E., North Tonawanda, N. Y., assignor to Union Paper Bag Machine Com-						
pany, Philadelphia, Pa. Envelop-machine.....	850,880	Apr. 16	4363	914-15	127	2775
Dull, Andrew J., Harrisburg, and J. Weatherby, Jr., New Cumberland, Pa., said Weath-						
erby assignor to said Dull. Furnace for desulfurizing and agglomerating ores.....	875,331	Dec. 31	6184	1289	131	2281
Dull, Andrew J., Harrisburg, and J. Weatherby, Jr., New Cumberland, Pa., said Weath-						
erby assignor to said Dull. Desulfurizing and agglomerating comminuted ores.....	875,332	Dec. 31	6186	1289-90	131	2282
Dull, Raymond W., Aurora, Ill., assignor to Stephens-Adamson Mfg. Co. Sprocket-						
chain.....	847,983	Mar. 19	4581	1006	127	1206
Dull, Raymond W., Aurora, Ill., assignor to Stephens-Adamson Mfg. Co. Chain.....	856,398	June 11	1912	393	128	2214
Dull, Raymond W., Aurora, Ill., assignor to Stephens-Adamson Mfg. Co. Carrying-						
roll for belt conveyors, &c.....	857,610	June 25	4220	892	128	2864
Dumais, Jean B., assignor of two-thirds to W. L. and A. M. Doggett, Chicago, Ill. Ve-						
hicle-tire.....	857,876	June 25	4728	1004	128	2991
Dumas, Edward T., Chicago, Ill. Railway-crossing.....	846,190	Mar. 5	955	202-3	127	242
Dumas, Eugenio, Buenos Ayres, Argentina. Automobile and other motor-vehicle.....	858,796	July 2	761	197	129	266
Dumas, George, Walhalla, N. D. Whip-socket.....	872,059	Nov. 26	4050	970-1	131	1046
Dumbeck, Rudolph. (See Beckwith, Frank A., assignor.)						
Dumke, Charles E., <i>et al.</i> (See Haeblerl and Schmidt, assignors.)						
Dumke, Frank F., Milwaukee, Wis. Shoe-fastening.....	864,774	Sept. 3	13	4	130	6
Dummer, Edward, Newton, Mass. Sheet-registering device.....	853,628	May 14	2539	527	128	685
Dumont, Albert, Detroit, Mich. Lock-bolt.....	839,821	Jan. 1	38	9	126	11
Dumont, Maurice, Aurora, Ill., assignor to Crompton & Knowles Loom Works. Pro-						
jector mechanism for looms.....	861,642	July 30	5162	1417	129	1823
Dun, Effingham C., Sewaren, N. J. Valve.....	867,022	Sept. 24	3482	986	130	1187
Dunbar, Alexander, Liverpool, England. Stave-jointing machine.....	850,144	Apr. 16	2941	615-16	127	2408
Dunbar, Clement A., Detroit, Mich. Comb.....	864,124	Aug. 20	3146	870	129	3126
Dunbar, F. B. (See Lynn, James F., assignor.)						
Dunbar, Francis W., assignor to Kellogg Switchboard and Supply Company, Chicago,						
Ill. Telephone system.....	842,306	Jan. 29	5071	1081	126	1438
Dunbar, Francis W., assignor to Kellogg Switchboard and Supply Company, Chicago,						
Ill. Telephone trunking system.....	844,506	Feb. 19	3307	713-14	126	2692
Dunbar, Francis W., assignor to Kellogg Switchboard and Supply Company, Chicago,						
Ill. Telephone trunking system.....	845,452	Feb. 26	5432	1153	126	3255
Dunbar, Francis W., assignor to Kellogg Switchboard and Supply Company, Chicago,						
Ill. Telephone trunking system.....	846,557	Mar. 12	1683	372	127	457
Dunbar, Francis W., assignor to Kellogg Switchboard and Supply Company, Chicago,						
Ill. Telephone trunking system.....	847,984	Mar. 19	4583	1007	127	1206
Dunbar, Francis W., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill.						
Central-energy telephone system.....	870,551	Nov. 12	1063	290	131	374
Dunbar, George H., New Orleans, La. Can-closure.....	844,108	Feb. 12	2475	531	126	2444
Dunbar, Harry R. H. (See Edwards and Dunbar.)						
Dunbar, Wilmer, Akron, Ohio. Tire for vehicles.....	849,729	Apr. 9	2177	448	127	2176
Duncan, Dora, New York, N. Y. Automobile-veil.....	870,160	Nov. 5	442	122	131	145
Duncan Electric Manufacturing Company. (See Duncan, Thomas, assignor.)						
Duncan, Frank R., Ghent, Ky. Boot and shoe.....	854,571	May 21	4415	916	128	1198
Duncan, Harold M., C. H. Prichard, and C. R. Macauley, London, England, assignors to						
Lanston Monotype Machine Company, Philadelphia, Pa. Type-casting machine.....	864,087	Aug. 20	3081	850	129	3106
Duncan, Harry L., New York, N. Y. Baling-press.....	846,735	Mar. 12	2038	448-9	127	548
Duncan, Harry L., New York, N. Y. Bale of fibrous materials.....	852,015	Apr. 30	6665	1388	127	3421
Duncan, Henry J., Alpena, Mich. Rotary engine.....	866,442	Sept. 17	2602	726-7	130	879
Duncan, Inez L., Windsor, Vt. Folding device for sad-irons.....	864,459	Aug. 27	3662	1019	129	3320
Duncan, James H., assignor of one-half to J. W. Kaye, St. Louis, Mo. Potential-regulator	855,450	June 4	21	5	128	1700
Duncan, James R., New York, N. Y. Apparatus for extracting moisture from com-						
pressed air.....	853,345	May 14	1989	411	128	544
Duncan, John A., Seattle, Wash. Bucking-roll for riding-saddles.....	865,576	Sept. 10	1286	364	130	420
Duncan, John D. E., New York, N. Y. Insulator-pin mounting.....	871,490	Nov. 19	2836	714	131	830
Duncan, Joseph S., assignor to Addressograph Company, Chicago, Ill. Stencil-frame	840,052	Jan. 1	518	113	126	138
Duncan, Joseph S., assignor to Addressograph Company, Chicago, Ill. Printing de-						
vice.....	853,538	May 14	2348	489	128	636
Duncan, Joseph S., assignor to Addressograph Company, Chicago, Ill. Frame for sten-						
cils or other articles.....	853,539	May 14	2349	489	128	636
Duncan, Joseph S., assignor to Addressograph Company, Chicago, Ill. Metal type.....	853,540	May 14	2351	489	128	637

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Duncan, Joseph S., assignor to Addressograph Company, Chicago, Ill. Printing device.	856,452	June 11	2014	414	128	2239
Duncan, Joseph S., assignor to Addressograph Company, Chicago, Ill. Printing device.	857,039	June 18	3110	657	128	2553
Duncan, Joseph S., assignor to Addressograph Company, Chicago, Ill. Printing-plate.	859,053	July 2	1150	307	129	390
Duncan, Joseph S., and J. B. Hall, Chicago, Ill., assignors to Addressograph Company. Quadrat.	855,236	May 28	5777	1203	128	1574
Duncan, Louis, <i>et al.</i> (See Stone, John S., assignor.)						
Duncan, Malcolm M., <i>et al.</i> (See Law, Tomas W., assignor.)						
Duncan, Nancy P., Pittsburg, Pa. Car-fender.	846,459	Mar. 12	1496	332	127	408
Duncan, Sylena A., Neshanic Station, N. J. Dress-shield fastener.	842,087	Jan. 22	4587	986	126	1282
Duncan, Thomas, assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Making commutators.	842,829	Jan. 29	6214	1312	126	1728
Duncan, William M., Alton, Ill. Coal-washer.	841,382	Jan. 15	3209	692	126	905
Duncker, William F., assignor of two-thirds to J. Ohmit and S. Wilson, Wrightsville, Pa. Intestine-cleaner.	846,406	Mar. 5	1367	300-1	127	347
Dundas, Henry J., Leaside Junction, Ontario, Canada. Brick-truck.	869,353	Oct. 29	3378	929	130	2448
Dundore, Jacob E., Wilkinsburg, Pa. Locking hat and coat rack.	846,460	Mar. 12	1497	332	127	409
Dunfee, Justice C., Columbus City, Ind. Whip-holder for carriages.	845,167	Feb. 26	4861	1030	126	3116
Dunfield, Hiram. (See Cleavland, Charles M., assignor.)						
Dunham, Andrew A., Adams, N. Y., assignor to Casein Company of America. Evaporator.	844,715	Feb. 19	3982	846	126	2850
Dunham, Clayton A., Marshalltown, Iowa. Automatic valve.	842,637	Jan. 29	5808	1227	126	1629
Dunham, Clayton A., Marshalltown, Iowa. Thermostatic controller.	865,171	Sept. 3	615	174	130	187
Dunham, George, Unionville, Conn. Die and punch for making hexagonal nuts.	843,875	Feb. 12	2046	438	126	2340
Dunham, Justin A., assignor of one-half to C. M. Williams, Coldwater, Mich. Stock-releaser.	859,874	July 9	2398	652	129	827
Dunham, Kennon. (See Churcher, William B., assignor.)						
Dunham, Morton L., Frankville, Ontario, Canada. Railway-rail chair.	863,367	Aug. 13	2026	547	129	2749
Dunham, William G., Chicago, Ill. Car-axle-box lid.	839,922	Jan. 1	244	52	126	68
Dunham, William G., Chicago, Ill. Car-axle-box lid.	851,077	Apr. 23	4725	994	127	2904
Dünhöfter, Heinrich, Berlin, Germany. Transmission-gear for fare-indicators.	868,766	Oct. 22	2464	681	130	2138
Dünhöfter, Heinrich, Berlin, Germany. Fare-indicator.	868,767	Oct. 22	2465	681	130	2138
Dünhöfter, Heinrich, Berlin, Germany. Fare-indicator.	868,849	Oct. 22	2595	716	130	2177
Dunkel, Julius, Langfuhr, near Danzig, Germany. Jointed metal pipe.	871,577	Nov. 19	3015	751	131	859
Dunkel, Mark J., New Bloomfield, Pa. Crutch.	862,455	Aug. 6	586	155	129	2273
Dunkerley, Enoch, Jr., Vilas, Pa., assignor of one-half to F. Dunkerley, Oneida, N. Y. Combined shade and curtain bracket.	870,348	Nov. 5	754	202	131	248
Dunkerley, Fredrick. (See Dunkerley, Enoch, Jr., assignor.)						
Dunkle, David P., and J. N. Whetstone, Keokuk, Iowa. Railway-tie.	854,155	May 21	3637	752	128	997
Dunklin, Raphael P., <i>et al.</i> (See Law, Tomas W., assignor.)						
Dunks, Jesse C., Boulder, Mont. Bit.	856,574	June 11	2248	462	128	2296
Dunlap, Frederick H., Girard, Ohio. Machine for sealing envelopes.	861,955	July 30	5640	1563-4	129	1976
Dunlap, John A., Nashua, N. H. Package-display rack.	866,634	Sept. 24	2881	814	130	995
Dunlap, John S., Chicago, Ill. Combined egg and cake beater.	845,341	Feb. 26	5218	1107	126	3204
Dunlap, John S., Chicago, Ill. Nutmeg-grater.	861,359	July 30	4722	1289	129	1687
Dunlap, John S., Chicago, Ill. Coffee-pot.	871,491	Nov. 19	2838	714	131	830
Dunlap, John S., Chicago, Ill. Coffee-pot.	871,492	Nov. 19	2839	714	131	830
Dunlap, Joseph B., Tulsa, Ind. Ter. Pulley.	853,006	May 7	1309	273	128	332
Dunlap, Nora, Chicago, Ill. Bust-girdle.	856,232	June 11	1516	319	128	2110
Dunlap, Simon L., assignor of one-tenth to N. M. Taylor, Indianapolis, Ind. Removable calk for horseshoes.	860,453	July 16	3284	897	129	1149
Dunlap, Sylvester M. (See Cummings and Dunlap.)						
Dunlap, William A., Pittsburg, Pa. Enameled ware.	868,078	Oct. 15	1363	382	130	1772
Dunmire, James W., Newton, Iowa. Washing-machine.	861,022	July 23	4191	1148	129	1476
Dunmore, George W., Sterling, Ill. Concrete-building-block machine.	848,091	Mar. 26	4802	1047	127	1300
Dunn, Augusta D., Sanford, Fla. Counting-board.	856,041	June 4	1140	239	128	1982
Dunn, Charles B., <i>et al.</i> , executors. (See Sellers and Coppage.)						
Dunn, Clifford E., <i>et al.</i> , trustees. (See Esser, Christian, assignor.)						
Dunn, Clifford E., New York, N. Y., assignor to E. P. Metcalf, Providence, R. I., A. Loewenthal, New York, and C. E. Dunn, Brooklyn, N. Y., trustees. Machine for reducing peat turf into half-stuff.	868,256	Oct. 15	1618	457-8	130	1850
Dunn, Edward B., Worcester, Mass. Box-strapping reel.	862,319	Aug. 6	352	97	129	2194
Dunn, Frank P., assignor of one-fourth to G. P. Louiso, one-fifth to H. F. Dunn, one-eighth to M. Dunn, and one-eighth to E. W. Louiso, Anderson, Ind. Scale.	856,998	June 11	3031	638	128	2494
Dunn, Gano S., East Orange, assignor to Crocker-Wheeler Company, Ampere, N. J. Belt-tightening idler.	855,237	May 28	5778	1204	128	1574
Dunn, George B., Brockton, assignor to C. G. Burbank, Somerville, Mass. Shoe-polishing device.	843,562	Feb. 5	1467	309	126	2158
Dunn, George F., Brockton, assignor to W. B. Arnold, North Abington, Mass. Shank-stiffener.	861,166	July 23	4384	1203	129	1540
Dunn, George F., Brockton, assignor, by mesne assignments, to Boston Machine Works Company, Boston, Mass. Vamp-folding machine.	870,942	Nov. 12	1719	470-1	131	587
Dunn, George W., Newport, Ky. Wall and ceiling decoration.	871,211	Nov. 19	2213	585	131	736
Dunn, Harold E., <i>et al.</i> (See Dunn and Taylor, assignors.)						
Dunn, Henry F., <i>et al.</i> (See Dunn, Frank P., assignor.)						
Dunn, Herbert L., Hopedale, Mass. Metallic structural element for buildings.	840,053	Jan. 1	519	113	126	139
Dunn, James. (See Hess and Dunn.)						
Dunn, James, assignor to McNeely Company, Philadelphia, Pa. Fleshing and slating machine.	845,768	Mar. 5	72	15	127	22
Dunn, James F. (See Howard and Dunn.)						
Dunn, James L., Montpelier, Cal. Pencil-holder.	870,716	Nov. 12	1339	365	131	471
Dunn, John J., New York, N. Y. Bed.	873,357	Dec. 10	2181	455	131	1544
Dunn, John V., Provo, Utah. Gate-hinge.	865,243	Sept. 3	729	209	130	220
Dunn, Lemuel E. (See Tatum, Cicero J., assignor.)						
Dunn, Lemuel J., Spencer, Ind. Lifting-jack.	844,784	Feb. 19	4130	880-1	126	2891
Dunn, Louis, St. Paul, Minn. Safety device for point-switches.	867,709	Oct. 8	734	205-6	130	1558
Dunn, Martin, <i>et al.</i> (See Dunn, Frank P., assignor.)						
Dunn, Michael, Columbus, Ohio. Pressure-gage.	845,065	Feb. 26	4663	990-1	126	3064
Dunn, Patrick T., New York, N. Y. Coin-holder.	851,078	Apr. 23	4727	994	127	2905
Dunn, William B., Jr., and J. Taylor, Jr., assignors of five-sevenths to J. Hammond, J. W. Jones, H. E. Dunn, L. A. Williams, and J. F. Sellers, Washington, D. C. Household cleaning appliance.	843,590	Feb. 12	1514	321	126	2204
Dunn, William C., Brooklyn, N. Y. Device for advertising effervescent liquids.	842,830	Jan. 29	6216	1312	126	1728
Dunn, William E., Brooklyn, N. Y. Rail brace or clamp.	858,861	July 2	872	227	129	300
Dunn, William H., Chicago, Ill. Cleansing-machine.	851,736	Apr. 30	6081	1271	127	3273
Dunn, William J., Montreal, Quebec, Canada. Loose-leaf binder.	862,144	Aug. 6	37	10	129	2093
Dünneber, Max R., Dresden, assignor to C. Herzberg, Cologne, Germany. Machine for manufacturing envelopes.	873,520	Dec. 10	2485	524-5	131	1599
Dunnigan James W., Altoona, Pa. Railway-tie.	846,785	Mar. 12	2144	471	127	575

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Dunning, Carroll H., New York, N. Y. Machine for shaping paper.....	843,138	Feb. 5	608	129	126	1950
Dunning, Edward C. (See Sprague and Dunning.)						
Dunning, Halsey H., Marysville, Cal. Grain and seed cleaner.....	854,987	May 28	5255	1094-5	128	1441
Dunning, Samuel W., assignor of one-half to W. C. Dittman, Milwaukee, Wis. Sifter for ashes, &c.....	871,862	Nov. 26	3600	880	131	981
Dunning, Thomas J., Chatfield, Minn. Lawn-mower.....	873,033	Dec. 10	1532	320-1	131	1438
Dunnington, Nathan S., Leavenworth, Kans. Tent-stake.....	839,822	Jan. 1	39	9	126	12
Dunott, Charles B., assignor to Auto Manual Piano Action Company, Philadelphia, Pa. Automatic playing mechanism for musical instruments.....	841,383	Jan. 15	3211	692-3	126	905
Dunsmore, John M., Thayer, Kans. Picture-projecting apparatus.....	851,589	Apr. 23	5770	1206-7	127	3165
Dunst, Frank J. (See Peterson, Alfred, assignor.)						
Dunstan, George E., Lorain, Ohio. Double-flange trap and sink.....	873,120	Dec. 10	1707	356	131	1467
Dunstan, James H., Susanville, Oreg. Bottle.....	850,741	Apr. 16	4090	855	127	2703
Dunston, Robert P. (See Griffin, Fitz Roy N., assignor.)						
Dunstone, Harry T., Hubbell, Mich. Kettle-lid.....	856,453	June 11	2015	414	128	2239
Duntley, William O., assignor to Chicago Pneumatic Tool Company, Chicago, Ill. Lubricator.....	866,921	Sept. 24	3321	938	130	1136
Duntley, William O., assignor to Chicago Pneumatic Tool Company, Chicago, Ill. Engine.....	866,922	Sept. 24	3322	939	130	1137
Duntley, William O., Chicago, Ill., and G. H. Hayes, Philadelphia, Pa., assignors, by mesne assignments, to Chicago Pneumatic Tool Company. Engine.....	871,086	Nov. 12	1933	529-31	131	654
Dunwoody, Henry H. C., Washington, D. C. Wireless-telegraph system.....	854,813	May 28	4903	1019	128	1349
Duplessis, Mary, New Orleans, La. Satchel.....	856,042	June 4	1141	240	128	1982
Duplex Metals Company. (See Monnot, John F., assignor.)						
Duplex Printing Press Company. (See Bechman, Henry F., assignor.)						
Duplex Typeline Company. (See Kietzker and Goessel, assignors.)						
Dupont, Amos, Champlain, N. Y. Shade-roller support.....	856,521	June 11	2131	438	128	2267
Dupré, Wilfred, assignor to H. W. Goddard, Worcester, Mass. Blind hinge and fastener.....	862,320	Aug. 6	353	97	129	2194
Dupre, Wilfred, assignor of forty-eight fiftieths to H. H. O'Rourke, Worcester, Mass. Street-sweeper.....	871,212	Nov. 19	2214	585-6	131	736
Dupuis, J. B. (See Renaud, Ernest, assignor.)						
Dupuy, Arthur O., East Bridgewater, Mass. Drying apparatus.....	863,704	Aug. 20	2510	692-3	129	2931
Duquesne Glass Co. (See Croskey, John H., assignor.)						
Duquett, Maxim A., assignor to J. M. Skinner Bending Company, Toledo, Ohio. Machine for trimming and wiring wheelbarrow-trays.....	854,691	May 21	4641	967-8	128	1254
Durage, Jules J. (See Bevier and Durage.)						
Durand, Alexander, Toledo, Ohio. Metallic railway-tie.....	847,745	Mar. 19	4076	891	127	1086
Durand, Henry S., Rochester, N. Y. Heater.....	851,002	Apr. 23	4586	961	127	2868
Durand, Nelson C., East Orange, assignor to New Jersey Patent Company, West Orange, N. J. Dictation memorandum-sheet.....	865,025	Sept. 3	416	110	130	128
Durand, Nelson C., East Orange, and E. L. Aiken, Orange, assignors to New Jersey Patent Company, West Orange, N. J. Phonograph.....	855,622	June 4	343	70	128	1782
Durand, Norbert, assignor of one-half to J. Carpenter and E. P. Ekegren, Range, Wis. Breast-strap slide.....	869,234	Oct. 29	3175	874	130	2385
Durando, Pascal, Lyon, France. Machine for manufacturing celluloid combs.....	857,387	June 18	3776	798-801	128	2722
Durant, Walter N., Los Angeles, Cal. Lubricator.....	875,657	Dec. 31	6919	1441	131	2388
Durant, William H., Concord, N. H. Sliding-door fastener.....	842,535	Jan. 29	5589	1183	126	1575
Durbin, Charles R., et al. (See McLane, Joseph A., assignor.)						
Durbrow Filtration Company. (See Durbrow, George W., assignor.)						
Durbrow, George W., Indio, Cal., assignor to Durbrow Filtration Company, Yuma, Ariz. Ter. Submerged filter.....	869,558	Oct. 29	3719	1018	130	2554
Durell, George M., Toledo, Ohio. Gage attachment for lead-cutters.....	860,739	July 23	3732	1023	129	1328
Duret, Francois, Paris, France. Disinfection.....	855,942	June 4	968	201	128	1938
Durfee, Elmer W., Bingham Canyon, Utah. Mucking-machine.....	863,368	Aug. 13	2027	547	129	2748
Durfee Embalming Fluid Company. (See Brown, Ernst, and Canouts, assignors.)						
Durfinger, Oliver L., Indianapolis, Ind. Sash-lock.....	840,758	Jan. 8	1947	429	126	540
Durham Buggy Company. (See Behlen, Charles A., assignor.)						
Durham, Richard T., Richmond, Va. Grocer's cabinet.....	872,225	Nov. 26	4392	1044	131	1102
Durham, Samuel B., Beaver Creek, Ill. Bag-holder.....	860,646	July 23	3598	986	129	1286
Durham, Thomas C. (See Prescott, Sydney I., assignor.)						
Durham, Thomas C., New York, N. Y. Razor.....	854,814	May 28	4904	1020	128	1349
Durham, Thomas C., New York, N. Y. Razor.....	855,561	June 4	224	44	128	1753
Durio, Achille. (See Durio and Martina.)						
Durio, Giacomo and A., and G. Martina, Turin, Italy. Making leather tires.....	857,726	June 25	4446	939	128	2922
Durkee, Franklin C. (See Gunn, Gustave J., assignor.)						
Durkee, Lafayette, and G. Walter, Los Angeles, Cal. Oil and water well valve.....	858,647	July 2	509	131	129	177
Durler, William F., Allegheny, Pa. Metallic tie and rail-fastener.....	853,869	May 14	3033	623	128	808
Durley, Richard J. (See Cape and Durley.)						
Durner, Augustus E., Evansville, Wis. Combined punch and shear.....	861,578	July 30	5066	1390	129	1793
Durning, Joseph S., assignor to J. O. Bower, Avalon, Pa. Post-hole digger.....	843,800	Feb. 12	1899	407	126	2304
Duross, Patrick F., Flushing, N. Y. Trolley-pole attachment.....	861,956	July 30	5641	1564	129	1967
Durr, Fritz, Karlsruhe, Germany. Controlling device for gas-generators.....	846,018	Mar. 5	614	128	127	158
Durst, Alfred H., Syracuse, N. Y. Gun-cleaning tool.....	864,837	Sept. 3	116	32	130	37
Duryea, Charles E., Reading, Pa. Cooling device for combustion-engines.....	848,886	Apr. 2	583	117	127	1738
Duryea, Charles E., Reading, Pa. Magnetic igniter.....	872,503	Dec. 3	387	81	131	1229
Duryea, Charles E., Reading, Pa. Pneumatic tire.....	875,053	Dec. 31	5634	1176	131	2194
Duryea, James F., Springfield, Mass. Internal-combustion engine.....	869,887	Nov. 5	22	6	131	9
Duryea, Otho C. (See White and Duryea.)						
Duryea, Otho C., assignor to National Gas Drill Co., Los Angeles, Cal. Means for circulating a cooling medium in gas-actuated rock-drills.....	846,407	Mar. 5	1370	301	127	348
Duryea, Otho C., Brooklyn, N. Y., assignor to National Gas Drill Company. Means for supplying explosive vapors for operating rock-drills.....	858,586	July 2	389	101	129	138
Duryea, Otho C., and M. C. White, Los Angeles, Cal., assignors to National Gas Drill Company. Self-contained rock-drill.....	841,001	Jan. 8	2420	529	126	658
Dusenbery, Albert W., Ionia, Kans. Draft-elevator.....	874,664	Dec. 24	4834	1015	131	2042
Dusenbury, William H., New York, N. Y. Dog-muzzle.....	872,279	Nov. 26	4484	1065	131	1118
Dushane, James. (See Knoblock and Dushane.)						
Dussean, Cornelius, Toledo, Ohio. Beet-harvester.....	840,482	Jan. 8	1412	311	126	407
Dustin, Fred G., Minneapolis, Minn. Governor-controlled safety-shutter for moving-picture machines.....	863,517	Aug. 13	2233	604	129	2811
Dutcher, Frank, Versailles, assignor to American Fog Signal Company, Pittsburg, Pa. Railway signal-fuse.....	853,777	May 14	2843	585	128	765
Dutchess Tool Company. (See Folsom, John T., assignor.)						
Dutemple, William R., Auburn, R. I. Collar-fastener.....	863,161	Aug. 13	1711	460	129	2648
Dutrieux, Arthur, Le Quesnoy, France. Shock-absorber for motor-cars.....	871,329	Nov. 19	2482	641	131	777
Dutton, Samuel F., assignor of one-half to F. B. and E. J. Nebel, Detroit, Mich. Nail-driving tool.....	875,658	Dec. 31	6921	1441	131	2389

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Duvanel, John A. (See Mohr and Duvanel.)						
Duvel, Joseph W. T. (See Brown and Duvel.)						
Dwiggins Wire Fence Company. (See Swank, Lafe, assignor.)						
Dwyer, Emmett F., Lima, and J. V. Conner, Cadiz, Ohio. Toilet-seat for children.....	863,518	Aug. 13	2234	604	129	2811
Dwyer, Michael, <i>et al.</i> (See Bergmann, Charles, assignor.)						
Dwyer, Philip, and J. Ottmann, New York, N. Y. Non-refillable bottle	872,913	Dec. 3	1249	266	131	1363
Dwyer, Thomas E., Wakefield, Mass. Making composite pipe	868,418	Oct. 15	1889	530	130	1931
Dybdal, Tosten E., <i>et al.</i> (See Boyer, Martin, assignor.)						
Dye, Daniel C. (See Watkins and Dye.)						
Dye, Joseph O. (See Goodfellow, Moore, assignor.)						
Dye Works, formerly L. Durand Huguenin & Co. (See De la Harpe, Charles, assignor.)						
Dye-Works, formerly L. Durand, Huguenin & Co. (See De la Harpe and Burckhardt, assignors.)						
Dye Works formerly L. Durand Huguenin & Co. (See Lorétan, Herman, assignor.)						
Dyer, Arthur, Deephaven, Minn. Line-holder	858,374	July 2	19	7	129	8
Dyer, Arthur, Deephaven, Minn. Line-fastener	870,022	Nov. 5	236	63	131	82
Dyer, Charles E., Mulberry, Ark., assignor of one-half to J. W. Hansel. Egg-tester	860,194	July 16	2882	788	129	1017
Dyer Company. (See Dyer, Harold P., assignor.)						
Dyer, David H., Wilkinsburg, assignor of one-fourth to G. R. Willett, Pittsburg, Pa. Piston	866,443	Sept. 17	2604	727	130	879
Dyer, Ernest L., Seattle, Wash. Means for supporting and releasing retaining-stakes....	866,344	Sept. 17	2470	689-90	130	834
Dyer, Frank L. (See Aylsworth and Dyer.)						
Dyer, Frank L., Montclair, and D. Holden, Orange, assignors to Edison Manufacturing Company, West Orange, N. J. Exhibiting apparatus for moving pictures	854,199	May 21	3731	772	128	1024
Dyer, Frank L., Montclair, and D. Holden, Upper Montclair, assignors to Edison Manufacturing Company, West Orange, N. J. Moving-picture film	875,333	Dec. 31	6187	1290	131	2282
Dyer, Harold P., assignor to Dyer Company, Cleveland, Ohio. Pressure regulator and reducer	871,260	Nov. 19	2316	605	131	752
Dyer, Harry G., Gloucester, N. J. Electric indicator for trains	861,715	July 30	5209	1449-50	129	1853
Dyer, Harry G., Gloucester City, assignor of one-half to W. J. Van Meter, Gloucester, N. J. Trolley-wire hanger or ear	864,520	Aug. 27	3772	1048	129	3354
Dyer, Leonard H., East Orange, N. J. Steering-gear	850,145	Apr. 16	2945	617	127	2408
Dyer, Marcus, and R. C. Elliott, Terre Haute, Ind. Oil-gas burner	864,629	Aug. 27	3962	1099	129	3410
Dyer, Richard N. (See Taylor, Jenks, and Dyer.)						
Dyer, Samuel, assignor to Glascock Bros. Mfg. Co., Muncie, Ind. Vehicle	859,171	July 2	1323	351-2	129	446
Dyer, William, <i>et al.</i> (See Viol, John H., assignor.)						
Dyett, Frank J., Iilon, N. Y. Type-writing machine	845,066	Feb. 26	4664	991	126	3064
Dyett, Frank J., Iilon, N. Y. Type-writer	859,490	July 9	1809	486	129	639
Dyett, James H., Buffalo, N. Y., assignor to Hard Manufacturing Company. Couch-bedstead	850,121	Apr. 9	2895	604	127	2356
Dyke, Henry S., Milborne Port, England. Glove-fastener	847,920	Mar. 19	4458	977	127	1177
Dykes, Hugh J., Berkeley, Cal. Railway-spike	874,055	Dec. 17	3564	759	131	1809
Dykstra, August. (See Bell and Dykstra.)						
Dziedzic, Andrew, Pasadena, Cal. Propeller	849,533	Apr. 9	1839	372	127	2093
E. Children's Sons Manufacturing Co. (See Anderson, David F., assignor.)						
E. Clemens Horst Co. (See Clemens and Ehrhorn, assignors.)						
E. Clemens Horst Co. (See Horst and Ehrhorn, assignors.)						
E. Goldman & Co. (See Gohrband, Bernard, assignor.)						
E. Goldman & Company. (See Norkewitz, Max W., assignor.)						
E. Goldman & Company. (See Paul, John T. H., assignor.)						
E. Goldman & Company. (See Warshilsky, Harry, assignor.)						
E. Green and Son. (See Kershaw, Louis W., assignor.)						
E. Green and Son. (See Slade, Harry, assignor.)						
E. Ingraham Co. (See Porter, Arthur H., assignor.)						
E. Ingraham Co. (See Stockton and Porter, assignors.)						
E. Jenckes Manufacturing Company. (See Groupe, Andrew V., assignor.)						
E. Kirstein Sons Co. <i>et al.</i> (See Becker, Louis B., assignor.)						
E. Kirstein Sons Co. <i>et al.</i> (See Bemis, Wallace L., assignor.)						
E. Kirstein Sons Company. (See Bader, Gustav A., assignor.)						
E. Kirstein Sons Company <i>et al.</i> (See Bader, Gustav A., assignor.)						
E. Van Noorden Company. (See Van Noorden, Ezekiel, assignor.)						
E. A. Bender & Company. (See Bender, Edward A., assignor.)						
E. C. Atkins & Co. (See Frazee, Cassius F., assignor.)						
E. C. Atkins & Company. (See Wallace, Thomas L., assignor.)						
E. C. Cook & Bro. (See Reuter, Herman C., assignor.)						
E. C. Fuller Company. (See Sturtevant, Charles A., assignor.)						
E. C. Stearns & Co. (See Schneeloch, August, assignor.)						
E. C. Stearns & Co. <i>et al.</i> (See Schneeloch, August, assignor.)						
E. C. Stearns & Company. (See Potter, William M., assignor.)						
E. H. Huenefeld Company. (See Flannery, Michael A., assignor.)						
E. H. Huenefeld Company. (See Pross, George F., assignor.)						
E. H. Jacobs Manufacturing Company. (See Hyde, Charles A., assignor.)						
E. H. Stafford Manufacturing Company. (See Field, John F., assignor.)						
E. I. du Pont de Nemours Powder Company. (See Broadwater, Luke H., assignor.)						
E. I. du Pont de Nemours Powder Company. (See Chesney, John, assignor.)						
E. I. du Pont de Nemours Powder Company. (See Du Pont, Francis I., assignor.)						
E. I. du Pont de Nemours Powder Company. (See La Motte, Arthur, assignor.)						
E. I. du Pont de Nemours Powder Company. (See Sparre, Fin, assignor.)						
E. I. Horsman Co. (See Hoyt, William H., assignor.)						
E. J. Wilkins Company. (See Wilkins, Elbert J., assignor.)						
E. M. Hulse Company. (See Finckel, George M., assignor.)						
E. N. Rowell Company. (See Rowell and Little, assignors.)						
E. O. Linton Manufacturing Company <i>et al.</i> (See Linton, Ernest O., assignor.)						
E. R. Squibb & Sons. (See Ferguson, Robert H., assignor.)						
E. R. Thomas Motor Company. (See Hass, Herman J., assignor.)						
E. R. Thomas Motor Company. (See Hass, Nehrbas, and Short, assignors.)						
E. and T. Fairbanks and Company. (See Betz, Eugene, assignor.)						
E. and T. Fairbanks and Company. (See Gagnon, Thomas, assignor.)						
E. and T. Fairbanks and Company. (See Sargent, Willis H., assignor.)						
E. W. Bliss Company. (See Beyer, Otto S., assignor.)						
E. W. Bliss Company. (See Eden, James A., Jr., assignor.)						
E. W. Bliss Company. (See Klocke, William H., assignor.)						
E. W. Bliss Company. (See Page, Frank C. B., assignor.)						
E. W. Bliss Company. (See Rigby, John J., assignor.)						
E. W. Ross Company. (See Ross, Elmore P., assignor.)						
Eachus, Holton, assignor to Fairbank Canning Company, Chicago, Ill. Machine for applying solder to can-tops	842,187	Jan. 29	4831	1031-2	126	1378

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Eacrett, William, assignor of one-half to C. W. Smith, Toronto, Ontario, Canada. Credit-account-filing device.	875,054	Dec. 31	5636	1176	131	2194
Eagan, John J., San Francisco, Cal. System for transmitting electric currents to cars.	848,730	Apr. 2	219	44	127	1645
Eagelman, Charles F., Geigers Mills, Pa. Burial-casket.	842,831	Jan. 29	6217	1313	126	1729
Eagle Generator Company. (See Einstein, Alfred C., assignor.)						
Eagle Lock Co. See Murphy, James, assignor.)						
Eagle Lock Co. (See Murphy, James J., assignor.)						
Eagle Lock Co. (See Roche, James, assignor.)						
Eagle Lock Co. (See Ryan, Philip C., assignor.)						
Eagle Pencil Company. (See Boman, Claes W., assignor.)						
Eagle Pencil Company. (See McIntyre, Frank, assignor.)						
Eagle Square Manufacturing Company. (See Cole, Llewellyn W., assignor.)						
Eagle Wagon Works. (See Avery, Courtney C., assignor.)						
Eagleton, Mariette E., Three Rivers, Mich. Bag-holder.	851,873	Apr. 30	6363	1327	127	3347
Eales, Allen M., <i>et al.</i> (See Broad, Harry L., assignor.)						
Eales, John F., <i>et al.</i> (See Broad, Harry L., assignor.)						
Eaman, James T. (See McMann, John W., assignor.)						
Eames, John M., Medford, Mass. Combination weed gatherer and cutter.	853,072	May 7	1426	297-8	128	362
Eames, Prescott W., Delphos, Kans. Time-controlling mechanism.	854,726	May 28	4731	984	128	1306
Earhart, Isaac S., near Caldwell, Kans. Water-trough.	873,162	Dec. 31	5841	1219	131	2228
Earhart Steel and Iron Works. (See Earhart, Thomas B., assignor.)						
Earhart, Thomas B., assignor to Earhart Steel and Iron Works, Sacramento, Cal. Thread-cutting machine.	855,051	May 28	5399	1122	128	1478
Earl, Benjamin F., Boston, assignor of one-half to F. W. Tirrell, Quincy, Mass. Window-stage.	841,076	Jan. 22	3775	820	126	1083
Earle, James T., Latonia, Ky. Automatic identification-stamp.	848,887	Apr. 2	588	117	127	1739
Earle, Wilfred N. (See Magee and Earle.)						
Earles, Benjamin F. (See Curd, Thomas E., assignor.)						
Earles, James W., Fort Hancock, N. J. Omnigraph.	847,921	Mar. 19	4459	977	127	1177
Earley, Christie P., Auburn, Mass. Foot-rest.	873,521	Dec. 10	2492	525	131	1599
Earley, James O., Jr., Richmond, Va. Whistle-organ.	847,169	Mar. 12	2889	636	127	760
Earll, Charles I., New York, N. Y. Trolley-retriever.	857,040	June 18	3112	657-8	128	2553
Earll, Charles I., assignor to John Monks & Sons, New York, N. Y. Air-lock for caissons.	859,931	July 16	2486	675-6	129	887
Early, James M., Indiana, Pa. Fertilizer and lime distributor.	848,540	Mar. 26	5637	1234-5	127	1507
Early, John A., Batchtown, Ill. Engineer's transit.	840,923	Jan. 8	2275	500	126	621
Earnest, James C., Bedford, Pa. Keeper for harness-straps.	863,519	Aug. 13	2235	604	129	2811
Earnheart, William P., Wilkinsburg, assignor to C. F. Dickinson, Pittsburg, Pa. Mold.	840,924	Jan. 8	2275	500	126	621
Earnshaw, Elmer E., New York, N. Y., assignor to National Cigar Stands Company, Jersey City, N. J. Coupling for converging ends of canopy-standards for show-cases, &c.	840,483	Jan. 8	1414	312	126	407
Earnshaw, Henry P. J., Hyde Park, Mass. Heating-boiler.	861,167	July 23	4385	1204	129	1541
Earnshaw, Louis P. (See Mendenhall, Charles E., assignor.)						
Earp-Thomas, George H., Toronto, Ontario, Canada. Growing and distributing nitro-gathering bacteria.	865,965	Sept. 10	1888	529	130	619
Earthom, Oscar N., and T. Gallaher, Adena, assignors of one-third to G. W. Tidrich, Dillonvale, Ohio. Mine-door.	870,420	Nov. 5	876	235	131	283
Easdale, George, Ottawa, Ontario, assignor of two-thirds to Z. C. and H. G. Ketchum, Ottawa, Canada. Target.	840,610	Jan. 8	1672	397	126	472
Eason, Frederick, Beeston, and T. J. Biggs, Nottingham, assignors of one-third to Humber Limited, Beeston, England. Variable-speed gearing.	864,233	Aug. 27	3315	918-19	129	3208
East Hampton Bell Co. (See Kidney, Josiah R., assignor.)						
East, John F., Norfolk, Va. Barrel.	841,002	Jan. 8	2423	530	126	658
East, John F., Norfolk, Va. Barrel-cover.	872,614	Dec. 3	616	130	131	1264
Easterling, Robert W., Yoakum, assignor of two-thirds to T. J. King and S. V. Wood, Brady, McCulloch county, Tex. Hay-press.	870,023	Nov. 5	237	63	131	82
Eastern Dynamite Company. (See Holmes, Fletcher B., assignor.)						
Eastham, George, Chicago, Ill. Automatic cut-out.	860,907	July 23	3993	1094	129	1414
Eastham, James. (See Donohue, John F., assignor.)						
Eastman, Albert N., Chicago, Ill. Shears.	858,359	June 25	5733	1222	128	3252
Eastman, Ernest A., Chicago, Ill., assignor of one-half to Crawford, McGregor & Canby Company, Dayton, Ohio. Last.	857,552	June 18	4095	869	128	2803
Eastman, Ernest A., Chicago, Ill., assignor of one-half to W. H. Crawford, Dayton, Ohio. Self stretching or shaping shoe.	872,615	Dec. 3	618	130	131	1264
Eastman, H. A. (See Fate, John L., assignor.)						
Eastman, Harry E., assignor to L. Goldback and E. W. Krouse, Richmond, Va. Trolley-stand.	847,170	Mar. 12	2890	636-	127	760
Eastman, Herbert C. (See Bawden and Hoskin, assignors.)						
Eastman, John B. (See Osterholm and Eastman.)						
Eastman Kodak Company. (See Barnes, Frederick W., assignor.)						
Eastman Kodak Company. (See Brownell, Frank A., assignor.)						
Eastman Kodak Company. (See Gaffney, Augustine, assignor.)						
Eastman Machine Company. (See Clark, Frederick J., assignor.)						
Eastman, Ruby G., assignor to National Sweeper Company, Marion, Ind. Roller-bearing.	848,642	Apr. 2	41	9	127	1595
Easton, Alaxander D., assignor to National Disinfectant Company, Cincinnati, Ohio. Apparatus for applying disinfectants to water-closets.	846,831	Mar. 12	2242	493	127	831
Easton and Burnham Machine Company. (See Hawes, Colin A., assignor.)						
Eastwood, Arthur C., Cleveland, Ohio. Cut-out switch for series-parallel controllers.	859,551	July 9	1907	512	129	678
Eastwood, Arthur C., Cleveland, Ohio. Series-parallel controller.	867,809	Oct. 8	893	253-5	130	1006
Eastwood, Arthur C., Cleveland, Ohio. Automatic accelerating-controller.	867,810	Oct. 8	897	255	130	1607
Eastwood, Arthur C., Cleveland, Ohio. Automatic cut-out for electric controllers.	873,737	Dec. 17	2930	621	131	1705
Eaton, Arthur W., Boston, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Hand-tacker.	856,399	June 11	1914	393	128	2214
Eaton, Charles A. (See Coutts, James R., assignor.)						
Eaton, Charles H., Ridgionville, Me. Grate-bar.	849,986	Apr. 9	2644	553	127	2295
Eaton, Clarence L., Rochester, N. Y. Insole.	861,360	July 30	4723	1290	129	1617
Eaton, Clarence L., Worcester, Mass. Machine for making insoles.	861,361	July 30	4725	1290-1	129	1687
Eaton, George E., Corning, N. Y. Drill.	839,824	Jan. 1	42	10	126	12
Eaton, James B., Fargo, N. D. Apparatus for treating cattle.	870,766	Nov. 12	1427	387-8	131	495
Eaton, Richard M., assignor to Keystone Telephone Company, Philadelphia, Pa. Telephone system.	843,078	Feb. 5	486	102	126	1918
Eaton, Thomas. (See Taylor, Eaton, and Schwarz.)						
Eaton, Warren V., Kansas City, Mo. Garment-collar.	872,914	Dec. 3	1250	266	131	1364
Ebel, John V., Pittsburg, Pa. Machine for manufacturing macaroni, &c.	855,438	May 28	6129	1281	128	1659
Eberhard, Charles F., Newark, N. J. Dispensing can or receptacle.	867,023	Sept. 24	3484	986	130	1187

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Eberhardt Brothers Machine Company. (See Eberhardt, Henry E. and E. G., assignors.)						
Eberhardt, Elmer G. (See Eberhardt, Henry E. and E. G.)						
Eberhardt, Frederick L., Newark, N. J. Gear-cutter.	874,886	Dec. 24	5249	1105	131	2112
Eberhardt, Henry E. and E. G., assignors to Eberhardt Brothers Machine Company, Newark, N. J. Framing for gear-cutters.	858,164	June 25	5352	1137-8	128	3150
Eberhardt, Frederick G., Jr., assignor to Mishawaka Woolen Manufacturing Company, Mishawaka, Ind. Knit boot.	846,986	Mar. 12	2547	561	127	678
Eberle, John M. (See Shaw and Eberle.)						
Ebersole, Cyrus P., Keokuk, Iowa, assignor to Electric Service Supplies Company, Camden, N. J. Controller-regulator.	874,173	Dec. 17	3831	808	131	1847
Ebersole, Raphael E., Roanoke, Ind. Garment-supporter.	863,970	Aug. 20	2916	803	129	3056
Eberson, Alexander A. (See Lemcke, Louis, assignor.)						
Eberson, Alexander A., St. Louis, Mo. Paint compound.	862,888	Aug. 13	1289		129	2513
Ebert, Adolf G. P., Pittsburg, Pa. Puzzle.	844,716	Feb. 19	3983	847	126	2850
Ebert, Edmund L. (See Aldrich, Frank, assignor.)						
Ebert, Franz, Leipzig, Germany. Manufacture of sign-board letters and the like.	861,716	July 30	5271	1450	129	1853
Ebert, Otto, Cleveland, Ohio. Rotary engine.	864,294	Aug. 27	3410	947	129	3236
Ebert, Wolfgang E., St. Louis, Mo. System of electric control.	558,797	July 2	761	198-9	129	267
Ebert, Wolfgang E., St. Louis, Mo. Annunciator system.	862,723	Aug. 6	1029	276	129	2400
Ebingerhaus, Emil, and A. Schumacher, Gevelsberg, Germany. Rolling-mill.	873,997	Dec. 17	3437	731	131	1790
Ebken, John G., Pittsburg, Pa. Vehicle-brake.	868,170	Oct. 15	1485	420	130	1809
Ebner, Fredrick, La Crosse, Wis. Street-cleaning machine.	839,823	Jan. 1	40	9-10	126	12
Ebner, Peter, Columbus, Ohio. Vehicle-rim.	848,017	Mar. 26	4679	1020	127	1269
Ebner, Peter, Columbus, Ohio. Wheel rim and tire.	853,299	May 14	1901	395	128	519
Ebner, Peter, Columbus, Ohio. Wheel.	859,440	July 9	1739	464	129	617
Eby, Henry C. (See Hoeregott and Eby.)						
Eby Manufacturing Company. (See De Jarnette, James F., assignor.)						
Eby, Perry J., Trotwood, Ohio. Fruit-corer.	861,442	July 30	4872	1335	129	1730
Ecaubert, Frederic. (See Whitney and Ecaubert.)						
Eccles, Richard, Auburn, N. Y. Thill-coupling.	856,233	June 11	1517	319	128	2110
Eccleston, S Spencer, assignor of one-half to G. B. Williams, Syracuse, N. Y. Broiler.	861,168	July 23	4387	1204	129	1541
Eck, Eduard, Gross-Anheim, and E. Bechtel, assignors to Hanauer Kunstseidefabrik, Hanau, Germany. Manufacturing cellulose products.	839,825	Jan. 1	43		126	13
Eck, Eduard, Gross Anheim, and E. Bechtel, assignors to Hanauer Kunstseidefabrik, Hanau, Germany. Solution of cellulose.	840,611	Jan. 8	1674		126	473
Eck, George. (See Perry, Milo B., assignor.)						
Eckard, Theodore, Baltimore, Md. Cigar-gage.	861,443	July 30	4873	1335	129	1730
Eckart, Edmund, New Rochelle, N. Y. Can-closure.	868,850	Oct. 22	2597	717	130	2178
Eckart, Edmund, New Rochelle, N. Y. Card-index.	873,305	Dec. 10	2067	432	131	1526
Eckart, Edmund, New Rochelle, assignor to Gerstendorfer Bros., New York, N. Y. Can.	840,484	Jan. 8	1415	312	126	407
Eckart, Friedrich, Rommerode, Germany. Freezing apparatus.	856,234	June 11	1518	319	128	2110
Eckberg, Carl W., Mohall, N. D. Safety riding attachment for plows.	865,876	Sept. 10	1759	490	130	581
Eckel, George, and W. H. Tegeder, Indianapolis, Ind. Overalls.	843,876	Feb. 12	2048	438	126	2340
Eckenrode, Charles G., and N. Baldwin, Pierre, S. D. Ash-pan for locomotives.	844,268	Feb. 12	2814	600	126	2531
Eckenrode, S. J., et al. (See Hill, John W., assignor.)						
Eckenroth, Philip, Jr., Philadelphia, Pa. Wood-splitting machine.	873,418	Dec. 10	2293	478-9	131	1565
Ecker, Christian, et al. (See Woods, Edward D., assignor.)						
Ecker, Jacob, Chicago, Ill. Cloth-pressing-machine buck.	843,331	Feb. 5	1009	207	126	2045
Ecker, Jacob, Chicago, Ill. Cloth-pressing buck.	843,332	Feb. 5	1010	208	126	2045
Ecker, Maurice, Boston, Mass., assignor to L. M. Stern, Brooklyn, N. Y. Double-acting window-shade.	849,219	Apr. 2	1215	247	127	1899
Eckersberg, Harry F., Monessen, Pa. Advertising device.	852,170	Apr. 30	6984	1458	127	3504
Eckhard, John, Buffalo, N. Y. Vehicle-tire.	873,738	Dec. 17	2933	622	131	1705
Eckhard, John, assignor of one-half to J. P. Fell, Buffalo, N. Y. Explosive-engine.	842,392	Jan. 29	5271	1119	126	1494
Eckhardt & Co., Philip. (See Rafalsky, Albert, assignor.)						
Eckley, James W., assignor of one-half to G. F. Goss, Wallacetown, Pa. Cutting-tool.	875,334	Dec. 31	6189	1290	131	2282
Eckman, Peter J., Long Lake, Minn. Beehive.	874,579	Dec. 24	4666	981	131	2013
Eckman, William H., Warren, Ind. Horse-detacher.	873,929	Dec. 17	3300	705	131	1767
Eckmann, Max, Blue Island, Ill. Suspensory.	871,213	Nov. 19	2216	586	131	736
Eckstein, Francis X., Steger, Ill. Lock.	854,938	May 28	5170	1077	128	1420
Eckstein, Henry G., assignor to Rueckheim Bros. & Eckstein, Chicago, Ill. Manufacture of moisture-proof cartons.	856,853	June 11	2755	573	128	2425
Eclipse Railway Supply Company. (See Lev, Benjamin, assignor.)						
Eco Magneto Clock Company. (See Fessenden, George B., assignor.)						
Economic Engineering & Construction Company. (See Bassler, Edwin M., assignor.)						
Ecseghy, Stefan K. v., assignor to Firm of Handelsgesellschaft Klenberg & Co., Vienna, Austria-Hungary. Making unwelded chains.	844,006	Feb. 12	2288	490	126	2400
Ecseghy, Stefan K. v., assignor of sixty-five one-hundredths to Handelsgesellschaft Kleinberg & Co., Vienna, Austria-Hungary. Aiming device for ordnance.	853,007	May 7	1310	273-4	128	332
Ecseghy, Stefan K. von, assignor to Handelsgesellschaft Kleinberg & Co., Vienna, Austria-Hungary. Weldless chain.	856,947	June 11	2921	612	128	2464
Ector, Walton H., et al. (See Thomas, Eliza M., assignor.)						
Eddowes, Ralph K., Philadelphia, Pa. Third rail.	873,522	Dec. 10	2493	526	131	1600
Eddy, Arthur D., et al. (See Dorgan, William T., assignor.)						
Eddy, Arthur H., Windsor, assignor of one-half to C. E. Shepard, Hartford, Conn. Expansion-valve.	853,503	May 14	2289	474	128	622
Eddy, Arthur H., Windsor, assignor of one-half to C. E. Shepard, Hartford, Conn. Regulating-valve.	853,504	May 14	2290	475	128	622
Eddy, Arthur H., Windsor, assignor of one-half to C. E. Shepard, Hartford, Conn. Automatic expansion-valve for refrigerating apparatus.	853,505	May 14	2292	475	128	623
Eddy, Arthur H., Windsor, assignor of one-half to C. E. Shepard, Hartford, Conn. Shaft-packing.	853,506	May 14	2295	475	128	623
Eddy, Arthur H., Windsor, assignor of one-half to C. E. Shepard, Hartford, Conn. Automatic expansion-valve.	853,541	May 14	2352	489	128	637
Eddy, Joshua R., Slicker, W. Va. Wrench.	852,171	Apr. 30	6985	1458	127	3504
Eddy, Lawrence R., Elizabeth, N. J. Sash-lock.	865,090	Sept. 3	511	141	130	155
Eddy, Lawrence R., Elizabeth, N. J. Shutter-fastener.	866,116	Sept. 17	2135	594	130	728
Edelblute, Charles W., Croton, Ohio. Wagon end-gate.	859,754	July 22	912	601	129	770
Eden, Harold W., assignor to Parke, Davis & Company, Detroit, Mich. Receptacle for liquids.	850,822	Apr. 16	4242	891	127	2743
Eden, Harold W., assignor to P. R. Manufacturing Company, Detroit, Mich. Electrically-actuated signal-bell.	852,937	May 7	1167	240	128	297
Eden, Harold W., assignor to P. R. Manufacturing Company, Detroit, Mich. Signal.	858,064	June 25	5159	1092	128	3102

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Eden, Harold W., assignor to P. R. Manufacturing Company, Detroit, Mich. Electric signal-bell.	865,771	Sept. 10	1580	446	130	515
Eden, James A., Jr., New York, N. Y., assignor to E. W. Bliss Company. Work-feeding punching-machine.	846,832	Mar. 12	2244	493	127	600
Eden, James A., Jr., Brooklyn, assignor, by mesne assignments, to Rees Hook Company, Elmira, N. Y. Sheet-metal punching-press.	854,706	May 21	4682	975-6	128	1263
Eder, Frank, Thayer, Mo. Vehicle.	850,300	Apr. 16	3229	673	127	2485
Edgar, John N., Shawnee county, Kans. Hay-rack.	858,798	July 2	764	199	129	268
Edgar, Lucien B., Iola, Kans., assignor of one-fourth to C. J. Beaven, Colorado Springs, Colo. Seal-lock.	863,025	Aug. 13	1489	404	129	2578
Edgar, Samuel N., Greenville, Tex. Boat-propeller.	839,826	Jan. 1	44	10	126	13
Edgerton, George M., Boston, Mass. Shirt-sleeve.	842,536	Jan. 29	5590	1183	126	1576
Edgcomb, Jennie V., Binghamton, N. Y. Door-check.	867,811	Oct. 8	900	255	130	1608
Edgerton, Chauncey T., Richmond Hill and W. J. Golden, Oswego, N. Y. Spring.	872,226	Nov. 26	4393	1044-5	131	1102
Edgin, William A., Graford, Tex. Cotton-thinning plow.	839,827	Jan. 1	45	11	126	13
Edison-Bell Consolidated Phonograph Company. (See Garrard, Charles G., assignor.)						
Edison Manufacturing Company. (See Dyer and Holden, assignors.)						
Edison Manufacturing Company. (See Edison, Thomas A., assignor.)						
Edison Storage Battery Company. (See Edison, Thomas A., assignor.)						
Edison Storage Battery Company. (See Ott, John F., assignor.)						
Edison, Thomas A., Llewellyn Park, Orange, N. J. Apparatus for grinding and separating fine materials.	841,677	Jan. 22	3777	820	126	1083
Edison, Thomas A., Orange, N. J. Electrical welding apparatus.	847,746	Mar. 19	4078	891-2	127	1086
Edison, Thomas A., Llewellyn Park, Orange, N. J. Composite metal.	850,881	Apr. 16	4365		127	2776
Edison, Thomas A., Llewellyn Park, Orange, N. J. Making articles by electroplating.	850,912	Apr. 23	4432	927	127	2832
Edison, Thomas A., Llewellyn Park, Orange, N. J. Portland cement and manufacturing the same.	861,241	July 23	4510	1234	129	1582
Edison, Thomas A., Llewellyn Park, Orange, N. J. Discharging apparatus for belt conveyers.	861,819	July 30	5442	1499	129	1905
Edison, Thomas A., Llewellyn Park, N. J. Fluorescent electric lamp.	865,367	Sept. 10	945	271	130	315
Edison, Thomas A., Llewellyn Park, Orange, N. J. Feed-regulator for grinding-machines.	873,219	Dec. 10	1889	395	131	1497
Edison, Thomas A., Llewellyn Park, Orange, assignor to Edison Storage Battery Company, West Orange, N. J. Secondary battery.	850,913	Apr. 23	4435	927	127	2833
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, Orange, N. J. Secondary battery.	852,424	May 7	26	6	128	9
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, West Orange, N. J. Making storage-battery electrodes.	854,200	May 21	3734		128	1025
Edison, Thomas A., Llewellyn Park, Orange, assignor to Edison Storage Battery Company, West Orange, N. J. Can or receptacle for storage batteries.	857,041	June 18	3119	658	128	2555
Edison, Thomas A., Llewellyn Park, Orange, assignor to Edison Storage Battery Company, West Orange, N. J. Storage-battery electrode.	857,929	June 25	4846		128	3020
Edison, Thomas A., Llewellyn Park, Orange, assignor to Edison Storage Battery Company, West Orange, N. J. Storage-battery electrode.	860,195	July 16	2883	788	129	1017
Edison, Thomas A., Llewellyn Park, Orange, assignor to Edison Storage Battery Company, West Orange, N. J. Can or receptacle for storage batteries.	861,242	July 23	4512	1235	129	1583
Edison, Thomas A., Llewellyn Park, Orange, assignor to Edison Storage Battery Company, West Orange, N. J. Making seamless tubular pockets or receptacles for storage-battery electrodes.	862,145	Aug. 6	38	11	129	2094
Edison, Thomas A., Llewellyn Park, Orange, assignor to Edison Storage Battery Company, West Orange, N. J. Making nickel films.	865,687	Sept. 10	1452		130	473
Edison, Thomas A., Llewellyn Park, Orange, assignor to Edison Storage Battery Company, West Orange, N. J. Making metallic films or flakes.	865,688	Sept. 10	1453		130	474
Edison, Thomas A., Llewellyn Park, Orange, assignor to Edison Storage Battery Company, West Orange, N. J. Apparatus for producing perforated strips.	870,024	Nov. 5	238	63-6	131	83
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, Orange, N. J. Reversible galvanic battery.	871,214	Nov. 19	2217	586	131	737
Edison, Thomas A., Llewellyn Park, assignor to Edison Storage Battery Company, Orange, N. J. Reversible galvanic battery.	873,220	Dec. 10	1891	396	131	1497
Edison, Thomas A., Llewellyn Park, Orange, assignor to Edison Manufacturing Company, West Orange, N. J. Primary and secondary battery.	858,862	July 2	873		129	300
Edison, Thomas A., Llewellyn Park, assignor to New Jersey Patent Company, West Orange, N. J. Diaphragm for talking-machines.	855,562	June 4	225	44	128	1753
Edman, John, assignor of one-half to A. M. Hovland Minneapolis, Minn. Grain-door for cars.	856,775	June 11	2628	540	128	2394
Edmiston, Arch L., Oklahoma, Okla. Ter. Safety appliance for elevators.	866,117	Sept. 17	2136	594	130	728
Edmiston, Frank G. (See Gaines, Edward P., assignor.)						
Edmonds, Walter D., Boonville, N. Y. Trammel for animals.	858,165	June 25	5354	1138	128	3151
Edmondson, Robert, South Bend, Ind. Machine for molding concrete building-blocks and artificial stone.	856,340	June 11	1761	366-7	128	2173
Edmondson, Robert, South Bend, Ind. Reinforced interlocking concrete wall.	873,739	Dec. 17	2935	622	131	1706
Edmondson, Thomas M., Los Angeles, and D. Ferguson, Havilah, Cal. Mine-car.	863,971	Aug. 20	2917	804	129	3056
Edmunds, Henry. (See Bruhn, Bruno, assignor.)						
Edney, Ernest A., Horndean, England. Means of escape from sunken submarines.	845,623	Feb. 26	5745	1216	126	3334
Edson, Charles F., Los Angeles, Cal., assignor to L. A. Roy, Chicago, Ill. Intermitting apparatus for cooling cars, &c.	865,172	Sept. 3	617	174	130	187
Edson, Daniel W., Brockton, Mass. Shingling-gage.	861,579	July 30	5067	1390	129	1793
Edström, Johannes S., Vesterås, Sweden. Electrically-heated shaft-furnace.	862,146	Aug. 6	39	11	129	2094
Edtbauer, Petronella, Chicago, Ill. Automatic weighing device.	857,164	June 18	3355	708-9	128	2616
Edward E. Rieck Company. (See Glauser, John J., assignor.)						
Edward Miller & Company. (See Homan, William C., assignor.)						
Edward Miller & Company. (See Williams, Frank T., assignor.)						
Edwards, Albert M., Jr., Lawrence, Mass. Bottle-stopper.	854,201	May 21	3735	772	128	1025
Edwards, Alexander G., Longbeach, assignor of one-half to S. L. Strickland, Los Angeles, Cal. Rotary engine.	864,889	Sept. 3	200	55-6	130	62
Edwards, Alfred J., Auckland, New Zealand. Means for gripping and lifting pipes and other cylindrical objects.	845,936	Mar. 5	435	89	127	112
Edwards, Alice V. (See Edwards, Edgar A., assignor.)						
Edwards, Bennie S., White Hall, Ill. Gate.	865,577	Sept. 10	1287	364	130	420
Edwards, Charles D., Albert Lea, Minn. Grading-machine.	869,354	Oct. 29	3379	929-30	130	2449
Edwards, Charles E. (See Baum, Schoel, and Edwards.)						
Edwards, Daniel R., Orange, Tex. Track-cleaner.	854,409	May 21	4110	851	128	1123
Edwards, Dean B., Wauchope, Saskatchewan, Canada. Drill.	852,109	Apr. 30	6871	1435	127	3474
Edwards, Earnest E. (See Edwards, George W. and E. E.)						
Edwards, Edgar A., assignor to A. V. Edwards, Cincinnati, Ohio. Magnetic ore-separator.	855,166	May 28	5645	1174	128	1539
Edwards, Eliphalet E., Flint, Mich. Fence-post.	845,399	Feb. 26	5336	1132	126	3232

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Edwards, Ellsworth J., Los Angeles, Cal. Roller-bearing.	859,806	July 9	2282	621	129	793
Edwards, Ellsworth J., Los Angeles, Cal. Roller-bearing.	864,409	Aug. 27	3573	994	129	3287
Edwards, Ellsworth J., Los Angeles, Cal. Roller-bearing.	864,410	Aug. 27	3576	994	129	3288
Edwards, Ellsworth J., Los Angeles, Cal. Roller-bearing.	874,837	Dec. 24	5155	1086	131	2098
Edwards, Fred, Jefferson, Iowa. Telephone.	841,491	Jan. 15	3423	737	126	962
Edwards, G. L. (See Montgomery, James P., assignor.)						
Edwards, George W. and E. E., Cambridge, Nebr. Adjusting-box.	857,042	June 18	3120	658	128	2552
Edwards, Henry. (See Libhart, Hugh P., assignor.)						
Edwards, Henry C., and H. R. H. Dunbar, Victoria, British Columbia, Canada. Form for displaying wearing-apparel.	846,833	Mar. 12	2252	494	127	604
Edwards, John, Edgard, La. Type-writer attachment.	840,123	Jan. 1	684	146-7	126	187
Edwards, John, Troy, Ill. Extensible measuring-pole.	867,812	Oct. 8	901	256	130	1609
Edwards, John, and W. V. Sheppard, Allegheny, Pa. Burner for hot-air furnaces.	869,964	Nov. 5	126	35	131	41
Edwards, John C., Brookline, Mass., assignor to A. Kimball Company, New York, N. Y. Pin ticket or tag.	857,727	June 25	4448	939	128	2923
Edwards, John R., Columbus, Ohio. Lifting-jack.	849,381	Apr. 9	1532	310	127	2014
Edwards, Jonathan H., Gilbertsville, Ky. Plow.	870,421	Nov. 5	878	236	131	289
Edwards, Joseph B., Denver, Colo., and B. R. Hicks, Brooklyn, N. Y. Hydrocarbon-burner.	861,444	July 30	4874	1336	129	1730
Edwards, Josiah H., Los Angeles, Cal. Sash-pulley casing.	872,915	Dec. 3	1251	267	131	1364
Edwards, Monteville M., Abbott, Tex. Cotton-seed separator.	871,115	Nov. 19	1999	545	131	704
Edwards, Oliver C., Horton, Kans. Breech-protector for firearms.	859,932	July 16	2487	676	129	888
Edwards, Oliver M., Syracuse, N. Y. Binding for car trap-doors.	847,559	Mar. 19	3678	811	127	990
Edwards, Oliver M., Syracuse, N. Y. Door-opening device.	848,731	Apr. 2	221	45	127	1645
Edwards, Oliver M., Syracuse, N. Y. Hinge for doors and like movable objects.	850,422	Apr. 16	3465	726	127	2548
Edwards, Oliver M., Syracuse, N. Y. Window.	854,988	May 28	5257	1095	128	1442
Edwards, Pauline, New York, N. Y. Combination comb and hat-fastener.	844,785	Feb. 19	4133	881	126	2892
Edwards, Richard J., Galena, Ill. Spring-bearing.	843,591	Feb. 12	1515	322	126	2204
Edwards, Richard J., Galena, Ill. Scraper attachment for shovels.	871,986	Nov. 26	3877	937	131	1022
Edwards, Richard J., Galena, assignor of one-fourth to F. Henges, Chicago, Ill. Spring-bearing for vehicles.	873,221	Dec. 10	1892	396	131	1497
Edwards, Robert L., Perry, Okla. Ter. Car-stake.	842,638	Jan. 29	5809	1227	126	1630
Edwards, Thomas C., Salinas, Cal. Surgical needle.	856,686	June 11	2458	506	128	2350
Edwards, Thomas E., assignor to Morgan Construction Company, Worcester, Mass. Mechanism for adjusting bearings.	854,879	May 28	5064	1053	128	1392
Edwards, Walter, Cedar Grove, W. Va., assignor of two-thirds to G. W. Keeney and W. H. McQuillan. Trolley for electric railways.	849,666	Apr. 9	2076	426	127	2152
Edwards, Warren W., Jefferson City, Mo. Reclining-chair.	845,861	Mar. 5	254	52	127	65
Edwards, Welford G., Plainview, Minn. Sleigh.	874,750	Dec. 24	5004	1054	131	2070
Edwards, William E., Irvington, N. J. Match-box.	866,268	Sept. 17	2350	653	130	796
Edwards, William E., Irvington, assignor of one-half to A. O. Schuster, Newark, N. J. Pocket and other case.	854,989	May 28	5264	1095	128	1442
Edwards, William E., Irvington, assignor of one-half to A. O. Schuster, Newark, N. J. Pocket and other case.	854,990	May 28	5266	1096	128	1443
Edwards, William E., Irvington, assignor of one-half to A. O. Schuster, Newark, N. J. Match-box.	854,991	May 28	5269	1096	128	1444
Edwards, William H. (See Smith and Edwards.)						
Edwards, William J. (See Cantleberry and Edwards.)						
Edwards, William L., Lima, Ohio. Extension-bed.	845,223	Feb. 26	4977	1058-9	126	3145
Edwin F. Smith Company. (See Smith, Edwin F., assignor.)						
Edwin Harrington, Son & Co. (See Coes and Scott, assignors.)						
Edwin J. Toof Company. (See Ammerman, William M., assignor.)						
Eek, Albin C., and A. F. Cederquist, St. Louis, Mo. Rotary engine.	872,801	Dec. 3	1004	210-11	131	1327
Eells, Albert F., Boston, Mass. Sea-sounding.	848,092	Mar. 26	4804	1048	127	1300
Eells, Albert F., Boston, Mass. Anchor.	860,286	July 16	3021	827	129	1063
Eells, Ira E. (See McKelvey and Eells.)						
Effenberger, Alexander. (See Freeman, Alexander E., assignor.)						
Effert, Edward, Philadelphia, Pa. Gas-stove attachment.	854,202	May 21	3736	772	128	1025
Effront, Jean, Brussels, Belgium. Recovery of ammonia from distillers' washes.	868,976	Oct. 22	2781	130	126	2236
Egan, Naomi, Danville, Cal. Combined bed-pan and douche.	846,834	Mar. 12	2254	494	127	604
Egan, Patrick M., Council Bluffs, Iowa. Lifting-jack.	841,078	Jan. 8	2582	566	126	701
Egelin, Carl A., Stockholm, Sweden. Drawing-board.	867,024	Sept. 24	3485	986-7	130	1188
Egersdörfer, Fritz, assignor of one-half to F. Linder, Sr., Barmen, Germany. Rotary engine.	862,620	Aug. 6	874	233	129	2356
Egg, Harold, Sydenham, England. Race game or toy.	850,914	Apr. 23	4437	928	127	2833
EGGE, Frederick, Bridgeport, Conn. Garment-clasp.	847,986	Mar. 19	4592	1007	127	1208
EGGE, Frederick, Bridgeport, Conn. Regulating-valve for gas-burners.	850,569	Apr. 16	3753	784	127	2621
EGGE, Frederick, Bridgeport, Conn. Soap-shaving device.	855,291	May 28	5875	1224-5	128	1598
EGGE, Frederick, Bridgeport, Conn., assignor to Perfect Sliding Door Company, Los Angeles, Cal. Mortise-case.	867,574	Oct. 8	537	153	130	1498
Eggeman, Godfrey S., Denver, Colo. Trunk.	843,877	Feb. 12	2049	439	126	2340
Egger, Benno, Zurich, Switzerland, assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	862,621	Aug. 6	876	233	129	2356
Eggers, Charles F., Grafton, N. D. Pin-holder.	858,799	July 2	766	199-200	129	268
Eggers, Henry, Denver, Colo. Ore-feeder.	853,346	May 14	1993	412	128	545
Eggleston, Lewis W., Appleton, Wis. Valve-stem packing.	849,837	Apr. 9	2392	488	127	2234
Eggleston, Lewis W., Appleton, Wis. Flushing device for water-closet bowls and the like.	858,166	June 25	5355	1138	128	3151
Eggleston, Lewis W., Appleton, Wis. Hydropneumatic engine.	861,580	July 30	5068	1391	129	1794
Eggleston, Lewis W., Appleton, Wis. Pneumatic pumping apparatus.	862,867	Aug. 6	1257	341	129	2468
Eggleston, Lewis W., Appleton, Wis. Venting-valve for radiators.	866,345	Sept. 17	2473	690	130	835
Eggleston, William G., assignor to Mattatuck Mfg. Co., Waterbury, Conn. Shackles.	870,871	Nov. 12	1593	437	131	549
Egle, William, assignor to Eureka Manufacturing Company, Detroit, Mich. Manhole-cover.	870,498	Nov. 5	982	268	131	319
Egler, Charles J., New York, N. Y. Brake-shoe.	875,249	Dec. 31	6012	1254	131	2257
Egleston, T. H., et al. (See Brodton, Edward R., assignor.)						
Egloff, Frank S., Chicago, Ill. Imitation pocket-book.	844,337	Feb. 19	2972	635	126	2609
Egly, Georg. (See Viertel and Egly.)						
Egly, Georg, assignor to Gebrüder Siemens & Co., Charlottenburg, Germany. Manufacture of solid forms.	866,444	Sept. 17	2605	130	127	880
Egly, Henry C., Philadelphia, Pa. Display-case.	846,191	Mar. 5	958	203	127	243
Egy, Edgar S., Storm Lake, Iowa. Chimney-cowl.	845,862	Mar. 5	256	52	127	66
Egyesúti Izzólampá és Villamossági Részvény Társaság. (See Just and Hanaman, assignors.)						
Ehemann, George F., Chicago, Ill. Flash-light.	854,880	May 28	5067	1054	128	1393
Ehert, Cornelius D. (See Shoemaker, Harry, assignor.)						
Ehle, Amos E. (See Gipe, William W., assignor.)						
Ehle, Archibald H., Philadelphia, Pa. Change-gearing.	847,048	Mar. 12	2672	587-8	127	707

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Ehle, Archibald H., Philadelphia, Pa. Motor-driven truck.....	849,838	Apr. 9	2394	488-9	127	2234
Ehle, Archibald H., assignor to Burnham, Williams & Company, Philadelphia, Pa. Controlling mechanism for clutches.....	871,578	Nov. 19	3016	751-2	131	859
Ehlenz, Mathew A., St. Paul, Minn. Violin.....	858,587	July 2	391	101	129	138
Ehlers, George C., Milwaukee, Wis. Damper-adjusting apparatus.....	859,285	July 9	1497	400	129	583
Ehlers, George C., Milwaukee, Wis. Damper.....	859,375	July 9	1652	440	129	588
Ehlers, Robert J., assignor of one-half to E. Gundelach, New York, N. Y. Folding vehicle.....	863,972	Aug. 20	2918	804	129	3056
Ehmann, Gustav, Canton, Ohio. Trolley.....	872,802	Dec. 3	1008	211	131	1327
Ehni, Jacob, Bloomfield, N. J. Centering device.....	854,992	May 28	5273	1096	128	1445
Ehrenfeld, Charles H., and J. R. Grove, York, Pa. Recovery of copper and other metals from their ores.....	866,849	Sept. 24	3216	-----	130	1103
Ehrenfeld, Charles H., and J. R. Grove, York, Pa. Recovery of nickel from ore.....	868,769	Oct. 22	2468	682	130	2139
Ehrentreu, Adolph, New York, N. Y. Watch-pocket.....	862,321	Aug. 6	354	97	129	2194
Ehrhardt, John, Jr., <i>et al.</i> (See Holmes, Edward, assignor.).....						
Ehrhardt, Mylius, Berlin, Germany. X-ray tube.....	842,875	Feb. 5	64	16	126	1806
Ehrhardt, William, <i>et al.</i> (See Holmes, Edward, assignor.).....						
Ehrhart, Raymond N., Pittsburg, Pa. assignor to Westinghouse Machine Company. Elastic-fluid turbine.....	868,768	Oct. 22	2466	682	130	2139
Ehrhorn, John. (See Horst and Ehrhorn.).....						
Ehrlich, Abraham, Springfield, Mass. Comb.	844,007	Feb. 12	2289	490	126	2400
Ehrlich, John B., Indianapolis, Ind. Combined hot blast, water-coil, and gas-burner.....	846,916	Mar. 12	2413	530	127	643
Ehrlich, John D., and F. F. Escoffier, Berwick, La. Sugar-cane harvester.....	857,451	June 18	3886	826-8	128	2747
Ehrlich, Leo. (See Wissler, Adolph, assignor.).....						
Eibel Process Company. (See Eibel, William, assignor.).....						
Eibel, William, Rhinelander, Wis., assignor to Eibel Process Company, Portland, Me. Fourdrinier machine.....	845,224	Feb. 26	4978	1059	126	3146
Eibel, William, Rhinelander, Wis., assignor to Eibel Process Company, Boston, Mass. Fourdrinier machine.....	851,227	Apr. 23	5042	1061	127	2981
Eichberg, Friedrich, Berlin, Germany, assignor to General Electric Company. Motor control.....	857,165	June 18	3361	709	128	2617
Eichberg, Friedrich, Berlin, Germany, assignor to General Electric Company. Control of alternating-current motors.....	868,171	Oct. 15	1486	421	130	1809
Eichberg, Friedrich, Berlin, Germany, assignor to General Electric Company. Alternating-current motor.....	872,559	Dec. 3	520	108	131	1247
Eichberg, Otto F., New York, N. Y. Expanded receptacle.....	865,173	Sept. 3	619	175	130	188
Eichelberger, Frederick L. A., McKees Rocks, Pa. Folding trunk.....	847,171	Mar. 12	2893	627	127	761
Eichelberger, William, Dubois, assignor to Vulcan Soot Cleaner Company of Pittsburg, Pa., Dubois, Pa. Fuel-economizer soot-cleaner.....	858,334	June 25	5641	1207	128	3224
Eichelberger, William, and D. E. Hibner, assignors to Vulcan Soot Cleaner Company of Pittsburg, Pa., Dubois, Pa. Boiler-flue cleaner.....	855,563	June 4	226	44	128	1754
Eichelberger, William, D. E. Hibner, Dubois, Pa., and M. J. Bacon, Boston, Mass., assignors to Vulcan Soot Cleaner Company of Pittsburg, Pa., Dubois, Pa. Soot-cleaner for boilers.....	858,333	June 25	5639	1207	128	3223
Eichelberger, William H., Royalton, assignor of one-half to M. F. Meinsler, Middletown, Pa. Air-brake system.....	842,774	Jan. 29	6116	1290-1	126	1703
Eichenberger, Otto, Geneva, Switzerland, assignor of one-half to L. Brock, New York, N. Y. Apparatus for imitating the game of skittles by means of automata.....	866,923	Sept. 24	3328	940-1	130	1138
Eichengrün, Arthur, Düsseldorf, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Paraformaldehyde and peroxid mixture.....	866,850	Sept. 24	3217	-----	130	1104
Eichengrün, Arthur, Düsseldorf, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Generation of formaldehyde gas.....	866,851	Sept. 24	3217	-----	130	1104
Eichengrün, Arthur, Düsseldorf, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Generating formaldehyde.....	875,415	Dec. 31	6346	-----	131	2309
Eichenhofer, Friedrich, <i>et al.</i> (See Kroschel, August H., assignor.).....						
Eichenser, William R., Johnstown, Pa. Lubricator.....	854,636	May 21	4523	944	128	1224
Eichers, William, Minneapolis, Minn. Wheel.....	867,710	Oct. 8	735	206	130	1558
Eichholtz, William B., New Orleans, La. Combination placket-closer and skirt-supporter.....	845,538	Feb. 26	5604	1187	126	3301
Eichhorn-Campbell Company. (See Eichhorn and Campbell, assignors.).....						
Eichhorn, Carl, and C. W. Campbell, assignors to Eichhorn-Campbell Company, Dexter, N. Y. Paper-making machine.....	874,946	Dec. 31	5422	1133-4	131	2159
Eichhorn, Charles J., assignor to Tea Tray Company, Newark, N. J. Electric-light hood.....	861,445	July 30	4875	1336	129	1730
Eichler, Emil, Philadelphia, Pa. Machine for boxing matches.....	861,273	July 30	4582	1251-2	129	1642
Eichler, John H., San Francisco, and J. H. Becker, Oakland, Cal. Gas-machine.....	859,807	July 9	2284	622	129	793
Eichmüller, Johann, Nuremberg, Germany, assignor to E. Dietzgen Co., New York, N. Y. Drawing-pen.....	860,196	July 16	2885	789	129	1018
Eichstaedt, Gustave G., Sheboygan, Wis. Horseshoe-calk.....	863,908	Aug. 20	2827	778	129	3031
Eickhoff, Henry W. C. (See Diehl and Eickhoff.).....						
Eide, Arent, Knox, N. D. Mason's pointing-tool.....	854,939	May 28	5171	1077	128	1420
Eidson, William M. (See Terhune, Eidson, and Huston.).....						
Eigen, Benno vom, Newark, N. J., assignor to Aug. Goertz & Co. Corner-fixture for bag-frames.....	841,313	Jan. 15	3071	665	126	868
Eigen, Benno vom, Newark, N. J., assignor to Aug. Goertz & Co. Bag-frame fastener.....	850,631	Apr. 16	3893	812-13	127	2655
Eighmey, Frank J. (See Will, Charles E., assignor.).....						
Eikmann, Frederick P. (See Assen and Eikmann.).....						
Eiler, Edward. (See Kimple and Eiler.).....						
Eilhauer, Oskar, Neustadt, and P. Rückert, Gera, Germany. Micrometer-screw gage.....	869,697	Oct. 29	3934	1084	130	2617
Eimerbrink, Charles H., York, Pa. Registering mechanism.....	872,916	Dec. 3	1252	267	131	1364
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Apparatus for shaping metal bars.....	841,949	Jan. 22	4324	932	126	1220
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Die-feeding mechanism.....	841,950	Jan. 22	4327	932-3	126	1221
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Mechanism for truing metal wheels.....	852,829	May 7	932	190-1	128	238
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Traction-wheel.....	852,830	May 7	935	191	128	239
Einfeldt, Emil, Davenport, Iowa, assignor to Bettendorf Metal Wheel Company. Traction-wheel.....	852,831	May 7	937	192	128	239
Einstein, Alfred C., St. Louis, Mo., assignor to Eagle Generator Company. Acetylene-gas-generating apparatus.....	855,843	June 4	784	164	128	1893
Einstein, Robert E., St. Louis, Mo. Railway-frog.....	857,930	June 25	4847	1026	128	3021
Einstein, Robert E., St. Louis, Mo. Railway-track structure.....	871,493	Nov. 19	2842	715	131	831
Eisemann, Emil, New York, N. Y. Feather-drying machine.....	872,917	Dec. 3	1253	267-8	131	1364
Eisen-und Stahlwerk Hoersch, Aktiengesellschaft. (See Delporte, Henri, fils, assignor.).....						
Eisenberg, John, assignor to Estate Stove Company, Hamilton, Ohio. Stove attachment.....	866,010	Sept. 17	1967	549	130	675

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Eisenberg, Lee, <i>et al.</i> (See Winans, Wesley G., assignor.)						
Eisenbise, Harry W., Reading, Pa. Fire apparatus.	846,835	Mar. 12	2255	494	127	604
Eisenhut, Laurence C., New York, assignor of one-half to G. Elliott, Brooklyn, N. Y. Weir and tide gage.	871,093	Nov. 12	1947	533-4	131	658
Eisenhuth, John W., Brooklyn, N. Y., assignor, by mesne assignments, to Compound Motor Company. Rotary valve.	849,987	Apr. 9	2645	554	127	2296
Eisenschiml, Otto. (See Thomas, William M., assignor.)						
Eisenstein, Simon, Berlin, Germany. Wireless signaling system.	851,621	Apr. 23	5825	1217	127	3176
Eiser, M. W. (See O'Donnell, Joseph W., assignor.)						
Eiser, Michael W., Kansas City, Mo. Hat-frame.	844,268	Feb. 12	2815	600	126	2531
Eisman, Julius, Toronto, Ontario, Canada. Hose-supporter.	847,747	Mar. 19	4084	892	127	1088
Eisman, Julius, Toronto, Ontario, Canada. Combined waist-holder and skirt-supporter.	848,732	Apr. 2	227	45	127	1645
Eitle, Christian, Stuttgart, Germany. Splitting-machine.	867,711	Oct. 8	736	206	130	1559
Ekegren, Earnest P., <i>et al.</i> (See Durand, Norbert, assignor.)						
Ekenberg, Martin, Stockholm, Sweden. Charring or carbonizing peat.	847,748	Mar. 19	4084	893	127	1088
Ekern, Melvin I. (See Bennett and Ekern.)						
Ekert, Frederick M., Dayton, Ohio. High-resisting body.	858,504	July 2	249		129	90
Ekert, Frederick M., Akron, assignor to U. S. Ekert Fibre Company, Cleveland, Ohio. Producing compounds containing rubber and fiber.	870,349	Nov. 5	755		131	248
Ekin, Lorian M., Indiana, Pa. Rail-joint.	847,560	Mar. 19	3682	812	127	991
Ekker, Charles. (See Laczay, Fohn, and Ekker.)						
Eklund, Albert T., Jamestown, N. Y. Scissors.	850,632	Apr. 16	3901	813	127	2658
Eklund, Gustav, assignor to F. W. Dressel, New York, N. Y. Signal-lantern.	856,854	June 11	2757	573	128	2425
Ekman, Carl. (See Sinclair and Ekman.)						
Ekroos, Sigurd W., Brooklyn, N. Y. Lock for window-sash.	839,828	Jan. 1	46	11	126	13
Ekstrom, Axel. (See Rennerfelt, Gustaf, assignor.)						
Elbert, Emil, Joliet, Ill. Rest attachment for beds.	867,647	Oct. 8	644	182	130	1530
Elder, Edward H., assignor to J. Stevens Arms & Tool Company, Chicopee Falls, Mass. Double-barreled firearm.	847,659	Mar. 19	3902	853	127	1046
Elder, William S., assignor to J. Hirsh, Philadelphia, Pa. Knitting-machine needle.	841,678	Jan. 22	3779	820	126	1084
Eldred, Byron E. (See Ellis and Eldred.)						
Eldred, Byron E., assignor to Combustion Utilities Company, New York, N. Y. Manufacturing steel.	843,592	Feb. 12	1516	322	126	2205
Eldred, Byron E., assignor to Combustion Utilities Company, New York, N. Y. Making gas.	869,487	Oct. 29	3593	984	130	2514
Eldred, Byron E., Bronxville, assignor to Combustion Utilities Company, New York, N. Y. Conducting combustion.	854,156	May 21	3638	752-3	128	998
Eldred, Byron E., Bronxville, assignor to Combustion Utilities Company, New York, N. Y. Combustion process.	869,485	Oct. 29	3587	983-4	130	2513
Eldred, Byron E., Brookline, Mass., assignor to Combustion Utilities Company, New York, N. Y. Heating-furnace.	866,635	Sept. 24	2883	815	130	995
Eldred, Byron E., and C. Ellis, assignors to Combustion Utilities Company, New York, N. Y. Producing gas.	869,486	Oct. 29	3591	984	130	2514
Eldred, Howard M., Milwaukee, Wis. Telephone signal system.	863,705	Aug. 20	2511	693	129	2931
Eldred, Thomas T., Buffalo, N. Y. Lawn-sweeper.	872,409	Dec. 3	189	37-8	131	1198
Eldredge, Earl C., Springfield, Mass. Plug-switch.	860,360	July 16	3135	858	129	1100
Eldredge, Harry H. (See Howe and Eldredge.)						
Eldridge, Ernest R., Sumter, S. C. Music-leaf turner.	847,922	Mar. 19	4461	978	127	1178
Eldridge, Mary A., Chicago, Ill. Curling-iron.	866,778	Sept. 24	3114	876	130	1072
Eldridge, Reuben C., Niagara Falls, Ontario, Canada, and J. Willers, assignors to Niagara Falls Metal Stamping Works, Niagara Falls, N. Y. Hame-fastener.	863,172	Aug. 13	1712	460	129	2649
Elektr-Bogenlampen- & Apparate-Fabrik Ges. m. Beschr. Haftung. (See Neu, Justin, assignor.)						
Electr. Isolir- und Installationsartikelerzeugung, Ingre. Schott & Schildorfer. (See Schmidt, Paul, assignor.)						
Electric Appliance Company. (See Wingren, Richard, assignor.)						
Electric Auto-Transformer Company. (See Slaughter, Joel C., assignor.)						
Electric Boat Company. (See Bailey and Spear, assignors.)						
Electric Boat Company. (See Cable, Frank T., assignor.)						
Electric Boat Company. (See Spear, Lawrence Y., assignor.)						
Electric Carrier Company. (See Smith, Franklin S., assignor.)						
Electric Compositor Company. (See Reynolds, Horace A., assignor.)						
Electric Controller and Supply Company. (See Baehr, George, assignor.)						
Electric Controller and Supply Company. (See Hall, Jay H., assignor.)						
Electric Filter Company. (See Gilmore, George, assignor.)						
Electric Filter Company. (See McDowell, Robert H., assignor.)						
Electric Furnace Company. (See Clark, Walter G., assignor.)						
Electric Gas Lighting Company. (See Koltonski, Stanislaw A., assignor.)						
Electric Gas Lighting Company. (See Thomson, Henry C., assignor.)						
Electric Good Manufacturing Company. (See Gordon, Waldo C., assignor.)						
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Electric Metal Working Company. (See Coffin, Charles L., assignor.)						
Electric Metals Company. (See Snyder, Frederick T., assignor.)						
Electric Novelty Machine Company. (See Collins, Paul E., assignor.)						
Electric and Ordnance Accessories Company. (See Rivers, Edward G., assignor.)						
Electric Railway Improvement Company. (See Herrick, Albert B., assignor.)						
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Electric Service Supplies Company. (See Titus, Joseph V. E., assignor.)						
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Electric Vehicle Company. (See Pope and Maxim, assignors.)						
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Elektrizitäts-Aktiengesellschaft, vormals Schuckert & Co. (See Schmidt, Ludwig, assignor.)						
Elektrochemische Werke, Gesellschaft M. B. H. (See Askenasy and Stockem, assignors.)						
Eleuterius, Nealy, Biloxi, Miss. Fishing-seine.	844,925	Feb. 19	4380	936	126	2952
Elevator Supply & Repair Company. (See Kirsch, Charles W., assignor.)						
Elevator Supply & Repair Company. (See Reiners, Charles A., assignor.)						
Eley, Philip, Bayonne, N. J. Connection for tapping mains.	850,915	Apr. 23	4438	928	127	2833
Elfering, John H., Camden, N. J., assignor to Victor Talking Machine Company. Talking-machine.	855,761	June 4	616	127	128	1853
Elfering, John H., Camden, N. J., assignor to Victor Talking Machine Company. Sound-box for talking-machines.	867,259	Oct. 1	43	14	130	1329
Elfreth, Harold D., Philadelphia, Pa. Filtration plant.	866,346	Sept. 17	2475	690-1	130	836
Elfreth, Jacob R., Philadelphia, Pa. Device for supplying a filter or other receiver with chemically-treated fluid.	842,088	Jan. 22	4589	986	126	1283
Elgar, Alfred, North Brixton, England. Submarine torpedo-boat.	846,736	Mar. 12	2044	449	127	550
Elgart, Samuel, <i>et al.</i> (See Berman, Aaron, assignor.)						
Eliaeson, Albert W., Lindsborg, Kans. Garment-presser.	865,091	Sept. 3	512	141	130	155
Eliel, Albert L., New York, N. Y. Hat-ventilator.	870,350	Nov. 5	758	202	131	249
Eliel, Oscar H., La Salle, Ill. Sulfuric-acid chamber.	860,968	July 23	4097	1122-3	129	1448
Eliel, Oscar H., La Salle, Ill. Shoe-lace hook.	875,570	Dec. 31	6630	1387	131	2358
Eliot, Alice R., Brookline, Mass. Educational material.	870,277	Nov. 5	629	168	131	205
Elte Manufacturing Company. (See Burkholder, John H., assignor.)						
Elkins, Arthur F., and H. Hunter, assignors of one-half to F. L. McCauley and T. J. Kennedy, Ironton, Ohio. Safety appliance for moving-picture apparatus.	861,169	July 23	4388	1204	129	1541
Elkins, Roland H., Sioux City, Iowa. Distributor for force-feed lubricators.	872,803	Dec. 3	1010	212	131	1327
Elkus, Laurence. (See Crocker, Allen S., assignor.)						
Elkus, Laurence. (See Gallinowsky, Hugo, assignor.)						
Elkus, Laurence, Indianapolis, Ind. Composition of bricks.	844,668	Feb. 19	3883		126	2827
Elkus, Laurence, Indianapolis, Ind. Manufacturing bricks.	852,500	May 7	245		128	69
Ellam, William H., Anerley, assignor of one-half to E. T. Ellis, Croydon, England. Appliance for motor-vehicle wheels to prevent skidding and side slip.	858,710	July 2	601	158	129	207
Ellard, William J., Ottawa, Ontario, Canada. Potato-digger.	864,234	Aug. 27	3318	919	129	3209
Elleau, Pauline, Seattle, Wash. Sign.	855,392	Mar. 28	6043	1262	128	1640
Elledge, Forrest M., assignor to Sanitary Oyster Carrier and Commission Co., St. Louis, Mo. Oyster-carrier.	865,772	Sept. 10	1581	446	130	515
Ellefson, Elert R., and L. Ihlan, Hardwick, Minn. Corn-planter.	874,313	Dec. 17	4134	870	131	1895
Eller, George, St. Louis, Mo. Store-ladder.	862,622	Aug. 6	877	234	129	2357
Ellers, H. A., <i>et al.</i> (See Medearis, William R., assignor.)						
Ellers, Jacob H., and W. C. Richardson, Lynn, Mass.; said Ellers assignor to said Richardson. Shoe-form.	859,599	July 9	1985	535	129	607
Ellerton, George C., U. S. Navy. Distributing apparatus.	853,870	May 14	3034	624-5	128	808
Ellett, Walter M., and R. M. Vick, Alliance, Ohio. Credit-cabinet.	844,338	Feb. 19	2973	635	126	2609
Ellett, Walter M., and R. M. Vick, Alliance, Ohio. File-clip.	844,339	Feb. 19	2974	635	126	2669
Ellicott, Francis, Baltimore county, Md. Governing mechanism for prime motors.	852,658	May 7	571	109-10	128	149
Ellicott, Francis, Baltimore county, Md. Governor for prime motors.	852,779	May 7	809	162-6	128	211
Ellicott, Francis, Baltimore county, Md. Method of and means for governing prime motors.	853,200	May 7	1656	344-6	128	418
Ellicott, Francis, Baltimore county, Md. Gate-moving mechanism for a series of turbines.	858,800	July 2	766	200-1	129	268
Ellicott, Nancy P., Baltimore, Md. Bed-rest.	875,335	Dec. 31	6191	1290	131	2283
Elloff, William T., Mackinaw, Ill. Hay-rack.	866,445	Sept. 17	2606	727-8	130	880
Ellingham, Robert W., Springfield, Mass. Roller-pinion.	860,536	July 16	3398	933	129	1187
Ellingsen, Elling. (See Van and Ellingsen.)						
Ellingson, Edward, Havana, N. D. Combination-wrench.	849,891	Apr. 9	2496	514	127	2260
Ellington, Edmund W., Owensboro, Ky. Measuring implement.	874,751	Dec. 24	5006	1054-5	131	2070
Eliot, Adam S., assignor of one-half to C. S. Botsford, Peterborough, Ontario, Canada. Electric-lamp hanger.	853,871	May 14	3038	625	128	810
Eliott, William, Montreal, Quebec, Canada. Snow-thawing machine.	840,444	Jan. 1	1326	293-4	123	346
Elliott, Annie M. (See Elliott, George F., assignor.)						
Elliott, Arthur H., New York, N. Y. Attachment for oil-lamps.	842,537	Jan. 29	5591	1183	126	1576
Elliott, Charles, Scammon, Kans. Miner's fuse-tool.	847,923	Mar. 19	4462	978	127	1178
Elliott, Charles C., Troy, N. Y., assignor of one-half to United Shirt & Collar Company. Locating-gage for sewing-machines.	845,453	Feb. 26	5445	1153	126	3216
Elliott, Charles R., Rochester, N. Y. Vibrator.	866,366	Sept. 24	2885	815	130	996
Elliott, Charles W., Northfork, W. Va. Bottling-machine.	856,135	June 4	1320	276	128	2026
Elliott, Claud B., and J. T. Loggins, Hempstead, Tex. Letter-clasping device.	840,759	Jan. 8	1948	429	126	541
Elliott, Claud B., J. T. Loggins, and W. B. Straughan, Hempstead, Tex. Spring-motor apparatus.	855,506	June 4	122	25	128	1724
Elliott, Earl N. (See Morrissy, Patrick F., assignor.)						
Elliott, Edward, assignor of one-half to R. D. Jones, Calumet, Mich. Dustless ash-sifter.	872,560	Dec. 3	521	109	131	1247
Elliott, Elias L., New York, N. Y. Multiple socket for incandescent lamps.	853,231	May 14	1745	362	128	474
Elliott, Ezra T., and A. H. Leonard, Del Norte, Colo. Attachment for hay-rakes.	840,612	Jan. 8	1674	367	126	473
Elliott-Fisher Company. (See Bolton, Herbert D., assignor.)						
Elliott-Fisher Company. (See Daugherty, James D., assignor.)						
Elliott-Fisher Company. (See Green, Carroll E., assignor.)						
Elliott-Fisher Company. (See Halle, Hiram J., assignor.)						
Elliott-Fisher Company. (See Hillard, Frederic W., assignor.)						
Elliott-Fisher Company. (See Juhlén, Louis G., assignor.)						
Elliott-Fisher Company. (See King and Milstead, assignors.)						
Elliott-Fisher Company. (See Laganke, Charles F., assignor.)						
Elliott-Fisher Company. (See Smith, John A., assignor.)						
Elliott-Fisher Company. (See Turley, Patrick H., assignor.)						
Elliott-Fisher Company. (See Ziegler, Joram, assignor.)						
Elliott, George B., Barney, N. D. Draft-equalizer.	843,737	Feb. 12	1784	380	126	2275
Elliott, George F., U. S. Marine Corps, assignor to A. M. Elliott, Washington, D. C. Intrenching-tool.	856,575	June 11	2249	462-3	128	2296
Elliott, George M., Belvidere, Ill., assignor to Zucker & Levett & Loeb Company, New York, N. Y. Anode for electroplying-cells.	850,823	Apr. 16	4243	891	127	2744
Elliott, George S., <i>et al.</i> (See Rittersbach, George W., assignor.)						
Elliott, Gilbert. (See Eisenhut, Laurence C., assignor.)						
Elliott, Glen F., Delmar, Del. Tank-alarm.	864,959	Sept. 3	314	84	130	99
Elliott, Harry S., Jefferson, Iowa. Vehicle-shaft support.	844,269	Feb. 12	2816	600	126	2531
Elliott, John, Colorado City, Colo., assignor of two-thirds to H. Giesing and J. Perbulia. Ironing-board.	858,375	July 2	20	7	129	8
Elliott, John R., Camden, N. J. Pigeon-feeder.	865,773	Sept. 10	1582	446-7	130	515
Elliott, Lloyd F. (See Elliott, Ray F. and L. F.)						
Elliott, Milo A., Waterville, Me. Mop-wringing machine.	856,235	June 11	1519	320	128	2111

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Elliott, Percy M., Chicago, Ill. Car-door hanger.....	866,118	Sept. 17	2136	594	130	728
Elliott, Ray F. and L. F., Lincoln, Nebr. Hat and coat hanger.....	861,820	July 30	5443	1499	129	1905
Elliott, Robert C. (See Dyer and Elliott.)						
Elliott, Sterling, Newton, assignor to National Binding Machine Company, Boston, Mass. Strip-serving device.....	842,948	Feb. 5	211	47	126	1842
Elliott, Sterling, Newton, assignor to National Binding Machine Company, Boston, Mass. Strip-serving device.....	856,136	June 4	1321	276	128	2026
Elliott, Sterling, Newton, assignor to National Binding Machine Company, Boston, Mass. Strip-serving device.....	868,977	Oct. 22	2782	767	130	2236
Elliott, William E., Grand Rapids, Mich. Clutch mechanism.....	858,801	July 2	709	201	129	270
Elliott, William P. and W. P., Jr., La Grange, Ill. Pneumatic gate.....	871,391	Nov. 19	2622	670	131	797
Elliott, William P., Jr. (See Elliott, William P. and W. P., Jr.)						
Elliott, William S., Pittsburg, Pa. Water-tube boiler.....	846,737	Mar. 12	2047	450	127	550
Elliott, William S., Pittsburg, Pa. Water-tube boiler.....	846,738	Mar. 12	2050	450	127	551
Elliott, William S., Pittsburg, Pa. Water-tube boiler.....	850,358	Apr. 16	3349	699	127	2518
Elliott, William S., Pittsburg, Pa. Water-tube boiler.....	850,423	Apr. 16	3469	726-7	127	2543
Elliott, William S., Pittsburg, Pa. Boiler-tube cleaner.....	856,627	June 11	2353	484	128	2324
Elliott, William S., Pittsburg, Pa. Boiler-tube cleaner.....	856,628	June 11	2353	484	128	2324
Elliott, William S., and F. M. Faber, Pittsburg, Pa.; said Faber assignor to said Elliott. Turbine.....	874,174	Dec. 17	3834	808-9	131	1847
Ellis, Albert H., New York, assignor to Wyckoff, Seamans & Benedict, Ithaca, N. Y. Combined type-writing and adding machine.....	852,016	Apr. 30	6666	1388-93	127	3421
Ellis, Alvirus L., Chicago, Ill. Toggle-bolt.....	870,820	Nov. 12	1519	414	131	526
Ellis, Augustus L., Los Angeles, Cal. Automatic gasoline-gas machine.....	852,780	May 7	828	166	128	211
Ellis, Carleton. (See Eldred and Ellis.)						
Ellis, Carleton, White Plains, N. Y. Firing porcelain.....	840,559	Jan. 8	1570	346	126	416
Ellis, Carleton, White Plains, N. Y. Enriching blast-furnace gas.....	843,079	Feb. 5	488	102-3	126	191
Ellis, Carleton, White Plains, N. Y. Calcining lime and cement forming material.....	843,878	Feb. 12	2050	439	126	210
Ellis, Carleton, White Plains, N. Y. Fertilizer and making same.....	847,749	Mar. 19	4087	.....	127	1019
Ellis, Carleton, Larchmont, N. Y. Preserved wood and making same.....	871,392	Nov. 19	2623	.....	131	798
Ellis, Carleton, assignor to Combustion Utilities Company, New York, N. Y. Apparatus for producing gas.....	843,669	Feb. 12	1664	353	126	2244
Ellis, Carleton, White Plains, assignor to Combustion Utilities Company, New York, N. Y. Burning cement and apparatus therefor.....	844,857	Feb. 19	4261	908-9	126	2924
Ellis, Carleton, White Plains, N. Y., assignor to Ellis-Foster Company. Flux.....	852,017	Apr. 30	6700	.....	127	3432
Ellis, Carleton, White Plains, N. Y., assignor to Ellis-Foster Company. Masticable tobacco preparation.....	865,026	Sept. 3	416	.....	130	128
Ellis, Carleton, Boston, assignor to N. L. Foster, trustee, Brookline, Mass. Solder for aluminium.....	863,058	Aug. 13	1529	.....	129	2590
Ellis, Carleton, Larchmont, N. Y., assignor to Ellis-Foster Company. Composition for laying road-dust.....	865,578	Sept. 10	1289	.....	130	421
Ellis, Carleton, Larchmont, assignor to Chadeloid Chemical Company, New York, N. Y. Applying paint-removers.....	875,163	Dec. 31	5843	1220	131	2228
Ellis, Carleton, Larchmont, assignor to Chadeloid Chemical Company, New York, N. Y. Finish-remover.....	875,416	Dec. 31	6347	.....	131	2309
Ellis, Carleton, White Plains, and B. E. Eldred, Bronxville, assignors to Combustion Utilities Company, New York, N. Y. Generating hydrogen.....	854,157	May 21	3640	753	128	998
Ellis, Carleton, White Plains, N. Y., and K. P. McElroy, Washington, D. C. Reducing formic acid.....	867,575	Oct. 8	539	153	130	1498
Ellis, Carleton, White Plains, N. Y., and K. P. McElroy, Washington, D. C. Making formates.....	875,055	Dec. 31	5640	1177	131	2194
Ellis, Charles P., New York, N. Y. Bicycle-support.....	850,527	Apr. 16	3682	770	127	2603
Ellis, Charles S. (See Powell and Ellis.)						
Ellis, Charles S., and F. D. Powell, assignors to American Coin Register Company, Chicago, Ill. Means for controlling the admission of coin to coin-receptacles.....	851,282	Apr. 23	5161	1084	127	3013
Ellis, Claude A., Carlisle, Ind. Kitchen-cabinet.....	848,979	Apr. 2	736	149	127	1775
Ellis Company. (See Ellis, George V., assignor.)						
Ellis, David L., Detroit, Mich. Ventilating apparatus.....	860,197	July 16	2886	789-90	129	1018
Ellis, David L., Detroit, Mich. Pipe-vise.....	860,198	July 16	2889	790	129	1019
Ellis, Edward G., and P. E. Avett, Alto Pass, Ill. Washing-machine.....	848,452	Mar. 26	5492	1196	127	1472
Ellis, Edward S., Upper Montclair, N. J. Shoe-button.....	874,314	Dec. 17	4136	870	131	1895
Ellis, Edward T. (See Ellam, William H., assignor.)						
Ellis, Ella E., et al., executrices. (See Ellis, William B.)						
Ellis-Foster Company. (See Ellis, Carleton, assignor.)						
Ellis, Frank O., Sandwich, Mass. Eye-shade.....	865,484	Sept. 10	1132	321	130	372
Ellis, Franklin, San Francisco, Cal. Gas-governor.....	852,425	May 7	29	7	128	10
Ellis, George H., St. Paul, Minn., assignor to International Flax Twine Company. System of machines for treating flax-straw.....	867,026	Sept. 24	3489	988	130	1189
Ellis, George H., St. Paul, Minn., assignor to International Flax Twine Company. Feeding mechanism for flax-breakers.....	871,863	Nov. 26	3602	880-1	131	982
Ellis, George V., assignor, by mesne assignments, to Ellis Company, New York, N. Y. Water-lift.....	858,588	July 2	391	102	129	139
Ellis, James E., Plymouth, Ind. Cigar-cutter.....	846,650	Mar. 12	1894	416	127	512
Ellis, James J., et al. (See Ross, Thomas S., assignor.)						
Ellis, John, Allegheny, Pa. Automatic valve-operating mechanism.....	862,147	Aug. 6	41	11	129	2094
Ellis, John W., Portland, Me. Stair-carpet sweeper.....	864,125	Aug. 20	3146	871	129	3126
Ellis, Kittie M., et al., executrices. (See Ellis, William B.)						
Ellis, Leroy J., Fanwood, N. J. Cooking or culinary utensil.....	875,509	Dec. 31	6523	1360	131	2339
Ellis, Lucy C., Herrell, N. C. Brooder.....	875,417	Dec. 31	6348	1323	131	2310
Ellis, Mark S., U. S. Navy. Railway.....	870,089	Nov. 5	331	93	131	110
Ellis, Merton, and E. A. Bowen, Huntington, W. Va. Nut-lock.....	848,541	Mar. 26	5639	1235	127	1507
Ellis, Oscar A., San Francisco, Cal. Apparatus for extracting minerals from ore.....	865,027	Sept. 3	418	111	130	128
Ellis, Peter, Kilbirnie, Wellington, New Zealand. Rotary motor.....	867,260	Oct. 1	44	14	130	1329
Ellis, Stephen A., Woodlawn, assignor of one-fourth to E. J. Robinson, East Lake, Ala. Mowing-machine.....	859,600	July 9	1986	535	129	697
Ellis, Stephen A., Woodlawn, assignor of one-tenth to W. B. Copeland, Birmingham, Ala. Cotton-harvesting apparatus.....	869,888	Nov. 5	23	7	131	10
Ellis, Thaddeus, and J. Finnell, Tacoma, Wash. Cattle-guard.....	854,083	May 21	3503	722	128	965
Ellis, Theola T., St. Louis, Mo. Combination scoop and scale.....	873,850	Dec. 17	3169	674	131	1743
Ellis, William B., deceased; K. M. and E. E. Ellis, executrices, Greeley, Iowa. Hay rake and tedder.....	867,025	Sept. 24	3486	987-8	130	1188
Ellis, William J., assignor of one-half to C. W. Savage, Andrews, N. C. Steam-boiler furnace.....	870,090	Nov. 5	332	93-4	131	110
Ellis, Winfield H., Argenta, Ark. Cut-off and drainage apparatus.....	849,534	Apr. 9	1840	373	127	2093
Ellison, Lewis M., Chicago, Ill., assignor to American Steam Gauge and Valve Manufacturing Company, Boston, Mass. Steam-calorimeter.....	857,984	June 25	4982	1053	128	3057

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Elison, Milton C., St. Paul, Minn. Flour and feed packing machine.....	863,596	Aug. 20	2365	646-7	129	2882
Ellithorp, Orren S., Chicago, Ill., assignor to International Harvester Company. Combined portable elevator and corn-husking mechanism.....	842,775	Jan. 29	6119	1291-2	126	1704
Elrich, Robert C., assignor to Peck, Stow & Wilcox Company, Southington, Conn. Ratchet mechanism.....	855,292	May 28	5876	1225	128	1598
Ells, Frederick W., Milwaukee, Wis. Moisture-proof electric motor, dynamo, and the like.....	860,791	July 23	3817	1046	129	1357
Ellsworth, Amos C., Newport, Vt. Air-ship.....	871,164	Nov. 19	2117	567-8	131	720
Ellsworth, Earl K., and B. O. Clark, assignors to Tropic Fruit Company, Ltd., Wahiawa, Hawaii. Machine for cutting pineapples.....	862,241	Aug. 6	216	59	129	2150
Ellsworth, Harley C., Salem, Ohio. Adjustable buggy-seat.....	864,235	Aug. 27	3320	919	129	3210
Ellsworth, John M. (See Fay and Ellsworth.).....						
Ellsworth, William B., Hudson, Ohio. Tuning-hammer.....	842,307	Jan. 29	5075	1081	126	1439
Ellsworth, William B., Hudson, Ohio. Thill-support.....	869,072	Oct. 22	2936	809	130	2285
Ellwood, Ivan, Red Oak, Iowa. Lawn-mower.....	861,098	July 23	4290	1178	129	1509
Ellwood, Ivan, Red Oak, Iowa. Lawn-mower.....	873,523	Dec. 10	2494	526	131	1600
Elm, Charles E., South Prairie, Wash. Rail-joint.....	869,164	Oct. 22	3064	846	130	2324
Elmasian, Garabed H., Lynn, Mass. Device for saving and assorting tacks.....	851,079	Apr. 23	4727	995	127	2905
Elmer, Andrew B., et al. (See Garrett, William B., assignor.).....						
Elmer, John, Kingston, Ontario, Canada. Vent for the escape of combustion-gases in burning buildings.....	863,059	Aug. 13	1529	415	129	2590
Elmer, William, Jr., Altoona, Pa. Drop-table.....	848,353	Mar. 26	5299	1156-7	127	1423
Elmes, George W. (See Kirker, James M., assignor.).....						
Elmira Electro-Chemical Company. (See Carrier, Courtland F., Jr., assignor.).....						
Elmore, Alexander S., assignor to Ore Concentration Company (1905) Limited, London, England. Apparatus for concentrating ores.....	865,334	Sept. 3	882	253-4	130	267
Elo, Andrew G., Chicago, Ill. Hospital-bed.....	867,712	Oct. 8	737	206-7	130	1559
Elofson, Erik, Forest Lake, Minn. Heating-stove.....	852,054	Apr. 30	6770	1400	127	3449
Elphinstone, Alexander C., Elizabeth, N. J. Coal-chute support for vehicles.....	862,322	Aug. 6	354	98	129	2194
Elsas, Edward J., Blue Mound, Mo. Musical instrument.....	870,025	Nov. 5	242	67	131	84
Elsley, Aaron F., Bardwell, Ky. Wire fence.....	860,083	July 16	2734	745	129	968
Első Magyar Autometertársaság Fleiner és Ertner. (See Ertner and Jerémiás, assignors.).....						
Elston, James A., Jefferson City, Mo. Air-ship.....	845,539	Feb. 26	5605	1187	126	3301
Eltorich, Isabel L., Freeport, N. Y. Shield for ladies' drawers.....	872,172	Nov. 26	4267	1018	131	1083
Eltom, Robert N. (See Ackerman, Clinton, and Eltom.).....						
Eltom, Edmund H., and R. Stephens, Clevedon, England. Apparatus for lighting and extinguishing gas-lamps.....	867,488	Oct. 1	386	111-12	130	1434
Elverson, Joseph S., Catasauqua, Pa. Sparking device for explosive-engines.....	863,369	Aug. 13	2029	548	129	2750
Elverson, Joseph S., Catasauqua, Pa. Valve for explosive-engines.....	867,713	Oct. 8	738	207	130	1559
Elward, John H., Hutchinson, Kans. Storehouse for grain and other material.....	842,538	Jan. 29	5592	1184	126	1576
Elward, John H., Hutchinson, Kans. Train-ventilating system.....	846,097	Mar. 5	780	163	127	199
Elward, John H., Hutchinson, Kans. Car-ventilator.....	846,098	Mar. 5	783	163-4	127	200
Ely, Ella Y., Belton, Tex. Foot-tub.....	847,324	Mar. 19	3202	704	127	865
Ely, James, Summit, N. J. Steam or vacuum gage.....	873,034	Dec. 10	1534	321	131	1438
Ely, Theo. J. (See Sturgeon, Harold M., assignor.).....						
Elyea, Charles L. (See Alexander, William D., assignor.).....						
Elyria Iron & Steel Company. (See McKee, Willis, assignor.).....						
Emanuel, Benjamin D., et al. (See Denny, Winfield A., assignor.).....						
Emanuel, Jacob. (See Walchner, Carl, assignor.).....						
Emanuel, Samuel A., Nesquehoning, Pa. Shoe.....	862,323	Aug. 6	356	98	129	2195
Emanuel, Solomon H., Baltimore, Md., assignor of one-half to B. Makover, New York, N. Y. Printer's furniture.....	863,973	Aug. 20	2920	804	129	3058
Embury, William C., Rochester, N. Y. Stovepipe-elbow.....	847,049	Mar. 12	2674	588	127	707
Emden, Paul, St. Gall, Switzerland. Stuffing-joint for rotary shafts.....	842,639	Jan. 29	5811	1227	126	1630
Emergency Rubber Company. (See Schwarzschild, Solomon, assignor.).....						
Emerick, Frederick A., Oswego, N. Y., assignor to Great Bear Spring Company, Jersey City, N. J. Sterilizing apparatus.....	862,623	Aug. 6	878	234-5	129	2357
Emerick, George S., Nazareth, Pa. Pebble-mill.....	849,730	Apr. 9	2178	448-9	127	2176
Emerick, William F. (See Giddings and Emerick.).....						
Emerick, William H., Osawatomie, Kans., and P. Alquist, Memphis, Tenn. Car-frame.....	851,228	Apr. 23	5044	1061-2	127	2981
Emerick, William H., Osawatomie, Kans., and P. Alquist, Memphis, Tenn. Car-frame.....	851,229	Apr. 23	5046	1062	127	2982
Emerick, William H., Osawatomie, Kans., and P. Alquist, Memphis, Tenn. Car-frame.....	851,230	Apr. 23	5048	1062-3	127	2983
Emerick, William H., and H. A. Bundy, Osawatomie, Kans. Box-car-roof frame.....	849,382	Apr. 9	1533	310	127	2016
Emerson, Charles M., Columbus, Ohio. File-sharpening machine.....	860,199	July 16	2890	790	129	1019
Emerson, Cyrus J., Jr., assignor to S. E. Thayer and E. C. Bryan, Westfield, Mass. Time-alarm.....	864,726	Aug. 27	4115	1142-3	129	3457
Emerson Electric Manufacturing Company. (See Meston, Charles R., assignor.).....						
Emerson Electric Manufacturing Company. (See Meston and Finch, assignors.).....						
Emerson Electric Manufacturing Company. (See Winter, William G., assignor.).....						
Emerson, Frank L., Mountain View, Cal. Traction-motor.....	872,648	Dec. 3	686	143-4	131	1276
Emerson, Fred L., Denver, Colo. Elevator-rope clamp.....	848,453	Mar. 26	5493	1196	127	1472
Emerson, Harrington, Topoka, Kans. Boiler-furnace.....	846,836	Mar. 12	2257	495	127	605
Emerson, Henry B., Schenectady, N. Y., assignor to General Electric Company. Motor control.....	855,623	June 4	345	71	128	1782
Emerson, Henry B., and G. H. Dorgeleh, Schenectady, N. Y., assignors to General Electric Company. Device for controlling electric currents.....	854,727	May 28	4733	984	128	1306
Emerson, Homer, Milton, Mass. Toilet-receptacle.....	858,270	June 25	5533	1182	128	3197
Emerson, James A., Oxford, Ind. Steel floor construction.....	846,291	Mar. 5	1133	247-8	127	287
Emerson, Lowell, Pawtucket, R. I. Cardboard and manufacturing the same.....	852,938	May 7	1167	240	128	297
Emerson Manufacturing Company. (See Hendon, Walter P., assignor.).....						
Emerson Manufacturing Company. (See Hurt, Joel J., assignor.).....						
Emerson Manufacturing Company. (See Waterman, Lewis E., assignor.).....						
Emerson Manufacturing Company. (See Weeks, Samuel V., assignor.).....						
Emerson, Ono B. (See Spire and Emerson.).....						
Emerson Piano Company. (See Crippen, Walter R., assignor.).....						
Emerson Piano Company. (See Watson, William A., assignor.).....						
Emerson, R. W. (See Maynard, John, assignor.).....						
Emerson, William H., Detroit, Mich. Grain-riddle.....	861,446	July 30	4876	1336	129	1731
Emery, Albert H., Stamford, Conn. Means for cleaning out the chambers and bores of guns.....	870,528	Nov. 5	1027	280	131	331
Emery, Benjamin F., Thayer, Iowa. Swingletree-hook.....	847,561	Mar. 19	3684	812	127	991
Emery, George, Argenta, Ark. Air-brake attachment.....	844,270	Feb. 12	2818	601	126	2532
Emery, Loren, Schenectady, N. Y., assignor to General Electric Company. Protective device.....	863,791	Aug. 20	2648	732-3	129	2974
Emery, William O., Crawfordville, Ind., J. Nerking and O. Paul, deceased, Bonn, Germany; E. Paul sole heirress of O. Paul, deceased. Preparing a food product.....	863,974	Aug. 20	2921		129	3058

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Emes, John F., Altoona, Pa. Striking-bag apparatus.....	846,019	Mar. 5	616	128-9	127	158
Emig, Edward K., Emigsville, Pa. Dumping-wagon.....	855,762	June 4	618	127	128	1854
Emley, Jay N., New York, N. Y. Cooling system for automobile-engines.....	870,278	Nov. 5	630	169	131	205
Emmelmann, Fred G. and H. R., Indianapolis, Ind. Blow-torch.....	849,220	Apr. 2	1218	247	127	1899
Emmelmann, Harry R. (See Emmelmann, F. G. and H. R.)						
Emmerich, Charles B., and C. C. Heidland, St. Louis, Mo. Cold-storage box.....	852,225	Apr. 30	7084	1481	127	3529
Emmerich, Martin, assignor of one-half to G. Rotman, New Haven, Conn. Vehicle-spring.....	849,109	Apr. 2	1005	203	127	1845
Emmerich, Rudolph F. (See Spaulding, Elijah F., assignor.)						
Emmert, George C., Mount Morris, Ill. Automatic latch.....	846,651	Mar. 12	1894	416	127	513
Emmert Manufacturing Company. (See Corbett, John G., assignor.)						
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Surface condenser for turbines.....	845,294	Feb. 26	5135	1089-90	126	3185
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Steam-turbine.....	845,295	Feb. 26	5138	1090-1	126	3186
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. System of lubrication for turbines.....	847,050	Mar. 12	2676	588-9	127	708
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Governing mechanism for turbines.....	848,093	Mar. 26	4805	1048	127	1301
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Governing mechanism for turbines.....	859,286	July 9	1499	400-1	129	537
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine.....	860,969	July 23	4099	1123	129	1419
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Governing mechanism for turbines.....	861,099	July 23	4292	1178-9	129	1510
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Turbine-bucket.....	868,419	Oct. 15	1891	531	130	1931
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. System of lubrication for elastic-fluid turbines.....	869,138	Oct. 22	3025	836	130	2310
Emmet, William L. R., and O. Junggren, Schenectady, N. Y., assignors to General Electric Company. Bearing for elastic-fluid turbines.....	874,947	Dec. 31	5425	1134	131	2159
Emmons Loom Harness Company. (See Wingate, Wilbur E., assignor.)						
Emory & Company, Robert J. (See Emory, Robert J., assignor.)						
Emory & Company, Robert J. (See Ruth, Thomas D., assignor.)						
Emory, Robert J., assignor to R. J. Emory & Company, Newark, N. J. Spooling-machine.....	870,767	Nov. 12	1429	388	131	495
Empire Inventions Company. (See Garland, Proudfoot, and Bowen, assignors.)						
Empire Last Works. (See Schelter, George G. and J. C., assignors.)						
Empire Last Works. (See Schelter, John C., assignor.)						
Empire Plow Company. (See Haiman and Murray, assignors.)						
Emrich, August. (See Smith, George W., assignor.)						
Emrich, Philip, Cincinnati, Ohio. Adjustable roofing-tongs.....	873,358	Dec. 10	2182	456	131	1544
Enbulaeyeff, Sergius, St. Petersburg, Russia. Method and apparatus for automatically turning round railway-vehicles.....	858,802	July 2	772	201-3	129	270
Endean, Theodore, Cleveland, Ohio. Telephone attachment.....	862,242	Aug. 6	217	60	129	2150
Endemann, Hubert, Vienna, Austria-Hungary. Screw-press for molding tablets.....	857,043	June 18	3121	658	128	2556
Endemann, Hubert, Vienna, Austria-Hungary. Press for molding suppositories, &c.....	871,261	Nov. 19	2317	605	131	753
Enders, Henry W., Lincoln, Nebr., assignor to Wyckoff, Seamans & Benedict, Union N. Y. Writing-machine.....	864,960	Sept. 3	315	84-5	130	100
Enders, Frank. (See McNabb and Enders.)						
Enders, William F., Oakland, Cal. Type-writer ribbon attachment.....	872,113	Nov. 26	4154	994	131	1064
Endres, Otto L., and R. Pietsch, Utica, N. Y. Phonograph-horn support.....	860,792	July 23	3818	1046	129	1357
Enfield, William E., Victor, Colo. Folding stove.....	865,579	Sept. 10	1289	365	130	421
Engelbretsen, John, San Diego, Cal. Coupling for scrapers.....	846,652	Mar. 12	1896	416-17	127	513
Engelbretsen, John, San Diego, Cal. Coupling for scrapers.....	846,653	Mar. 12	1898	417	127	513
Engel, Albert W., Chicago, Ill. Perimeter-measuring device.....	846,461	Mar. 12	1498	332	127	409
Engel, Albert W., Chicago, Ill. Picture-mounting device.....	852,018	Apr. 30	6701	1393	127	3432
Engel, Frederick G., New York, N. Y. Automatic fire-escape machine.....	849,221	Apr. 2	1219	247-8	127	1900
Engel, William A., St. Louis, Mo. Car-coupling.....	861,957	July 30	5643	1565	129	1967
Engelbach, Augustus L., Denver, Colo. Ore crushing and grinding mill.....	845,067	Feb. 26	4667	991-2	126	3065
Engelberg Huller Co. (See Halstead, Willard, assignor.)						
Engelhardt, Stephan A., Columbus, Ohio. Meat-broiler.....	848,018	Mar. 26	4680	1020	127	1269
Engelhart, Louis B., St. Louis, Mo. Hopple.....	845,769	Mar. 5	74	15	127	22
Engelmann, Max, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Making alkyl ethers of aromatic bodies.....	863,792	Aug. 20	2649		129	2974
Engelquist, Andrew, Hardwood, Mich. Lock.....	852,832	May 7	938	192	128	210
Engelsman, Monroe, New York, N. Y. Gem-holder.....	854,158	May 21	3643	753	128	999
Engen, Peter, Townsend, Mont. Trap-setter.....	875,510	Dec. 31	6525	1361	131	2339
Enggren, Charles A., Brooklyn, N. Y. Clothes-line support.....	842,188	Jan. 29	4837	1032	126	1380
Engholm Ernest, New York, N. Y. Tobacco-pipe.....	873,222	Dec. 10	1893	396	131	1498
Engi, Gadiant, assignor to Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Yellow-red dye and making same.....	841,003	Jan. 8	2426		126	659
Engi, Gadiant, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Halogenated red dye and making same.....	848,354	Mar. 26	5302		127	1424
Engi, Gadiant, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Red-halogen vat dye and making same.....	848,355	Mar. 26	5303		127	1424
Engi, Gadiant, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Red-violet to blue vat-dyes and making same.....	848,356	Mar. 26	5304		127	1424
Engi, Gadiant, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Tribromo derivative of indigo and making same.....	856,687	June 11	2459		128	2351
Engi, Gadiant, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Tetrabromo derivative of indigo and making same.....	856,776	June 11	2630		128	2395
Engi, Gadiant, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Making a halogenated red dye.....	867,714	Oct. 8	740		130	1559
Engi, Gadiant, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Halogenated red vat-dye and making same.....	867,715	Oct. 8	740		130	1560
Engi, Gadiant, assignor to Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Stable hydrosulfite preparation and making same.....	872,114	Nov. 26	4155		131	1064
Engi, Gadiant, assignor to Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Mixed chlorobromo derivatives of indigo and making same.....	872,115	Nov. 26	4157		131	1065
Engi, Gadiant, assignor to Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Green vat-dye and making same.....	872,227	Nov. 26	4395		131	1102
Engi, Gadiant, assignor to Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Monochloromonobromo derivative of indigo and making same.....	872,280	Nov. 26	4485		131	1118
Engineering Specialty Company. (See Bliss, Donald M., assignor.)						
England, Emmett E., Denver, Colo. Tuning device for stringed instruments.....	841,384	Jan. 15	3212	693	126	906
England, James C., assignor of one-half to J. Coultrap, Zanesville, Ohio. Stage-brace.....	865,774	Sept. 10	1583	447	130	515

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England, James R., Dallas, assignor to England Organ & Piano Company, Houston, Tex. Reed-organ. (Reissue.)	12,670	July 9	2447	665-6	129	842
England Organ & Piano Company. (See England, James R., assignor.) (Reissue.)						
Englefield, Arthur, Longford, near Gloucester, England. Book-rest and the like.	847,052	Mar. 12	2682	589	127	709
Englefield, Arthur, Longford, near Gloucester, England. Book-rest and the like. (Re-issue.)	12,721	Nov. 19	3373	827	131	918
Englert, Charles J., Allegheny, Pa. Latch.	854,473	May 21	4231	875	128	1152
Englert, Joseph J., Chicago, Ill. Tag-feeder for tag-wiring machines.	841,079	Jan. 8	2585	566-7	126	702
Englert, Joseph J., Chicago, Ill. Tag-wiring machine.	844,998	Feb. 19	4510	961-3	125	2985
Englerth, Anton, Chicago, Ill. Calcu-meter.	862,324	Aug. 6	357	98-9	129	2195
Englisbee, William J. (See Theiss, Whann, and Englisbee.)						
English, Analdo M., Boston, Mass., assignor to Manufacturers Machine Company, Montclair, N. J. Sole rounding and channeling machine.	871,987	Nov. 26	3878	937-9	131	1022
English, James. (See Stark, William F., assignor.)						
English, James, assignor to Reynolds & Co., New Haven, Conn. Screw-machine.	870,499	Nov. 5	983	268-9	131	319
English, Thomas, Hawley, near Dartford, England. Drawing instrument for parallel ruling.	873,524	Dec. 10	2497	527	131	1600
English, William J., Cohoes, N. Y. Atomizer.	871,579	Nov. 19	3017	752	131	8598
Englund, Alexander. (See Newell and Englund.)						
Englund, Charles T., Wheaton, Minn. Buggy-thill connection.	864,295	Aug. 27	3411	948	129	3236
Englund, John, Minneapolis, Minn. Means for retarding the movements of vessels.	848,297	Mar. 26	5189	1132	127	1397
Engstrom, Charles F., St. Charles, Ill. Picture-mounting page or sheet.	846,099	Mar. 5	784	164	127	200
Engstrom, Jacob B., Manchester, Iowa. Fence-post mold.	841,080	Jan. 8	2588	567	126	703
Enk, Louis, Aschersleben, Germany. Device for making horseshoe-calks.	867,115	Sept. 24	3625	1029	130	1228
Enke, Carl, Schkenditz, Germany. Rotary pump.	863,706	Aug. 20	2514	694	129	2931
Ennis, Charles H. (See Farquharson, James B., assignor.)						
Ennis, John G., Apponaug, R. I. Gas-engine.	863,838	Aug. 20	2719	749-50	129	2991
Ennis, Michael, Newark, N. J. Bolt.	842,450	Jan. 29	5412	1149	126	1533
Ennis, William P., U. S. Army. Station-indicator.	848,298	Mar. 26	5191	1133	127	1398
Ennisson, Walter J., Hartford, Conn., assignor to Thorne Type Setting Machine Company. Type-justifying machine.	844,565	Feb. 19	3583	759-64	126	2758
Ennisson, Walter J., Hartford, Conn., assignor to Thorne Type Setting Machine Company. Type-justifying machine.	844,566	Feb. 19	3617	764-5	126	2764
Ennisson, Walter J., Hartford, Conn., assignor to Thorne Type Setting Machine Company. Type-justifying machine.	844,567	Feb. 19	3622	765-6	126	2766
Ennisson, Walter J., New York, N. Y., assignor to Unitype Company. Type-justifying machine.	844,568	Feb. 19	3628	766-74	126	2767
Ennisson, Walter J., New York, N. Y., assignor to Unitype Company. Type-justifying machine.	844,569	Feb. 19	3676	774-6	126	2777
Eno, Edward S., Elgin, Ill. Testing filled and closed cans.	857,388	June 18	3780	801	128	2723
Eno, Frank D., Auburn, and M. J. Cook, Syracuse, N. Y.; said Cook assignor to said Eno. Display-rack.	874,315	Dec. 17	4137	871	131	1895
Eno, G. C., et al. (See Houghton, Charles L., assignor.)						
Enochs, Claude D. (See Scribner and Enoch.)						
Enochs, Claude D., La Crosse, Wis., assignor to Vote-Berger Company. Telephone-exchange apparatus.	854,203	May 21	3737	773	128	1025
Enochs, Claude D., La Crosse, Wis., assignor to Vote-Berger Company. Telephone-exchange apparatus.	854,204	May 21	3739	773	128	1026
Enochs, Claude D., La Crosse, Wis., assignor to Western Electric Company, Chicago, Ill. Coin-collecting apparatus for telephone-exchanges.	860,647	July 23	3600	986	129	1287
Enos, Silvanus F., assignor of one-half to J. J. Hoag, Mattoon, Ill. Geographical locator.	848,019	Mar. 26	4681	1020-1	127	1269
Enrico, Giovanni, Turin, Italy. Carburetor for oil-engines.	860,908	July 23	3994	1094-5	129	1414
Enrico, Giovanni, assignor to F. I. A. T. Fabbrica Italiana Automobili Torino, Turin, Italy. Apparatus for supplying water or other liquids to brakes.	841,314	Jan. 15	3074	665	126	896
Enrico, Giovanni, assignor to F. I. A. T. Fabbrica Italiana Automobili Torino, Turin, Italy. Brake for motor-vehicles.	857,272	June 18	3559	753	128	2667
Enright, Bernard, South Bethlehem, Pa. Manufacture of hydraulic cement.	854,342	May 21	3982	823	128	1092
Enright, Frederick T. (See Martin, Henry J. S., assignor.)						
Enright, Isaac N., San Francisco, Cal. Combined gas-seal box and washer.	840,445	Jan. 1	1328	294	126	347
Enright, Isaac N., San Francisco, Cal. Gas-generator.	855,699	June 4	488	102	128	1820
Enright, Roger, Los Angeles, Cal. Universal joint for pipes.	848,162	Mar. 26	4911	1072-3	127	1327
Ensel, William L. (See Burnett, William H., assignor.)						
Ensign, Ely, Dallas, assignor to W. Nolte, Seguin, Tex. Cushioned holder for dating-stamps.	850,471	Apr. 16	3568	746	127	2573
Ensign, Emory S., Cambridge, assignor to Ensign Manufacturing Company, Boston, Mass. Calculating-machine.	859,552	July 9	1909	513	129	671
Ensign Manufacturing Company. (See Ensign, Emory S., assignor.)						
Ensruud, Carl J., and C. K. Stockland, Stephen, Minn. Wheeled barn-fork.	861,274	July 30	4586	1252-3	129	1643
Enterprise Manufacturing Company. (See Grove, Frank H., assignor.)						
Enterprise Manufacturing Company. (See Haverly, Elmer J., assignor.)						
Enterprise Manufacturing Company. (See Llewellyn and Pflueger, assignors.)						
Enterprise Manufacturing Company. (See Pflueger, Joseph E., assignor.)						
Enterprise Manufacturing Company of Pennsylvania. (See Fellows, Joseph, assignor.)						
Enterprise Novelty & Manufacturing Company. (See Stone, William G., assignor.)						
Enterprise Railway & Equipment Company. (See Campbell, Argyle, assignor.)						
Entringer, Nicholas, St. Cloud, Wis. Milk-strainer.	851,983	Apr. 30	6591	1374	127	3403
Entwisle, Edward B., Johnstown, Pa., assignor to Lorain Steel Company. Tongue-switch.	843,879	Feb. 12	2053	439	126	2341
Entwisle, Ernest J., Barnsley, England. Mechanism for changing shuttles in looms.	841,492	Jan. 15	3424	737-8	126	960
Entz, Justus B., Philadelphia, Pa. System of electrical distribution.	865,368	Sept. 10	946	272	130	315
Epeneter, John C., Denver, Colo. Adding and subtracting machine.	856,236	June 11	1520	320-2	128	2111
Ephraim, Ferdinand, San Francisco, Cal. Vehicle-wheel.	857,335	June 18	3676	777	128	2698
Epler, John C., Philadelphia, Pa. Garment-hanger and lock.	844,305	Feb. 12	2890	614-15	126	2552
Epping-Carpenter Company. (See Paulsen, Peder, assignor.)						
Eppler, Andrew, Jr., Boston, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Shoe-turning machine.	851,737	Apr. 30	6082	1271	127	3273
Eppley, Charles S., and M. E. Stonesifer, York, Pa.; said Stonesifer assignor to said Eppley. Steam-cooker.	850,824	Apr. 16	4244	892	127	2744
Equilibrator Company. (See Fuerth, William G., assignor.)						
Equitable Asphalt Maintenance Company. (See Lutz, George H., assignor.)						
Erb, Edmund M., Jersey City, assignor to R. M. Dixon, East Orange, N. J. Sash construction.	871,215	Nov. 19	2220	587	131	737
Erb, Edmund M., Jersey City, assignor to R. M. Dixon, East Orange, N. J. Window construction.	871,216	Nov. 19	2222	587	131	737
Erb, Edmund M., Jersey City, assignor to R. M. Dixon, East Orange, N. J. Sash construction.	871,217	Nov. 19	2223	587	131	737

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Erb, Edmund M., Jersey City, assignor to R. M. Dixon, East Orange, N. J. Sash construction	871,218	Nov. 19	2224	588	131	738
Erb, William B., Chicago, Ill. Pump	867,261	Oct. 1	46	15	130	1229
Erber, Josef. (See Homolka and Erber.)						
Erbes, Philip H., Chicago, Ill. Fireless cook-stove or cooking-oven	847,402	Mar. 19	3369	738	127	908
Erby, Charles E., Chicago, Ill. Ventilator	842,308	Jan. 29	5076	1081-2	126	1439
Erd, Harry S., Saginaw, Mich. Device for filling grease-cups	858,167	June 25	5358	1139	128	3152
Erdmann, Ernst, assignor to Actien Gesellschaft für Anilin Fabrikation, Halle-on-the-Saale, Germany. Para-aminodiphenylamin sulfonic acid and making the same	869,073	Oct. 22	2936		130	2285
Erdmann, William, assignor to Gem Hammock & Fly Net Company, Milwaukee, Wis. Fly-net	861,447	July 30	4877	1337	129	1731
Erdner, George C. (See Reddy, Thomas E., assignor.)						
Erhart, Charles B., Cincinnati, Ohio, and E. Galatti, Covington, Ky. Vessel-positioning device	851,080	Apr. 23	4729	995	127	2905
Erickson, Karl F., New York, N. Y. Motor	867,648	Oct. 8	645	182-3	130	1520
Erickson, Waldemar, Minneapolis, Minn. Car-axle-box lid	858,505	July 2	250	61	129	91
Erickson, Bror E. (See Albrecht and Erickson.)						
Erickson, Carl A. (See Morgan and Erickson.)						
Erickson, Charles H., assignor to Cleveland Wire Spring Co., Cleveland, Ohio. Piling box or tray	864,761	Aug. 27	4161	1155	129	3470
Erickson, Charles H., assignor to Cleveland Wire Spring Co., Cleveland, Ohio. Metallic stool	868,420	Oct. 15	1893	531	130	1932
Erickson, Charles H., and J. P. Nystrom, Cleveland, Ohio. Friction-clutch	846,654	Mar. 12	1899	418	127	514
Erickson, Charles J. (See Brisco and Erickson.)						
Erickson, Christina, Chicago, Ill. Laundry-stand	853,300	May 14	1902	395	128	520
Erickson, Edward S., and W. A. Heilmann, assignors to Romadka Brothers Company, Milwaukee, Wis. Bag-fastener	843,934	Feb. 12	2162	462	126	2370
Erickson, Erick A. (See Anderson and Erickson.)						
Erickson, Erick A. (See Anderson, Erickson, and Wickstrom.)						
Erickson, Erick H., Minneapolis, Minn. Supporter for artificial legs	854,282	May 21	3885	801	128	1065
Erickson, Frederic W. (See Lord and Erickson.)						
Erickson, Frederic W., New York, N. Y. Outlet-box	848,888	Apr. 2	590	117	127	1740
Erickson, Frederic W., New York, N. Y. Circuit-closing device	854,205	May 21	3741	773	128	1026
Erickson, Frederick W., New York, N. Y. Fountain-pen	849,110	Apr. 2	1006	203	127	1845
Erickson, Harry. (See Newbaker, William L., assignor.)						
Erickson, John, Sheyenne, N. D. Flush hinge	845,863	Mar. 5	257	53	127	66
Erickson, John, assignor to Automatic Electric Company, Chicago, Ill. Interrupter for electromagnets	841,004	Jan. 8	2427	530	126	659
Erickson, John, assignor to Automatic Electric Company, Chicago, Ill. Electrothermal switch	851,410	Apr. 23	5410	1133	127	3075
Erickson, John E., St. Paul, Minn. Mortise and tenon sawing machine	851,123	Apr. 23	4803	1011-12	127	2922
Erickson, John E., St. Paul, Minn. Self-feed for mortise and tenon sawing machines	854,410	May 21	4111	851-2	128	1123
Erickson, John E., St. Paul, Minn. Box-setting-up machine	875,164	Dec. 31	5845	1220-1	131	2229
Erickson, Knute, New York, N. Y. Book-mark	865,092	Sept. 3	513	141	130	156
Erickson, Lauritz H., Gunnison, Utah. Ditching-machine	855,507	June 4	124	25	128	1725
Erickson, Martin B., Minneapolis, Minn. Compound rotary engine	863,520	Aug. 13	2236	604-5	129	2812
Erickson, Martin D. (See Darling, Preston, and Erickson.)						
Erickson, Mathew. (See Quinn, David H., assignor.)						
Erickson, Sidney W., Red Wing, Minn. Attachment to elbows of wind-stackers	867,716	Oct. 8	741	207-8	130	1560
Ericsen, John, Chicago, Ill. Time-recorder	854,281	May 21	3882	800-1	128	1065
Ericsen, John V., Chicago, Ill. Sail-reefing apparatus	855,238	May 28	5779	1204	123	1574
Ericsen, Lars G. (See Ericson, Pierre V. and L. G.)						
Ericson, Pierre V. and L. G., assignors to P. V. and L. G. Ericson, B. Farner, and R. H. Days, New York, N. Y. Line-drier	867,959	Oct. 15	1183	326	130	1716
Ericsson, Albert N. (See McKee, William J., assignor.)						
Ericsson, Gustaf. (See Sundberg and Ericsson.)						
Erie Engine Works. (See Hardwick, William, assignor.)						
Eriksson, Petter, Lund, and S. P. Nielsen, Vesteras, Sweden. Core-pressing apparatus	866,852	Sept. 24	3218	905	130	1104
Erixon, Emil, New York, N. Y. Machine for propelling plows or other agricultural implements	868,851	Oct. 22	2597	717	130	2178
Erlandsen, Julius, New York, N. Y. Wire-mattress stretcher	870,552	Nov. 12	1068	290-1	131	377
Erlar, August, Carroll, Iowa. Washing-machine	868,172	Oct. 15	1487	421	130	1810
Erlar, August, Carroll, Iowa. Hinge	868,173	Oct. 15	1488	421	130	1810
Erlitz, Albert, Stillwater, Minn. Burial-vault	867,813	Oct. 8	902	256	130	1609
Ermeler, Richard, Berlin, Germany. Machine for making conical cigarettes	850,742	Apr. 16	4091	855	127	2704
Ermentrout, William H., Reading, Pa. Disinfecter for water-closets	843,080	Feb. 5	491	103	126	1919
Ernold, George, Elizabeth, N. J. Tapping-die	867,262	Oct. 1	48	15	130	1330
Ernsberger, Harvey K., Norwalk, Ohio. Water-heater	874,316	Dec. 17	4138	871	131	1896
Ernst, Alfred. (See Rothberg and Ernst.)						
Ernst, Alfred, assignor to Coal and Coke By-Products Company, Pittsburg, Pa. Machine for charging coke-ovens	875,571	Dec. 31	6632	1387-8	131	2358
Ernst, Charles A., Lansdowne, assignor to S. W. Pettit, Philadelphia, Pa. Spinning-head	858,648	July 2	511	131-2	129	177
Ernst, Charles A., Lansdowne, assignor to S. W. Pettit, Philadelphia, Pa. Forming filaments out of viscose or similar viscous material	863,793	Aug. 20	2650		129	2975
Ernst, Friedrich. (See Ernst, Karl A., assignor.)						
Ernst, George F., St. Louis, Mo. Pipe-hanger	851,505	Apr. 23	5594	1171	127	3118
Ernst, Harry A., et al. (See Murdoch, Michael J., assignor.)						
Ernst, Herman P. (See Brown, Ernst, and Canouts.)						
Ernst, Jacob C., et al. (See Funk, Henry M., assignor.)						
Ernst, Karl A., assignor of one-half to F. Ernst, Jersey City Heights, N. J. Scudding skins and hides	850,146	Apr. 16	2946	617	127	2409
Ernst, Otto, and G. Gullbransson, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Monoazo dye for lakes and making same	858,065	June 25	5161		128	3102
Erste Triester-Reisschäl-Fabriks-Aktien-Gesellschaft. (See Morpurgo, Giulio, assignor.)						
Erste Wiener Export-Malzfabrik Hauser & Sobotka. (See Pollak, Isidor, assignor.)						
Ertel, George, Fort Wayne, Ind. Cistern-cover	843,801	Feb. 12	1900	407	126	2304
Ertheler, Philip H., Philadelphia, Pa. Propelling endless aprons for conveyers and for feeding machinery	840,446	Jan. 1	1329	294	126	347
Ertner, Julius, and A. Jeremiás, assignors to Firm of Első Magyar Autometer-társaság Fleiner és Ertner, Budapest, Austria-Hungary. Weighing apparatus	864,460	Aug. 27	3663	1019	129	3320
Ervin, Dabney L., Columbus, Miss. Combined carpet-stretcher and tack-hammer	868,852	Oct. 22	2599	717	130	2178
Ervin, George M., Johnstown, Pa., assignor to Lorain Steel Company. Adjustable guard-rail chock	843,880	Feb. 12	2054	439-40	126	2341
Ervin, George M., Johnstown, Pa., assignor to Lorain Steel Company. Split switch	869,298	Oct. 29	3285	905	130	2421

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Erwood, John, Chicago, Ill. Valve.....	859,441	July 9	1740	464	129	617
Erwood, John, Chicago, Ill. Rolling door.....	873,359	Dec. 10	2184	456	131	1545
Erzen, Johan. (See Nacht, Salomon, and Erzen.)						
Erzig, Nikolaus, Chicago, Ill. Clothes-line reel.....	859,808	July 9	2287	623	129	794
Eschelbacher, Emanuel, New York, N. Y. Sewing-machine attachment.....	867,263	Oct. 1	49	15	130	1330
Eschenbrenner, Carl, Oberlahnstein, Germany. Sewer-pipe.....	873,851	Dec. 17	3171	675	131	1744
Eschholz, Otto A., Springfield, Mass., H. Weber, Winsted, and K. H. Wolmann, Burlington, Conn. Supporting attachment for windows.....	852,172	Apr. 30	6986	1458	127	3504
Eschinger, Edward A., assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Type-mold.....	857,728	June 25	4449	940	128	2923
Escoffier, Fernand F. (See Ehrlich and Escoffier.)						
Eshelman, Stephen F., Sardis, Ohio, assignor of one-half to D. E. Thoenen, Sistersville, W. Va. Belt-stretcher.....	854,343	May 21	3988	824	128	1092
Eshelman, Stephen F., Sardis, Ohio, and D. E. Thoenen, Sistersville, W. Va. Belt-stretcher.....	846,786	Mar. 12	2145	471	127	576
Eskilsson, Theodor, New York, N. Y. Curtain-hoisting apparatus.....	845,731	Feb. 26	5978	1263-4	126	3392
Esler, Carlisle H. (See Carter, Samuel C., assignor.)						
Esperson, William E., New York, N. Y. Ventilator or chimney-cap.....	865,877	Sept. 10	1761	490	130	581
Espy, George F., Union Furnace, Pa. Sliding jack-switch.....	847,750	Mar. 19	4090	893	127	1089
Esser, Christian, deceased; E. Bousek, executor, Wiener-Neustadt, Austria-Hungary, assignor to Pilgrim Paper Company, New York, N. Y. Paper and paper-board.....	844,657	Feb. 19	3856		126	2819
Esser, Christian, deceased; E. Bousek, executor, Wiener Neustadt, Austria-Hungary, assignor, by mesne assignments, to E. P. Metcalf, Providence, R. I., A. Loewenthal and C. E. Dunn, trustees, New York, N. Y. Paper or board.....	867,471	Oct. 1	362		130	1425
Esser, John W., Gravelly Hill, Birmingham, England. Breech-loading small-arms.....	853,073	May 7	1427	298	128	362
Essex, George B., Detroit, Mich. Multiple sight-feed oiler.....	855,167	May 28	5648	1175	128	1540
Essick, William B., Manley, Nebr. Harrow.....	847,051	Mar. 12	2680	589	127	700
Estate Stove Company. (See Eisenberg, John, assignor.)						
Estate Stove Company. (See Kahn and Christ, assignors.)						
Estell, Samuel F., Los Angeles, Cal. Sash-lock.....	845,454	Feb. 26	5447	1153-4	126	3261
Estell, Samuel F., Los Angeles, Cal. Curtain-fixture.....	864,411	Aug. 27	3577	995	129	3289
Estell, Samuel F., Los Angeles, Cal., and F. W. G. Phillips, Wilmette, Ill. Trolley and harp therefor.....	873,419	Dec. 10	2296	479	131	1565
Estep, Arthur B. (See Richardson, Robert, assignor.)						
Estep, Blair A., South Bend, Ind. Attachment for steam-boilers.....	846,100	Mar. 5	785	164	127	209
Estep, Harvey C., Aberdeen, S. D. Device for testing explosive-engines.....	864,412	Aug. 27	3579	995	129	3289
Estep, Simeon R., Lake Butler, Fla. Vehicle.....	855,508	June 4	125	25-6	123	1725
Estes, Loring V., and R. W. Wells, Vallejo, Cal. Apparatus for atomizing oil.....	861,362	July 30	4729	1291	129	1688
Estes, William B., Danville, Ill. Smoke-consuming furnace.....	842,189	Jan. 29	4838	1032	126	1380
Estes, William B., assignor to Atlanta Horse Collar Company, Atlanta, Ga. Fabric horse-collar.....	841,005	Jan. 8	2429	530-1	126	660
Estes, William B., assignor to Gate City Horse Collar Company, Atlanta, Ga. Horse-collar.....	843,447	Feb. 5	1198	252	126	2090
Estey Organ Company. (See Haskell, William E., assignor.)						
Estler, Paul T. J., London, England. Store-bin.....	873,664	Dec. 10	2755	584	131	1647
Esty Sprinkler Company. (See Esty, William, assignor.)						
Esty, William, assignor to Esty Sprinkler Company, Laconia, N. H. Automatic sprinkler for stationary fire-extinguishing apparatus and fusible link employed therewith.....	868,602	Oct. 15	2195	611	130	2030
Etherington, James B. (See Kenyon, Daniel M., assignor.)						
Ethridge, Edward, Stattler, Ark. Harrow.....	870,351	Nov. 5	758	202	131	249
Ethridge, Martin V. B., New York, N. Y. Postmarking and canceling machine.....	854,815	May 28	4905	1020-1	128	1350
Ethridge, Martin V. B., New York, N. Y. Canceling and postmarking machine.....	871,330	Nov. 19	2484	641-2	131	777
Ethridge, William E., Schlatter, Miss. Valve-discharge.....	874,752	Dec. 24	5008	1055	131	2071
Ette, Charles G., St. Louis, Mo. Nut-lock washer.....	867,116	Sept. 24	3626	1029	130	1228
Ette, Charles G., St. Louis, Mo. Washer.....	869,235	Oct. 29	3176	874	130	2385
Etzel, Johann, Brooklyn, N. Y. Cooler for beer or other beverages.....	848,228	Mar. 26	5028	1099	127	1357
Etter, Albert F., Ettersburg, Cal. Strainer.....	869,165	Oct. 22	3064	846	130	2324
Etter, Edward E., Chambersburg, Pa. Wall-papering machine.....	847,924	Mar. 19	4464	978-9	127	1179
Etter, Henry M., Shippensburg, Pa. Pump.....	846,101	Mar. 5	786	164-5	127	201
Etter, William H., Marietta, Ohio. Combined weather-strip and guide.....	855,293	May 28	5879	1225	128	1599
Etter, William H., Marietta, Ohio. Weather-strip.....	875,250	Dec. 31	6013	1254	131	2257
Ettinger, Edwin. (See Stanfield, William T., assignor.)						
Eubank Indicator Manufacturing Company. (See Eubank, Reuben B., Jr., assignor.)						
Eubank, Josephus H., Ysleta, Tex. Windmill-tower.....	865,580	Sept. 10	1291	366	130	421
Eubank, Reuben B., Jr., Kansas City, Kans., assignor to Eubank Indicator Manufacturing Company. Annunciator for cars.....	855,393	May 28	6044	1262	128	1640
Eubank, Reuben B., Jr., Kansas City, Kans., assignor to Eubank Indicator Manufacturing Company. Annunciator for cars.....	860,597	July 16	3495	961-2	129	1220
Eubank, Samuel F., assignor of one-third to C. S. Harris and J. Garnett, Columbia, Ky. Implement for extracting spikes and bolts.....	870,422	Nov. 5	879	236	131	290
Eugene Dietzgen Company. (See Weston, William S., assignor.)						
Eugster, Conrad, Passaic, N. J. Fabric-holding rack for embroidery-machines.....	839,923	Jan. 1	246	52	126	68
Euker, George W., Pittsfield, Mass., assignor to Stanley G. I. Electric Mfg. Company. Motor-control apparatus.....	857,797	June 25	4590	972	128	2958
Eukers, George R., and R. H. Atcheson, Chicopee, Mass. Tire-covering.....	867,717	Oct. 8	742	208	130	1560
Eulenstein, Eduard, Leipzig, Germany. Copying-press.....	873,553	Nov. 12	1072	291-2	131	379
Euller, Montford R. (See Bensinger and Euller.)						
Eureka Drill Steel Company. (See Glaze, Frederick E., assignor.)						
Eureka Electric Company. (See Mehren, Martin V., assignor.)						
Eureka Manufacturing Co. (See Rink, Joseph C., assignor.)						
Eureka Manufacturing Company. (See Egle, William, assignor.)						
Eureka Manufacturing Company. (See Short, Henry E., assignor.)						
Eureka Tempered Copper Works. (See Risbridger, John, assignor.)						
Eureka Vibrator Co. (See Stecker, Alfred J., assignor.)						
Eustace, Edward C. (See Lacomme, Gaston, assignor.)						
Eustice, Alfred L., Chicago, Ill. Switch.....	847,925	Mar. 19	4466	979	127	1179
Eustis, John P., Newtonville, Mass. Soap-dish.....	844,858	Feb. 19	4270	910	126	2926
Evan, Joseph S., Minnesota Lake, Minn. Separator.....	859,933	July 16	2459	676	129	889
Evan, Joseph S., Minnesota Lake, Minn. Grain-separator.....	862,624	Aug. 6	880	235-6	129	2358
Evans, Albert E., assignor to National Tube Company, Pittsburg, Pa. Traveling crane.....	846,837	Mar. 12	2259	495-6	127	605
Evans, Benjamin J. (See Jones and Evans.)						
Evans, Charles G. (See Evans, Evan W., assignor.)						
Evans, Charles S., Dayton, Ohio. Dental implement.....	867,264	Oct. 1	50	15	130	1330
Evans, Charles W., London, England. Tree or stretcher for boots and shoes.....	844,786	Feb. 19	4134	881	126	2392

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Evans, David C. (See Hughes and Evans.)						
Evans, David J. (See Andresen, Herman P., assignor.)						
Evans, Edward E. (See Tower, Wallace G., assignor.)						
Evans, Evan, assignor to Evans Manufacturing Company, Butler, Pa. Means for controlling gas-engines.	845,732	Feb. 26	5984	1264	126	3394
Evans, Evan F., Burlington, Iowa. Ice-cutting machine.	846,292	Mar. 5	1134	248	127	287
Evans, Evan W., Greenwood, British Columbia, Canada. Rock-drill.	865,174	Sept. 3	620	175	130	188
Evans, Evan W., Greenwood, British Columbia, Canada. Sight for firearms.	871,034	Nov. 12	1852	507	131	629
Evans, Evan W., assignor of one-half to C. G. Evans, Marysville, British Columbia, Canada. Rock-drill.	865,175	Sept. 3	622	176	130	188
Evans, Fred C., assignor of one-half to F. T. Brock, Ithaca, N. Y. Railway-tie and rail-fastener.	854,993	May 28	5274	1097	128	1445
Evans, George D., Sharon, assignor to American Sheet & Tin Plate Company, Pittsburg, Pa. Feed mechanism for tandem mills.	864,727	Aug. 27	4116	1143	129	3458
Evans, George D., Sharon, assignor to American Sheet & Tin Plate Company, Pittsburg, Pa. Opening packs.	874,753	Dec. 24	5009	1055-6	131	2071
Evans, George R., Philadelphia, Pa. Attachment for drawing-boards.	846,987	Mar. 12	2548	561	127	678
Evans, Harry F., Hynes, Iowa. Curtain-roller.	856,454	June 11	2015	414	128	2239
Evans, James A., and J. F. Wolff, Deer Lodge, Mont. Finger-guide.	853,074	May 7	1430	299	128	363
Evans, James S., Lovelace, Tex. Cultivator attachment.	854,474	May 21	4232	875	128	1153
Evans, John, Denver, Colo. Shade-roller.	846,192	Mar. 5	960	203	127	243
Evans, John, Jr. (See Steiner and Evans.)						
Evans, John, Jr., and G. A. Steiner, Salt Lake City, Utah. Soap-holder.	847,053	Mar. 12	2682	589	127	710
Evans, John A. (See Evans, Newton R., assignor.)						
Evans, John A., Yellowstone Park, Wyo. Saddle-pack cover.	849,667	Apr. 9	2077	426-7	127	2152
Evans, John W., Bernie, Mo. Box-lid fastening.	868,334	Oct. 15	1757	496	130	1891
Evans, Kenneth H., Exeter, assignor to Weldhen & Bleriot Limited, London, England. Lamp-shade for road-vehicles.	858,968	July 2	1036	272	129	354
Evans, Leon, Medford, Oreg. Centerer.	863,909	Aug. 20	2828	778	129	3031
Evans, Lewis J., Kirkwood, N. Y. Mail-bag catching and delivering device.	870,872	Nov. 12	1594	437-8	131	549
Evans Manufacturing Company. (See Evans, Evan, assignor.)						
Evans, Michael P., assignor to Sharp & Smith, Chicago, Ill. Finger-print-registering device.	845,624	Feb. 26	5747	1216	126	3335
Evans, Newton R., assignor to J. A. Evans, Richmond, Ind. Window-lifter.	843,881	Feb. 12	2055	440	126	2341
Evans Phonograph Record Company. (See Reiners, Charles A., assignor.)						
Evans Powell, Philadelphia, Pa. Ventilator.	869,074	Oct. 22	2938	809	130	2285
Evans, Ralph P., and W. P. Flynn, Ulysses, Nebr. Grain-car-door fastener.	868,530	Oct. 15	2083	592	130	1992
Evans, Richard J., Van Wert, Ohio. Lacing device.	853,075	May 7	1431	299	128	363
Evans, Samuel J., Bluefield, W. Va. Motor.	816,293	Mar. 5	1135	248	127	388
Evans, Scott F., Minneapolis, Minn. Automatic non-reversing stop.	875,336	Dec. 31	6192	1291	131	2283
Evans & Son, S. W. (See Gaskill, William H., assignor.)						
Evans, Thomas, Great Falls, Mont. Surface-gage.	860,084	July 16	2734	745-6	129	968
Evans, Walter P., and C. W. Carr, Meadow Grove, Nebr. Baling-press.	866,637	Sept. 24	2886	815-16	130	996
Evans, William J., Minneapolis, Minn. Fish-hook.	841,951	Jan. 22	4330	933	126	1222
Evans, William J., Aspinwall, Pa. Slab and core holder.	866,446	Sept. 17	2607	728	130	890
Evard, John S. (See Lorenz, Jacob, assignor.)						
Evarts, John S. (See Fisher and Evarts.)						
Eveland, Samuel S., Philadelphia, Pa. Electric heating.	848,163	Mar. 26	4912	1073	127	1328
Eveland, Samuel S., Philadelphia, Pa. Roller-bearing.	865,636	Sept. 10	1377	391	130	450
Eveleth, Charles E. (See Hewlett and Eveleth.)						
Eveleth, Charles E., Schenectady, N. Y., assignor to General Electric Company. Electric switch.	844,787	Feb. 19	4136	882	126	2893
Eveleth, Charles E., Schenectady, N. Y., assignor to General Electric Company. Electric conductor.	861,100	July 23	4296	1179	129	1511
Eveleth, Charles E., Schenectady, N. Y., assignor to General Electric Company. Protective device for series transformers.	863,163	Aug. 13	1714	461	129	2649
Ever-Ready Fire Extinguisher Co. (See Brent, Charles, assignor.)						
Everest, Augustine R., Lynn, Mass., assignor to General Electric Company. Controlling means for single-phase motors.	847,172	Mar. 12	2895	637	127	762
Everest, Homer A., Mattapoisett, Mass. Bottle.	852,426	May 7	31	7	128	10
Everett, Edward A. (See Ross, James J., assignor.)						
Everett, Ernest C., assignor to R. E. Dietz Company, New York, N. Y. Lantern.	861,643	July 30	5163	1417	129	1823
Everett, Ernest C., assignor to R. E. Dietz Company, New York, N. Y. Lens-fastening for lamps.	864,413	Aug. 27	3580	995	129	3289
Everett, Ernest C., assignor to R. E. Dietz Company, New York, N. Y. Lantern-guard.	864,414	Aug. 27	3581	995	129	3289
Everett, Ernest C., assignor to R. E. Dietz Company, New York, N. Y. Lantern.	864,415	Aug. 27	3582	996	129	3289
Everett, Ernest P., New York, N. Y. Paper barrel.	872,918	Dec. 3	1254	268	131	1364
Everett, George E., Chicago, Ill. Operating mechanism for portable dump-beds.	867,649	Oct. 8	646	183	130	1531
Everett, Henry F., West Roxbury, assignor to F. P. Partridge, Boston, Mass. Handled implement.	840,832	Jan. 8	2076	460	126	572
Everett, Robert L., Scottsbluff, Nebr. Ditching-machine.	841,315	Jan. 15	3075	665	126	870
Everett, William H. H., Newton Falls, Ohio. Electric fire-alarm.	851,506	Apr. 23	5595	1171	127	3118
Everit, Edward H. et al. (See Morris, Thomas M., assignor.)						
Everitt, Walter E., and E. G. Thompson, Buffalo, N. Y.; said Thompson assignor of one-third of his right to said Everitt. Lawn-mower.	859,172	July 2	1325	352	129	446
Evers, Christian H., Birmingham, Ala. Portable test-meter.	854,881	May 28	5071	1054-5	128	1394
Evershed, Sydney, assignor to himself and Evershed and Vignoles Limited, Chiswick, England. Apparatus for measuring electrical resistances.	858,335	June 25	5645	1208	128	3225
Evershed and Vignoles. (See Evershed, Sydney, assignor.)						
Everton, William Y. (See Smith, Adam T., assignor.)						
Evey, John M., Monmouth, Ill. Dental root-impression and crown-mounting instrument	854,283	May 21	3886	801	128	1065
Ewald, Julius, Minneapolis, Minn. Folding box.	863,521	Aug. 13	2238	605	129	2813
Eward, Clarence T., Greensburg, Ind. Vapor-lamp.	851,348	Apr. 23	5293	1109	127	3045
Ewbank, Herbert B., Jr., assignor to H. A. Taylor, New York, N. Y. Tire for wheels.	868,079	Oct. 15	1364	382	130	1772
Ewell, Herbert P., Rochester, Mich. Apparatus for the manufacture of reducing-amalgam.	841,006	Jan. 8	2431	531	126	660
Ewen, Edward C. (See Stone, Edward A., assignor.)						
Ewerlöf, Per S. (See Blomén and Ewerlöf.)						
Ewers, Albert O. (See McAdams, Lewis C., assignor.)						
Ewers, Orlando, Longmont, Colo. Wagon-loading device.	866,638	Sept. 24	2890	816	130	997
Ewing, Charles H., Reading, Pa. Rail-fastening.	854,728	May 28	4735	984	128	1307
Ewing, Joseph H. (See Ewing, Martin A. and J. H.)						
Ewing, Lewis D., Akron, Ohio. Fence-post.	840,124	Jan. 1	688	147	126	188
Ewing, Lewis D., Akron, Ohio. Ventilated fireproof wall.	849,776	Apr. 9	2271	466-7	127	2202
Ewing, Lewis D., Akron, Ohio. Concrete-molding machine.	872,333	Dec. 3	24	5-6	131	1173
Ewing, Martin A. and J. H., Gallatin, Tenn. Electric signal.	861,958	July 30	5644	1565	129	1968

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Ewins, George M., Cedar Rapids, Iowa. Automobile-tire.....	857,796	June 25	4589	972	128	2958
Exbrayat, Alphonse, Levallois, France. Manufacture of briquets.....	849,058	Apr. 2	893		127	1815
Excelsior Needle Company. (See Lamb, Amherst G., assignor.)						
Excelsior Spark Plug Co. (See Bullock, Arthur R., assignor.)						
Exler, George W. (See Hellstrom and Exler.)						
Exmoor Storage Battery Company. (See Morrison, William, assignor.)						
Export and Domestic Can Company. (See Norton, Horatio N., assignor.)						
Exterkamp, George J., assignor of one-half to J. A. Thobe, Covington, Ky. Electrical signaling apparatus for engines.....	854,344	May 21	3990	824	128	1093
Eyer mann, Peter, Beloit, Wis. Gas-producer.....	840,447	Jan. 1	1330	295	126	348
Eyer mann, Peter, Beloit, Wis. Producer-gas plant.....	847,054	Mar. 12	2684	590	127	710
Eyer mann, Peter, assignor to Fairbanks-Morse Manufacturing Co., Beloit, Wis. Gas-producer.....	858,589	July 2	394	102	129	140
Eymann, Cornelius D., Greenfield, Iowa. Means for protecting corn-popper handles.....	860,793	July 23	3819	1047	129	1357
Eymon, J. H., <i>et al.</i> (See Dorward, Edwin P., assignor.)						
Eynon, James and J. R., Philadelphia, Pa. Furnace.....	869,698	Oct. 29	3934	1084-5	130	2618
Eynon, John R. (See Eynon, James and J. R.)						
Eynon, Thomas, Chicago, Ill. Indicator.....	862,889	Aug. 13	1290	350	129	2514
Eyth, Louis J., assignor of one-half to J. C. Aber and M. Yost, Butler, Pa. Wrench.....	864,521	Aug. 27	3773	1048	129	3354
Ezekiel, Richard C., Carbon Hill, Ala. Vegetable-slicer.....	872,919	Dec. 3	1255	268	131	1365
F. Hohlfelder Company. (See Kroeke, Alfred J., assignor.)						
F. Wesel Manufacturing Company. (See Renken, Henry A., assignor.)						
F. Wesel Manufacturing Company. (See Winter, Herman, assignor.)						
F. A. Hardy & Company. (See Troppman, Charles J., assignor.)						
F. A. Neider Co. (See Freschl, Alfred, assignor.)						
F. A. Neider Co. (See Marggraff, Fredrick, assignor.)						
F. C. Austin Drainage Excavator Company. (See Jacobs, Charles C., assignor.)						
F. C. Austin Manufacturing Company. (See Rhodes, Jay B., assignor.)						
F. E. Bowers Co. (See Bowers, Fredson E., assignor.)						
F. E. Myers and Brother. (See Myers, Philip A., assignor.)						
F. E. Reed Co. (See Back, John R., assignor.)						
F. F. Slocomb & Co. (See Slocomb, Frank F., assignor.)						
F. H. Hill Company. (See Barmore, Nathaniel L., assignor.)						
F. H. Noble & Co. (See Anderson, Emil, assignor.)						
F. H. Sadler Co. (See Sadler, Louis E., assignor.)						
F. I. A. T. Fabbri Italia Automobili Torino. (See Enrico, Giovanni, assignor.)						
F. L. Schafuss Company. (See Uffner, Hyman, assignor.)						
F. M. Shaw & Son. (See Shaw, Linus H., assignor.)						
F. N. Clafin Engineering Company. (See Clafin, George D., Jr., assignor.)						
F. & N. Lawn Mower Company. (See Brown, Levi, assignor.)						
F. & N. Lawn Mower Company. (See King, Charles, assignor.)						
F. S. M. Syndicate. (See Malmstrom, Knut, assignor.)						
F. W. Niebling Company. (See Niebling, Frederick W., assignor.)						
Faber, Charles A., Toledo, Ohio. Self-filling fountain-pen.....	851,081	Apr. 23	4731	995	127	2906
Faber, Eberhard. (See Fleming, Clarence C., assignor.)						
Faber, Eberhard, New York, N. Y. Eraser.....	840,485	Jan. 8	1416	312	126	408
Faber, Frank M. (See Elliott and Faber.)						
Faber, Frank M., Pittsburg, Pa., assignor to Pittsburg Pneumatic Company, Canton, Ohio. Fluid-pressure tool.....	853,201	May 7	1672	346	128	421
Faber, Homo, Chicago, Ill. Folding reed-organ.....	871,262	Nov. 19	2319	605-6	131	753
Faber, John P. (See Veazie, Arthur H., assignor.)						
Faber, Richard. (See Westphal, Heinrich, assignor.)						
Fabrin, Thomas. (See Fingal and Fabrin.)						
Facer, Edward A., Atlanta, assignor to National Loose-Leaf Hotel Register Company, Dawson, Ga. Loose-leaf register and cabinet.....	869,129	Oct. 22	3028	836	130	2311
Fack, Henry H., assignor to Automatic Button Company, Muscatine, Iowa. Display-stand.....	854,994	May 28	5276	1097	128	1446
Fadda, Aurelio S., and J. Di Lorenzo, Pittsburg, Pa. Air-ship.....	872,334	Dec. 3	31	6	131	1173
Fadden, Ren W., assignor to B. E. Zeiss, Omaha, Nebr. Guide for placing eyelets in hats.....	854,637	May 21	4524	945	128	1224
Faehrmann, Hermann, New York, N. Y. Air-ship.....	853,542	May 14	2353	490	128	637
Faessler, John W., Moberly, Mo. Stay-bolt cutter.....	858,271	June 25	5535	1183	128	3197
Fagan, John T., assignor to National Electric Lamp Company, Cleveland, Ohio. Machine for hanging glass tubes.....	866,347	Sept. 17	2476	691-2	130	836
Fagan, John T., assignor to National Electric Lamp Company, Cleveland, Ohio. Tubulating-machine.....	869,428	Oct. 29	3496	950	130	2484
Fagan, Robert, assignor of one-half to C. Wyckoff, Laomi, Ill. Metallic railway-tie.....	861,644	July 30	5164	1417	129	1824
Fagersten, Lorenzo G., Chicago, Ill. Portable self-cooking camp-stove.....	862,325	Aug. 6	361	99	129	2196
Fagersten, Lorenzo G., Chicago, Ill. Cooking utensil.....	870,873	Nov. 12	1597	438	131	550
Faget, Georges, Paris, France. Method of and apparatus for transforming single or polyphase into continuous current.....	851,738	Apr. 30	6084	1271-2	127	3273
Fahnestock Electric Company. (See Schade, John, Jr., assignor.)						
Fahnestock Electric Company. (See Schade, John, Jr., assignor.) (Reissue.)						
Fahr, Johann G., Gottmadingen, Baden, Germany. Spinning-machine.....	843,448	Feb. 5	1199	252	126	2091
Fahrenheim, Emil C., Hamburg, Germany. Apparatus for straining liquids.....	870,500	Nov. 5	985	269	131	319
Fahrney, Ezra, Deep River, Iowa. Road-grader.....	840,305	Jan. 1	1033	226-7	126	276
Fahrney, William H., Chicago, Ill. Steering and propelling mechanism for boats.....	845,937	Mar. 5	436	89-90	127	112
Fahy, William C., Philadelphia, Pa. Oil-filter.....	868,257	Oct. 15	1620	458	130	1851
Fahys Watch Case Company. (See Butts, Charles W., assignor.)						
Faichnie, Norman, York, England. Water-bottle for use in the army.....	866,779	Sept. 24	3115	876	130	1073
Faifer, Anthony, assignor to M. M. Chesrown, Chicago, Ill. Binder.....	841,081	Jan. 8	2590	568	126	703
Failor, William H., Carlisle, Pa. Trace.....	849,668	Apr. 9	2078	427	127	2152
Failor, William H., Carlisle, Pa. Puzzle.....	854,031	May 21	3383	697	128	934
Fain, William A., and B. A. Henry, Dandridge, Tenn. Lamp-burner.....	873,360	Dec. 10	2186	456	131	1545
Fair, Lewis W., Waldron, Ark. Harrow-tooth.....	869,299	Oct. 29	3286	905	130	2421
Fairall, Harry K. (See Fairall and Kunzmann.)						
Fairall, Howard L. and H. K., and J. Kunzmann, Highland, Cal. Automatic water-reg-ister.....	871,060	Nov. 12	1890	518	131	641
Fairbank Canning Company. (See Eachus, Holton, assignor.)						
Fairbank Canning Company. (See McTaggart, Alexander I., assignor.)						
Fairbank, George W., Wayland, Mass. Skiving-machine.....	869,889	Nov. 5	25	7	131	10
Fairbanks, Willie J., Soldier, Kans. Door or gate fastener.....	841,493	Jan. 15	3426	739	126	963
Fairbanks Co. (See Paige, Joseph B., assignor.)						
Fairbanks Company. (See Churchill, Charles O., assignor.)						
Fairbanks Company. (See Kemp, Jabez F., assignor.)						
Fairbanks, David H., Nashville, Tenn. Key for brake-shoes.....	854,475	May 21	4233	876	128	1153
Fairbanks, James G., and W. O. Rice, Marion, Ohio. Automatic gas cut-off.....	864,236	Aug. 27	3320	919	129	3210

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Fairbanks, John F., Springfield, Mass. Combined chair and garment support.	870,874	Nov. 12	1598	438	131	550
Fairbanks, Morse & Company. (See Gore, Warren W., assignor.)						
Fairbanks, Morse & Company. (See Hobart, Franklin G., assignor.)						
Fairbanks, Morse & Company. (See Hobart and Gore, assignors.)						
Fairbanks-Morse Manufacturing Co. (See Eyermann, Peter, assignor.)						
Fairchild, Elmer E., assignor of two-thirds to E. C. Gutland and H. O. Alderman, Rochester, N. Y. Post-card frame or mount.	849,111	Apr. 2	1007	204	127	1845
Fairchild, Elmer E., assignor of two-thirds to E. C. Gutland and H. O. Alderman, Rochester, N. Y. Picture-frame.	868,627	Oct. 15	2244	622	130	2046
Fairchild, Henry C., assignor to Fairchild & Shelton Company, Bridgeport, Conn. Soap-powder canister.	854,411	May 21	4115	852	128	1124
Fairchild, James E., Mamaroneck, N. Y. Muffler.	844,669	Feb. 19	3883	822	126	2827
Fairchild, Oscar H., assignor of two-thirds to W. A. Diboll, Denver, Colo. Revolving filter.	872,616	Dec. 3	620	131	131	1264
Fairchild & Shelton Company. (See Fairchild, Henry C., assignor.)						
Fairchild, William, Albany, N. Y. Core-support and bearing member.	865,775	Sept. 10	1584	447	130	516
Fairleigh, George D., Chicago, Ill. Collapsible core-barrel.	841,494	Jan. 15	3428	739	126	964
Fairman, Francis E., Allegheny, Pa. Reversing-gear.	852,939	May 7	1169	241	128	297
Fairmont Box Car Loader Company. (See Huhn, John H., assignor.)						
Fairmont Box Car Loader Company. (See Huhn and Ice, assignors.)						
Fairmont Box Car Loader Company. (See Mayers, Wilbur S., assignor.)						
Faix, John, San Francisco, Cal. Combined latch or bolt and handle.	847,751	Mar. 19	4092	893	127	1089
Faiz, John, San Francisco, Cal. Saw-set.	856,522	June 11	2132	438	128	2267
Falchi, Pietro. (See Beltrame and Falchi.)						
Faler, Benjamin M. (See Sherrer and Faler.)						
Fales, Edward D., assignor to Automatic Electric Company, Chicago, Ill. Automatic telephone-release.	866,639	Sept. 24	2891	816-17	130	997
Fales, Willard L., Denver, Colo. Metallic receptacle.	864,522	Aug. 27	3774	1048	129	3354
Falk, Frank A., Stacyville, Iowa. Lever mechanism.	874,175	Dec. 17	3837	809	131	1848
Falk, George, La Crosse, Wis. Machine for making fence-posts.	844,306	Feb. 12	2894	615	126	2550
Falk, Louis A., assignor of one-half to G. A. Schmidt, Chicago, Ill. Liquid-soap dispenser.	840,925	Jan. 8	2279	500	126	622
Falk, Oscar F., Boston, Mass., assignor to American Telephone and Telegraph Company. Telephone.	855,394	May 28	6046	1263	128	1640
Falk, Oscar F., Boston, Mass., assignor to American Telephone and Telegraph Company. Telephone-transmitter.	855,395	May 28	6047	1263	128	1641
Falkenberg, Ottilia, Baltimore, Md. Game-board.	866,447	Sept. 17	2608	728	130	850
Falkenhainer Arthur, St. Louis, Mo. Vehicle-spring.	871,920	Nov. 26	3723	906	131	1000
Falkenstrom, Charles O., and U. L. Sundblad, Branford, Conn. Hair-drier.	851,283	Apr. 23	5164	1085	127	3013
Falkner, Elijah, Huntingdon, Tenn. Wagon-box.	864,296	Aug. 27	3412	948	129	3237
Fall, James, <i>et al.</i> (See Keyes, William W. W., assignor.)						
Fallek, Nathan, and G. F. Wolfe, assignors to Standard Electro-Automatic Signal Device Company, Denver, Colo. Automatic electric gong-ringing device for street-cars.	864,961	Sept. 3	318	85	130	101
Faller, Ernest A., New York, N. Y. Electrotape or the like.	854,995	May 28	5278	1097-8	128	1447
Faller, Lewis A., Nashville, Tenn. assignor to W. C. Ball. Watch-barrel.	872,994	Dec. 3	1409	295	131	1389
Fallmann, Frank J., Walnut Grove, Cal. Tire-handling tool.	869,166	Oct. 22	3066	846	130	2325
Fallon, John B., Jr., Boston, Mass. Carton for nutmegs and the like.	857,336	June 18	3676	777	128	2098
Fallows, Edward H., trustee. (See De Voo, William E., assignor.)						
Fallows, Edward H., trustee. (See Gallagher, Joseph D., assignor.)						
Fallows, Edward H., trustee. (See Remelius, Charles A., assignor.)						
Falls Machine Company. (See Joecken, Peter J., assignor.)						
Falsey, Martin B. (See Miller, Frank F., assignor.)						
Falstrom & Tornqvist Company. (See Frenzel, Paul W., assignor.)						
Falter, Richard, New York, N. Y. Brake.	852,659	May 7	580	110	128	151
Falter, Richard, New York, N. Y. Waterproofing compound.	856,855	June 11	2759	1165	128	2426
Falter, Richard, New York, N. Y. Clasp.	870,617	Nov. 12	1165	317	131	412
Falvey, Humphrey, New York, N. Y. Clothes-line holder.	867,027	Sept. 24	3490	988	130	1189
Falvey, Thomas J., assignor to J. F. Joaquin, South Boston, Mass. Game apparatus.	844,507	Feb. 19	3316	714	126	2694
Falvey, Thomas J., assignor to E. Joaquin, South Boston, Mass. Game apparatus.	846,655	Mar. 12	1901	418	127	514
Famous, James P., Norristown, Pa. Wire-pointing machine.	844,109	Feb. 12	2476	531	126	2444
Fancher, Charles J., West Granby, assignor to Simplex Manufacturing Company, New York, N. Y. Driving mechanism for machines for operating abrading or cutting tools.	869,167	Oct. 22	3067	847	130	2325
Fancher, Christopher, assignor of one-half to N. H. Fancher and D. Landrum, McCool, Miss. Car-coupling.	848,454	Mar. 26	5495	1197	127	1473
Fancher, Noah H., <i>et al.</i> (See Fancher, Christopher, assignor.)						
Fanckboner, William, Schoolcraft, Mich. Broom.	870,717	Nov. 12	1340	365-6	131	471
Fanders, Martin, Diller, Nebr. Incubator.	856,043	June 4	1142	240	128	1982
Fankboner, George O., Cleveland, Ohio. Vehicle-tire.	865,028	Sept. 3	420	111	130	129
Fannon, William A., Appleton, Wis. Log-splitting machine.	846,838	Mar. 12	2263	496	127	606
Fannon, William A., and E. A. Peterson, Appleton, Wis. Log-splitting machine.	846,839	Mar. 12	2266	496-7	127	607
Fanslow, Benjamin O., assignor of one-half to W. H. Townsend, Los Angeles, Cal. Printing-machine.	850,442	July 9	1741	465	129	618
Fanslow, Benjamin O., Los Angeles, Cal., assignor to Universal Polygraph Company, Incorporated. Duplicating printing-machine.	873,361	Dec. 10	2186	456-7	131	1545
Fanslow, Benjamin O., Los Angeles, Cal., assignor to Universal Polygraph Company, (Incorporated.) Reproducing and imitating machine.	873,930	Dec. 17	3303	706	131	1768
Fanton, Chester W., Wellsville, N. Y. Safety draft-hook.	850,359	Apr. 16	3352	699	127	2519
Farbenfabriken vorm. Friedr. Bayer & Co. (See Berendes and Callsen, assignors.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Berendes and Herwig, assignors.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Degner, Otto, assignor.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Deinet, Joseph, assignor.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Dressel and Kahn, assignors.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Dressel and Kothe, assignors.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Dressel and Ossenbeck, assignors.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Eichengrün, Arthur, assignor.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Engelmann, Max, assignor.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Fischer, Emil, assignor.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Hagemann and Stange, assignors.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Kahn and Kothe, assignors.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See König, Walter, assignor.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Kothe and Ossenbeck, assignors.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Lehmann, Fritz, assignor.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Lommel, Wilhelm, assignor.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Rudolph, Georg, assignor.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Thomaschewski, Paul, assignor.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Thun, Karl, assignor.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Toeffer, Hans, assignor.)						
Farbenfabriken vorm. Friedr. Bayer & Co. (See Waldinger and Iserloth, assignors.)						

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Farbenfabriken vorm. Friedr. Bayer & Co. (See Witter, Hugo, assignor.)						
Farberei- & Appretur-Gesellschaft (vormals A. Clavel & Fritz Lindenmeyer). (See Stöbler, Hermann, assignor.)						
Farbwerke, vorm. Meister, Lucius & Brüning. (See Becke, Max, assignor.)						
Farbwerke, vorm. Meister, Lucius & Brüning. (See Ernst and Gullbransson, assignors.)						
Farbwerke, vorm. Meister, Lucius & Brüning. (See Homolka, Benno, assignor.)						
Farbwerke, vorm. Meister, Lucius & Brüning. (See Homolka and Erber, assignors.)						
Farbwerke, vorm. Meister, Lucius & Brüning. (See Müller and Wollenberg, assignors.)						
Farbwerke, vorm. Meister, Lucius & Brüning. (See Schirmacher and Deicke, assignors.)						
Farbwerke, vorm. Meister, Lucius & Brüning. (See Schirmacher and Leopold, assignors.)						
Farbwerke, vorm. Meister, Lucius & Brüning. (See Schmidlin, Robert, assignor.)						
Farbwerke, vorm. Meister, Lucius & Brüning. (See Schmidt, Albrecht, assignor.)						
Farbwerke, vorm. Meister, Lucius & Brüning. (See Schmidt and Bertram, assignors.)						
Farbwerke, vorm. Meister, Lucius & Brüning. (See Schmidt and Pretzell, assignors.)						
Farbwerke, vorm. Meister, Lucius & Brüning. (See Schumacher, Willy, assignor.)						
Farbwerke, vorm. Meister, Lucius & Brüning. (See Stolz and Flaecher, assignors.)						
Fardee, Aiden M. (See Marshall, Joseph B., assignor.)						
Fargo, Edwin, Washington, Pa. Hot-blast valve.	843,935	Feb. 12	2164	462-3	126	2370
Fargo, Howell B. (See Bell, William J., assignor.)						
Fargo, William G., Jackson, Mich. Penstock.	841,495	Jan. 15	3431	740	126	964
Fargo, William G., Jackson, Mich. Penstock.	841,496	Jan. 15	3435	740	126	966
Faria, Oswaldo de, Paris, France. Current-transformer.	805,003	Sept. 3	514	142	130	156
Farias, José F., Monterey, Mexico. Fiber-cleaning machine.	859,755	July 9	2213	601-2	129	770
Faries, James F., Decatur, Ill. Radiator for explosive-engines and making same.	855,239	May 28	5780	1204-5	128	1574
Farini, Guillermo A., Toronto, Ontario, assignor of one-half to R. Hunt, Hamilton, Canada. Boat.	852,380	Apr. 30	7375	1548	127	3599
Faris, John W. B., Skidmore, Tex. Register-operating device for massage treatments.	873,931	Dec. 17	3305	706	131	1768
Faris, John W. B., Skidmore, Tex. Shave-register-operating device.	873,932	Dec. 17	3308	706	131	1769
Faris, John W. B., Skidmore, Tex. Barber's bottle-holder.	873,933	Dec. 17	3310	707	131	1769
Faris, John W. B., Skidmore, Tex. Hair-cut register.	873,998	Dec. 17	3438	731	131	1790
Farkas, Armand, and J. Kieffer, Paris, France. Joint.	856,777	June 11	2631	540	128	2395
Farkas, Armand, and J. Kieffer, Billancourt, France. Gearing.	874,580	Dec. 24	4667	981	131	2014
Farley, George A., Lawrence, Mass. Drawing mechanism for spinning-machines.	872,804	Dec. 3	1011	212	131	1328
Farley, Hugh, Washington, D. C. Closet-seat.	848,229	Mar. 26	5029	1099	127	1358
Farley, James, Waukesha, Wis. Automatic lubricator.	863,707	Aug. 20	2515	694	129	2932
Farley, John P., Kansas City, Mo. Stop and waste cock.	863,522	Aug. 13	2239	606	129	2813
Farley, Michael H., assignor of one-half to C. Harrison, Seattle, Wash. Vapor-burner.	872,920	Dec. 3	1256	268	131	1365
Farley, William T., Newton, Mass. Railway-rail.	865,878	Sept. 10	1762	491	130	582
Farlow Draft Gear Co. (See Wright, Ira O., assignor.)						
Farlow Draft Gear Company. (See Garrett, Myers A., assignor.) (Reissue.)						
Farlow Draft Gear Company. (See Wright and Farlow, assignors.)						
Farlow, John H. (See Wright and Farlow.)						
Farm Motor Company. (See Glascock, Alfred E., assignor.)						
Farm Motor Company. (See Schroeder, George G., assignor.)						
Farmer, Arthur J., Detroit, Mich. Combined envelop and letter-sheet.	846,988	Mar. 12	2550	561	127	678
Farmer, Arthur J., Detroit, Mich. Machine for attaching sheets of paper together.	847,325	Mar. 19	3203	704-5	127	866
Farmer, Arthur J., Detroit, Mich. Multiple-station telephone system.	860,860	July 23	3909	1071-2	129	1386
Farmer, Charles A. (See Perry, Bossing, and Farmer.)						
Farmer, Clyde C., Chicago, Ill., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Load brake apparatus.	854,816	May 28	4918	1021	128	1354
Farmer, Clyde C., Chicago, Ill., and W. V. Turner, Wilkinsburg, assignors to Westinghouse Air Brake Company, Pittsburg, Pa. Pressure-governing device for pumps.	866,448	Sept. 17	2609	729	130	881
Farmer, Frank T., Chicago, Ill., assignor to Whitman & Barnes Manufacturing Co., Akron, Ohio. Adjusting device for cone ball-bearings.	840,306	Jan. 1	1038	227	126	278
Farmer, John P., Montavilla, Oreg. Heat-regulator for ovens.	857,452	June 18	3894	828	128	2750
Farmer, Leslie B., South Orange, N. J. Gearing mechanism for motor-vehicles.	844,444	Feb. 19	3174	685	126	2659
Farmer Manufacturing Company. (See Kutz, Louis J., assignor.)						
Farmer, Samuel, Anderson, Ind. Hinge.	856,856	June 11	2760	573	128	2426
Farmer, Theodore P., Southwest Harbor, Me., assignor to Protective Tread Company, Boston, Mass. Rubber mat.	873,420	Dec. 10	2298	480	131	1566
Farmers Auto Motor Company. (See Johnson and Caps, assignors.)						
Farner, Brutus, et al. (See Ericson, Pierre V. and L. G., assignors.)						
Farnham Company. (See Farnham, Ed W., assignor.)						
Farnham, Ed W., assignor to Farnham Company, Chicago, Ill. Electric contact-rail.	865,879	Sept. 10	1763	491	130	582
Farnham, Frank E., Providence, R. I. Pin-joint.	841,771	Jan. 22	3975	858	126	1134
Farnham, Frank E., Providence, R. I. Cuff-pin.	841,772	Jan. 22	3977	858	126	1135
Farnham, Frank E., Providence, R. I. Ear-ring.	869,965	Nov. 5	127	36	131	41
Farnham, Frank E., Providence, R. I. Buckle-bar.	873,934	Dec. 17	3311	707	131	1770
Farnham, Ormsbee T., East Greenwich, R. I. Sprinkler system.	864,630	Aug. 27	3963	1160	129	3410
Farnham, Philip W. (See Adams, Harry W., assignor.)						
Farnham, Schuyler E., assignor, by mesne assignments, to National Mfg. & Mailing Co., Racine, Wis. Wrapping and addressing machine.	868,258	Oct. 15	1623	458-9	130	1852
Farnham, Schuyler E., assignor, by mesne assignments, to National Mfg. & Mailing Co., Racine, Wis. Wrapping-machine.	870,501	Nov. 5	986	270	131	319
Farnoff, Jay W., Buffalo, assignor, by mesne assignments, to S. M. Stowell, Alden, N. Y. Gas-burner.	873,525	Dec. 10	2499	527	131	1601
Farquhar, Edmund H., Schenectady, N. Y., assignor to General Electric Company. Bucket for elastic-fluid turbines.	846,739	Mar. 12	2051	450-1	127	552
Farquhar, George, and R. North, London, England. Device for hermetically sealing metal receptacles for food.	856,688	June 11	2460	506	128	2351
Farquhar, Henry S., Washington, D. C. Means for compressing and removing snow.	852,833	May 7	939	192-3	128	240
Farquhar, Moubray G., Aboyne, Scotland, and A. H. Hill, Birmingham, England. Automatic rifle.	867,960	Oct. 15	1184	327	130	1717
Farquharson, James B., Rochester, N. Y., assignor of one-half to C. H. Ennis, Lakewood, N. J. Photographic-print drier.	844,271	Feb. 12	2819	601	126	2532
Farrand, Freddie H., Lidgerwood, N. D. Collapsible boat.	858,506	July 2	252	61	129	91
Farrand, Hart A., Jackson, Mich. Transfer mechanism.	858,863	July 2	874	227	129	300
Farrand, Oliver M., New York, N. Y. Keyless lock.	840,054	Jan. 1	524	114	126	139
Farrand, Oliver M., New York, N. Y. Combination or keyless lock.	860,200	July 16	2891	791	129	1019
Farrand, Oliver M., New York, N. Y. Combination or keyless lock.	860,201	July 16	2894	791	129	1020
Farrar, Jacob H., Chicago, Ill. Underground railway system.	870,618	Nov. 12	1166	317	131	413
Farrar, James B., Wilmington, N. C. Cotton chopper and cultivator.	851,622	Apr. 23	5827	1217-18	127	3177
Farrar, Thomas J., et al. (See Ladd, Earnest W., assignor.)						
Farrrel Foundry & Machine Company. (See Hale, Bernard O., assignor.)						
Farrell, Frank P., et al. (See Snell, Charles M., assignor.)						
Farrell, Henry C., Buffalo, N. Y. Valve.	841,133	Jan. 15	2720	594	126	781
Farrell, John, Newton, N. J. Drop-time grappling-fork.	870,768	Nov. 12	1432	388-9	131	496

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Farrell, John J., Atlantic City, N. J. Machine for counting, packaging, and labeling coins.	860,598	July 16	3497	962-3	129	1220
Farrell, John W. (See Dietz, Andersen, and Farrell.)						
Farrelly, James P., Winnipeg, Manitoba, Canada. Excavator.	870,943	Nov. 12	1723	471-2	131	589
Farrington, Alanson W., assignor to Farrington Manufacturing Company, Randolph, Mass. Jewelry-box.	864,088	Aug. 20	3084	851	129	3107
Farrington, Charles O., and T. Watson, Sealy, Tex. Vaginal irrigator.	840,560	Jan. 8	1575	346	126	447
Farrington, Fred W., and S. B. Burchard, Minneapolis, Minn. Plaster-lath.	857,611	June 25	4221	893	128	2864
Farrington Manufacturing Company. (See Farrington, Alanson W., assignor.)						
Farrow, Ernest L., Cleveland, Ohio. Corner-coupling for bedsteads.	860,537	July 16	3399	933	129	1187
Farrow, Isaac H., Pueblo, Colo. Saw-filing machine.	873,223	Dec. 10	1894	397	131	1498
Farver, William F., and H. H. Lehman, Ashland, Ohio. Whip-socket.	848,643	Apr. 2	42	9-10	127	1595
Fashbaugh, Henry C. (See Scherer and Fashbaugh.)						
Fate, John L., assignor of one-half to H. A. Eastman, Chicago, Ill. Receptacle for retaining or excluding heat.	844,272	Feb. 12	2820	601	126	2532
Faucett, Miles M. (See Benser and Faucett.)						
Faughnan, Patrick J., Locust Gap, Pa. Currycomb.	874,493	Dec. 24	4479	944	131	1985
Faul, Edwin L., assignor to William J. Faul Co., New York, N. Y. Candlestick-lubricator.	870,875	Nov. 12	1600	439	131	551
Faulding, Alfred J. (See Walker and Faulding.)						
Faulkingham, William E., Jonesport, Me. Hub-attaching device.	862,890	Aug. 13	1293	351	129	2514
Faulkingham, William E., Jonesport, Me. Clothes-pin.	867,489	Oct. 1	392	112	130	1435
Faulkner, Ray R., Marion, Ind. Coal-cabinet.	869,355	Oct. 29	3380	930	130	2449
Faulkner, Robert P. (See Faulkner, William J., assignor.)						
Faulkner, Walter E. (See Keith and Faulkner.)						
Faulkner, William J., assignor to R. P. Faulkner, Chicago, Ill. Mold for hollow building-blocks.	854,692	May 21	4646	968-9	128	1255
Faupel, Charles F., Chicago, Ill. Portable rotary bathing and massaging machine.	869,890	Nov. 5	27	8	131	11
Faust, Claude M., and M. B. Grout, Chicago, Ill. Roller-skate.	875,165	Dec. 31	5849	1221	131	2229
Faust, Jacob W., Jr., Martins Ferry, Ohio. Folding suit and hat holder.	852,940	May 7	1169	241	128	297
Fauth, Charles E., and G. E. Skamper, Chicago, Ill. Automatic sheet-music cornet.	873,035	Dec. 10	1535	321-2	131	1439
Fawcett, Thos. C. (See Thwaite, Benjamin H., assignor.)						
Fawcett, William N., Brooklyn, assignor of one-half to M. Bernstein, New York, N. Y. Electrical alarm system.	873,935	Dec. 17	3313	707	131	1770
Fawkes, Jacob H., Detroit, Mich. Spring-wheel.	847,926	Mar. 19	4468	979-80	127	1180
Fawkes, Joseph W., Los Angeles, Cal. Advertising device.	867,562	Oct. 1	508	145-6	130	1471
Fawkes, Wilbert C., Minneapolis, Minn. Washing-machine.	857,337	June 18	3677	777-8	128	2698
Fawkes, Wilbert C., Minneapolis, Minn. Washing-machine.	863,370	Aug. 13	2030	548	129	2751
Fay, Alpheus, Louisville, Ky. Vehicle-wheel.	843,738	Feb. 12	1786	381	126	2276
Fay, Alpheus, Louisville, Ky. Treating butter.	847,562	Mar. 19	3687	812	127	991
Fay, Alpheus, assignor of one-half to W. N. Arterburn, Louisville, Ky. Treating cream or milk and butter.	847,563	Mar. 19	3688		127	992
Fay, Alpheus, assignor of one-half to S. E. Rawlings, Louisville, Ky. Bread-mixer.	871,988	Nov. 26	3892	939	131	1022
Fay, Henry R., Boston, Mass. Water-gage.	870,026	Nov. 5	244	67-8	131	84
Fay, John L., St. Louis, Mo. Adjusting means for interlocking conduits.	850,825	Apr. 16	4246	892	127	2744
Fay, Thomas J., New York, N. Y., and J. M. Ellsworth, Bernardsville, N. J. Clutch.	842,640	Jan. 29	5812	1227-8	126	1631
Fay, Thomas J., New York, N. Y., and J. M. Ellsworth, Bernardsville, N. J. Crank-shaft.	870,502	Nov. 5	987	270	131	320
Fay, Thomas J., New York, N. Y., and J. M. Ellsworth, Bernardsville, N. J. Steering-gear.	873,523	Dec. 10	2501	527-8	131	1601
Fayer, Charles F. (See Wappler and Fayer.)						
Fayol, Amedée, Bordeaux, France. Boat.	853,347	May 14	1996	412	128	545
Fearon, Christopher S. (See Fearon, George and C. S.)						
Fearon, George and C. S., Newcastle-upon-Tyne, England. Means for raising sunken vessels.	866,348	Sept. 17	2480	692-3	130	838
Feather, Daniel, and A. Culp, Marion, Ind. Stringed musical instrument.	853,686	May 14	2660	548	128	718
Feather, Markus D., et al. (See Laube, Godfried, assignor.)						
Featherstone Foundry & Machine Company. (See Gee, Harold, assignor.)						
Featherstone, William H., Chatham, England. Fire-hydrant.	868,080	Oct. 15	1365	382	130	1773
Feazell, Frank, and H. Thompson, Winnfield, La. Sprinting-spring.	871,864	Nov. 26	3606	881	131	982
Febiger, Christian C., et al., executors. (See Sellers and Coppage.)						
Febiger, Henry B., Philadelphia, Pa. Attachment for type-writers.	855,052	May 28	5100	1122	128	1478
Feder, Harry, New York, N. Y. Garment-stiffener.	863,371	Aug. 13	2031	548	129	2751
Federal Can Company. (See Smith, Harry K., assignor.)						
Federal Construction Company. (See Strickler, William H., assignor.)						
Federal Ice Company. (See Holden, Daniel L., assignor.)						
Federal Manufacturing Company. (See Currier and Leitschuh, assignors.)						
Federal Manufacturing Company. (See Leitschuh, Joseph, assignor.)						
Federal Railway Signal Company. (See Herringer, Casper, assignor.)						
Federation Hardware and Tool Company. (See Hurdle, Julian A., assignor.)						
Feehery, John, Campus, Ill. Grain-separator.	856,455	June 11	2016	415	128	2239
Feehery, John, Campus, Ill. Grain-conveyer.	856,456	June 11	2017	415	128	2240
Feehery, John, Campus, Ill. Grain-bin ventilator.	856,457	June 11	2018	415	128	2240
Feeley, Frank G. (See Allen and Feeley.)						
Feeny, Edmund J., assignor to Ottawa Banking & Trust Company, Ottawa, Ill. Fluid-packed pump.	862,456	Aug. 6	588	156	129	2273
Feeny, Edmund J., assignor to Ottawa Banking & Trust Company, Ottawa, Ill. Pump.	862,457	Aug. 6	590	156	129	2274
Feeny, James J., Saltville, Va. Railway-rail joint.	848,455	Mar. 26	5496	1197	127	1473
Fefel, John E., Philadelphia, Pa., assignor to United States Felling Machine Company.						
Blindstitching sewing-machine.	859,376	July 9	1653	440-1	129	588
Fefel, John E., Philadelphia, Pa., assignor to United States Felling Machine Company.						
Blindstitching sewing-machine.	861,821	July 30	5443	1499-1500	129	1905
Fefel, John E., Philadelphia, Pa., assignor to United States Felling Machine Company.						
Blindstitch sewing-machine.	862,458	Aug. 6	595	157-8	129	2275
Fefel, John E., Philadelphia, Pa., assignor to United States Felling Machine Company, New York, N. Y. Sewing-machine shuttle.	862,546	Aug. 6	757	202	129	2318
Fefel, John E., Brooklyn, assignor to United States Felling Machine Company, New York, N. Y. Blindstitching-machine.	862,547	Aug. 6	759	202-3	129	2319
Fefel, John E., Brooklyn, assignor to U. S. Felling Machine Company, New York, N. Y. Universal feed for sewing-machines.	862,548	Aug. 6	762	203	129	2320
Fegley, Thomas J., assignor to North Brothers Manufacturing Company, Philadelphia, Pa. Ice-cream-freezer can.	864,631	Aug. 27	3964	1100	129	3411
Fegley, Thomas J., assignor to North Brothers Manufacturing Company, Philadelphia, Pa. Ice-cream freezer.	864,632	Aug. 27	3965	1100	129	3411
Fegley, Thomas J., and G. O. Leopold, assignors to North Bro's. M'fg. Co., Philadelphia, Pa. Screw-holder for drivers.	864,633	Aug. 27	3966	1101	129	3411
Feher, Frank, Allegheny, Pa. Embossed picture.	861,822	July 30	5447	1500	129	1906
Fehler, Rudolph, and D. McLaughlin, Milwaukee, Wis. Brush-holder.	865,029	Sept. 3	422	111	130	129

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Fehr, William, Philadelphia, Pa. Machine for the manufacture of heddles.....	841,679	Jan. 22	3780	821-3	126	1084
Fehr, William, Philadelphia, Pa. Warp-stop-motion detector.....	843,882	Feb. 12	2056	440	126	2342
Fehr, William, Philadelphia, Pa. Metal-bending machine.....	845,069	Feb. 26	4670	992	126	3065
Fehr, William, Philadelphia, Pa. Punching-machine.....	858,066	June 25	5161	1093	128	3102
Fehr, William, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Machine for manufacturing heddles.....	875,659	Dec. 31	6921	1442-6	131	2389
Fehrenbach, Charles F., Cleveland, Ohio. Label-package.....	856,689	June 11	2462	506	128	2351
Fehrenbacher, Anton A., assignor of one-half to C. H. Smith, Condon, Oreg. Rotary weed-cutter and cultivator.....	848,613	Mar. 26	5804	1264-5	127	1549
Fehrenbatch, John, Cincinnati, Ohio. Steam-controller.....	840,833	Jan. 8	2077	461	126	572
Feid, Charles, North Attleboro, Mass. Making chains.....	848,299	Mar. 26	5192	1133	127	1398
Feige, Henry, <i>et al.</i> (See Lightner, Henry L., assignor.).....						
Feigert, Frederick A., Shelbyville, Ind. Electric insulator.....	843,739	Feb. 12	1787	381	126	2276
Feighery, Eugene, Newport, Ky. Window-screen.....	871,679	Nov. 19	3191	791	131	890
Feighery, Eugene, Newport, Ky. Window-screen.....	871,754	Nov. 19	3336	821	131	913
Feil, Abe, New York, N. Y. Embroidery-frame.....	853,232	May 14	1747	363	128	475
Feinberg, Sachary I., New York, N. Y. Structure of glass.....	857,230	June 18	3475	733-4	128	2647
Feinberg, Sachary I., assignor to S. Flanders, New York, N. Y. Fastening-clamp.....	869,236	Oct. 29	3177	875	130	2285
Feinenburg, Johann, Auf der Höhe, near Solingen, Germany. Scissors.....	864,962	Sept. 3	322	86	130	102
Feinenburg, Johann, Auf der Höhe, near Solingen, Germany. Scissors.....	870,161	Nov. 5	443	122	131	145
Feist, Bertha C., Aspen, Colo. Jardinière.....	866,449	Sept. 17	2614	729	130	882
Feist, Eugen, Solingen, Germany. Safety-razor.....	866,924	Sept. 24	3332	941	130	1139
Feitu, Pierre, and J. Rebeyrolle, New York, N. Y. Bottle.....	855,294	May 28	5881	1225	128	1599
Felbel, Jacob, New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.....	842,451	Jan. 29	5413	1149	126	1533
Felbel, Jacob, New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.....	860,361	July 16	3137	859	129	1101
Felbel, Jacob, New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.....	871,116	Nov. 19	2000	545-6	131	704
Feld, Samuel, New York, N. Y. Shoe-cleaner.....	846,020	Mar. 5	618	129	127	159
Feld, Walther, Hönningen-on-the-Rhine, Germany. Extraction of ammonia from gases.....	851,349	Apr. 23	5295	.....	127	3045
Felderman, John H., Bellevue, Iowa. Feeder for grain-mills.....	867,490	Oct. 1	394	112	120	1435
Feldman, Harry E., Chicago, Ill. Box-lid holder.....	860,648	July 23	3601	987	129	1287
Feldman, Jacob, Chelsea, Mass. Folding couch.....	842,876	Feb. 5	67	16	126	1807
Feldman, Joseph C., Chicago, Ill., assignor to M. E. Nathan. Box-lid holder.....	846,021	Mar. 5	619	127	127	159
Feldman, Samuel, Brooklyn, N. Y. Ventilating window-sash.....	843,139	Feb. 5	612	129	126	1951
Feldmann, Gustav, Berlin, Germany. Dyeing granulated leather in different colors or shades.....	854,032	May 21	3384	.....	128	935
Feldmann, Herman. (See Platt, Edward T., assignor.).....						
Feldt, Ferdinand J., Peoria, Ill. Broadcast seeding-machine.....	874,887	Dec. 24	5250	1106	131	2113
Feldt, Ferdinand J., Peoria, Ill. Seeding-machine.....	874,888	Dec. 24	5252	1106	131	2113
Feldt, Ferdinand J., assignor to J. A. Engel & Co., Peoria, Ill. Wagon-jack.....	853,008	May 7	1316	274	128	334
Felix, Samuel P., and C. F. Heywood, Maywood, Ill. Combined auxiliary coupling and wrecking-hook.....	859,902	July 9	2440	663-4	129	840
Felker, Melancthon O., Chicora, Pa. Whip.....	842,089	Jan. 22	4590	987	126	1283
Felkner, William G., Sebree, Tex. Folding car-step.....	869,429	Oct. 29	3498	960	130	2485
Fell, Albert J., and J. A. McIver, Roodhouse, Ill. Propelling mechanism for boats.....	873,697	Dec. 10	2826	602	131	1658
Fell, Charles, Elyria, Ohio, assignor to National Tube Company, Pittsburg, Pa. Trough system for pipe-welding apparatus.....	844,340	Feb. 19	2975	635-6	126	2609
Fell, Frank S. (See Griffin, Frank B., assignor.).....						
Fell, Henry L., Battle Creek, Mich. Fence-post base.....	839,829	Jan. 1	47	11	126	14
Fell, John G., New York, N. Y. Carpenter's square.....	868,421	Oct. 15	1893	531-2	130	1932
Fell, Joseph P. (See Eckhard, John, assignor.).....						
Fell, Julius P., Berclair, Tex. Package gripper and holder.....	867,961	Oct. 15	1185	327	130	1717
Fell, Julius P., Berclair, Tex. Adjustable scraper attachment for disk plows.....	875,166	Dec. 31	5851	1222	131	2229
Fell, Samuel J. (See Nestler, Emil, assignor.).....						
Fell, William P., Huron, S. D. Rein-guard.....	849,467	Apr. 9	1688	340	127	2055
Fellheimer, Jakob, Furtwangen, Germany. Clock.....	845,070	Feb. 26	4673	992-3	126	3066
Fellows, Edward R., and A. Hubbard, Youngstown, Ohio. Rolling-mill.....	856,044	June 4	1143	240-2	128	1983
Fellows, Edwin R., assignor to Fellows Gear Shaper Company, Springfield, Vt. Turret gear-cutter.....	844,717	Feb. 19	3985	847-9	126	2851
Fellows Gear Shaper Company. (See Fellows, Edwin R., assignor.).....						
Fellows, George B., and W. W. Wade, Fairfax, Mo. Ice-cream freezer.....	861,448	July 30	4878	1337	129	1731
Fellows, Hugh W., Cahuenga, and I. A. Cammett, Hollywood, Cal. Automatic trolley-base.....	841,497	Jan. 15	3437	740-1	126	966
Fellows, Hugh W., Cahuenga, and I. A. Cammett, Hollywood, Cal. Automatic trolley-pole.....	861,233	July 23	4495	1232	129	1577
Fellows, Hugh W., Cahuenga, and I. A. Cammett, Hollywood, Cal. Trolley-pole support.....	862,891	Aug. 13	1294	351	129	2514
Fellows, Hugh W., Cahuenga, and I. A. Cammett, Hollywood, Cal. Trolley-pole support.....	866,349	Sept. 17	2482	693	130	839
Fellows, Irving D., Syracuse, N. Y. Trousers-support.....	845,068	Feb. 26	4669	992	126	3065
Fellows, Irving D., Syracuse, N. Y. Coat-hanger.....	860,202	July 16	2896	791	129	1021
Fellows, Joseph, assignor to Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Centrifugal clutch.....	846,193	Mar. 5	961	203-4	127	244
Fellroth, Erick O., assignor of one-half to A. F. M. Craig, San Francisco, Cal. Clothes-hanger.....	855,295	May 28	5882	1226	128	1600
Fellroth, Erick O., assignor of one-half to A. F. M. Craig, San Francisco, Cal. Garment-hanger.....	864,634	Aug. 27	3967	1101	129	3412
Felman and Company, M. A. (See Shreffler, Samuel, assignor.).....						
Felsch, Reinhold T., Boston, Mass. Electric-arc lamp.....	863,568	Aug. 13	2299	629	129	2830
Felschow, Edward. (See Cass, Frederick I., assignor.).....						
Felt, Dorr E., and C. P. Wetmore, assignors to Comptograph Company, Chicago, Ill. Tabulating-machine.....	853,543	May 14	2357	491-3	128	638
Felt, Willard O., New York, N. Y. Compressing and purifying air.....	869,966	Nov. 5	128	36	131	42
Felten & Guillaume-Lahmeyerwerke, A. G. (See Roeder, Franz, assignor.).....						
Felten & Guillaume-Lahmeyerwerke Actien-Gesellschaft. (See Albrecht, Martin, assignor.).....						
Felten & Guillaume-Lahmeyerwerke Actien-Gesellschaft. (See Krämer, Christian, assignor.).....						
Felten & Guillaume-Lahmeyerwerke Actien Gesellschaft. (See Mattausch, Karl, assignor.).....						
Felten & Guillaume-Lahmeyerwerke Aktien-Gesellschaft. (See Salomon, Bernhard, assignor.).....						
Felter, Augustus J., assignor of one-half to W. F. Shedd, Grand Rapids, Mich. Measuring apparatus.....	871,865	Nov. 26	3607	881	131	982
Felton, Samuel K., Jr., Philadelphia, Pa. Treating hides or skins.....	853,166	May 7	1583	129	400

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Felts, Fletcher E., Los Angeles, Cal. Flying-machine.	857,166	June 18	3363	709	128	2618
Felts, Frank A., assignor of one-half to C. A. Lee, Oneida, N. Y. Shoulder-strap.	860,794	July 23	3820	1047	129	1357
Fender, William L., <i>et al.</i> (See Clauser, Jens M., assignor.)						
Fendrich, John H. (See McElhinny, James F., assignor.)						
Fenian, Patrick A., Pittsburg, Pa. Bracket for windows.	852,941	May 7	1170	241	128	297
Fenn, Charles A., Bloomington, Ill. Back-pedaling brake.	843,593	Feb. 12	1519	322	126	2205
Fenn, George M., and C. D. Youngs, Charlotte, Mich. Lathe.	855,101	May 28	5523	1146-7	128	1508
Fenn, James L., Jr., Bracebridge, Ontario, Canada. Rail-joint.	874,948	Dec. 31	5431	1134	131	2159
Fenn, William B., Columbus, Ohio. Closing device for vessels.	843,670	Feb. 12	1666	353	126	2245
Fenn, William B., Columbus, Ohio. Ring for sealing jars and the like.	843,740	Feb. 12	1789	381	126	2276
Fenn, William B., Columbus, Ohio. Closing device for vessels.	843,802	Feb. 12	1901	408	126	2304
Fennel, Jacob W., Johnstown, N. Y. Rail splice or joint.	851,590	Apr. 23	5772	1207	127	3165
Fennell, John A., Greensburg, Pa. Horse-detacher.	860,454	July 16	3285	897	129	1149
Fennell, Joseph, Cynthia, Ky. Horse-boot.	858,272	June 25	5537	1183	128	3198
Fennell, Joseph, Cynthia, Ky. Horse-boot.	858,273	June 25	5538	1183	128	3198
Fenner, Charles W., assignor to Spotless Steam Sponger Company, Cleveland, Ohio. Machine for shrinking cloth.	873,224	Dec. 10	1897	397-8	131	1498
Fenner, George P., New London, Conn. Inking arrangement for printing-presses.	846,294	Mar. 5	1137	248-50	127	288
Fenner, George P., New London, Conn. Front or feed guide for printing-presses.	852,263	Apr. 30	7145	1496	127	3544
Fenner, George P., New London, Conn. Arrangement for removal of rolls in printing-presses.	861,823	July 30	5447	1501-2	129	1907
Ferner, George P., New London, Conn. Inking arrangement for printing-presses.	872,805	Dec. 3	1014	212-13	131	1328
Fenstermaker, George W., Amboy, Ill. Horseshoe-calk.	872,921	Dec. 3	1257	269	131	1365
Fenstermaker, Joseph A., Dos Cabezas, Ariz. Ter. Pump.	867,117	Sept. 24	3627	1030	130	1229
Fenton, John, Auckland, New Zealand. Fastener for hats, bonnets, and the like.	869,891	Nov. 5	29	8	131	11
Fentzke, William, Brooklyn, N. Y. Oar.	844,926	Feb. 19	4381	936	126	2953
Fenwick, Leonard S., Toronto, Ontario, Canada. Non-refillable bottle.	857,231	June 18	3477	734	128	2647
Ferber, Philip, assignor to Keuffel & Esser Company, Hoboken, N. J. Surveying instrument.	846,989	Mar. 12	2552	561	127	679
Ferdinand, Anthony B., Wauwatosa, Wis. Heater.	864,159	Aug. 27	3209	889	129	3173
Ferenbach, Carl. (See Macfarlane and Ferenbach.)						
Ferenbach, Carl, and G. F. Macfarlane, Wilkes-Barre, Pa. Machine for degumming silk.	862,326	Aug. 6	363	99	129	2197
Fergesen, Daniel, Aurora, Ill. Grass-catcher for lawn-mowers.	875,056	Sept. 31	5643	1177	131	2195
Ferguson, George W., Logan, Kans. Subsoiler attachment for lister-plows.	866,450	Dec. 17	2614	730	130	882
Ferguson, Robert L. (See Moore and Ferguson.)						
Ferguson, Archie R., Colton, Wash. Grain separating and vitriolizing machine.	853,076	May 7	1432	299-300	128	363
Ferguson, Bassett, Moores, Pa. Wind and dust shield for railway-coaches.	874,838	Dec. 24	5136	1086	131	2099
Ferguson Brothers Mfg. Co. (See Campbell, James W., assignor.)						
Ferguson, Charles H., Jersey City, N. J. Fluid-pressure-brake apparatus.	872,116	Nov. 26	4158	994	131	1065
Ferguson, Charles M., Lavender Hill, assignor to A. H. Sparring, London, England. Steam-superheater.	849,468	Apr. 9	1689	340-1	127	2055
Ferguson, Duncan. (See Edmondson and Ferguson.)						
Ferguson, Eppy W., assignor of one-half to S. Lambert, Owensboro, Ky. Hand seeding implement.	849,988	Apr. 9	2648	554	127	2296
Ferguson, Frank A., Belleville, Kans. Change-speed gear.	840,055	Jan. 1	527	114-15	126	140
Ferguson, George, Waterloo, Iowa. Tile-machine.	859,287	July 9	1503	401	129	539
Ferguson, George, Waterloo, Iowa. Tile-machine.	859,377	July 9	1658	441	129	590
Ferguson, George C., assignor of one-fourth to F. P. Thompson and J. McCoy, Fredericton, near Brunswick, Canada. Wrench.	861,449	July 30	4879	1338	129	1732
Ferguson, Guy T., Minooka, Ill. Oil-pump.	844,008	Feb. 12	2290	490	126	2400
Ferguson, Henry C., assignor of one-half to W. C. Goodman, Walla Walla, Wash. Alarm-lock.	858,864	July 2	875	228	129	301
Ferguson, Jacob C., Wilber, Nebr. Harrow.	851,657	Apr. 30	5020	1237	127	3231
Ferguson, Jesse, Hoytsville, Ohio. Milk-bucket.	841,134	Jan. 15	2721	594	126	781
Ferguson, John A., Brookline, Mass. Driving-belt.	841,680	Jan. 22	3788	823	126	1086
Ferguson, Raymond M. (See Bedford, Ebenezer S., assignor.)						
Ferguson, Robert B., assignor to G. E. Harpham, Los Angeles, Cal. Safety-pin.	861,234	July 23	4496	1231	129	1577
Ferguson, Robert G., Lakewood, N. J. Valve.	849,989	Apr. 9	2649	554	127	2296
Ferguson, Robert H., East Orange, N. J., assignor to E. R. Squibb & Sons. Dropping-bottle.	845,400	Feb. 26	5337	1132	126	3233
Ferguson, Robert T., Allegheny, H. Turner and O. J. Haller, Pittsburg, Pa. Valve.	845,540	Feb. 26	5607	1187	126	3301
Ferguson, Samuel, Schenectady, N. Y., assignor to General Electric Company. Protective device for fragile vessels.	850,633	Apr. 16	3902	813	127	2658
Ferguson, Samuel, Schenectady, N. Y., assignor to General Electric Company. Protection of secondary circuits.	851,739	Apr. 30	6088	1272	127	3275
Ferguson, Samuel, Schenectady, N. Y., assignor to General Electric Company. Improving vapor electric devices.	866,011	Sept. 17	1968	549	130	676
Ferguson, William. (See La Riviere and Ferguson.)						
Ferguson, William C., Flushing, assignor to General Chemical Company, New York, N. Y. Contact-chamber.	857,389	June 18	3780	801	128	2723
Ferl, Hermann, Kamen, Germany. Fastening for apparel.	866,925	Sept. 24	3333	941	130	1139
Ferlin, George H., San Diego, Cal. Composition of matter.	848,094	Mar. 26	4908	1049	127	1301
Fernald, Charles F., assignor to Star Brass Manufacturing Company, Boston, Mass. Valve.	851,165	Apr. 23	4907	1032	127	2950
Fernald, George H., North East, Pa. Rein-holder.	853,544	May 14	2367	493	128	640
Fernandez, José B. (See Arnabat, Mendez, and Fernandez.)						
Fernau, Walter S., Jamaica, N. Y. Universally-adjustable foot for the legs of billiard-tables and similar articles.	842,641	Jan. 29	5815	1228	126	1631
Fero, Charles, Jr., assignor of one-third to F. Thompson, Bay City, Mich. Automatic car-brake.	851,874	Apr. 30	6364	1327-8	127	3347
Ferrand, Alphonse F. E. (See Auvert and Ferrand.)						
Ferrandini, Leon A. (See Schneider, George, assignor.)						
Ferranti, Sebastian Z. de, London, England. Fluid-controlling device.	842,393	Jan. 29	5274	1119-20	126	1495
Ferranti, Sebastian Z. de, London, England. Elastic-fluid turbine.	859,553	July 9	1913	514-15	129	673
Ferranti, Sebastian Z. de, London, England. Heating device.	867,576	Oct. 8	541	153	130	1499
Ferranti, Sebastian Z. de, Hampstead, London, England. Elastic-fluid turbine-engine.	872,806	Dec. 3	1014	213-14	131	1328
Ferranti, Sebastian Z. de, Grimpelford Bridge, Sheffield, England. Bladed turbineelement.	874,398	Dec. 24	4301	905-6	131	1955
Ferre, Isaac C. (See Miller, Ezekiah, assignor.)						
Ferreira, Luis D. G., London, England, assignor to Siemens & Halske, A. G., Berlin, Germany. Mechanism for moving and locking railway or like points.	864,963	Sept. 3	322	86	130	102
Ferrell, Elizabeth R., Cairo, W. Va. Rein-holder.	861,959	July 30	5647	1566	129	1968
Ferrell, Frank J., assignor of one-fifth to M. Goebel, New York, N. Y. Tunnel construction and ventilation.	851,411	Apr. 23	5414	1133-4	127	3077
Ferrell, Leonidas C., New Orleans, La. Inkstand.	862,327	Aug. 6	364	100	129	2197
Ferren, Myron J., Washington, D. C. Can-head-cutting machine.	869,075	Oct. 22	2939	809-10	130	2285
Ferreres, Joaquin, Habana, Cuba. Calendar.	869,430	Oct. 29	3500	960-1	130	2486

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Ferres, Jeffrey T., assignor to J. W. Sefton Manufacturing Company, Anderson, Ind. Board.	864,775	Sept. 3	15	4	130	7
Ferres, Jeffrey T., assignor to J. W. Sefton Manufacturing Company, Anderson, Ind. Folding box.	869,833	Oct. 29	4133	1141	130	2676
Ferriotti, Charles L., Temple, Tex. Cultivator-foot.	856,237	June 11	1537	322	128	2116
Ferris, Alonzo K., New York, N. Y. Playing-cards.	848,542	Mar. 26	5640	1235	127	1508
Ferris, Edward J., Saltville, Va. Cylinder-cock for locomotives.	843,391	Feb. 5	1102	229	126	2069
Ferris, Fred L., (See Hobby, Delzon G., assignor.)						
Ferris, Frederick C., and G. S. Tebbetts, assignors to L. B. Tebbetts & Sons Carriage Company, St. Louis, Mo. Knockdown vehicle-shaft.	842,309	Jan. 29	5078	1082	126	1439
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Wire-stretcher.	844,718	Feb. 19	3992	849	126	2853
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Hay-carrier.	844,719	Feb. 19	3993	849-50	126	2853
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Wagon.	862,459	Aug. 6	598	158-9	129	2276
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Feed and litter carrier.	862,460	Aug. 6	600	159-60	129	2277
Ferris, Henry L., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Hay-carrier.	865,689	Sept. 10	1456	411	130	474
Ferris, Henry L., Harvard, Ill., assignor to Hunt, Helm, Ferris & Company. Feed and litter carrier.	866,269	Sept. 17	2353	653-4	130	797
Ferris, Hiram G., Leavenworth, Kans. Automatic dumping mechanism for aerial-tramway buckets.	852,546	May 7	335	60	128	92
Ferris, Walter, assignor to Bucyrus Company, South Milwaukee, Wis. Machine-brake.	853,348	May 14	1997	413	128	545
Ferris, Walter, and J. M. Allen, assignors to Bucyrus Company, South Milwaukee, Wis. Throttle-valve.	847,326	Mar. 19	3206	705	127	867
Ferris, Walter, and S. R. W. Bager, assignors to Bucyrus Company, South Milwaukee, Wis. Jack-screw.	845,770	Mar. 5	75	15	127	23
Ferris, William D., Sterling, Ill. Hasp and handle.	868,540	Oct. 15	2084	583	130	1992
Ferro Alloys Syndicate. (See Annable, Henry W. C., assignor.)						
Ferro-Concrete Construction Company. (See Nolte, Louis H., assignor.)						
Ferry, Arthur C., Chicopee Falls, Mass. Catcher's mask.	875,337	Dec. 31	6194	1291	131	2283
Ferry, Charles. (See Schroeder, William S., assignor.)						
Fertig, August, et al. (See Prideaux, Lewis, assignor.)						
Féry, Charles. (See Heeley and Féry.)						
Fesenfeld, Herman, Hoquiam, Wash. Car-window cleaner.	860,021	July 16	2640	717	129	938
Fesenmaier, Benjamin, Jr., New Ulm, Minn. Motor fan attachment.	852,055	Apr. 30	6771	1409	127	3450
Fesler, Edward L., Santa Maria, Cal. Pipe-tongs.	865,369	Sept. 10	949	272	130	316
Fesler, Milton A., Visalia, Cal. Crude-oil burner.	840,448	Jan. 1	1332	295	126	348
Fess, Charles J., Newark, N. J., assignor to Palmer-Price Company. Removing paint and varnish.	872,561	Dec. 3	522	109	131	1248
Fessenden, George B., Allston, assignor to Eco Magneto Clock Company, Boston, Mass. Watchman's time-detector.	857,985	June 25	4984	1053	128	3057
Fessler, Charles, assignor to Knockdown Manufacturing Company, Detroit, Mich. Show-case or box.	862,461	Aug. 6	603	160	129	2277
Fessler, Charles M., Sunbury, Pa. Retaining-valve.	865,370	Sept. 10	950	273	130	316
Fessler, Harvey L., Kansas City, Kans., and R. Michaels, assignors of one-third to D. Dieren, Kansas City, Mo. Water-heater.	850,634	Apr. 16	3903	814	127	2659
Fessler, Walter W., New York, N. Y. Door-lock.	843,200	Feb. 5	749	154	126	1984
Fetherolf, Charles E., assignor to J. A. Jeffrey, Columbus, Ohio. Limit-gage.	851,507	Apr. 23	5596	1172	127	3119
Fetta, Robert H., Richmond, Ind. Metal step-ladder.	857,453	June 18	3895	828	128	2751
Fetta, Robert H., assignor to Fetta Water Softener Company, Richmond, Ind. Chemical and water feed mechanism for steam-boilers.	856,948	June 11	2922	612	128	2464
Fetta Water Softener Company. (See Fetta, Robert H., assignor.)						
Fettback, Franz, Hanover, Germany. Machine for manufacturing boxes from paste-board or the like.	845,071	Feb. 26	4674	993	126	3066
Fetter, Ralph S., Trenton, N. J. Apparatus for restoring worn-out reamers.	857,877	June 25	4729	1004	128	2991
Fetters, Arthur H., Omaha, Nebr. Clutch-throwing mechanism.	844,273	Feb. 12	2822	601-2	126	2533
Fetters, Arthur H., Omaha, Nebr. Bolster.	853,545	May 14	2367	493	128	640
Fetters, Charles A., assignor to Sanitary Sectional Brush Company, New York, N. Y. Sectional hair-brush.	873,852	Dec. 17	3172	675	131	1744
Fetters, Henry M., assignor of one-half to E. N. Schafer, Laporte, Ind. Safety-pin.	860,362	July 16	3142	859	129	1103
Fetzer, Allen H., Galion, Ohio. Fence-post brace.	855,624	June 4	348	71	128	1783
Fetzer, James J., Columbiana, assignor to Herbrand Company, Fremont, Ohio. Safety-razor.	840,449	Jan. 1	1333	295	126	348
Fetzer, William, Middletown, Ohio. Disk-harrow attachment.	843,671	Feb. 12	1667	353	126	2245
Fetzer, William, Middletown, Ohio. Disk harrow with tongue-truck.	843,672	Feb. 12	1669	353-4	126	2245
Fetzer, William, Middletown, Ohio. Truck mechanism. (Reissue.)	12,653	May 21	4696	978	128	1267
Feuerheerd, Ernest M. A. (See Trossin, Otto, assignor.)						
Feuerstein, Siegmund, Rochester, N. Y. Insulator.	849,731	Apr. 9	2179	449	127	2177
Feuerstein, Solomon B., assignor to Cruver M'f'g. Co., Chicago, Ill. Frame and handle structure.	848,020	Mar. 26	4683	1021	127	1270
Feust, Siegmund, New York, N. Y. Stationary washtub.	863,910	Aug. 20	2829	778	129	3031
Feval, Leon, Newark, N. J., assignor, by mesne assignments, to Guardian Trust Company of New York, trustee. Producing a dull finish on coated leather.	847,987	Mar. 19	4593	1008	127	1208
Feval, Leon, Newark, N. J., assignor, by mesne assignments, to Guardian Trust Company of New York, trustee. Leather and making the same.	848,357	Mar. 26	5305		127	1424
Few, Frederick C., Albany, assignor of one-half to P. J. Marsh, Troy, N. Y. Sewer-trap for catch-basins.	844,341	Feb. 19	2976	636	126	2610
Fezler, Charles. (See Way and Fezler.)						
Fiber and Stowell Company. (See Cunningham, Albert, assignor.)						
Ficener, Anthony A., assignor to Barnes Manufacturing Company, Mansfield, Ohio. Bracket.	846,022	Mar. 5	619	129	127	159
Ficker, Frederick C., et al. (See Kasse, Abram, assignor.)						
Fickett, Louis W., Portland, Me. Needle-cabinet for talking-machines.	863,164	Aug. 13	1716	461	129	2649
Fickett, Walter, Portland, Me. Baker's peel.	843,333	Feb. 5	1012	208	126	2045
Fickett, Walter, Portland, Me. Store-ladder.	848,021	Mar. 26	4685	1021	127	1270
Fiddes, Walter W., Bristol, and J. G. W. Aldridge, London, England. Apparatus for charging and discharging gas-retorts.	868,853	Oct. 22	2600	717-18	130	2179
Fidell, Edwin, Jersey City, N. J. Label and stamp applying machine.	870,619	Nov. 12	1168	318	131	413
Fidler, Homer D., Muncie, Ind. Sand-line reel for deep-well-drilling machinery.	871,791	Nov. 26	3426	841	131	956
Fidler, Meredith E., and H. Lingenfelter, Canton, Ill. Planter.	857,798	June 25	4591	972	128	2958
Fieberger, Frank, Akron, Ohio. Stove and furnace.	844,342	Feb. 19	2978	636	126	2610
Fiedeler, Hermann, Doebern, near Hanover, Germany. Apparatus for turning and bowing the heads of dolls.	863,270	Aug. 13	1885	508	129	2702
Fiedler, Wilhelm, Berlin, Germany, assignor to General Electric Company. Motor-controller.	869,356	Oct. 29	3381	930	130	2449

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Field, Charles F., Bangor, Me. Rake.....	847,055	Mar. 12	2685	590	127	710
Field, Charles W., Freeport, Me. Baling-press.....	854,345	May 21	3991	825	128	1093
Field, Claude E., Slater, Mo. Baling-press.....	845,625	Feb. 26	5748	1216-17	126	3335
Field, Edward, assignor to New Century Engine Company, Limited, London, England. Locomotive and other engine using a mixture of air and steam as a motive fluid.....	860,455	July 16	3286	898-9	129	1149
Field, George H., Rushville, Ill. Corn-planter.....	864,523	Aug. 27	3775	1049-50	129	3355
Field, Harold O., and C. Mörk, Moscow, Idaho. Adjustable triangle.....	861,507	July 30	4951	1360	129	1756
Field, Harold O., and C. Mörk, Moscow, Idaho. Adjustable triangle.....	861,581	July 30	5070	1391	129	1794
Field, Henry P., Jr., Berwick, Pa., assignor to B. A. Hegeman, Jr., North Plainfield, N. J. Car-truck bolster.....	840,834	Jan. 8	2082	461-2	126	573
Field, Joe G. (See Lyst, Charles E., assignor.)						
Field, John F., assignor to E. H. Stafford Manufacturing Company, Ionia, Mich. Folding joint for school-desks.....	875,251	Dec. 31	6015	1255	131	2257
Field, Marcellus S., Boston, Mass. Mail-bag rack.....	862,243	Aug. 6	219	60	129	2151
Field, Martin, Chicago, Ill. Mechanism for operating railway-switches.....	861,960	July 30	5647	1566	129	1968
Field, Millard F., Winthrop, Mass. Picker-check for looms.....	859,554	July 9	1915	515	129	674
Field, Millard F., Winthrop, and E. F. Hathaway, assignors to American Warp-Drawing Machine Company, Boston, Mass. Shifter-rod for power-driven machines.....	871,681	Nov. 19	3196	792	131	890
Field, Millard F., Winthrop, E. F. Hathaway and C. D. Lanning, assignors to American Warp-Drawing Machine Company, Boston, Mass. Warp-drawing machine.....	871,680	Nov. 19	3192	791-2	131	890
Field, Robert, Huddersfield, England. Cash-check till.....	845,342	Feb. 26	5220	1107-8	126	3205
Field, Samuel B., Scotch Plains, N. J. Trace-fastener.....	857,986	June 25	4986	1053	128	3058
Field, Samuel F., Findlay, Ohio. Leer.....	843,264	Feb. 5	879	179	126	2017
Field, Sjonne S., Chicago, Ill. Automatic chalker and reel for chalk-lines.....	845,401	Feb. 26	5338	1132-3	126	3233
Field, Thaddeus S. (See Sawtell, Field, and Crouch.)						
Field, Thomas V., assignor of one-half to T. P. Sylvan, Indianapolis, Ind. Mechanical toy.....	862,625	Aug. 6	882	236	129	2358
Fiedler, Edward V., Adelphia, N. J. Agricultural implement.....	843,741	Feb. 12	1790	381	126	2277
Fieiding, Christopher, South Bethlehem, Pa. Hinge.....	853,507	May 14	2296	475	128	624
Fieiding, William, Lewiston, Me. Spindle-lubricator.....	871,165	Nov. 19	2119	568	131	721
Fields, Arthur C., Littell, Wash. Dirt-scraper.....	860,203	July 16	2898	792	129	1021
Fields, George W., Chicago, Ill. Hair-straightening device.....	853,349	May 14	2000	413	128	546
Fields, John W., West Liberty, assignor of one-half to W. H. Haney, Lexington, Ky. Spur.....	866,119	Sept. 17	2138	595	130	729
Fields, Lester, Montfort, Wis. Neck-yoke attachment for taking up vibrations.....	865,094	Sept. 3	515	142	130	156
Fields, Madison B., Jr., Paris, Ill. Fruit-picker.....	854,206	May 21	3742	773	128	1027
Fields, Robert V., Douglass, Kans. Disk-grinder.....	862,724	Aug. 6	1032	276-7	129	2400
Fiers, William T., and B. F. Tigner, Redkey, Ind. Boiler-truck.....	857,454	June 18	3897	828	128	2751
Fierz, Jacob, Jersey City, N. J. Watch-protector.....	864,635	Aug. 27	3968	1101	129	3412
Fietsam, John, Okawville, Ill. Knockdown trestle.....	862,725	Aug. 6	1034	277	129	2401
Fife, George W. (See Coghlan and Fife.)						
Fifield, James J., Boston, assignor of one-half to W. Howland, Chelsea, Mass. Lock-nut.....	849,535	Apr. 9	1841	373	127	2094
Fifield, Warren. (See Trace and Fifield.)						
Figg, George E., Montreal, Quebec, Canada. Garment hook-fastener.....	862,328	Aug. 6	365	100	129	2197
Figg, George E., Montreal, Quebec, Canada. Tie-shield.....	875,511	Dec. 31	6526	1361	131	2339
Fildes, Rollin D., assignor of one-half to L. Parish, Cleveland, Ohio. Gage.....	861,582	July 30	5071	1391	129	1795
Fillyaw, Hanson M., and R. B. Humphrey, Lumerton, N. C. Spring bed-bottom.....	861,450	July 30	4880	1338	129	1732
Filson, Ira, Springfield, Ohio. Safety device for heaters.....	867,355	Oct. 1	197	56-8	130	1373
Filson, T. S. (See Beatty, Orah T., assignor.)						
Filteau, Victor, Montreal, Quebec, Canada. Carrier.....	862,148	Aug. 6	42	12	129	2094
Finan, John F., Cumberland, Md. Paper-roll holder and cutter.....	842,090	Jan. 22	4592	987	126	1284
Finan, John F., Cumberland, Md. Roll-paper holder and cutter.....	846,194	Mar. 5	962	204	127	244
Finch, Abram, Boone, assignor of one-half to A. W. Morgan, Perry, Iowa. Force-feed lubricator.....	868,174	Oct. 15	1489	421	130	1810
Finch, Adam T. (See Davis and Finch.)						
Finch, Herbert I. (See Meston and Finch.)						
Finch, Joda, Lyndhurst, N. J. Electrical thermostatic alarm.....	870,423	Nov. 5	881	236	131	290
Finch, John W., Elizabeth, Miss. Hand-car.....	847,927	Mar. 19	4470	980	127	1180
Finch, John W., Elizabeth, Miss. Locomotive.....	861,101	July 23	4297	1180	129	1511
Finch, Leslie G., Brantford, Ontario, Canada. Automatic disappearing chair.....	841,135	Jan. 15	2721	594	126	781
Finch, Oscar T., Little-Rock, assignor of one-half to W. P. Daily, Russellville, Ark. Blasting-cartridge.....	861,209	July 23	4455	1222	129	1564
Finch, Paul R., Des Moines, Iowa. Gas-mantle.....	870,229	Nov. 5	562	151	131	184
Fincke, Charles W., Bellasylva, Pa. Rotary engine.....	862,462	Aug. 6	604	160-1	129	2278
Finkel, George M., assignor to E. M. Hulse Company, Columbus, Ohio. Apparatus for manufacturing upholstery.....	875,252	Dec. 31	6017	1255	131	2258
Findeisen, Frederick, Chicago, Ill. Flushing-tank.....	840,613	Jan. 8	1675	368	126	473
Fine, Samuel, Arcadia, Pa. Cooking utensil.....	857,167	June 18	3366	710	128	2618
Fineirock, James H., Hibbetts, Ohio. Window-pane fastener.....	859,443	July 9	1743	465	129	618
Finegan, Christopher P., Sheridan, Ill. Currycomb.....	852,547	May 7	338	60	128	92
Finer, John, Portland, Oreg. Theater-level.....	859,903	July 9	2442	66-4	129	84
Finfrock, William H. (See Scheck and Finfrock.)						
Fingal, Robert C., and T. Fabrin, Aurora, Ill. Pane-attaching means.....	849,112	Apr. 2	1009	204	127	1846
Finholt, Wodor, Bird Island, Minn. Sad-iron.....	861,961	July 30	5648	1566-7	129	1969
Fink, George, Northfield, Minn. Carrier.....	869,357	Oct. 29	3383	931	130	2450
Finkbeiner, Charles T., Wilksburg, Pa. Fan.....	856,690	June 11	2463	506	128	2352
Finkbeiner, Frederick C., Grassange, Mont. Animal-trap.....	844,927	Feb. 19	4382	937	126	2953
Finkensieper, Adolph, West Hoboken, N. J. Shoe-lace.....	847,752	Mar. 19	4093	894	127	1090
Finlay, Robert H. F., Belfast, Ireland. Battery of electrolytic cells.....	850,867	Apr. 16	4337	909-10	127	2768
Finley, Clarence D., Memphis, Tenn. Gas-generator.....	846,295	Mar. 5	1139	251	127	288
Finley, Henry L. (See Baughn, Samuel C., assignor.)						
Finley, Herschel C., Cherryvale, Kans. Oil-burner.....	868,175	Oct. 15	1490	422	130	1811
Finn, Austin, Philadelphia, Pa. Rounding and channeling machine.....	859,444	July 9	1743	466	129	612
Finn, William P., Dansville, N. Y. Lightning-conductor.....	852,548	May 7	339	60-1	128	92
Finnell, Airy L., New York, N. Y. Wheel for vehicles.....	864,089	Aug. 20	3085	851	129	3107
Finnell, John. (See Ellis and Finnell.)						
Finnese, Joseph, Homestead, Pa. Target.....	861,824	July 30	5449	1502	129	1907
Finney, Cassius L., et al. (See Young and Conley, assignors.)						
Finney, Gerald W. (See Gilbert, Sidney C., assignor.)						
Finney, Samuel C., Breadyville, Pa. Square.....	871,117	Nov. 19	2003	546	131	704
Finney, William C., Washington, D. C. Garter-clasp.....	875,418	Dec. 31	6348	1323	131	2310
Fiquist, Gustaf E., assignor to Golbert Last Company, Worcester, Mass. Boot and shoe tree leg.....	843,673	Feb. 12	1671	354	126	2246
Finsrud, Hans A. (See Iversen and Finsrud.)						
Finton, Walter L., Appleton, Wis. Grain-bin.....	867,962	Oct. 15	1186	327-8	130	1717

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Finzi, Giorgio, and E. Tallero, Milan, Italy. Brush-holder for electric machines.....	874,665	Dec. 24	4835	1015	131	2042
Fiorentini, Henry. (See Mongardi, Giovanni, assignor.)						
Fippard, Arthur J., London, England. Hydraulic clutch.....	866,926	Sept. 24	3333	942	130	1139
Fireks, Paul von, Dresden, Germany. Single-track railway system.....	844,111	Feb. 12	2479	532	126	2445
Fireman, Peter, Braddock Heights, Va. Production of printing-ink pigments.....	857,044	June 18	3123	659	128	2556
Fireproof Materials Company. (See Shinn, Joseph A., assignor.)						
Firm, Joseph L., assignor to Goss Printing Press Company, Chicago, Ill. Casting-box for stereotype apparatus.....	839,924	Jan. 1	247	53	126	68
Firm, Joseph L., Berwyn, assignor to Goss Printing Press Company, Chicago, Ill. Associating, folding, and delivering mechanism for printing-machines.....	868,854	Oct. 22	2601	718	130	2179
Firm, Joseph L., Berwyn, assignor to Goss Printing Press Company, Chicago, Ill. Printing-machine.....	868,855	Oct. 22	2602	718-19	130	2179
Firm, Joseph L., Berwyn, assignor to Goss Printing Press Company, Chicago, Ill. Cutting and folding device for printing-presses.....	868,856	Oct. 22	2604	719-20	130	2180
Firm, Joseph L., Berwyn, assignor to Goss Printing Press Company, Chicago, Ill. Associator and folder for printing-machines.....	868,918	Oct. 22	2699	745	130	2210
Firsching, Joseph A., assignor to Johnston Novelty & Mill Specialty Company, Utica, N. Y. Machine for cutting and winding collarets.....	848,614	Mar. 26	5805	1265	127	1549
Firth Sterling Steel Company. (See Wheeler and McKenna, assignors.)						
Firth, William. (See Barnes, Edwin, assignor.)						
Fischer, Adalbert W., and P. W. Knauf, assignors to Schutte and Koerting Company, Philadelphia, Pa. Stop-valve construction.....	852,709	May 7	678	132	128	177
Fischer, Adam E., New York, N. Y. Well-door for dumb-waiters.....	868,422	Oct. 15	1896	532	130	1933
Fischer, Christian A., Grand Forks, N. D. Adjustable feed-carriage for lathes.....	874,176	Dec. 17	3838	809	131	1848
Fischer, Christoph, Cassel, Germany. Painter's utensil.....	854,638	May 21	4525	945	128	1224
Fischer & Co. Martin. (See Fischer, Martin, assignor.)						
Fischer, Edward J., et al. (See Fischer, Peter J., assignor.)						
Fischer, Emil, Berlin, Germany. Organic iodine preparation.....	842,140	Jan. 22	4712	.....	126	1315
Fischer, Emil, Berlin, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Bromine derivative of fatty acids.....	848,230	Mar. 26	5030	.....	127	1358
Fischer, Emil, Berlin, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Bromine derivative of fatty acids.....	850,111	Apr. 9	2872	.....	127	2351
Fischer, Emil, Berlin, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Organic iodine preparation.....	858,446	July 2	127	.....	129	43
Fischer, Ernst. (See Lehnert, Franz H., assignor.)						
Fischer, Ernst, Dresden, Germany, assignor to Arabol Manufacturing Company, New York, N. Y. Resin soap.....	867,963	Oct. 15	1188	328	130	1718
Fischer, Friedrich B., Dresden, Germany. Screw-gage and the like.....	843,265	Feb. 5	880	180	126	2017
Fischer, George J. (See Walcott and Fischer.)						
Fischer, Guillaume, Geneva, Switzerland. Sewing-machine.....	851,082	Apr. 23	4733	996-7	127	2906
Fischer, Henry J., assignor to two-thirds to W. C. Abbott and J. S. Brown, Monmouth, Ill. Nut-lock.....	859,054	July 2	1150	307	129	391
Fischer, Hugo, New York, N. Y. Muff-bed.....	856,691	June 11	2465	507	128	2352
Fischer, Jens J. O., Racine, Wis., assignor, by mesne assignments, to Laas & Sponenburgh Co. Railway-rail stay.....	847,403	Mar. 19	3370	738	127	908
Fischer, John A. (See Fischer, John C. and J. A.)						
Fischer, John C. and J. A., Lexington, Okla. Ter. Gate.....	844,859	Feb. 19	4271	910	126	2926
Fischer, Joseph, Budapest, Austria-Hungary. Letter, figure, and the like in relief.....	863,523	Aug. 13	2240	606	129	2813
Fischer, Joseph B., assignor to E. A. Tesch, Chicago, Ill. Fountain marking-brush.....	846,558	Mar. 12	1694	373	127	459
Fischer, Julius, assignor to one-half to G. Shiema, Philadelphia, Pa. Neckband-stretcher.....	844,110	Feb. 12	2477	532	126	2445
Fischer Manufacturing Company. (See Bronnenkant, Joseph, assignor.)						
Fischer, Martin, Zurich, Switzerland. Clock controlled by reversals of electric current.....	844,010	Feb. 12	2294	491	126	2401
Fischer, Martin, Zurich, Switzerland. Brake for vehicles.....	860,909	July 23	3995	1095	129	1414
Fischer, Martin, Zurich, Switzerland. Explosive-engine.....	868,978	Oct. 22	2784	767	130	2237
Fischer, Martin, assignor to Actiengesellschaft "Magnet", Zurich, Switzerland. Electric sympathetic or secondary clock for induction-currents.....	844,009	Feb. 12	2292	491	126	2400
Fischer, Martin, assignor to Firm of M. Fischer & Co., Zurich, Switzerland. Motor-vehicle.....	844,011	Feb. 12	2295	491	126	2401
Fischer, Nicholas, et al. (See Fischer, Peter J., assignor.)						
Fischer, Peter J., assignor of two-thirds to N. and E. J. Fischer, Cincinnati, Ohio. Tile construction.....	874,909	Dec. 24	5339	1116	131	2121
Fischer, Robert, New York, N. Y. Pin-retaining device.....	844,274	Feb. 12	2826	602	126	2534
Fiscus, Charles N. (See Luff, Henry J., assignor.)						
Fish, Benjamin. (See Oldham, Herschel, assignor.)						
Fish, Cyrus R., Denver, Colo. Clothes-line stretcher.....	870,944	Nov. 12	1725	472	131	589
Fish, Harry P., Youngstown, Ohio. Hot-air furnace.....	848,543	Mar. 26	5642	1236	127	1508
Fish, John, Manchester, England. Apparatus for doubling cloth, &c.....	855,831	June 4	848	176	128	1908
Fish, Joseph F., assignor to one-half to E. B. Reith, Chicago, Ill. Nut-lock.....	871,921	Nov. 26	3724	907	131	1001
Fishburn, John P., Los Angeles, Cal. Lawn-sprinkling device.....	871,682	Nov. 19	3200	792	131	891
Fisbel, Frederick E., et al. (See Luckenbach, Harry, assignor.)						
Fisbel, Henry W., assignor to Fisbel, Nessler & Company, New York, N. Y. Jewel-mounting.....	860,204	July 16	2898	792	129	1021
Fisbel, Nessler & Company. (See Fisbel, Henry W., assignor.)						
Fisher, Alexander M., New York, N. Y. Telegraphic code.....	841,952	Jan. 22	4331	933-5	126	1222
Fisher, Artemus W. (See Dawson, Charles E., assignor.)						
Fisher, Charles, Oak Park, Ill., assignor to one-half to H. Segnitz, Milwaukee, Wis. Pocket-safe.....	850,868	Apr. 16	4340	910	127	2769
Fisher, Charles, Oak Park, Ill., assignor to one-fifth to J. Segnitz, Milwaukee, Wis. Lock.....	862,065	July 30	5802	1609	129	2018
Fisher, Daniel C., Boston, Mass. Massage apparatus.....	852,549	May 7	340	61	128	93
Fisher, Daniel C., Boston, Mass. Feed mechanism for carding-engines.....	872,719	Dec. 3	844	175-6	131	1300
Fisher, Donnelly, et al. (See Hawkins, Thomas H., assignor.)						
Fisher, Duncan J., Ovando, Mont. Box-fastener.....	864,363	Aug. 27	3510	975	129	3267
Fisher, Frank, Des Moines, Iowa. Smoke-consuming furnace.....	856,341	June 11	1763	367	128	2174
Fisher, Frederick P., Boston, Mass. Portable mirror-holder.....	852,660	May 7	581	110	128	152
Fisher, Frederick W., Collingswood, N. J. Water-gage for boilers.....	852,781	May 7	831	167	128	212
Fisher, George F., North Tonawanda, N. Y. Mold and die for making building-blocks.....	841,136	Jan. 15	2724	595	126	782
Fisher, George F., North Tonawanda, N. Y. Block lifting and carrying apparatus.....	841,137	Jan. 15	2726	595	126	782
Fisher, George H., Plainfield, N. J. Blind-fastener.....	848,980	Apr. 2	738	150	127	1775
Fisher, George P., Jr., Chicago, Ill. Planter.....	842,642	Jan. 29	5816	1228	126	1631
Fisher, Harold J., assignor to G. H. Duke, Hotchkiss, Colo. Telephony.....	847,283	Mar. 12	3111	686	127	815
Fisher, Harvey L., Woodstock, assignor to Fisher Manufacturing Company, Chicago, Ill. Type-writer.....	874,056	Dec. 17	3565	759-60	131	1809
Fisher, Harvey L., Woodstock, assignor to Fisher Manufacturing Company, Chicago, Ill. Type-writer.....	874,057	Dec. 17	3577	760	131	1809
Fisher, Harvey L., assignor to Fisher Manufacturing Company, Chicago, Ill. Tabulator for type-writing machines.....	874,058	Dec. 17	3582	761	131	1810

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Fisher, Harvey L., assignor to Fisher Manufacturing Company, Chicago, Ill. Tabulator for type-writing machines.	874,059	Dec. 17	3596	762	131	1810
Fisher, Harvey L., assignor to Fisher Manufacturing Company, Chicago, Ill. Adding attachment for type-writing machines.	874,060	Dec. 17	3611	762-3	131	1811
Fisher, Henry, Everly, Iowa. Wrench.	868,176	Oct. 15	1491	422	130	1811
Fisher, Henry L., Waynesboro, Pa. Bolt-cutting machine.	864,964	Sept. 3	324	87	130	103
Fisher, Hurley A. and J. P., Charleston, assignors to O. J. Morrison, Ripley, W. Va. Nut-lock.	871,922	Nov. 26	3725	907	131	1001
Fisher, Isaac M., Seattle, Wash. Rope-reel.	869,163	Oct. 22	3069	847	130	2325
Fisher, Jacob, Sac City, Iowa. Wire fence.	845,072	Feb. 26	4676	993	126	3066
Fisher, James, East Liverpool, Ohio, and J. F. Evarts, Chester, W. Va. Switch-throwing device.	851,508	Apr. 23	5598	1172	127	3119
Fisher, James N., Springfield, assignor to J. Stevens Arms & Tool Company, Chicopee Falls, Mass. Set-trigger for firearms.	852,942	May 7	1171	241-2	128	298
Fisher, James P. (See Fisher, Hurley A. and J. P.)						
Fisher, Lucius G. (See Murchie, Sylvanus T., assignor.)						
Fisher, M. E., et al. (See Upton, Edmund F., assignor.)						
Fisher Manufacturing Company. (See Fisher, Harvey L., assignor.)						
Fisher, Martin E. (See Upton and Fisher.)						
Fisher, Michel J., Utica, N. Y. Fabric-reeling machine.	848,981	Apr. 2	739	150	127	1776
Fisher, Oliver, Sloan, Iowa. Clasp.	850,743	Apr. 16	4092	855	127	2704
Fisher, Oliver, Sloan, Iowa. Mail deliverer and receiver.	873,527	Dec. 10	2505	528-9	131	1601
Fisher, Oliver M., Washburn, Ill. Draft-equalizer.	865,371	Sept. 10	951	273	130	317
Fisher, Oliver W., Jersey Shore, Pa. Grain-drill.	845,168	Feb. 26	4861	1031	126	3116
Fisher, Oliver W., Jersey Shore, Pa. Plow attachment.	845,169	Feb. 26	4865	1031-2	126	3117
Fisher, S. S. (See Roth, Charles C., assignor.)						
Fisher, Theobald G., Stratford, Wis. Tie.	858,376	July 2	21	8	129	8
Fisher, William C., Middletown, Conn. Hook.	851,509	Apr. 23	5599	1172	127	3119
Fisher, William F., New Britain, Conn. Sad-iron.	845,296	Feb. 26	5141	1091	126	3187
Fisher, Willis H., Mount Gilead, Ohio. Wall structure.	840,760	Jan. 8	1950	429	126	541
Fishmann, Arthur, New York, N. Y. Sanitary cuspidor.	855,296	May 28	5883	1226	128	1600
Fisk, Alfred A., Pomona, Cal. Pipe-closure.	862,626	Aug. 6	884	237	129	2359
Fisk, Elmer L., Hallstead, Pa. Pot or pan lifter.	845,771	Mar. 5	77	15	127	23
Fisk, Henry M., Pella, Iowa. Traveling capstan.	842,394	Jan. 29	5277	1121	126	1496
Fisk, Leland A., Rockton, Ill. Heating-furnace.	852,056	Apr. 30	6772	1410	127	3450
Fisk Rubber Company. (See Cole, John C., assignor.)						
Fisk, William T., Detroit, Mich. Casket-handle.	849,669	Apr. 9	2079	427	127	2152
Fiske, Bradley A., U. S. Navy, assignor to Western Electric Company, Chicago, Ill. Range-finder.	864,237	Aug. 27	3321	920	129	3211
Fiske, G. Walter, et al. (See Geiger, Charles E., assignor.)						
Fiske, Mary L., and J. R. Smith, Port Chester, N. Y. Skirt-guard for baby-coaches.	849,839	Apr. 9	2397	489	127	2235
Fister, Ignatius V., Stoneham, Mass. Curtain-fastening.	841,316	Jan. 15	3076	666	126	870
Fitch, Abbie R., Denver, Colo. Scale and chord circle.	854,572	May 21	4417	916-17	128	1198
Fitch, Arden S., New York, N. Y. Amusement apparatus.	857,338	June 18	3678	778	128	2699
Fitch, Frank B. (See Fitch, Henry, assignor.)						
Fitch, Henry, Lawrenceburg, Ind., assignor to F. B. Fitch, Los Angeles, Cal. Canal-lock construction.	862,066	July 30	5804	1609-10	129	2018
Fitch, Horace L. (See Miner and Fitch.)						
Fittipaldi, Pascual, and F. S. Lucia, Buenos Ayres, Argentina. Construction of shot-guns.	847,564	Mar. 19	3690	813	127	992
Fitts, James L., Merchantville, N. J., assignor to Warren Webster & Company. Apparatus for testing feed-water, &c.	848,733	Apr. 2	227	45	127	1645
Fitz, Amos C., Pullman, Ill. Reverse mechanism.	858,447	July 2	127	34	129	43
Fitz, George W., Boston, Mass. Massage apparatus.	845,733	Feb. 26	5985	1264-5	126	3394
Fitz, George W., Boston, Mass., and F. W. Hitchings, Cleveland, Ohio. Massage apparatus.	851,510	Apr. 23	5600	1172	127	3120
Fitz Simmons, Jay F., Minneapolis, Minn. Music-stand.	841,953	Jan. 22	4336	935	126	1224
Fitz Simmons, William B., Chicago, Ill. Keyboard for musical instruments.	842,539	Jan. 29	5597	1184-5	126	1577
Fitzberger, Thomas F., Jr. (See Grace, Harry E., assignor.)						
Fitzgerald, Albert W., Terre Haute, Ind. Trench-sheeting.	841,773	Jan. 22	3979	859	126	1135
Fitzgerald, Henry P., Jamestown, Kans. Ramrod.	855,297	May 28	5884	1226	128	1600
Fitzgerald, J. C., et al. (See Harris, William A. and B. S. H., assignors.)						
Fitzgerald, James. (See Patnod, Felix J., assignor.)						
Fitzgerald, James, Little Falls, N. Y. Cooking utensil.	863,911	Aug. 20	2830	779	129	3032
Fitzgerald, Jeremiah C., Kilbourn, assignor of one-half to W. Blume, Portage, Wis. Manure-carrier.	870,718	Nov. 12	1341	366	131	472
Fitzgerald, Jesse R., Toronto, Ontario, Canada. Composition for wood-filling.	842,190	Jan. 29	4839		126	1380
Fitzgerald, Jesse R., Toronto, Ontario, Canada. Composition for furniture and piano polishing.	855,451	June 4	23		128	1701
Fitzgerald, Joseph R., Springfield, Ohio. Portable awning.	847,327	Mar. 19	3208	706	127	867
Fitzgerald, Richard. (See Hibbard, Maury W., assignor.)						
Fitzgerald, Richard. (See Macfarlane, William P. A., assignor.)						
Fitzgerald, Thomas J., Albany, N. Y. Non-refillable-bottle stopper.	859,055	July 2	1151	307	129	391
Fitzgerald, William, Everett, Mass. Grate.	864,160	Aug. 27	3210	889	129	3173
Fitzgerald, William H., near Watertown, N. Y. Hinge.	843,081	Feb. 5	492	103	126	1920
Fitzgerald, William P., Brooklyn, N. Y., assignor to Crouch & Fitzgerald. Packing-case.	848,889	Apr. 2	592	118	127	1740
Fitzgibbon, James H., Milwaukee, Wis. Fence-post.	870,352	Nov. 5	760	203	131	250
Fitzgibbon, John J., St. Louis, Mo. Boot for draft-animals.	872,060	Nov. 26	4052	971	131	1047
Fitzgibbon, John J., and J. M. Travis, St. Louis, Mo. Faucet.	850,916	Apr. 23	4440	928	127	2834
Fitzhugh, William H., New York, N. Y., and J. W. Lovelace, Jersey City, N. J. Clothes-line holder.	864,636	Aug. 27	3970	1101	129	3412
Fitzpatrick, Edward, and E. R. Jones, Kansas City, Mo. Wagon-standard.	858,590	July 2	396	103	129	141
Fitzpatrick, Frank J., Pontiac, Ill. Corn-husking machine.	864,238	Aug. 27	3326	920-1	129	3211
Fitzpatrick, Henry J., Athens, Ga. Attachment for cleaning cotton-gin saws.	847,753	Mar. 19	4094	894	127	1080
Fitzpatrick, James, Peekskill, N. Y. Liquid-dispenser.	873,306	Dec. 10	2069	432	131	1527
Fitzpatrick, John W. (See Colvin, Hockett, and Fitzpatrick.)						
Fitzpatrick, Kerien, et al. (See Yoe, Philip, assignor.)						
Fitzsimmons, James C., San Francisco, Cal. Protected grate-bar.	841,498	Jan. 15	3440	741	126	967
Fitzsimmons, James C., Oakland, Cal. Oil-burner.	846,990	Mar. 12	2553	562	127	679
Fitzwater, Joseph E. (See Smith, Kemp, and Fitzwater.)						
Fitzwater, William M., Gregory, Ga. Baling-press.	863,975	Aug. 20	2922	805	129	3058
Fixler, Edgar L., Delta, Ohio. Trolley-stand.	857,612	June 25	4222	893	128	2864
Fjare, Anders, Schenectady, N. Y., assignor to General Electric Company. Protection of parallel transmission-lines.	848,982	Apr. 2	740	150	127	1776
Flach, John H. (See Schilling and Flach.)						
Flad, Alois, New York, N. Y. Propeller.	853,233	May 14	1749	363	128	475

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Flad, Edward, St. Louis, Mo. Concrete metal construction.....	845,938	Mar. 5	438	90	127	112
Flaecher, Franz. (See Stolz and Flaecher.)						
Flagg, Eben M., New York, N. Y. Dental regulator and spacer.....	868,628	Oct. 15	2246	622	130	2046
Flaharida, Charles E. (See Schreiber and Flaharida.)						
Flamache, Armand, and J. Gernaert, Brussels, Belgium. Fastening device for rails.....	857,987	June 25	4987	1054	128	3058
Flamm, Oswald, Charlottenburg, and F. Romberg, Nicolasse, near Wannsee, Germany. Water-tube boiler.....	844,343	Feb. 19	2980	637	126	2611
Flamm, William A. (See Schultz, Harry C., assignor.)						
Flanagan, Denis, Clayton-le-Moors, England. Blindstitch sewing-machine.....	856,999	June 11	3034	638	128	2495
Flanagan, J. A., et al. (See Rogers, John, assignor.)						
Flanagan, J. W., et al. (See Rogers, John, assignor.)						
Flanagan, Joaquin J. (See Flanagan, John A. and J. J.)						
Flanagan, John A. and J. J., Corning, Cal. Draft-equalizer.....	840,835	Jan. 8	2085	462	126	574
Flanders, Elverton P. (See Stevens and Flanders.)						
Flanders, Lorin H., Memphis, Tenn. Bed.....	850,744	Apr. 16	4094	856-7	127	2704
Flanders, Louis H., Wilksburg, Pa., assignor to Westinghouse Machine Company. Appliance for assembling storage batteries.....	871,393	Nov. 19	2625	671	131	798
Flanders, Sarah. (See Feinberg, Sachary I., assignor.)						
Flangeless Railway Corporation. (See Beecher, Lina, assignor.)						
Flannery, Matthew J., Bozeman, Mont. Door-fastener.....	875,572	Dec. 31	6634	1388	131	2358
Flannery, Michael A., Newport, Ky., assignor to E. H. Huenefeld Company, Cincinnati, Ohio. Stovepipe.....	848,164	Mar. 26	4913	1073	127	1328
Flannigan, Edward, assignor to United Appliance Manufacturing Company, St. Louis, Mo. Dental soldering apparatus.....	867,193	Sept. 24	3763	1063	130	1273
Flatau, Louis S., assignor of one-half to J. P. Gruet, Jr., St. Louis, Mo. Shackle-seal.....	862,149	Aug. 6	45	12	129	2095
Flatau, Louis S., assignor of two-thirds to J. P. Gruet, Jr., and W. M. Warren, St. Louis, Mo. Rotary engine.....	863,524	Aug. 13	2241	606-7	129	2813
Flateau, Paul H., assignor to Societe Universelle De L'Asservisseur Automatique Titan, Paris, France. Automatic hugger.....	851,124	Apr. 23	4807	1012	127	2923
Flather, Ernest J., Nashua, N. H. Indexing mechanism.....	874,754	Dec. 24	5010	1056-7	131	2071
Flather, Robert B., Oakland, Cal., assignor to Bryan-Marsh Company, New York, N. Y. Rotating heating device for tabulating glass bulbs.....	842,191	Jan. 29	4839	1033	126	1380
Flatley, Dominick, Manchester, Mass. Scaffold.....	863,708	Aug. 20	2515	694	129	2932
Flatow, Leo. (See Kaiser, Charles A., assignor.)						
Flax, George. (See Morrey, Edward, assignor.)						
Fleckenstein, Leonard S., Easton, Md. Apparatus for processing sugar-corn.....	851,511	Apr. 23	5602	1173	127	3120
Fleegle, John W. (See Peterson, John H. N., assignor.)						
Flegel, August W., Cranford, N. J., assignor to Aeolian Company, New York, N. Y. Pneumatic valve for musical instruments.....	850,635	Apr. 16	3905	814	127	2659
Flegel, Harrison D., assignor to E. J. Schowalter, Racine, Wis. Door-securer.....	848,644	Apr. 2	44	10	127	1595
Fleischer, Emil, Dresden-Strehlen, assignor to J. E. Goldschmid, Frankfort-on-the-Main, Germany. Manufacturing power-gas.....	841,499	Jan. 15	3441	741	126	967
Fleischman, Charles R., Chicago, Ill. Ball.....	859,378	July 9	1659	442	129	590
Fleischman, Edwin C., and J. F. Jennings, assignors to Monarch Brass Company, Cleveland, Ohio. Faucet.....	874,755	Dec. 24	5017	1057	131	2072
Fleischmann, Adalbert, assignor to Volt-Ampere-Gesellschaft, Fleischmann & Co., Frankfort-on-the-Main Germany. Speedometer.....	846,296	Mar. 5	1140	251	127	289
Fleischmann, Ferdinand, Mödling, near Vienna, Austria-Hungary. Egg-opener.....	875,419	Dec. 31	6350	1323	131	2310
Fleming, Allison H., Fairmont, W. Va. Shade-roller bracket.....	842,091	Jan. 22	4594	987	126	1284
Fleming, Allison H., Fairmont, W. Va. Shade-roller bracket.....	862,463	Aug. 6	606	161	129	2278
Fleming, Allison H., Fairmont, W. Va. Razor-stroppler.....	864,524	Aug. 27	3778	1050	129	3356
Fleming, Allison H., Fairmont, W. Va. Shade-roller.....	870,876	Nov. 12	1601	439	131	551
Fleming, Allison H., Fairmont, W. Va. Razor-blade holder.....	870,877	Nov. 12	1603	439	131	552
Fleming, Amelia A. (See Fleming, Ira A., assignor.)						
Fleming, August L. N., Allegheny, Pa. Amusement apparatus.....	844,720	Feb. 19	3995	851	126	2854
Fleming, Burton S. (See Fleming, Peter F. and C. A., assignors.)						
Fleming, Carl, Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Controller-operating mechanism.....	872,720	Dec. 3	851	177	131	1301
Fleming, Charles F., San Jose, Cal. Dried-fruit-packing device.....	844,275	Feb. 12	2827	602	126	2534
Fleming, Charles R., Los Angeles, Cal. Combined fishing-float and line-holder.....	842,540	Jan. 29	5599	1185	126	1578
Fleming, Clarence C., Amityville, assignor to E. Faber, New York, N. Y. Display device.....	873,421	Dec. 10	2298	480	131	1566
Fleming, Clifford A. (See Fleming, Peter F. and C. A.)						
Fleming, Edward, Bridgeport, Ohio. Picture-hanger.....	866,270	Sept. 17	2355	654	130	798
Fleming, Edward J., et al. (See Ralls, John C., assignor.)						
Fleming, Forney W., Archer, Fla., assignor of one-half to S. K. Fleming, Montgomery, Ala. Eccentric.....	872,922	Dec. 3	1258	269	131	1365
Fleming, Frank, Rome, N. Y. Tube-cutter.....	869,628	Oct. 29	3825	1048	130	2585
Fleming, Frank, Rome, N. Y. Journal-bearing.....	869,629	Oct. 29	3827	1048	130	2586
Fleming, Henry C., and W. F. Royster, Denison, Tex. Floor-jack.....	849,059	Apr. 2	894	183	127	1815
Fleming, Ira A., assignor to A. A. Fleming, Union City, Wash. Door-fastener.....	848,817	Apr. 2	444	87	127	1699
Fleming, Ira A., assignor to A. A. Fleming, Union, Wash. Stump-puller.....	859,379	July 9	1661	442	129	591
Fleming, James, Middleton, Ga. Clothes-pounder.....	866,120	Sept. 17	2138	595	130	729
Fleming, James A., Paola, Kans. Can-closure.....	869,076	Oct. 22	2941	810	130	2286
Fleming, John, assignor to J. Braun & Sons, Philadelphia, Pa. Handle for lawn-mowers and similar articles.....	847,565	Mar. 19	3691	813	127	992
Fleming, John J., Carriek, assignor to Phillips Mine and Mill Supply Co., Pittsburg, Pa. Coal-tipple.....	849,113	Apr. 2	1010	204	127	1846
Fleming, John J., P. J. Trub, and W. H. Blackton, Philadelphia, Pa. Sand-molding machine.....	851,125	Apr. 23	4808	1013	127	2923
Fleming, Josiah C., assignor to Pilling Air Engine Company, Detroit, Mich. Turn-table.....	870,669	Nov. 12	1266	345	131	446
Fleming, Martin C. (See Pendleton, William S., assignor.)						
Fleming, Peter F. and C. A.; said Peter F. Fleming assignor to said C. A. Fleming and B. S. Fleming, Huntsville, Mo. Hay-stacker.....	860,205	July 16	2899	792-3	129	1021
Fleming, Richard, Lynn, Mass., assignor to General Electric Company. Resistance unit.....	845,225	Feb. 26	4980	1059	126	3146
Fleming, Richard, Lynn, Mass., assignor to General Electric Company. Circuit-control apparatus.....	863,165	Aug. 13	1716	461-2	129	2650
Fleming, Richard, Lynn, Mass., assignor to General Electric Company. Arc-lamp electrode.....	869,300	Oct. 29	3287	905	130	2421
Fleming, Richard, Lynn, Mass., assignor to General Electric Company. Arc-lamp electrode.....	869,301	Oct. 29	3288	906	130	2421
Fleming, Richard, Swampscott, and C. A. B. Halvorson, Jr., Lynn, Mass., assignors to General Electric Company. Arc-lamp.....	866,012	Sept. 17	1969	549	130	676
Fleming, Robert, Toronto, Ontario, Canada. Extension ladder and lift.....	849,222	Apr. 2	1221	248	127	1900
Fleming, Samuel K. (See Fleming, Forney W., assignor.)						
Fleming, Thomas. (See Moore, James, assignor.)						
Fleming, William J., New York, N. Y. Buckle.....	862,892	Aug. 13	1296	351	129	2515

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Fleming, William T., Los Angeles, Cal. Roller-bearing.	853,445	May 14	2161	450	128	587
Flemming, Carl E., Schönheide, Germany. Machine for boring brush-blocks, &c.	861,210	July 23	4457	1223	129	1565
Fletcher, Charles W. (See Grass, Cook, Fletcher, and Arndt.)						
Fletcher, Claude D., Indianapolis, Ind. Skirt-supporter and waist-stay.	851,805	Apr. 30	6222	1297	127	3310
Fletcher, Elliott G., executor. (See Leni, Charles.)						
Fletcher, Elmer, assignor of two-thirds to E. De Groot and E. C. Phillips, Indianapolis, Ind. Advertising-cabinet.	844,344	Feb. 19	2982	637-8	126	2611
Fletcher, Frederick W., Helpston, Market Deeping, assignor of one-half to L. W. J. Digby, Haycock, Wansford, England. Alloy.	867,194	Sept. 24	3764		130	1274
Fletcher, Henry O., Hyde Park, Mass. Power-transmission gearing.	860,649	July 23	3602	987	129	1288
Fletcher, Homer M., Sanco, Tex. Pump-rod coupling.	847,928	Mar. 19	4471	980-1	127	1181
Fletcher, Ira E., Montello, Mass. Caster for drying-racks for shoe factories.	860,650	July 23	3605	988	129	1289
Fletcher, Ira E., Montello, Mass. Rotary heel-seat maker and counter-pounder.	872,617	Dec. 3	624	131	131	1265
Fletcher, James H., Bridport, Vt. Advertising-stand.	852,710	May 7	680	132	128	178
Fletcher, James J., Toronto, Ontario, Canada. Boiler-bracket.	848,890	Apr. 2	595	118	127	1741
Fletcher, Lawrence A. (See Muncaster and Fletcher.)						
Fletcher, Lawrence A., Cumberland, Md., assignor to National Glass Company, Pittsburgh, Pa. Manufacturing glassware.	843,594	Feb. 12	1521	322-3	126	2206
Fletcher, Morris D., Springfield, Mass. Safety-razor-blade holder.	857,390	June 18	3782	801	128	2723
Fletcher, Nathan W., Chicago Heights, assignor of one-half to F. A. Hecht, Chicago, Ill. Throttle-valve.	860,910	July 23	3995	1095	129	1414
Fletcher, Orland C., Chicago, Ill. Broom-rack.	854,048	May 21	3504	722	128	966
Fletcher, William H., Paterson, N. J. Dyeing-machine.	872,807	Dec. 3	1019	214-15	131	1329
Fleury, Joseph, Manchester, N. H. Faucet attachment.	866,121	Sept. 17	2139	595	130	729
Fleuss, Henry A., assignor to Pulsometer Engineering Company, Limited, Reading, England. Vapor-pump.	873,528	Dec. 10	2508	529	131	1602
Flewelling, James F., Kenton, Manitoba, Canada. Twyer.	860,287	July 16	3022	827	129	1063
Flick, Edward E. (See Buergermeister and Flick.)						
Flichtner, Stanwood E., Englewood, N. J., assignor to Cooper Hewitt Electric Company. Adjustable support for vapor-lamps.	847,566	Mar. 19	3692	813	127	992
Flichtner, Stanwood E., Englewood, N. J., assignor to Cooper Hewitt Electric Company. Blue-printing and similar apparatus.	847,567	Mar. 19	3693	814	127	993
Flick, Claude W., et al. (See Broome, Henry, assignor.)						
Flicker, Louis, Los Angeles, Cal. Device for setting, shaping, and renovating hats.	856,458	June 11	2019	416	128	2240
Flickinger, William W., Bradford, Pa. Power apparatus.	863,839	Aug. 20	2723	750	129	2998
Fliedel, Josef, Mallnitz, Germany. Spring-wheel.	849,223	Apr. 2	1224	249	127	1901
Flehmman, Edw. U. (See Alt, Edward W., assignor.)						
Flinchbaugh, Frederick T., York, Pa. Hoisting-engine.	847,754	Mar. 19	4095	894-5	127	1090
Flinchbaugh, Frederick T., York, Pa. Reverse-gear for four-cycle combustion-engines.	874,177	Dec. 17	3840	809-10	131	1848
Flindall, John, Chicago, Ill. Reclining-lounge.	871,263	Nov. 19	2325	607	131	753
Flindall, John, Chicago, Ill. Chair.	871,683	Nov. 19	3202	792	131	891
Flindall, John, Chicago, Ill. Chair.	871,755	Nov. 19	3337	821-2	131	914
Flindt, Charles L., San Jose, Cal. Piano-violin.	860,288	July 16	3022	627-8	129	1064
Fling, Robert G., St. Paul, assignor of one-half to G. L. Mohrbacher, Cologne, Minn. Smoking-pipe.	856,045	June 4	1146	242	128	1983
Flinker, Leon A., and J. Schade, Jr., New York, N. Y.; said Schade assignor to said Flinker. Cutlery-sharpening machine.	870,279	Nov. 5	631	169	131	206
Flinn, Edward L., Forestville, assignor of one-half to A. O. Herzog, Madisonville, Ohio. Tie-plate.	843,595	Feb. 12	1522	323	126	2206
Flinn, Michael A., Portland, Oreg. Measuring and forming device.	851,284	Apr. 23	5165	1085	127	3014
Flint, Charles E., assignor of one-third to D. Barclay, Hobart, Tasmania, Australia. Tape-measure.	869,169	Oct. 22	3070	847	130	2326
Flint, Frederick W., Chicago, Ill. Attachment for pool-tables.	850,360	Apr. 16	3353	699	127	2519
Flint, Henry, St. Louis, Mo. Bow-facing car.	874,317	Dec. 17	4140	871	131	1896
Flint, Nelson O., Walton, N. Y. Plow.	844,112	Feb. 12	2480	532	126	2446
Flint & Walling Manufacturing Company. (See Macomber, Herbert H., assignor.)						
Flint & Walling Manufacturing Company. (See Walling, George E., assignor.)						
Flintkote Manufacturing Company. (See Bird, Reginald W., assignor.)						
Flintkote Manufacturing Company. (See Overbury, Frederick C., assignor.)						
Floh, George A., Bellevue, Ky., and A. Miller, Jr., Cincinnati, Ohio. Book cover or protector.	846,195	Mar. 5	964	204	127	245
Flood, William H., Ilion, N. Y. Attachment for drawers.	874,581	Dec. 24	4671	982	131	2014
Floquet, Gaston, Paris, France. Elastic wheel.	852,600	May 7	460	85	128	122
Flora, Ellsworth E., Chicago, Ill., assignor to W. O. Williams, South Bend, Ind. Concrete-mixer.	849,732	Apr. 9	2180	449	127	2177
Flora, Ellsworth E., assignor to Zorge Safety Railway Equipment Company, Chicago, Ill. Alarm-signal.	853,579	May 14	2429	506	128	656
Flora, Ellsworth E., assignor to Zorge Safety Railway Equipment Company, Chicago, Ill. Signal mechanism.	863,569	Aug. 13	2301	629-30	129	2830
Flora, Ellsworth E., Chicago, Ill., assignor to Zorge Safety Railway Equipment Company. Circuit-controlling means.	858,591	July 2	397	103	129	141
Flora, Ellsworth E., and R. J. Zorge, assignors to Zorge Safety Railway Equipment Company, Chicago, Ill. Alarm and signal mechanism.	860,206	July 16	2904	793-4	129	1023
Flora, John H., Tunnel Hill, Ill. Pneumatic toy.	847,755	Mar. 19	4098	895	127	1091
Flora, John H., Tunnel Hill, Ill. Combination-tool.	867,118	Sept. 24	3627	1030	130	1229
Florence Manufacturing Company. (See Schwartz, Herman M., assignor.)						
Floreys, Spencer. (See Dorris, Joseph F., assignor.)						
Florsheim & Son, S. (See Gardner, Marshall B., assignor.)						
Flory, Charles I., Kahoka, Mo. Camera.	845,864	Mar. 5	259	53-4	127	66
Flory, Charles I., Palmyra, Mo. Tripod and attaching device.	873,121	Dec. 10	1708	357	131	1467
Flory, Daniel E., Tacoma, Wash. Car-stake.	858,803	July 2	778	203	129	272
Flory, Edward C., Santa Barbara, Cal. Telephone cable-terminal.	860,861	July 23	3913	1072	129	1387
Flory, Samuel. (See McCormick and Flory.)						
Flory, Thomas W., London, England. Speed-indicator.	850,745	Apr. 16	4096	857	127	2705
Floto, Matthew W., Chicago, Ill. Wire-cloth fabric.	842,310	Jan. 29	5080	1082	126	1440
Flowers, Albert, Camden, Ohio. Dumping-wagon.	861,023	July 23	4192	1148	129	1477
Flowers, Henry F. (See Flowers, John D., and H. F.)						
Flowers, John C., St. Joseph, Mo. Gearing.	864,126	Aug. 20	3147	871	129	3126
Flowers, John D., and H. F., Adairville, Ky. Tobacco-plant-bed burner.	841,317	Jan. 15	3077	666	126	870
Flowers, Malon I., Lincoln, Ark. Electric time-switch.	844,345	Feb. 19	2983	638-9	126	2612
Flowers, William A., Aberdeen, Wash. Rotary valve for steam-engines.	862,627	Aug. 6	885	237	129	2359
Flowers, William A., Aberdeen, Wash. Reversing-valve for steam-engines.	862,726	Aug. 6	1035	277	129	2401
Floyd, Edward J., Kirkland, Ga. Harness-buckle.	852,601	May 7	462	85	128	123
Floyd, George G., Granite, Ill., assignor to American Steel Foundries, New York, N. Y. Truck side frame and journal-box.	874,949	Dec. 31	5432	1135-6	131	2160
Floyd, Green R., Irma, Ala. Toy.	870,424	Nov. 5	882	237	131	291

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Floyd, Henry C., Beulahville, Va. Shaft-hanger.....	870,945	Nov. 12	1725	472-3	131	589
Floyd, John J., Boston, Mass. Electrotype-locking apparatus.....	865,581	Sept. 10	1292	366	130	422
Fluegelman, Isidor, Philadelphia, Pa. Electromagnetic register.....	858,377	July 2	22	8	129	8
Fluegelman, Isidor, Philadelphia, Pa. Ticket-receiving box.....	858,378	July 2	23	8-9	129	9
Flüge, Adolf, Hanover, Germany. Making ferrous carbonate.....	842,452	Jan. 29	5419		126	1535
Flugum, Mons N., Thompson, Ohio. Corn-ear rack.....	874,318	Dec. 17	4141	871-2	131	1896
Flyberg, Richard E., Halstad, Minn. Firearm.....	849,536	Apr. 9	1842	373-4	127	2094
Flynn, James F., Pardus, Pa. Brake for mine-locomotives.....	869,077	Oct. 22	2942	810	130	2286
Flynn, John, Narbeth, Pa. Skylight.....	850,361	Apr. 16	3354	700	127	2519
Flynn, John E., Medix Run, Pa. Car-stake.....	841,500	Jan. 15	3442	741	126	967
Flynn, John K., Duluth, Minn. Grapple.....	848,231	Mar. 26	5032	1099	127	1358
Flynn, John T., San Francisco, Cal. Chimney.....	865,372	Sept. 10	951	273	130	317
Flynn, John W., Bordentown, assignor of one-half to T. J. Marion, Trenton, N. J. Snow-plow.....	866,780	Sept. 24	3116	877	130	1073
Flynn, Patrick J., Boston, Mass. Liquid-dispensing apparatus.....	854,412	May 21	4116	853	128	1124
Flynn, Thomas E., Tiffin, Ohio. Waste-pipe connection for water-closets.....	864,239	Aug. 27	3327	921	129	3212
Flynn, Thomas H. (See Hellstrom and Exler, assignors.)						
Flynn, Walter P. (See Evans and Flynn.)						
Flynt, Louis W. G., assignor to Q. W. Booth and I. E. Booth, Rochester, N. Y. Burnish- ing-machine for imitation-stitch impressions or indentations.....	845,939	Mar. 5	440	90-1	127	113
Fobes, Dwight H. (See Howard, Jesse C., assignor.)						
Fodor, Anton, and A. Büky, Budapest, Austria-Hungary. Coin-freed apparatus for registering letters and the like.....	845,865	Mar. 5	267	54-5	127	68
Foerster, Edward R., Chicago, Ill. Window-ventilator.....	847,929	Mar. 19	4472	981	127	1181
Foerster, Julius T., assignor to C. N. Michels, Chicago, Ill. Combination door knob and bell.....	845,866	Mar. 5	274	55	127	70
Foerster, Leona S., Chicago, Ill. Combination garment.....	844,508	Feb. 19	3318	714	126	2694
Foery, Lorenz, Rochester, N. Y. Sash-lock.....	875,338	Dec. 31	6195	1291	131	2283
Fogal, John E. W., assignor to Quincy Elevator Gate Co., Quincy, Ill. Elevator-gate-op- erating mechanism.....	865,335	Sept. 3	883	254	130	267
Fogarty, Charles A., Brooklyn, N. Y. Sink-brush.....	843,596	Feb. 12	1523	323	126	2206
Fogel, Clifford A. (See Sons, Fogel, and McCoy.)						
Fogel, R. R., et al. (See Ochso, Victor L., assignor.)						
Fogel, Taylor T., assignor of two-thirds to A. J. Mason, Reading, Pa. Controlling mech- anism for electric circuits.....	870,946	Nov. 12	1727	473	131	590
Fogelberg, Wilhelm A., Chicago, Ill. Speed-indicator.....	863,166	Aug. 13	1718	462	129	2650
Fogle, William C., Williamsburg, Kans., assignor to A. E. Putnam, Milan, Mich. Meas- uring device.....	854,476	May 21	4234	876	128	1153
Fohn, Charles. (See Laczy, Fohn, and Ekker.)						
Fohr, Carl. (See Buss, Jakob, assignor.)						
Foit, Charles H., Ironton, Ohio. Making yeast.....	863,976	Aug. 20	2923		129	3058
Foley, Arthur R., Trenton, N. J. Combined pump valve and cap.....	854,729	May 28	4737	985	128	1308
Foley, James F., Chicago, Ill. Machine for bundling or compressing broom-corn.....	869,358	Oct. 29	3385	931	130	2451
Foley, James S. (See Birch and Foley.)						
Foley, John E., Pontiac, Mich. Vehicle-wheel.....	850,636	Apr. 16	3907	814	127	2660
Foley, Patrick F., New York, N. Y. Variable-speed-transmission gear.....	858,336	June 25	5647	1209	128	3225
Foley, Patrick J., Jersey City, N. J. Heating attachment for gas-burners.....	845,297	Feb. 26	5142	1091	126	3187
Folger, Josef W., Phillips, Wis. Stump-puller.....	850,362	Apr. 16	3356	701	127	2519
Folkel, Robert. (See Kenner and Folkel.)						
Foll, William H. (See Michaelis and Foll.)						
Follansbee Brothers Company. (See Gill, Thomas, assignor.)						
Follansbee, John, Allegheny, Pa., assignor to Sheet Metal Specialty Company, Follansbee, W. Va. Knockdown crate.....	869,699	Oct. 29	3936	1085	130	2618
Follett, Charles M., Montgomery, Mich. Stone and grit separator for clover-hullers.....	855,625	June 4	349	71	128	1783
Follett, Charles S., et al. (See Thompson, Guy M., assignor.)						
Follows, George H., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Oil-distributing ring.....	856,459	June 11	2020	416	128	2241
Folmer & Schwing Company. (See Folmer, William F., assignor.)						
Folmer, William F., New York, N. Y., assignor, by mesne assignments, to Folmer & Schwing Company. Camera.....	843,140	Feb. 5	613	130	126	1951
Folsom, John T., Binghamton, assignor to Dutchess Tool Company, Fishkill-on-the- Hudson, N. Y. Biscuit-making machine.....	862,121	July 30	5906	1635	129	2048
Folsom, Thomas C., Tampa, Fla. Rail-bond.....	859,056	July 2	1153	308	129	391
Foltz, Albert Y., Salem, Ohio. Belt stretcher and tightener.....	848,300	Mar. 26	5193	1133	127	1398
Foltz, Charles S., et al. (See Kray, John A., assignor.)						
Folwell, Russell H., and W. R. Sinks, Chicago, Ill. Apparatus for raising concrete forms.....	855,452	June 4	24	5	128	1701
Fontaine, John B., Marlboro, assignor to G. D. Barber, trustee, Worcester, Mass. Poi- shing-wheel.....	851,984	Apr. 30	6592	1374	127	3404
Fontaine, Paul, Troyes, France. Dyeing apparatus.....	846,462	Mar. 12	1500	332-4	127	409
Fontaine, Herman A., assignor of one-half to D. W. Kellogg, Auburn, N. Y. Horse-col- lar.....	847,248	Mar. 12	3048	672	127	799
Fontneau, Frank, Attleboro, Mass. Comb.....	842,643	Jan. 29	5818	1228	126	1632
Fontville, John A., Gibson Station, Ind. Ter. Hook.....	864,416	Aug. 27	3583	996	129	3291
Foos Manufacturing Company. (See Adelsperger, Dow L., assignor.)						
Foos Manufacturing Company. (See Mayne, George H., assignor.)						
Fooshe, John C., Ninety Six, S. C. Harrow attachment for plows.....	869,834	Oct. 29	4134	1142	130	2676
Foot, Abram L., Fayette, Iowa. Disk land-cultivator, harrow, road-machine, and farm- wagon.....	847,404	Mar. 19	3372	738-9	127	909
Foot, Floyd C. (See Stollar, Ross H., assignor.)						
Foot, Frank, Mystic, and N. M. Johnston, Hartford; said Johnston assignor of one- half to E. L. Belknap, Hartford, Conn. Vending-machine.....	846,917	Mar. 12	2415	531	127	643
Foot, George L., assignor to Foot, Pierson & Company, New York, N. Y. Lightning- arrester.....	857,045	June 18	3124	659	128	2556
Foot, George W. (See Hansen and Foot.)						
Foot, James H., Cincinnati, Ohio. Weather-strip.....	859,491	July 9	1811	486	129	640
Foot, Lewis A., assignor to Chicago Car Seal & Manufacturing Company, Chicago, Ill. Seal.....	840,125	Jan. 1	690	147	126	188
Foot, Pierson & Company. (See Foot, George L., assignor.)						
Foot, Robert E., Harvey, Ill. Sled.....	869,170	Oct. 22	3071	848	130	2326
Foot, Theodore M., Allston, Mass. Circuit-closer.....	870,353	Nov. 5	761	203	131	250
For-Man Belt Company of Pittsburgh, Pa. (See Boyden, Benjamin F., assignor.)						
Foraker, William L., and H. Walker, Byesville, Ohio. Nut-lock.....	866,451	Sept. 17	2615	730	130	882
Forbes, Charles T., Fresno, Cal. Gun-cleaner.....	842,776	Jan. 29	6123	1292	126	1705
Forbes, Edward P. (See Taylor, Florence E., assignor.)						
Forbes, Frank T., and C. P. Hogan, assignors of one-third to D. E. Argenbright, Roanoke, Va. Automatic torpedo signal apparatus.....	860,599	July 16	3502	963	129	1222

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Forbes, George R., and G. W. Fraker, Spray, N. C., assignors to Crompton & Knowles Loom Works. Multiplier mechanism for box-loom.	855,102	May 28	5526	1147	128	1509
Forbes, Horace B., Ogden, Utah. Step-ladder.	849,224	Apr. 2	1225	249	127	1901
Forbes, James L., Pine Apple, Ala. Cuff-holder.	842,192	Jan. 29	4841	1033	126	1380
Forbes, James L., Lagrange, Ga. Churn.	865,030	Sept. 3	422	112	130	129
Forbes, William I. (See Baumgartner, Joseph P., assignor.)						
Forbis, Harbert K., Columbus, Ohio. Power-press.	840,761	Jan. 8	1951	429	126	541
Forbush, Walter R., Newton, Mass. Damper-regulator.	871,118	Nov. 19	2005	546	131	704
Ford, Albert J., assignor to Fuchs & Lang Manufacturing Co., New York, N. Y. Feed device for sheet-metal-printing machines.	844,113	Feb. 12	2481	532-3	126	2446
Ford, Albert J., assignor to Fuchs & Lang Manufacturing Company, New York, N. Y. Coating-machine.	845,734	Feb. 26	5987	1265	126	3395
Ford, Albert J., assignor to Fuchs & Lang Manufacturing Co., New York, N. Y. Machine for removing bronze-dust.	873,529	Dec. 10	2510	530	131	1602
Ford, Amanuel O., Indian Springs, Tenn. Street-sweeper.	866,452	Sept. 17	2616	730-1	130	882
Ford, Bruce, Philadelphia, Pa. Flexible electric connection for storage batteries.	851,817	May 28	4921	1022	128	1355
Ford, Charles. (See Burdick, Gordon G., assignor.)						
Ford, Charles B., and J. N. Wood, Richmond, Va. Vending-machine.	873,936	Dec. 17	3314	707-8	131	1770
Ford, Charles J. (See Sibley, Stephen J., assignor.)						
Ford, Edward T., and F. F. Wassam, Dunkirk, Ind. Combined cross-tie and rail-fastening.	854,477	May 21	4237	876-7	128	1154
Ford, Edwin H., Hartford City, Ind. Meter-box.	845,226	Feb. 26	4982	1059-60	126	3147
Ford, Ethelbert T., and W. F. Bauer, assignors to St. Louis Car Lighting Company, St. Louis, Mo. Device for controlling the output of a generator.	853,301	May 14	1904	396	128	520
Ford, Grant G., Speed, Kans. Sleigh attachment for buggy-wheels.	849,990	Apr. 9	2650	554-5	127	2297
Ford, Harry D., Cartersville, Ga. Railway-spike.	860,085	July 16	2735	746	129	969
Ford, Henry, Detroit, Mich. Steering mechanism.	847,405	Mar. 19	3375	739	127	909
Ford, Henry, assignor to Henry Ford Company, Detroit, Mich. Speed controller and regulator for explosive-engines.	848,891	Apr. 2	596	118-19	127	1741
Ford, James J., F. and M. Hollister, Jr., Fort Dodge, Iowa. Draft-equalizer.	851,061	Nov. 12	1892	518	131	642
Ford, James S., Oak Park, Ill. Checker-board.	872,923	Dec. 3	1259	269	131	1365
Ford, M. (See Brooks, Joseph R., assignor.)						
Ford, Patrick, Chicago, Ill. Tunneling through rocks.	840,307	Jan. 1	1039	227-8	126	278
Ford, Patrick, Chicago, Ill. Excavating rock tunnels.	868,259	Oct. 15	1627	459-60	130	1854
Ford, R. M. (See Thomas, Frank S., assignor.)						
Ford, Ralph L. (See Bering and Ford.)						
Ford, Tullius E., Philadelphia, Pa. Copy-holder attachment.	854,478	May 21	4238	877	128	1154
Ford, William S. (See Mitchell and Ford.)						
Forde, Ole O. (See Hagen, Nels O., assignor.)						
Forder, Milton, Thief River Falls, Minn. Wrench.	846,740	Mar. 12	2053	451	127	552
Fordyce, John R., Little Rock, Ark. Ginning cotton.	841,385	Jan. 15	3213	693	126	906
Fordyce, John R., Little Rock, Ark. Cotton-cleaning feeder.	862,893	Aug. 13	1297	351-2	129	2515
Fordyce, John R., Little Rock, Ark. Trolley for carrying bales of cotton.	862,894	Aug. 13	1299	352-3	129	2516
Fordyce, John R., Little Rock, Ark. Trolley for carrying bales of cotton.	862,895	Aug. 13	1300	353	129	2516
Fordyce, John R., Little Rock, Ark. Trolley for carrying bales of cotton.	862,896	Aug. 13	1301	353	129	2517
Fordyce, Edgar W., Anniston, Ala. Track-gage.	874,373	Dec. 17	4242	893	131	1914
Fordyce, Edmond A., Boston, Mass. Pneumatic-despatch-tube apparatus.	873,740	Dec. 17	2936	622-3	131	1706
Fordyce, Edmond A., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Carrier for pneumatic-tube apparatus.	873,530	Dec. 10	2512	530	131	1602
Fordyce, Edmond A., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Pneumatic-despatch apparatus.	873,531	Dec. 10	2513	531	131	1603
Foregger, Richard von, assignor to Roessler & Hasslacher Chemical Company, New York, N. Y. Apparatus for generating oxygen.	867,964	Oct. 15	1189	328	130	1718
Foregger, Richard von, New York, N. Y., and G. F. Brindley, Niagara Falls, Ontario, Canada, assignors to Roessler & Hasslacher Chemical Company, New York, N. Y. Regenerating and purifying air.	853,402	May 14	2086	433-4	128	567
Foreman, David II., assignor to Herr Dump Car Company, Denver, Colo. Dump-car door mechanism.	854,639	May 21	4526	945-6	128	1225
Foreman, Ernest J., Trinidad, assignor of one-half to F. H. Hee, Trinchera, Colo. Nut-lock.	855,396	May 28	6048	1263	128	1641
Foreman, Ira, and J. L. Thornton, Los Angeles, Cal. Manufacturing artificial fuel.	864,525	Aug. 27	3780	1050	129	3356
Forest, Elzeard E., Stoneham, Mass. Savings-bank.	849,499	Apr. 9	1691	341	127	2056
Forester, Gustav G., Bagley, Iowa. Pump-drain.	868,541	Oct. 15	2085	583	130	1992
Forg, Peter, Somerville, Mass. Valve-handle.	851,591	Apr. 23	5773	1207	127	3165
Forgard, Peter C., Lake Preston, S. D. Steam-boiler.	860,538	July 16	3399	934	129	1188
Forged Steel Wheel Company. (See Hansen, John M., assignor.)						
Forget, Francis J., Goshen, Ind. Swing.	846,656	Mar. 12	1903	418	127	515
Forgie, James, et al. (See Vandevort, Frank F., assignor.)						
Forgrove Machinery Company. (See Grover, Frederick, assignor.)						
Forgues, Laurence Z., Woonsocket, R. I., assignor of one-half to A. Mignault, Salem, Mass. Folding umbrella.	844,584	Feb. 19	3721	783	126	2786
Forkarth, Josef F., Innsbruck, Austria-Hungary, assignor to F. Schrey, Berlin, Germany. Type-writing machine.	868,335	Oct. 15	1758	497	130	1891
Forman, Elie, Boston, Mass. Cap.	873,122	Dec. 10	1712	357	131	1468
Forman, Frank, Wahpeton, N. D. Shock and hay loader.	874,950	Dec. 31	5436	1136	131	2160
Forman, Paris R., assignor to Burdett-Kowntree Manufacturing Company, Chicago, Ill. Door-operating apparatus.	857,232	June 18	3479	734-5	128	2647
Formander, Alfred, New York, N. Y., assignor of one-half to W. J. Vogt, Brooklyn, N. Y. Hat-guard.	867,814	Oct. 8	903	256	130	1609
Forney, George W., Osborne, Kans. Ironing-board.	860,022	July 16	2643	717	129	939
Fornwalt, Franklin E., Harrisburg, Pa. Fountain-brush.	842,644	Jan. 29	5819	1229	126	1632
Forrest, Charles N. (See Richardson and Forrest.)						
Forrest, George L., Chicago, Ill. Meat-chopper.	865,095	Sept. 3	515	142	130	156
Forrest, James, Spokane, Wash. Motor-vehicle.	864,364	Aug. 27	3511	975	129	3268
Forrest, James W. (See Dawes and Forrest.)						
Forrest, John II., assignor of one-half to M. D. Forrest, Marion, Ind. Vehicle-wheel.	860,363	July 16	3140	860	129	1103
Forrest, Margret E., Jamestown, Pa. Mop-holder.	849,991	Apr. 9	2651	555	127	2297
Forrest, Mattie D. (See Forrest, John H., assignor.)						
Forrester, Eli T., Washington, D. C. Railway-tie.	853,629	May 14	2545	528	128	686
Forrester, Eli T., Washington, D. C. Railway-tie.	875,057	Dec. 31	5646	1177	131	2195
Forrester, Jesse B. (See Sadtler, Morgan D., assignor.)						
Forrester, Jesse B., et al. (See Sadtler, Morgan D., assignor.)						
Forrester, Peter C., Tacoma, Wash. Lime-hydrating machine.	848,358	Mar. 26	5308	1157	127	1425
Forrester, Peter C., Tacoma, Wash. Liquid-measuring apparatus.	871,580	Nov. 19	3018	752	131	860
Forsberg, Daniel, New York, N. Y. Pipe-cutter.	860,130	July 16	2792	762	129	987
Forsberg, Erik A., assignor to Aktiebolaget Separator, Stockholm, Sweden. Centrifugal machine.	850,472	Apr. 16	3568	746	127	2573

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Forsberg, Erik A., assignor to Aktiebolaget Separator, Stockholm, Sweden. Centrifugal cream-separator	857,273	June 18	3559	753	128	2668
Forsberg, Erik A., assignor to Aktiebolaget Separator, Stockholm, Sweden. Centrifugal liquid-separator	872,173	Nov. 26	4268	1019	131	1084
Forsberg, Oscar C., Springfield, Ohio. Support for paper-rolls	859,492	July 9	1811	486	129	640
Forsberg, Oscar F., assignor to Western Electric Company, Chicago, Ill. Lock-out switch for party telephone-lines	873,362	Dec. 10	2190	457	131	1546
Forsberg, Oscar F., and J. A. Birsfield, assignors to Western Electric Company, Chicago, Ill. Signaling-key	855,168	May 28	5650	1175-6	128	1541
Forsell, Axel E., assignor of one-third to O. L. Bard, Duluth, Minn. Nut-lock	868,336	Oct. 15	1759	497	130	1892
Forsgren, Ernst L., New York, N. Y. Seat-corner	844,586	Feb. 19	3724	783	126	2787
Forsgren, Ernst L., New York, assignor to J. P. Sjoberg, Elmhurst, N. Y. Car-vestibule	844,585	Feb. 19	3723	783	126	2786
Forshey, Clifford H., Peerless, Ohio. Harrow	851,126	Apr. 23	4810	1013	127	2924
Forst, Henry J., Louisville, Ky. Grain-door for box-cars	862,628	Aug. 6	887	237	129	2359
Forster, Andrew. (See Carnt and Forster.)						
Forster, George R., Fithian, Ill. Trolley	866,781	Sept. 24	3117	877-8	130	1073
Forster, John, Los Angeles, Cal. Ornamental fence	854,479	May 21	4240	877	128	1155
Forster, Percy M. (See Forster, William J. and P. M.)						
Forster, Samuel S., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine	849,670	Apr. 9	2081	427-8	127	2153
Forster, Thomas V., Hackensack, N. J. Hose-rack	867,265	Oct. 1	51	16	130	1331
Forster, William J. and P. M., Berkeley, Cal. Plumbing joint and fitting	858,865	July 2	876	228	129	301
Forsyth Brothers Company. (See Forsyth, George H., assignor.)						
Forsyth Brothers Company. (See Gallagher, Frederick S., assignor.)						
Forsyth, Charles E., assignor of one-half to G. Ketterer, Akron, Ohio. Rotary engine	867,119	Sept. 24	3628	1030	130	1229
Forsyth, George H., Chicago, Ill. Draw-bar mechanism	862,727	Aug. 6	1036	278-9	129	2402
Forsyth, George H., Chicago, Ill. Curtain-fixture	863,525	Aug. 13	2243	607-8	129	2814
Forsyth, George H., assignor to Forsyth Brothers Company, Chicago, Ill. Dust-collector	873,532	Dec. 10	2516	531	131	1603
Forsyth, Joseph E., Chicago, Ill. Train-pipe coupling	846,840	Mar. 12	2268	497	127	608
Forsyth, Joseph E., Chicago, Ill. Train-pipe coupling	846,841	Mar. 12	2270	497-8	127	608
Forsyth, Luther, Hagerstown, Md. Drawing kit	858,274	June 25	5539	1184	128	3198
Forsyth, William, Chicago, Ill., assignor, by mesne assignments, to Trans-Continental Car Company, Phoenix, Ariz. Ter. Railway-car	859,493	July 9	1813	487	129	640
Forsyth, William D., Pittsburg, Pa., assignor to Trussed Concrete Steel Company, Detroit, Mich. Reinforcing member for concrete construction	855,240	May 28	5782	1205	128	1575
Forsyth, William D., Pittsburg, Pa., assignor to Trussed Concrete Steel Company, Detroit, Mich. Expanded metal	862,897	Aug. 13	1301	354	129	2517
Forsyth, William D., Pittsburg, Pa., assignor to Trussed Concrete Steel Company, Detroit, Mich. Fastening device	862,898	Aug. 13	1303	354	129	2517
Forsythe, Jesse H., Washington, Pa. Indicating mechanism	848,232	Mar. 26	5032	1100	127	1358
Fort, Charles H., Stafford, Kans. Measuring device	848,818	Apr. 2	445	87	127	1699
Fort Collins Implement Manufacturing Company. (See Smith, Edward A., assignor.)						
Fort, Henry K. (See Prael, Charles M., assignor.)						
Forter Miller Engineering Co. (See Waldburger, John A., assignor.)						
Forter Miller Engineering Company. (See Miller, William R., assignor.)						
Fortescue, Charles L., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Reactance-coil	851,658	Apr. 30	5921	1238	127	3231
Forth, Charles, Boston, assignor to W. S. Davis, Malden, Mass. Vending-machine	848,589	Mar. 26	5747	1256	127	1536
Forth, John F., and E. J. Langley, Syracuse, N. Y.; said Langley assignor to said Forth. Optical testing apparatus	874,179	Dec. 17	3845	810	131	1849
Fortier, Alfred. (See Brocherioux, Tochon, Fortier, and Marotte.)						
Fortier, George W., et al. (See Murray, John C., assignor.)						
Fortiner, Benjamin F., Camden, N. J., assignor to Hale and Kilburn Manufacturing Company, Philadelphia, Pa. Support for seat-backs	849,604	Apr. 9	1965	402	127	2123
Fortner, Louis B., Philadelphia, Pa. Fixing or setting the colors of dyed fibers and fabrics	852,943	May 7	1173	-----	128	298
Fortune, John R., assignor to Murphy Iron Works, Detroit, Mich. Furnace	849,114	Apr. 2	1012	205	127	1846
Fosgate, Daniel O., Chicago, Ill. Vaginal syringe	852,110	Apr. 30	6872	1436	127	3474
Fosket, Daniel A., et al. (See Lyon, Henry C., assignor.)						
Fosnot, Louis P., assignor to W. F. Remppis, Reading, Pa. Grip-controlling mechanism for motor-cycles	862,815	Aug. 6	1179	317	129	2444
Foss, Benjamin F., Fairfield, Me. Ratchet screw-driver	873,363	Dec. 10	2194	458	131	1547
Foss, Christian C. (See Chapman and Foss.)						
Foss, Walter D., Wooster, Ohio. Brush	871,494	Nov. 19	2843	715	131	831
Fosston Manufacturing Company. (See Loe, Syver, assignor.)						
Foster, Albert, Philadelphia, Pa. Scholar's companion	844,114	Feb. 12	2482	533	126	2446
Foster, Bertram G., Washington, D. C., assignor to Delphos Manufacturing Company. Non-overflow pump	844,445	Feb. 19	3176	685-6	126	2659
Foster, Bertram G., Washington, D. C., assignor to Long Furniture Co., Hanover, Pa. Extension-table	848,233	Mar. 26	5034	1100-1	127	1359
Foster, Charles A., Oaktown, Ind. Scaffolding-support	872,335	Dec. 3	33	7	131	1174
Foster, Charles H., St. Louis, Mo. Gate-latch	852,550	May 7	342	61	128	93
Foster, Charles H., St. Louis, Mo. Sash-pulley	852,551	May 7	343	61	128	94
Foster, Charles H., St. Louis, Mo. Boiler-support	855,453	June 4	26	6	128	1701
Foster, Charles H., St. Louis, Mo. Gate-latch	858,866	July 2	877	228	129	301
Foster, Charles H., St. Louis, Mo. Toy and other device	871,264	Nov. 19	2327	607	131	754
Foster, Charles H., West Duluth, Minn. Pipe-wrench	874,839	Dec. 24	5158	1087	131	2099
Foster, Charles H., New York, N. Y., assignor to Union Special Sewing Machine Co., Chicago, Ill. Apparatus for delivering filled bags to sewing-machines	875,339	Dec. 31	6197	1292	131	2284
Foster, Charles H., New York, N. Y., assignor to Union Special Sewing Machine Company, Chicago, Ill. Thread-cutting device for sewing-machines	875,512	Dec. 31	6528	1361	131	2339
Foster, Charles H., New York, N. Y., assignor to Union Special Sewing Machine Company, Chicago, Ill. Machine for sewing filled bags	875,513	Dec. 31	6529	1362	131	2340
Foster, Clair, Douglaston, N. Y., assignor to J. Hunt, Chicago, Ill. Multiple elevator system	849,840	Apr. 9	2398	490	127	2235
Foster, Claud H., Cleveland, Ohio. Valve	869,171	Oct. 22	3073	848	130	2327
Foster, Claud H., Cleveland, Ohio. Means for heating automobiles and the like	869,172	Oct. 22	3076	848	130	2328
Foster, Claud H., Cleveland, Ohio. Shock-absorbing device for vehicles	872,808	Dec. 3	1020	215	131	1329
Foster, Edgar J., assignor of two-thirds to H. S. Woolner, Los Angeles, Cal. Oil-burning apparatus	852,382	Apr. 30	7380	1549	127	3600
Foster, Edwin W., Central Park, Long Island, N. Y. Plane	842,453	Jan. 29	5420	1149-50	126	1536
Foster, Eugene C. (See Foster, Whildin and E. C.)						
Foster, Frank M., Cincinnati, Ohio. Switch-stand	855,763	June 4	619	127	128	1854
Foster, George, East Auburn, Cal. Ironing-table	865,637	Sept. 10	1378	391	130	450
Foster, George D., assignor to American Electric Telephone Company, Chicago, Ill. Telephone hook-switch	839,830	Jan. 1	49	11-12	126	14
Foster, George E., Providence, R. I. Step-ladder	861,583	July 30	5072	1392	129	1795

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Foster, George E., East Alton, Ill. Pipe-turning machine.	865,096	Sept. 3	517	142-3	130	157
Foster, Henry G., Horseheads, N. Y., assignor, by mesne assignments, to H. N. Low, trustee, Washington, D. C. Extension window-screen.	875,573	Dec. 31	6636	1388	131	2359
Foster, Isaac M., West Covington, Ky. Clutch for counter-shafts.	852,057	Apr. 30	6774	1410	127	3451
Foster, James F., Buffalo, N. Y. Stovepipe-elbow.	853,580	May 14	2431	507	128	657
Foster, James H., assignor to Parish & Bingham Company, Cleveland, Ohio. Vehicle-frame.	846,787	Mar. 12	2147	472	127	576
Foster, John C., assignor of one-third to S. S. Piper, Cleveland, Ohio. Automatic ventilating-lock.	850,147	Apr. 16	2947	617	127	2409
Foster, Joseph, New York, N. Y. Water-heater.	866,122	Sept. 17	2140	595	130	729
Foster, Merriam and Company. (See Palmer, Harry A., assignor.)						
Foster Miller Engineering Co. (See Miller, William R., assignor.)						
Foster, Nathaniel L., trustee. (See Ellis, Carleton, assignor.)						
Foster, Ralph L. (See Holt and Foster.)						
Foster, Robert. (See Long and Foster.)						
Foster, Robert H., Union Course, Long Island, N. Y. Music-turner.	852,944	May 7	1174	242	128	298
Foster, Robert J., and H. Lauzon, Montreal, Quebec, Canada, assignors to Mergenthaler Linotype Company. Linotype-machine.	845,227	Feb. 26	4984	1060	126	3147
Foster, Spottswood C., Fredericksburg, Va. Governor.	841,318	Jan. 15	3079	666	126	870
Foster, Walter. (See Blixt, Terry, assignor.)						
Foster, Walter E., Chicago, Ill. Rail-bond.	848,983	Apr. 2	743	150	127	1777
Foster, Walter E., Chicago, Ill., assignor to Union Switch and Signal Company, Swissvale, Pa. Detector-bar.	863,912	Aug. 20	2831	779	129	3032
Foster, Walter E., Chicago, Ill., assignor to Union Switch & Signal Company, Swissvale, Pa. Block-signaling apparatus.	863,913	Aug. 20	2832	779	129	3033
Foster, Walter H. (See Rennerfelt, Gustaf T., assignor.)						
Foster, Walter J., Port Huron, Mich. Buggy-body extension and rear-seat attachment.	865,690	Sept. 10	1457	412	130	475
Foster, Well & Parkes. (See Parkes, James H., assignor.)						
Foster, Whilldin and E. C., Philadelphia, Pa., assignors to Leede Process Company. Oil-atomizer.	872,649	Dec. 3	690	144-5	131	1277
Foster, William, Higby, Ohio. Sod trimming and marking device.	855,844	June 4	785	165	128	1893
Foster, William, and T. L. Schenck, Butler, Pa. Spirit plumb and level device.	871,684	Nov. 19	3203	792	131	891
Foster, William B., Norwood, assignor of one-half to A. and J. Waldner, Cincinnati, Ohio. Hat-frame machine.	858,168	June 25	5358	1139	128	3152
Foster, William S., Richford, Vt. Strainer-support for water-pipes.	857,519	June 18	4026	857	128	2784
Fouilloux Ballon Passoire Company. (See Latsch, Charles, assignor.)						
Foulke, John T., Richmond, Ind. Convertible hand-plow.	840,836	Jan. 8	2088	462-3	126	575
Foulke, John T., Richmond, Ind. Expansion-plow.	871,219	Nov. 19	2225	588	131	738
Fountain, Everlyn A., San Diego, Cal. Vehicle-wheel.	850,637	Apr. 16	3908	815	127	2660
Fountain, Fred M., Claremore, Ind. Ter. Horse-power.	855,804	July 2	778	203	129	272
Fourcault, Emile, Lodelinsart, Belgium. Rollers for drawing sheets of glass.	844,115	Feb. 12	2484	533	126	2447
Fournet, François P., Nancy, France. Handle for daggers, tools, and the like.	867,120	Sept. 24	3629	1030	130	1230
Fournia, John, assignor of one-half to F. R. Greene, Albany, N. Y. Means for heating feed-water.	842,777	Jan. 29	6124	1292	126	1705
Fournier, Eugène, Paris, France. Disinfecting and deodorizing.	860,456	July 16	3291	129	129	1152
Fournier, S. (See Knowles, Joseph, assignor.)						
Foust, Henry, Baxter Springs, Kans. Ore-concentrating jig.	864,776	Sept. 3	15	5	130	7
Fouts, Edward R., Greenville, Ohio. Motor-vehicle.	841,239	Jan. 15	2918	635	126	830
Fouts, James H., Moline, Kans. Band-wagon.	849,470	Apr. 9	1693	341	127	2056
Fouts, John G., Wichita, Kans. Seesaw.	864,728	Aug. 27	4117	1143	129	4358
Fow, Raymond S. C., Trenton, N. J. Dumping-wagon.	855,241	May 28	5783	1205-6	128	1575
Fowden, Robert A., Germantown, Pa. Rock-drill.	864,838	Sept. 3	117	32-3	130	38
Fowler, Benjamin F., assignor of one-half to L. W. Northfield, Minneapolis, Minn. Traveling rocking-horse.	873,533	Dec. 10	2517	532	131	1603
Fowler, George W., Raleigh, N. C. Nail-holding attachment for hammers.	869,835	Oct. 29	4135	1142	130	2676
Fowler, Harvey T., Schell City, Mo. Nut-lock.	869,173	Oct. 22	3077	849	130	2328
Fowler, Henry A. (See Thurston, Charles H., assignor.)						
Fowler, James B., San Diego, Cal. Non-refillable bottle.	842,395	Jan. 29	5279	1121	126	1496
Fowler, John C., Sewaren, N. J., assignor to Barber Asphalt Paving Company, Philadelphia, Pa. Block-press.	864,839	Sept. 3	121	33-4	130	39
Fowler, Lewis D., assignor of one-half to A. D. Marble, Oklahoma, Okla. Ter. Bananacrate.	866,123	Sept. 17	2142	596	130	730
Fowler, Manley G., Rochester, N. Y. Apparatus for removing hairs.	845,455	Feb. 26	5449	1154	126	3262
Fowler, Peter H. (See Gates, Carroll E., assignor.)						
Fowler, Walter C., Trenton, N. J. Pencil.	866,350	Sept. 17	2484	693	130	839
Fowler, William E., Montreal, Quebec, Canada, assignor to W. H. Miner Company, Chicago, Ill. Running-board saddle for cars.	859,288	July 9	1506	402	129	539
Fowles, Henry F., Republic, Wash. Detachable handle for crockery.	860,741	July 23	3735	1024	129	1329
Fownes Brothers & Co. (See Marsden, William N., assignor.)						
Fownes, William C., Jr., and R. J. Gardner, assignors to Jarvis Adams Company, Pittsburgh, Pa. Pit-car wheel.	843,883	Feb. 12	2058	440-1	126	2342
Fownes, William C., Jr., and R. J. Gardner, assignors to S. Jarvis Adams Company, Pittsburgh, Pa. Self-lubricating wheel.	875,340	Dec. 31	6199	1292	131	2284
Fox, Alvin M. (See Hale and Fox.)						
Fox, Benjamin O., Milwaukee, Wis. Floor-scraper.	853,446	May 14	2163	450	128	588
Fox, Benjamin O., assignor of one-half to M. S. Sheridan, Milwaukee, Wis. Telephone-exchange system.	842,778	Jan. 29	6125	1292	126	1706
Fox-Esmond, Henry T., Sydney, New South Wales, Australia. Teaching or demonstrating apparatus.	864,080	Aug. 20	3086	852	129	3108
Fox, Frank J., St. Louis, Mo. Toilet-soap hanger.	872,721	Dec. 3	855	177	131	1301
Fox, Frank L., Seymour, Ind. Furnace-door for boilers.	843,742	Feb. 12	1791	352	126	2277
Fox, Frederick E., Kinsley, Kans. Hay-loading machine.	852,322	Apr. 30	7246	1521-3	127	3567
Fox, George A., and D. Davidson, Tustin, Mich. Hoisting and conveying apparatus.	864,637	Aug. 27	3971	1102	129	3413
Fox, Henry. (See Alexander and Fox.)						
Fox, Ivan, Media, Pa. Spring-bridge for eyeglasses.	861,825	July 30	5450	1502	129	1907
Fox, John F. (See Nichols, Robert W., assignor.)						
Fox, John H. (See Healy and Fox.)						
Fox, John H., New York, N. Y. Pressure-filter.	865,691	Sept. 10	1458	412	130	475
Fox, John H., New York, N. Y. Carbonating apparatus.	867,356	Oct. 1	201	58	130	1374
Fox, John H., New York, N. Y. Syrup-measure for charging beverage-bottles.	874,757	Dec. 24	5019	1057	131	2072
Fox, Marcus H., Flushing, N. Y. Instrument representing the transfer of money.	865,176	Sept. 3	624	176	130	190
Fox Optical Manufacturing Company. (See Thomson, William and A. G., assignors.)						
Fox, Samuel, Paterson, N. J. Window-shade bracket.	849,892	Apr. 9	2497	515	127	2260
Foy, Thomas, Freehold, N. J. Pump.	869,559	Oct. 29	3720	1019	130	2555
Fox, Tobias, Toronto, Ontario, Canada. Antifriction-bearing.	854,573	May 21	4419	917	128	1199

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Fox Typewriter Co. (See Fox and Barrett, assignors.)						
Fox Typewriter Company. (See Fox and Lund assignors.)						
Fox, William H., Minneapolis, Minn. Door-stop.	866,124	Sept. 17	2143	596	130	730
Fox, William J. (See Hart, Archibald, assignor.)						
Fox, William R., Grand Rapids, Mich. Type-bar and hanger and constructing same	852,428	May 7	37	8	128	13
Fox, William R., Grand Rapids, Mich. Line-lock mechanism for type-writers	853,965	May 21	3256	668	128	904
Fox, William R., Grand Rapids, Mich. Ribbon mechanism for type-writers	854,207	May 21	3744	774	128	1027
Fox, William R., Grand Rapids, Mich. Paper clamp or guide for front-strike type-writing machines.	855,509	June 4	126	26	128	1726
Fox, William R., Grand Rapids, Mich. Auxiliary stop for type-writer carriages	856,629	June 11	2355	485	128	2324
Fox, William R., Grand Rapids, Mich. Type-writing machine.	863,372	Aug. 13	2032	549	129	2751
Fox, William R., Grand Rapids, Mich. Spool and ribbon mechanism for front-strike type-writing machines.	864,777	Sept. 3	16	5	130	7
Fox, William R., Grand Rapids, Mich. Spacer-bar mechanism for type-writing machines.	872,809	Dec. 3	1022	215	131	1329
Fox, William R., and G. J. Barrett, assignors to Fox Typewriter Co. Ltd., Grand Rapids, Mich. Carriage-stop mechanism for type-writing machines	852,427	May 7	32	7	128	11
Fox, William R., and M. Lund, assignors to Fox Typewriter Company, Grand Rapids, Mich. Angle-gage for mitering-machines	865,692	Sept. 10	1459	412	130	475
Foyer Manufacturing Company. (See Dobe, Frederick W., assignor.)						
Foyer Manufacturing Company. (See Kurz, Otto, assignor.)						
Fraasch, Ewald W., Bellingham, Minn. Device for picking up lodged or battered-down grain.	871,331	Nov. 19	2488	642	131	777
Fraizer, Robert F., Cloverdale township, Putnam county, Ind. Overshoe-retainer.	874,951	Dec. 31	5438	1137	131	2161
Fraker, George W. (See Forbes and Fraker.)						
Fraker, John P., Franklin, Ind. Carpenter's clamp.	863,373	Aug. 13	2034	549	129	2752
Fraley, Charles B., assignor to Haggard & Marcusson Company, Chicago, Ill. Bed-bottom fabric.	872,995	Dec. 3	1412	295	131	1390
Fraley, Ernest L. F., Rockville, Md. Funnel.	855,397	May 28	6050	1263-4	128	1641
Fralick, Syles R., assignor of one-half to W. P. Crockett, Chicago, Ill. Cluster-fixture for electric lamps	844,276	Feb. 12	2828	602-3	126	2534
Frame, Robert E., assignor to American Car & Foundry Company, St. Louis, Mo. Combined stake-pocket and shaft-bearing.	855,943	June 4	969	201	128	1938
Frame, Robert E., assignor to American Car & Foundry Company, St. Louis, Mo. Car-stake.	859,555	July 9	1916	516	129	674
Frame, Robert E., assignor to American Car & Foundry Company, St. Louis, Mo. Car-underframe.	875,167	Dec. 31	5853	1222	131	2230
Frame, Robert E., assignor of one-half to H. W. Wolff, St. Louis, Mo. Spring-plank.	875,058	Dec. 31	5647	1177	131	2195
Frampton, Reynolds C., Swissvale, assignor to J. P. Reinecke, Pittsburg, and Pittsburg Water Heater Company, Allegheny, Pa. Heater.	867,357	Oct. 1	204	58	130	1375
Frampton, Reynolds C., Swissvale, assignor to Pittsburg Water Heater Company, Allegheny, Pa. Combination-valve.	868,177	Oct. 15	1492	422	130	1811
France, Adam W., Philadelphia, Pa., assignor to France Packing Company. Rod-packing.	849,115	Apr. 2	1013	205-6	127	1847
France, Harvey, Chicago, Ill. Lock.	847,930	Mar. 19	4473	981	127	1181
France Packing Company. (See France, Adam W., assignor.)						
Francfort, Alfred H., Jersey City, N. J., assignor to Niagara Hydraulic Engine Company. Hydraulic ram.	845,402	Feb. 26	5341	1133	126	3234
Franchetti, Alessandro, assignor to Delavergne Machine Company, New York, N. Y. Atomizing spray-nozzle.	857,566	June 18	4131	875	128	2809
Francis, Adolphus S., London, England. Inverted incandescent gas-burner.	857,233	June 18	3482	735-6	128	2648
Francis, Alfred R., Kent, Iowa. Device for testing the germinating power of seed-corn.	849,671	Apr. 9	2083	428	127	2153
Francis, Charles. (See Francis, William H., assignor.)						
Francis, Charles R., Warsaw, Mo. Rotary engine.	869,560	Oct. 29	3721	1019	130	2555
Francis, George, Columbus, Ohio. Reclining-chair.	850,918	Apr. 23	4443	929	127	2834
Francis, William H., Hugo, Ind. Tire-shrinker.	843,392	Feb. 5	1103	229	126	2069
Francis, William H., Cherryvale, assignor of one-half to C. Francis, Independence, Kans. Brick-handling machine.	859,445	July 9	1744	466	129	619
Francis, William H., Cherryvale, assignor for one-half to C. Francis, Independence, Kans. Transporting bricks, &c.	874,582	Dec. 24	4672	982	131	2014
Francis, William P., Pensacola, Fla. Wall structure.	860,364	July 16	3144	860	129	1103
Francisco, Bernardino, Penablanca, N. Mex. Ter. Machine for destroying grasshoppers	875,514	Dec. 31	6532	1362	131	2341
Francisco, Ferris L. R., and J. C. Thom, New York, N. Y. Concrete insert.	854,818	May 28	4921	1022	128	1355
Frank, Luther C. (See Lewis, Percy E., assignor.)						
Frank, William J., Bridgeport, Conn. Journal-bearing.	871,265	Nov. 19	2328	607	131	754
Frank, William J., Bridgeport, Conn. Turbine-engine.	871,792	Nov. 26	3427	842	131	956
Francœur, Jeanne E., San Francisco, Cal. Bath-cabinet.	853,009	May 7	1319	274-5	128	335
Francovich, Auguste, Paris, France. Amusement device.	844,116	Feb. 12	2485	533-4	126	2447
Frank Adam Electric Company. (See Adam, Frederick B., assignor.)						
Frank, Adolph, Charlottenburg, Germany. Producing hydrogen from water-gas.	873,853	Dec. 17	3174		131	1745
Frank, Albrecht. (See Mittelstrass and Frank.)						
Frank, Anton, Braddock, Pa. Centering and measuring instrument.	875,341	Dec. 31	6201	1292	131	2285
Frank, Charles. (See Johnson, Charles, assignor.)						
Frank, David, et al. (See Thorner, Bernard D., assignor.)						
Frank, Frederick, Jr., Johnstown, Pa. Snow-guard.	860,457	July 16	3291	899	129	1152
Frank, George P., Elizabeth, N. J. Auger-handle.	851,127	Apr. 23	4811	1014	127	2924
Frank, Henry, Lickingville, Pa. Bread-slicer.	870,503	Nov. 5	990	270	131	321
Frank, Henry M., El Paso, Tex. Shaft-coupling.	843,201	Feb. 5	751	154	126	1985
Frank, Henry M., El Paso, Tex. Split pulley.	843,202	Feb. 5	752	154	126	1985
Frank, John J., Schenectady, N. Y., assignor to General Electric Company. Telephone-transformer.	852,711	May 7	681	132	128	178
Frank, John J., Schenectady, N. Y., assignor to General Electric Company. Transformer-core.	852,712	May 7	682	132	128	178
Frank, John J., Schenectady, N. Y., assignor to General Electric Company. Transformer.	853,778	May 14	2844	585	128	765
Frank, John J., Schenectady, N. Y., assignor to General Electric Company. Three-phase transformer.	853,779	May 14	2845	585	128	766
Frank, John J., Schenectady, N. Y., assignor to General Electric Company. Transformer.	873,036	Dec. 10	1539	322	131	1439
Frank, John J., and J. S. Pevear, Schenectady, N. Y., assignors to General Electric Company. Control of electric cars.	854,730	May 28	4738	985	128	1308
Frank, Louis. (See Copp and Frank.)						
Frank Ridlon Company. (See Shields, Robert, assignor.)						
Frank, Salomon, Frankfurt-on-the-Main, Germany. Apparatus for manufacturing tubes and the like.	841,954	Jan. 22	4337	935	126	1224
Frank, William E., and C. C. Taylor, St. Louis, Mo. Couch-bed.	840,450	Jan. 1	1334	296	126	348
Frank, William V. (See Oesterle, Frank, and Althoff.)						
Frank, Amanda, Jeffersonville, Ind. Kitchen-cabinet.	839,992	Jan. 1	378	82	126	103
Franke, Emil, Astoria, N. Y. Grindstone.	845,073	Feb. 26	4677	954	126	1017

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Franke, Emil, Astoria, N. Y. Electric brake.....	857,729	June 25	4453	940	128	2924
Franke, Emil, Astoria, N. Y. Lawn-mower.....	865,097	Sept. 3	519	143	130	157
Franke, Emil, Hicksville, N. Y. Clamping device.....	851,875	Apr. 30	6366	1328	127	3348
Franke, Emil, assignor to Chemische Fabrik Grünau Landshoff & Meyer Aktiengesellschaft Manufacturing Chemists, Grünau, near Berlin, Germany. Producing concentrated formic acid from formates.....	857,046	June 18	3126	.....	128	2557
Franke, R. O., <i>et al.</i> (See Rhodes, Albert M., assignor.)						
Franke, Rudolf. (See Günther and Franke.)						
Frankel, Charles, New York, N. Y. Clothes-hanger support.....	842,193	Jan. 29	4844	1033	126	1381
Frankel, Charles, New York, N. Y. Garment-form.....	842,877	Feb. 5	71	16-17	126	1809
Frankel, Harry, New York, N. Y. Display-fixture.....	844,670	Feb. 19	3885	822	126	2827
Frankel, Harry, New York, N. Y. Bracket for clothing-cabinets.....	850,363	Apr. 16	3357	701	127	2519
Frankel, Harry, New York, N. Y. Base for display-fixtures.....	850,882	Apr. 16	4366	915	127	2776
Frankel, Harry, New York, N. Y. Splicing-sleeve.....	861,717	July 30	5272	1450	129	1853
Frankenberg, Frederick G., Chicago, Ill. Headlight for vehicles.....	850,570	Apr. 16	3755	785	127	2622
Frankenberg, John R. (See Lewis and Frankenberg.)						
Frankenfield, Budd, Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. System of distribution.....	850,217	Apr. 16	3085	646-7	127	2445
Frankenfield, Budd, Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. System of distribution.....	850,218	Apr. 16	3088	647	127	2446
Frankenheim, Aaron. (See Crowe and Frankenheim.)						
Frankenheim, Aaron, New York, N. Y., assignor to P. L. Crowe, Jersey City, N. J. Means for connecting cable-chains.....	852,264	Apr. 30	7146	1496	127	3544
Frankforter, George B., Minneapolis, Minn. Apparatus for wood distillation.....	875,342	Dec. 31	6203	1293	131	2285
Franklin, Ernest, Portland, Oreg. Gas-engine.....	860,651	July 23	3606	988	129	1289
Franklin, Fred W., Kalamazoo, Mich. Stanchion.....	841,955	Jan. 22	4338	936	126	1224
Franklin, George H., Boulder, Colo. Ore-roasting furnace.....	847,756	Mar. 19	4099	895	127	1091
Franklin, Hobart G., and W. V. Gore, Beloit, Wis., assignors to Fairbanks, Morse & Company, Chicago, Ill. Cooling system for internal-combustion engines.....	869,369	Oct. 29	3400	935	130	2456
Franklin, John, Greenville, Ala. Cotton chopper and cultivator.....	841,956	Jan. 22	4340	936	126	1225
Franklin, Lester R., New York, N. Y. Building-block.....	866,351	Sept. 17	2485	694	130	840
Franklin, Lucia J., Devils Lake, N. D. Fastener.....	858,275	June 25	5540	1184	128	3198
Franklin, Ray W., Fairfield, Iowa. Carrier.....	851,200	Apr. 23	4980	1047	127	2966
Franklin, Thomas, and G. L. Belding, West Point, N. Y. Vegetable-peeler.....	847,328	Mar. 19	3210	706-7	127	868
Franklin, Thomas, and G. L. Belding, West Point, N. Y. Peeling-machine for vegetables.....	850,424	Apr. 16	3471	727	127	2549
Franklin, William S., Bethlehem, Pa. Size-changing picture device.....	860,795	July 23	3821	1047	129	1358
Franklin, William S., Bethlehem, Pa. Gas-gun.....	874,952	Dec. 31	5439	1137	131	2161
Franks, Orrin G., Kenosha, Wis. Chair.....	848,645	Apr. 2	45	10	127	1596
Franks, Orrin G., Kenosha, Wis. Bed.....	861,508	July 30	4952	1360	129	1756
Franquist, Gustave E., New York, N. Y. Carbureter.....	840,204	Jan. 1	852	204	126	231
Frantz, Charles T., Chicago, Ill., assignor to National Vending Machine Company. Vending-machine.....	844,509	Feb. 19	3319	715	126	2694
Frantz, Ezra A., Weatherford, Tex. Stalk-cutter.....	845,867	Mar. 5	275	55	127	70
Frantz, Peter, Dixon, Ill. Feed mechanism for wire-fence machines.....	849,672	Apr. 9	2085	428-9	127	2154
Franzen, Nicklas, Walton, assignor to Pittsburgh Plate Glass Company, Pittsburg, Pa. Method of and machine for making wire-glass.....	844,587	Feb. 19	3725	783	126	2787
Franzmeier, Louis, Newton, Wis. Harvester attachment.....	846,918	Mar. 12	2420	531	127	644
Frary, Edward N. (See Frary, Ernest A. and E. N.)						
Frary, Ernest A. and E. N., Deerfield, Mass. Gas-lighting apparatus.....	849,116	Apr. 2	1017	206	127	1848
Frasch, Herman, New York, N. Y., assignor to Standard Oil Company, Bayonne, N. J. Separating low-boiling products from the burning-oil distillate of petroleum to raise the fire test thereof.....	845,456	Feb. 26	5450	1154	126	3262
Frasch, Herman, New York, N. Y., assignor to Standard Oil Company, Bayonne, N. J. Steam-still for petroleum.....	845,735	Feb. 26	5988	1265-6	126	3395
Frasch, Herman, New York, N. Y., assignor to Frasch Sulphur Process Company, Kittery, Me. Mining sulfur.....	870,620	Nov. 12	1170	318-19	131	414
Frasch, Herman, assignor to United Salt Company, Cleveland, Ohio. Mining salt.....	874,906	Dec. 24	5290	1115	131	2120
Frasch, Herman, assignor to United Salt Company, Cleveland, Ohio. Mining salt.....	874,907	Dec. 24	5297	1115	131	2120
Frasch Sulphur Process Company. (See Frasch, Herman, assignor.)						
Fraser, Alexander T., Butte, Mont. Dredge-bucket joint.....	854,731	May 28	4739	985	128	1308
Fraser, George, Jersey City, N. J., assignor to J. M. Winkler, New York, N. Y. Non-refillable bottle.....	857,168	June 18	3367	710	128	2618
Fraser, George A., Winnipeg, Manitoba, Canada. Combined brush and mop holder.....	856,238	June 11	1539	322	128	2117
Fraser, George D., Sutter Creek, Cal. Water-motor.....	844,510	Feb. 19	3322	715	126	2695
Fraser, George H. (See Hall, Milan W., assignor.)						
Fraser, George H. (See Weekly, James N., assignor.)						
Fraser, John J., Somerville, Mass. Bottle-stopper.....	869,700	Oct. 29	3937	1085	130	2618
Fraser, Norman. (See Smith and Fraser.)						
Fraser, Norman P., and W. Gribben, Carsonville, Mich. Electric railway signaling system.....	870,621	Nov. 12	1174	319	131	416
Fraser, Peter, Johannesburg, Transvaal. Straightway valve.....	851,876	Apr. 30	6367	1328	127	3348
Fraser, Robert G., Philadelphia, Pa. Circular-distributor.....	846,741	Mar. 12	2054	451	127	552
Fraser, Robert G., Philadelphia, Pa. Circular-distributor.....	850,826	Apr. 16	4247	892	127	2744
Fraser, Simon A., and F. S. Kline, Lorain, Ohio. Mail-bag catching and delivering apparatus.....	849,673	Apr. 9	2088	429-30	127	2154
Fraser, Simon A., and J. M. Nichols, assignor of one-third to J. J. Kelley, Lorain, Ohio. Marine-engine governor.....	843,803	Feb. 12	1902	408	126	2305
Fraser, Simon A., and M. Jackson, Lorain, Ohio. Anchor-compartment.....	856,239	June 11	1540	322	128	2117
Fraser, Spencer L., Chicago, Ill. Apparatus for making molasses feed.....	854,159	May 21	3644	754	128	999
Fraser, William, Sioux Falls, S. D. Track-cleaner.....	866,453	Sept. 17	2617	731	130	883
Fraser, William, Stockholm, Sweden, assignor to Wyckoff, Seamans & Benedict, Iilon, N. Y. Type-writing machine.....	842,396	Jan. 29	5281	1121	126	1497
Fraser, William G. (See Thurlow and Fraser.)						
Frauenthal, Mortimer, Conway, Ark. Rotary engine.....	875,515	Dec. 31	6533	1362	131	2341
Fravel, Jesse, near Dayton, Ohio. Knockdown trestle.....	872,722	Dec. 3	856	177	131	1301
Fravor, Archibald, Galesburg, Ill. Device for operating air-cocks on air-brake cars.....	867,718	Oct. 8	743	208	130	1561
Frawley, William J. (See Wilson and Frawley.)						
Frayer, Charles A., Chicago, Ill., assignor to Allis-Chalmers Company, Milwaukee, Wis. Centrifugal pump.....	867,491	Oct. 1	395	113	130	1435
Frayer, Charles A., assignor to Allis-Chalmers Company, Milwaukee, Wis. Hydraulic dredge.....	867,492	Oct. 1	395	113	130	1436
Frayer, Charles A., assignor to Allis-Chalmers Company, Milwaukee, Wis. Excavator.....	875,420	Dec. 31	6351	1324	131	2310
Frayer, Lee A., and W. J. Miller, assignors to Oscar Lear Automobile Company, Columbus, Ohio. Fender for vehicles.....	848,022	Mar. 26	4686	1022	127	1270
Frayer, Lee A., and W. J. Miller, assignors to Oscar Lear Automobile Company, Columbus Ohio. Shifting device for gearing.....	854,480	May 21	4241	878	128	1155

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Frazer, Cassius F., Portland, Oreg., assignor to E. C. Atkins & Co., Indianapolis, Ind. Detachable saw-handle.....	842,141	Jan. 22	4713	1008	126	1315
Frazier, Walter L., National City, Cal. Combined lock and latch.....	856,046	June 4	1147	242-3	128	1983
Frazier, George W. (See Schoneberger and Frazier.)						
Frazier, James L., Peoria, Ill., assignor, by mesne assignments, to Gravity Coupler Company. Car-coupling.....	850,219	Apr. 16	3092	647	127	2446
Frazier, James L., Peoria, Ill., assignor to Gravity Coupler Company. Car-coupling.....	850,301	Apr. 16	3230	674	127	2485
Frazier, Schuyler, Bristol, Va. Razor-blade holder.....	870,425	Nov. 5	883	237	131	291
Frear, Clark E., Lake Winola, Pa. Controller for motor-vehicles.....	868,081	Oct. 15	1366	383	130	1773
Frear, Jenness B., Excelsior, Minn. Paper-rack.....	849,893	Apr. 9	2498	515	127	2260
Freas, Samuel, Trenton, N. J., assignor to H. Disston & Sons, Incorporated, Philadelphia, Pa. Insertible tooth for metal saws.....	846,196	Mar. 5	966	205	127	245
Freberg, Ernst, Tinley Park, assignor of one-half to P. H. Dilg, Chicago, Ill. Gearing.....	858,711	July 2	602	158	129	208
Fredenburgh, George A., Pawtucket, R. I. Thread-dressing machine.....	862,549	Aug. 6	765	204-5	129	2321
Frederick, Edwin E., Bellevue, assignor to Frederick-Elder Co., Inc., Pittsburg, Pa. Switch-operating mechanism.....	873,741	Dec. 17	2938	623	131	1707
Frederick-Elder Co. (See Frederick, Edwin E., assignor.)						
Frederick, Joseph, Stroudsburg, Pa. Pneumatic hammer.....	853,508	May 14	2298	476	128	624
Frederick, William B., and C. L. Okell, Fort Madison, Iowa. Portable chair.....	861,509	July 30	4953	1360	129	1756
Fredericks, William L., Minneapolis, Minn. Rail-joint for iron beds.....	849,537	Apr. 9	1844	374-5	127	2094
Fredericksen, James. (See Alexander and Fredericksen.)						
Frederiksen, Anton, Copenhagen, Denmark. Bottle-forming apparatus.....	848,095	Mar. 26	4808	1049	127	1301
Fredet, Henri, Brignoud, France. Production of active matter for accumulators with mixed oxids.....	854,940	May 28	5172	-----	128	1421
Fredin, Herman. (See Hanson, August, assignor.)						
Fredrick, John E., Kokomo, Ind. Machine for making wire fences.....	845,170	Feb. 26	4868	1032-4	126	3118
Fredrick, William, assignor to H. Metzger and T. Fuller, Clyde, Ohio. Automatic lantern-slide-moving device.....	865,373	Sept. 10	953	273-4	130	317
Fredrick, William D., Bridgeton, assignor to Millville Machine Company, Millville, N. J. Blow-head for glass-blowing machines.....	858,379	July 2	25	9	129	9
Fredrick, William D., Bridgeton, assignor to Millville Machine Company, Millville, N. J. Blow-head for glass-blowing machines.....	858,592	July 2	398	103	129	141
Fredricks, Charles, New York, N. Y. Fish-hook bait-holder.....	862,150	Aug. 6	45	13	129	2095
Fredrikson, Adolf, assignor of one-half to A. Malm, Soudan, Minn. Gage-cock.....	856,047	June 4	1150	243	128	1983
Free, William C., Chicago, Ill. Sewing-machine cabinet.....	861,451	July 30	4881	1338-9	129	1732
Freebey, Mordecai P., and G. Moore, Los Angeles, Cal. Hot-water attachment for stoves.....	875,253	Dec. 31	6019	1255	131	2258
Freeborn, Grant E., Belfast, N. Y. Dental-plate swage.....	857,339	June 18	3682	778	128	2700
Freed, George F., assignor to Duff Manufacturing Company, Allegheny, Pa. Lifting-jack.....	874,061	Dec. 17	3638	764	131	1811
Freed, Isaac, Harrisburg, Pa. Carpet-stretcher.....	870,670	Nov. 12	1267	345	131	446
Freed, Isaac, Harrisburg, Pa. Carpet-stretcher.....	870,671	Nov. 12	1268	345-6	131	446
Freed, William C. (See Allison, James M., assignor.)						
Freedman, Alice, Hazlewood, Pa. Curtain-pole.....	873,854	Dec. 17	3175	675	131	1745
Freedman, Barnett, Boston, Mass. Garment.....	841,856	Jan. 22	4157	895-6	126	1183
Freedman, William H., Burlington, Vt. Synchronizer.....	843,266	Feb. 5	882	180	126	2018
Freedman, William H., Burlington, Vt. Frequency-meter.....	843,267	Feb. 5	887	181-2	126	2018
Freedmann, William, New York, N. Y. Combined bookcase and folding bed.....	870,947	Nov. 12	1728	473	131	590
Freeland, Franco S., Broomfield, W. Va. Well-drilling tool.....	875,516	Dec. 31	6535	1363	131	2341
Freeland, Robert L., Argenta, Ark. Folding bed.....	861,452	July 30	4884	1339	129	1733
Freeman, Alexander E., assignor of one-half to A. Effenberger, Orange, N. J. Button.....	847,660	Mar. 19	3904	853	127	1047
Freeman, Alonzo O., Ionia, Mich. Hand-sprayer.....	865,485	Sept. 10	1133	321	130	372
Freeman, Bert G. (See Meyer, John E., assignor.)						
Freeman, Charles, Los Angeles, Cal. Automatic firearm.....	870,719	Nov. 12	1342	366-7	131	472
Freeman, Charles A., East Orange, N. J. Bushing-coupling.....	848,819	Apr. 2	446	88	127	1700
Freeman, Charles C. (See Moore and Freeman.)						
Freeman, Charles E. (See Pietzuch and Brown, assignors.)						
Freeman, Claude E., assignor to H. P. Deucher Company, Hamilton, Ohio. Harrow-tooth fastener.....	841,082	Jan. 8	2593	568	126	704
Freeman, David W., Fishhawk, Oreg. Logging-dog or swamping-hook.....	842,779	Jan. 29	6127	1293	126	1706
Freeman, Ernest B., Dedham, assignor to B. F. Sturtevant Company, Boston, Mass. Expansion-coupling.....	848,234	Mar. 26	5039	1101	127	1360
Freeman, Ernest B., Dedham, assignor to B. F. Sturtevant Company, Boston, Mass. Fuel-economizer.....	869,701	Oct. 29	3938	1086	130	2618
Freeman, Fred. (See Tobey and Freeman.)						
Freeman, Henry H., Wilkinsburg, Pa. Smoke-consuming boiler-furnace.....	863,597	Aug. 20	2367	647	129	2883
Freeman, Howard W., Newark, Ohio. Bridle-rod for railway-track rails.....	854,941	May 28	5174	1078	128	1421
Freeman, James B., Los Angeles, Cal. Rock-breaker.....	863,526	Aug. 13	2244	608	129	2814
Freeman, James J. (See Freeman, Miles E., assignor.)						
Freeman, Joseph W., Lucasville, Ohio. Curtain-pole.....	860,458	July 16	3292	899	129	1152
Freeman, Lowell C., Kalamazoo, Mich. Carbureter for an explosive-engine.....	851,285	Apr. 23	5166	1086	127	3014
Freeman, Miles E., assignor of one-half to J. J. Freeman, Bradford, Pa. Pneumatic dust-remover.....	855,433	May 28	6121	1279	128	1657
Freeman, Samuel A. (See Throop and Freeman.)						
Freeman, William A., Sycamore, Ga. Fertilizer-distributor.....	842,194	Jan. 29	4845	1034	126	1381
Freer, Phelps M., Barborton, assignor of two-fifths to H. C. Parsons, Akron, Ohio. Automatic gage.....	854,481	May 21	4245	878	128	1156
Freese, Benjamin M. (See Radell, Anthony H., assignor.)						
Freese, John D., Chicago, Ill. Packing-pad.....	874,494	Dec. 24	4480	944	131	1986
Freese, Oscar, Chicago, Ill. Envelop-cutting machine.....	863,840	Aug. 20	2724	750	129	2991
Freestate, Charles P., Chicago, Ill. Gluing-machine.....	849,777	Apr. 9	2274	467	127	2203
Freeze, John A., Mason, Tex. Clothes-pin.....	859,648	July 9	2064	557	129	721
Freiberg, Stanley B., Cincinnati, Ohio. Electric-circuit breaker.....	840,614	Jan. 8	1678	468	126	474
Freier, Anton, Boston, Mass. Combined punching and drawing machine.....	864,417	Aug. 27	3584	996	129	3298
Freier, Anton, Boston, Mass., assignor to Holtzer Cabot Electric Company. Applying a coating of one metal to the surface of another metal.....	871,685	Nov. 19	3204	793	131	892
Freier, Anton, Boston, Mass., assignor to Holtzer Cabot Electric Company. Platinum contact.....	871,686	Nov. 19	3205	793	131	892
Freiermuth, Charles, and F. H. Blattner, Brooklyn, N. Y. Oil and water separator and filter.....	866,454	Sept. 17	2618	731-2	130	883
Freiman, Ferdinand, and A. Stevenson, Seattle, Wash. Clasp.....	869,774	Oct. 29	4045	1116	130	2650
Freitag, August H., Columbia, S. C. Wagon-hound.....	846,197	Mar. 5	967	205	127	245
Fremery, Max, Oberbruck, E. Bronnert, Mülhausen-Niedermorschweiler, Germany, and J. Urban, St. Polten, Austria-Hungary. Manufacture of threads, films, or other forms of cellulose.....	856,857	June 11	2761	-----	128	2426
Frenay, Henri, Lüttich, Belgium. Lubricating apparatus.....	845,074	Feb. 26	4678	994	126	3067
Frenay, Henri, Lüttich, and H. Graeve, Herstal, near Lüttich, Belgium. Repeating rifle.....	845,075	Feb. 26	4678	994	126	3067

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Frenberg, Charles H. (See Anderson and Frenberg.)						
French, Albert E., Indianapolis, Ind. Ironing-table.	858,969	July 2	1036	272-3	129	354
French, Alfred W., Piqua, Ohio. Steam-cooker for oil-bearing meal and the like.	852,058	Apr. 30	6776	1410	127	3451
French, Alfred W., Piqua, Ohio. Press-plate.	860,289	July 16	3024	828	129	1064
French, Alfred W., Piqua, Ohio. Press-plate.	860,290	July 16	3026	828	129	1065
French, Alfred W., Piqua, Ohio. Oil-cake-stripping machine.	862,464	Aug. 6	607	161-2	129	2278
French, Alfred W., Piqua, Ohio. Machine for forming oil-cakes.	863,794	Aug. 20	2652	733	129	2975
French, Alfred W., and P. G. Weidner, assignors to French Oil Mill Machinery Company, Piqua, Ohio. Automatic choker-valve for presses.	853,167	May 7	1585	330	128	400
French, Charles H., Canton, Mass., assignor to French & Ward, New York, N. Y. Machine for producing ornamental surfaces on fleeced fabrics.	847,056	Mar. 12	2686	590-1	127	710
French, Clinton H., San Francisco, Cal. Tripod for music-stands and the like.	868,260	Oct. 15	1629	460	130	1855
French, Clinton H., San Francisco, Cal. Sheet-holder for music-stands and the like.	875,421	Dec. 31	6352	1324	131	2311
French, Erastus S., assignor to A. S. Stuart, East Princeton, Mass. Child's chair.	866,853	Sept. 24	3219	905	130	1104
French, Frank H., assignor to Draper Company, Hopedale, Mass. Boring-machine.	850,085	Apr. 9	2817	590	127	2338
French, Frederick W., Oakland, Cal. Nut-lock.	855,700	June 4	489	102	128	1820
French, George B., Fremont, Neb. Hydraulic motor.	856,858	June 11	2762	574	128	2426
French, George C., Chicago, Ill. Flue-cleaner.	844,928	Feb. 19	4384	937	126	2953
French, Harry C., assignor of one-half to C. F. Borgel, York, Pa. Riveting.	845,228	Feb. 26	4988	1061	126	3148
French, James B., Chicago, Ill. Illuminating-tile.	867,650	Oct. 8	648	184	130	1531
French, James B., Chicago, Ill. Illuminating-tile.	871,793	Nov. 26	3429	842	131	957
French, Joseph, Woonsocket, R. I. Stamping and numbering machine.	850,425	Apr. 16	3475	728	127	2550
French, Joseph, Woonsocket, R. I., assignor of one-half to Sewing Machines Supplies Company, Boston, Mass. Inking device for stamping and numbering machines.	872,281	Nov. 26	4486	1065	131	1118
French, Joseph, Woonsocket, R. I., assignor of one-half to Sewing Machines Supplies Company, Boston, Mass. Stamping and numbering machine.	874,358	Dec. 17	4207	886	131	1909
French, Luke, <i>et al.</i> (See Reilly, Bernard T., assignor.)						
French, Mary E., Clyde, Ohio. Kettle.	841,681	Jan. 22	3788	824	126	1086
French, Mary E., Clyde, Ohio. Egg-beater.	858,970	July 2	1038	273	129	535
French, Mary E., Clyde, Ohio. Potato-masher.	874,756	Dec. 24	5018	1057	131	2072
French Oil Mill Machinery Company. (See French and Weidner, assignors.)						
French, Walter. (See Grosse and French.)						
French, Walter W., Duluth, Minn., assignor of one-half to C. A. Nye, Cornucopia, Wis. Wheel for roller-skates.	853,447	May 14	2164	450	128	588
French & Ward. (See French, Charles H., assignor.)						
Frenier, Albert B., Davenport, Iowa. Wheeled plow.	853,448	May 14	2165	450-1	128	588
Frenier, Albert B., Davenport, Iowa. Wheeled plow.	856,240	June 11	1541	323	128	2117
Frenier, Joseph A., Davenport, Iowa. Mechanical movement.	867,121	Sept. 24	3630	1031	130	1230
Frenzel, John A., Wausau, Wis. Train-pipe coupling.	851,806	Apr. 30	6223	1298	127	3311
Frenzel, Paul W., assignor to Falstrom & Tornqvist Company, Passaic, N. J. Fireproof window frame and sash.	865,374	Sept. 10	956	274	130	318
Frerkson, Mamie, Mount Pleasant, Iowa. Shirt-waist.	849,117	Apr. 2	1022	206	127	1849
Frerkson, Mamie, Mount Pleasant, Iowa. Garment-supporter.	850,638	Apr. 16	3909	815	127	2660
Freschl, Alfred, Chicago, Ill. Tufting-button.	859,934	July 16	2491	677	129	889
Freschl, Alfred, Chicago, Ill., assignor to F. A. Neider Co., Augusta, Ky. Curtain-fastener.	868,082	Oct. 15	1368	383	130	1774
Fresen, Wilhelmus J. H., Brussels, Belgium. Governing device for marine engines.	850,473	Apr. 16	3570	746	127	2574
Freshour, Henry C., assignor to H. O. Canfield Company, Bridgeport, Conn. Bath and basin stopper.	852,501	May 7	245	44	128	69
Fretwell, John A., Little Rock, Ark. Bridle-bit.	841,007	Jan. 8	2435	532	126	661
Fretz, J. R., <i>et al.</i> (See Hendrick, Thomas A., assignor.)						
Fretz, Samuel S., Jr., and H. Van Buren, Sr., Philadelphia, Pa. Window-mirror.	847,757	Mar. 19	4102	895-6	127	1092
Fretz, Samuel S., and M. H. Hartzell, Philadelphia, Pa., assignors to S. S. Fretz Manufacturing Company. Umbrella pivot-joint.	861,584	July 30	5074	1392	129	1796
Freund, Ignatz H., Beaver, Pa. Cement tile with light-pane.	860,796	July 23	3822	1047	129	1358
Freund, Joseph, Crystal City, Mo. Tile gutter.	874,180	Dec. 17	3847	811	131	1849
Freund, Joseph A., New York, N. Y. Regulating device for balance-wheels.	862,465	Aug. 6	609	162	129	2279
Freund, Vilhelm J. G., Brooklyn, N. Y. Bottle-closure.	853,449	May 14	2172	451	128	591
Freund, Vilhelm J. G., Brooklyn, N. Y. Bottle-closure.	856,342	June 11	1764	367	128	2174
Frey, Clarence N., assignor to J. M. Robinson Manufacturing Company, Cincinnati, Ohio. Brake.	840,837	Jan. 8	2090	463	126	575
Frey, Clarence N., assignor to J. M. Robinson Manufacturing Company, Cincinnati, Ohio. Toggle-press.	843,203	Feb. 5	753	154-5	126	1985
Frey, Clarence N., assignor to J. M. Robinson Manufacturing Company, Cincinnati, Ohio. Press.	845,457	Feb. 26	5458	1155-6	126	3264
Frey, Clarence N., assignor to J. M. Robinson Manufacturing Company, Cincinnati, Ohio. Die-securing means.	851,350	Apr. 23	5297	1109	127	3046
Frey, Ernest H., Glenville, Ohio. Hatch-fastener.	843,804	Feb. 12	1904	408	126	2305
Frey, Ernest H., Cleveland, Ohio. Printing-card.	871,581	Nov. 19	3019	753	131	860
Frey, John A., Washington, D. C. Automatic steam and hot-water safety-cock.	843,525	Feb. 5	1380	290	126	2138
Frey, John A., Washington, D. C. Water-heater.	843,526	Feb. 5	1382	290-1	126	2138
Freytag, Ernst E. (See Neukirch, Hubert V., assignor.)						
Freytag, Victor, Des Moines, Iowa. Folding lamp-shade.	873,665	Dec. 10	2756	585	131	1647
Fric, Josef J., Prague, Austria-Hungary. Optical instrument.	844,012	Feb. 12	2296	492	126	2402
Frick, Claus H., San Antonio, Tex. Tool for truing and dressing commutators.	857,931	June 25	4849	1026	128	3021
Frick, George W., Syracuse, N. Y. Apparatus for handling newspapers.	856,460	June 11	2021	416-17	128	2241
Frick, Harry R. (See Bostin, Charles P. and H. C., assignors.)						
Fricke, Harry C. (See Turner and Fricke.)						
Fricke, Harry C., and G. E. Turner, assignors to Turner-Fricke Manufacturing Company, Pittsburg, Pa. Explosive-engine.	864,143	Aug. 20	3178	878	129	3135
Fricke, Harry C., and G. E. Turner, assignors to Turner-Fricke Manufacturing Company, Pittsburg, Pa. Admission-valve for explosive-engines.	873,534	Dec. 10	2519	532	131	1604
Frickey, Lewis C., Battle Creek, Mich. Head and body rest for beds.	841,008	Jan. 8	2436	532	126	661
Frickey, Royal E., Berkeley, Cal. Apparatus for electrically removing and severing metal.	864,840	Sept. 3	124	34	130	39
Fridez, Louis, Buffalo, N. Y. Mechanical stoker.	850,919	Apr. 23	4445	929-30	127	2834
Fried. Krupp Aktiengesellschaft. (See Baker, Carl, assignor.)						
Fried. Krupp Aktiengesellschaft. (See Bogel, Josef, assignor.)						
Fried. Krupp Aktiengesellschaft. (See Grauhering, Oskar, assignor.)						
Fried. Krupp Aktiengesellschaft. (See Hauschild, Leopold, assignor.)						
Fried. Krupp Aktiengesellschaft. (See Heilemann, Walter, assignor.)						
Fried. Krupp Aktiengesellschaft. (See Hermsdorf, Max, assignor.)						
Fried. Krupp Aktiengesellschaft. (See Krone, Johannes, assignor.)						
Fried. Krupp Aktiengesellschaft. (See Kurig, Josef, assignor.)						
Fried. Krupp Aktiengesellschaft. (See Lauber and Kanonenberg, assignors.)						
Fried. Krupp Aktiengesellschaft. (See Lauber and Koch, assignors.)						
Fried. Krupp Aktiengesellschaft. (See Lauber and Stock, assignors.)						

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Fried. Krupp Aktiengesellschaft. (See Mayer, Wilhelm, assignor.)						
Fried. Krupp Aktiengesellschaft. (See Schleth, Friedrich, assignor.)						
Fried. Krupp Aktiengesellschaft. (See Schwartz, Wilhelm, assignor.)						
Fried. Krupp Aktiengesellschaft. (See Wieser, Karl, assignor.)						
Fried. Krupp Aktiengesellschaft. (See Ziegenfuss, Friedrich, assignor.)						
Fried. Krupp Aktiengesellschaft, Germaniawerft. (See Mehrrens, Otto, assignor.)						
Fried. Krupp Aktiengesellschaft, Grusonwerk. (See Lehmann, Hermann, assignor.)						
Fried. Krupp Aktiengesellschaft, Grusonwerke. (See Schneider and Sohler, assignors.)						
Friedbaum, Morris, Philadelphia, Pa. Invisible belt for trousers	849,060	Apr. 2	895	183	127	1816
Friedel, Albert H., Cleveland, Ohio. Propeller	867,029	Sept. 24	3492	989	130	1190
Friedeman, Armin R. (See Winters, George W., assignor.)						
Friederichs, Jacob A. E. (See Schaff and Friederichs.)						
Friedheim, Arthur. (See Lehnert, Paul and M., assignors.)						
Friedheim, Daniel F., New York, N. Y. Collapsible box	846,788	Mar. 12	2148	472	127	577
Friedlaender, Paul, Vienna, Austria-Hungary, assignor to Kalle and Company Aktiengesellschaft, Biebrich, Germany. Thio-indoxyl derivative and making same	850,827	Apr. 16	4249		127	2745
Friedman, Andrew J., Canton, Ohio. Axle	842,397	Jan. 29	5283	1122	126	1497
Friedman, Bernhard Z., assignor to I. Blackman, Fort Worth, Tex. Hair-spring locator	871,866	Nov. 26	3608	881	131	982
Friedman, David D., New York, N. Y. Burglar-alarm relay-drop	852,226	Apr. 30	7085	1481	127	3529
Friedman, Goste, Jamestown, N. Y. Carpet-wiper	863,598	Aug. 20	2368	647	129	2883
Friedman, Goste, Jamestown, N. Y. Carpet-cleaner	866,640	Sept. 24	2899	817	130	998
Friedman, Leopold. (See Meacham, Benjamin E., assignor.)						
Friedman, Morris, assignor to Northwestern Can Company, Chicago, Ill. Display-box	861,962	July 30	5649	1567	129	1969
Friedman, Paul, and A. H. Carlisle, New York, N. Y., assignors to Aetna Self Heating Food Company, Jersey City, N. J. Heating-can	862,151	Aug. 6	46	13	129	2095
Friedmann, Hugo. (See Schiepe, August, assignor.)						
Friedmann, Max, Vienna, Austria-Hungary, and R. Knoller, Pantin, France. Multiple heating-burner for vaporized liquid combustibles	872,810	Dec. 3	1026	215	131	1330
Friedrich, Ernst W., Biaton, Belgium. Manufacturing artificial threads, films, and the like	850,571	Apr. 16	3757		127	2622
Friend, Calvin V., assignor of one-half to G. D. Avery, Porterville, Cal. Wrench	868,652	Oct. 22	2281	632	130	2081
Friend, John E., Annandale, New South Wales, Australia. Rotary engine	854,574	May 21	4421	917-19	128	1199
Friend Mfg. Co. (See Hull, Arthur B., assignor.)						
Friend, Samuel E., Steubenville, Ohio. Oil-can	869,702	Oct. 29	3940	1086	130	2619
Friendly, Herbert M., Portland, Oreg. Method of and apparatus for fault location on electrical conductors	859,556	July 9	1917	516	129	674
Friermood, John E., Everett, Wash. Locomotive	870,769	Nov. 12	1433	389	131	497
Frierson, Luther L., St. Louis, Mo. Stave-cutting machine	851,412	Apr. 23	5416	1134	127	3077
Fries, F. H., executor. (See De Schweinitz, Emil A.)						
Fries, John W., Winston Salem, N. C. Humidifying-machine	859,649	July 9	2065	558	129	721
Friestedt, Luther P., Chicago, Ill. Sheet-piling	871,582	Nov. 19	3021	753	131	860
Frigon, Louis T., assignor of one-half to A. A. Rousselle, Montreal, Quebec, Canada. Snow-melting apparatus	852,945	May 7	1176	242	128	299
Frikart, Johann R., and O. Jaeger, Munich, Germany. Turbine-blade	849,992	Apr. 9	2652	555	127	2297
Frink, Herbert J., Holyoke, Mass. Grindstone-flange	867,965	Oct. 15	1190	329	130	1718
Frink, Miles T. (See McGregor, Allan L. and D., assignors.)						
Frink, Orton O., and F. W. Scanling, Chrisman, Ill. Combination-tool	870,672	Nov. 12	1270	346	131	447
Frink, Robert L., New Castle, Pa. Method and apparatus for drawing glass	846,102	Mar. 5	789	165	127	201
Frink, Robert L., Belle Vernon, assignor to Window Glass Machine Company, Pittsburg, Pa. Hoisting-gear for glass-drawing apparatus	871,687	Nov. 19	3206	793-4	131	892
Fripp, Isaac, assignor to J. Watt, Catford, England. Means for effecting escape of occupants from sunken vessels	848,615	Mar. 26	5808	1265-6	127	1549
Frisbie, Franklin S. (See Baker and Frisbie.)						
Frisbie, Franklin S. (See Raza and Frisbie.)						
Frisbie, Harry D., Sr., Cynthia, Ky. Fireplace-heater	869,775	Oct. 29	4046	1116-17	130	2650
Frisbie, Henry R., Belleville, N. J. Apparatus for locating patterns on pattern-plates	844,117	Feb. 12	2486	534	126	2448
Frisbie, Joseph P. (See Baker, William H., assignor.)						
Frisch, Homer P., Mount Pulaski, Ill. Shoe-cleaner	867,028	Sept. 24	3491	989	130	1189
Frischmuth, Charles S., Philadelphia, Pa. Stop and waste cock	867,651	Oct. 8	649	184	130	1531
Frist, Robert P., Bridgeton, N. J. Glass-molding machine	862,466	Aug. 6	611	162-3	129	2279
Frist, Robert P., Bridgeton, N. J. Glass-blowing machine	862,728	Aug. 6	1039	279	129	2403
Fritch, Edmund D., Chicago, Ill., and G. Drewry, Washington, D. C. Ticket-cutter	863,271	Aug. 13	1887	509	129	2702
Frith, Arthur J., New York, N. Y. Internal-combustion engine	870,720	Nov. 12	1345	367	131	473
Frith, William F. L., London, England. Toughening or annealing steel, iron, and other metals	843,563	Feb. 5	1468	310	126	2158
Fritsche, John, Philadelphia, Pa. Fraud-preventive device for coin mechanisms	852,111	Apr. 30	6873	1436	127	3474
Fritsche, John, Philadelphia, Pa. Vending-machine	864,526	Aug. 27	3780	1050-2	129	3356
Fritsche, John, Philadelphia, Pa. Coin-wheel for vending-machines	864,527	Aug. 27	3789	1052-3	129	3358
Fritschka, Leo, and C. Koch, Chicago, Ill. Power-transmission device	848,096	Mar. 26	4809	1049	127	1302
Fritts, Benjamin T., Des Moines, Iowa. Belt-clamping tool	871,062	Nov. 12	1893	518	131	642
Fritts, Charles E., deceased, New York, N. Y.; J. H. Fritts, administratrix, assignor of one-third to S. B. Prentiss, Washington, D. C. Apparatus or means for the production, transmission, and distribution of electric currents	874,908	Dec. 24	5306	1116	131	2121
Fritts, Josephine H., administratrix. (See Fritts, Charles E.)						
Fritts, William H., Tinton, S. D. Bed	847,465	Mar. 19	3501	766	127	942
Fritz, Charles A., Minot, N. D. Pliers	839,993	Jan. 1	379	83	126	103
Fritz, F. Fenner, et al. (See Cummins, Clarence R., assignor.)						
Fritz, Frank, Alexandria, Minn. Tooth-fastener	863,527	Aug. 13	2247	609	129	2815
Froelich, David, New York, N. Y. Combination furniture	853,630	May 14	2546	528	128	686
Froelich, Gottlieb W., assignor to Froelich Manufacturing Company, St. Paul, Minn. Washing-machine	864,127	Aug. 20	3148	871-2	129	3127
Froelich, Gottlieb W., St. Paul, assignor to Froelich Manufacturing Company, Merriam Park, St. Paul, Minn. Washing-machine stand	867,493	Oct. 1	397	113-14	130	1436
Froelich Manufacturing Company. (See Froelich, Gottlieb W., assignor.)						
Froesé, Minna, New York, N. Y. Ash-sifter	865,582	Sept. 10	1293	367	130	422
Froger-Delapierre, Edouard L., Courbevoie, France. Making vanillin	841,957	Jan. 22	4341	936-7	126	1225
Frohlich, George W., Chicago, Ill. Metal-drawing machine	874,953	Dec. 31	5441	1137-8	131	2161
Frohman, Edward D., et al. (See Davidson, John M., assignor.)						
Froid, Elmer O., Boulder, Colo. Automatic cut-off	859,756	July 9	2214	602	129	770
Frólich, Oscar, Berlin, Germany. Extracting copper	846,657	Mar. 12	1904		127	515
Frollo, Giovanni, Milan, Italy. Impermeable cement for resisting water	849,778	Apr. 9	2277		127	2203
Fromberg, Adolf, Montesano, Wash. Log-guide for log-skids	865,693	Sept. 10	1460	413	130	476
Fromholtz, Rolf, Philadelphia, Pa. Spring-cleat for boats and the like	852,946	May 7	1178	242	128	299
Frommarter, Willy R., New York, N. Y. Clearing device for pneumatic tires	841,958	Jan. 22	4343	937	126	1225
Frommel, Albert E., Groton, S. D. Horse-releaser	840,691	Jan. 8	1811	399	126	507
Fronek, Otakar, Cleveland, Ohio, assignor to General Laboratory Company. Treating sulfid ores	845,868	Mar. 5	276		127	71

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Froome, Moscoe G. (See Chambers, Froome, Huff, and McCrary.)						
Froschmaier, Michael, Bad Aibling, Germany. Permanently removing wall-salt-peter and similar eruptions.	847,173	Mar. 12	2897	-----	127	762
Frosolid, Anton S., assignor to Seaside Electric Company, Seaside, Oreg. Device for sawing quartered timber.	851,083	Apr. 23	4738	997-8	127	2907
Frost, Clarence B. (See Tuttle, Joseph H., assignor.)						
Frost, Clarence B., Cambridge, Mass. Package-sealing device.	848,734	Apr. 2	229	46	127	1645
Frost, Clarence B., Cambridge, Mass. Package-sealing apparatus.	848,735	Apr. 2	232	46	127	1646
Frost, Clarence B., Cambridge, Mass. Package-sealing apparatus.	848,892	Apr. 2	599	119	127	1742
Frost, Clinton E., Cleveland, Ohio. Earth-anchor.	855,298	May 28	5886	1226	128	1601
Frost, Clinton E., Cleveland, Ohio. Earth-anchor.	859,650	July 9	2067	558	129	722
Frost, Harald B. E., Copenhagen, Denmark. Centrifugal machine.	864,365	Aug. 27	3515	976	129	3269
Frost, Henry H., London, England. Portable self-contained vulcanizing apparatus.	856,241	June 11	1546	324	128	2118
Frost, Henry H., assignor to Harvey Frost & Company, Limited, London, England. Vulcanizing apparatus.	846,408	Mar. 5	1371	301-2	127	348
Frost, Joseph W., Washington, D. C. Neckwear.	854,284	May 21	3888	802	128	1066
Frost, Nathaniel, Bloomington, Ill. Combination boiler and furnace.	862,067	July 30	5808	1611	129	2019
Frost, Nathaniel, Bloomington, Ill. Water-closet.	863,977	Aug. 20	2924	805	129	3059
Frost, Paul, Berlin, Germany. Mutoscope.	870,504	Nov. 5	991	271	131	321
Frost, William G., Indianapolis, Ind. Renewable-front washboard.	844,013	Feb. 12	2297	492	126	2402
Frost and Wood Company. (See Maloney, William, assignor.)						
Fruchte, John F. (See Reppert, Fruchte, and Litterer.)						
Fruin, John L., New York, N. Y. Sanitary T.	849,383	Apr. 9	1534	310	127	2015
Fruin, John L., New York, N. Y. Sanitary T.	860,911	July 23	3997	1096	129	1415
Fry, Charles A. (See White and Fry.)						
Fry, Charles A., New York, N. Y., assignor, by mesne assignments, to Dodge Coal Storage Company, Saugatuck, Conn. Screen for car-dumping apparatus.	843,334	Feb. 5	1013	208-9	126	2046
Fry, Charles A., New York, N. Y., assignor to Dodge Coal Storage Company, Naugatuck, Conn. Storage apparatus for coal, &c.	860,365	July 16	3145	860	129	1104
Fry, Henry E., Dorchester, England. Hydro-electric machine.	875,059	Dec. 31	5649	1178	131	2196
Fry, John B., Bloomington, assignor to I. S. Whitmer, McLean county, Ill. Game apparatus.	867,652	Oct. 8	650	184	130	1532
Fryckberg, William F., assignor of one-half to T. P. Lowry, Philadelphia, Pa. Non-refillable bottle.	848,165	Mar. 26	4915	1073	127	1328
Frydman, Jules, and L. Chambon, Paris, France. Totalizer.	859,057	July 2	1154	308-11	129	392
Frye, Alburney W., Newark, and F. S. Green, Irvington, N. J. Trace-fastener.	848,359	Mar. 26	5310	1158	127	1425
Frye, Alexis E., et al. (See Barnes, George I., assignor.)						
Frye, Charles E., Flora, Ind. Switch.	858,276	June 25	5541	1184	128	3199
Frye, Charles E., Laconia, N. H. Collapsible step.	865,375	Sept. 10	953	274	130	319
Frye, Clara C., Tampa, Fla. Surgical appliance.	847,758	Mar. 19	4103	896	127	1092
Frye, Henry A., New York, N. Y. Suspensory.	860,652	July 23	3608	988	129	1289
Fryer, George G., Syracuse, N. Y. Apparatus for inserting piles.	853,581	May 14	2432	507	128	657
Fucy, Joseph, et al. (See McLane, Joseph A., assignor.)						
Fuchs, Caspar, Meiringen, Switzerland. Marine life-saving apparatus.	867,966	Oct. 15	1192	329	130	1719
Fuchs, Charles G., Jersey City, N. J. Toy.	874,840	Dec. 24	5160	1087	131	2099
Fuchs, Edward J., Scranton, Pa. Making fertilizer from leather scrap.	841,501	Jan. 15	3443	-----	126	968
Fuchs, Edward J., Scranton, Pa. Grit food for fowls.	866,641	Sept. 24	2900	-----	130	998
Fuchs, Emiel R., New York, N. Y. Door-securer.	840,486	Jan. 8	1418	312-13	126	408
Fuchs, Emiel R., New York, N. Y. Door-securer.	843,527	Feb. 5	1384	291	126	2139
Fuchs, Emiel R., New York, N. Y. Door-securer.	870,948	Nov. 12	1729	473-4	131	590
Fuchs, Frederick B., Newark, N. J. Vibrator or massage instrument.	864,528	Aug. 27	3792	1053	129	3359
Fuchs & Lang Manufacturing Co. (See Ford, Albert J., assignor.)						
Fuchs, Nathan, assignor of one-half to O. Olson, Chicago, Ill. Mantle and holder for inverted lamps or gas-burners.	862,816	Aug. 6	1181	318	129	2444
Fuchs, Paul, Baltimore, Md. Marine torch.	842,195	Jan. 29	4847	1034	126	1382
Fuerth, William G., Newark, N. J., assignor to Equilibrator Company. Printing or reproducing apparatus.	851,084	Apr. 23	4740	998	127	2907
Fuerth, William G., assignor to Equilibrator Company, Newark, N. J. Stenciling-machine.	861,102	July 23	4298	1180	129	1512
Fuerth, William G., Newark, N. J., assignor to Equilibrator Company. Stenciling-machine.	867,577	Oct. 8	543	154	130	1499
Fues, Heinrich. (See Brodtauf and Fues.)						
Fuhlendorf, Adolph, and J. Grothe, assignors to W. W. Ramer, New York, N. Y. Ribbon shifting and retaining mechanism.	861,211	July 23	4459	1223	129	1565
Fuhrmann, Franz, assignor to Kirchhoff & Neirath Berlin American Commercial Company, Berlin, Germany. Producing metal peroxides.	861,826	July 30	5451	-----	129	1908
Fuhrmann, Franz, assignor to Kirchhoff & Neirath Berlin American Commercial Company, Berlin, Germany. Making mercury salves and ointments.	871,495	Nov. 19	2845	-----	131	831
Fuld, Manes E., Baltimore, Md. Commutator.	840,451	Jan. 1	1336	296	126	349
Fuld, Manes E., Baltimore, Md. Headlight.	852,265	Apr. 30	7148	1497	127	3545
Fulenwider, Henry L., S. C. and W. G. Bond, assignors to National Cork and Seal Company, Wilmington, Del. Capping bottles.	852,323	Apr. 30	7249	1524	127	3568
Fulford, Peter W., and C. Stecher, Chicago, Ill. Pail-eating machine.	864,529	Aug. 27	3795	1054	129	3306
Fulkerson, James W., Fancy Prairie, Ill. Puzzle.	858,712	July 2	604	158	129	208
Fullagar, Hugh F., and J. F. Bottomley, Newcastle-upon-Tyne, England. Internal-combustion engine of the turbine type.	866,352	Sept. 17	2486	694	130	840
Fullard, William, Plainfield, N. J., and C. M. Donham, Portland, Me. Device for removing static electricity from stock.	854,413	May 21	4118	853	128	1125
Fullenlove Elevator Company. (See Fullenlove, McClellan, assignor.)						
Fullenlove, McClellan, assignor to Fullenlove Elevator Company, Louisville, Ky. Elevator-brake.	856,576	June 11	2252	463	128	2291
Fuller, Albert. (See Hering and Fuller.)						
Fuller, Albert W. (See Pearson, John B., assignor.)						
Fuller, Allen A., and D. K. Carter; said Fuller assignor to J. H. Craig and J. M. Cranford, Jasper, Ala. Stop mechanism for steam-engines.	843,528	Feb. 5	1385	292	126	2139
Fuller, Apollos, Pasadena, Cal. Shoe-tree.	849,894	Apr. 9	2499	515	127	2260
Fuller, Arthur A., assignor to Providence Engineering Works, Providence, R. I. Equalizing-gearing.	841,774	Jan. 22	3981	859	126	1136
Fuller, Carl D., Bourdon, Ind. Railway-switch.	844,014	Feb. 12	2299	492	126	2402
Fuller, Clifford J. (See Burton and Fuller.)						
Fuller, Emory A., Mason, Mich. Extension-table.	868,423	Oct. 15	1896	532	130	1933
Fuller, Frank A., et al. (See Jones Alva D., assignor.)						
Fuller, Frank L., and C. S. Banghart, New York, N. Y. Changeable sign or indicator.	843,268	Feb. 5	895	182	126	2019
Fuller, Gaius C., Cleveland, Ohio. Caster.	871,583	Nov. 19	3023	753	131	861
Fuller, George E., South Hanson, assignor to F. H. Poole, Brockton, Mass. Long-tooth finder for cutters for edge-trimming machines for boots and shoes.	848,097	Mar. 26	4811	1050	127	1302

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Fuller, George R., <i>et al.</i> (See Ralston, William A., assignor.)						
Fuller, Harris, Stockbridge, Ga. Rubber tip and means for securing it.	870,770	Nov. 12	1439	390	131	500
Fuller, Harvey H., Los Angeles, Cal. Two-speed gear for motor-cycles.	865,583	Sept. 10	1295	367	130	422
Fuller, James W., Jr. (See Barnhurst and Fuller.)						
Fuller, James W., Jr. (See Shiner, William C., assignor.)						
Fuller, James W., Jr., Catasauqua, Pa. Pulverizing or grinding mill.	849,779	Apr. 9	2277	467-8	127	2204
Fuller, James W., Jr., Catasauqua, Pa. Pulverizing or grinding mill.	849,780	Apr. 9	2279	468	127	2204
Fuller, James W., Jr., Catasauqua, Pa. Metal ring for pulverizing or grinding mills.	849,781	Apr. 9	2281	469	127	2204
Fuller, James W., Jr., Catasauqua, Pa. Pulverizing or grinding mill.	849,782	Apr. 9	2283	469	127	2204
Fuller, James W., Jr., Catasauqua, Pa. Pulverizing or grinding mill.	852,173	Apr. 30	6988	1458-9	127	3505
Fuller, James W., Jr., Catasauqua, Pa. Pulverizing or grinding mill.	857,932	June 25	4850	1027	128	3021
Fuller, James W., Jr., Catasauqua, Pa. Air-separator for pulverizing and grinding mills.	857,988	June 25	4989	1054	128	3058
Fulton, Louis D. H., Saxonville, Mass. Game apparatus.	854,640	May 21	4535	946	128	1227
Fulton, M Z L, Akron, Ohio. Self-filling fountain-pen.	848,023	Mar. 26	4688	1022	127	1271
Fulton, Menzo R., Greenville, Tex. Fumigator.	860,862	July 23	3914	1073	129	1388
Fulton, Rodolphus, Detroit, Mich. Self-propelled vehicle-truck.	856,242	June 11	1548	324-5	128	2119
Fulton, Silas S., Auburn, Me. Tool-holder.	851,877	Apr. 30	6368	1328-9	127	3348
Fulton, Taylor, <i>et al.</i> (See Fredrick, William, assignor.)						
Fulton, Walter R., Atlanta, Ga. Electric block system for railways.	853,403	May 14	2087	434	128	567
Fullerton, Robert, Des Moines, Iowa. Pneumatic log-saw.	853,350	May 14	2000	414	128	546
Fullerton, Rutherford, Columbus, Ohio. Ice and sleet cutting contact-shoes.	867,358	Oct. 1	205	58-9	130	1375
Füllipp, George A., East McKeesport, Pa. Automatic shut-off valve.	852,174	Apr. 30	6990	1459	127	3505
Fulmer, F. W., <i>et al.</i> (See Dennis, John J., assignor.)						
Fulton, Austin J., Sharon, Pa. Automatic slip-return pipe for blast-furnaces.	860,970	July 23	4100	1123	129	1449
Fulton, Charles W., Paisley, Scotland. Mounting for vehicle-wheels.	860,023	July 16	2644	718-19	129	939
Fulton Company. (See Fulton, Weston M., assignor.)						
Fulton Company. (See Fulton and Brown, assignors.)						
Fulton Furnace Company. (See Fulton, John S. S., assignor.)						
Fulton, John S. S., assignor to Fulton Furnace Company, New York, N. Y. Automatic stoker.	842,878	Feb. 5	72	17	126	1809
Fulton, Joseph H., West Lebanon, Pa. Lamp-burner.	840,926	Jan. 8	2281	501	126	623
Fulton, Louis B., assignor to Chaplin-Fulton Manufacturing Company, Pittsburg, Pa. Fluid-pressure regulator.	845,708	Feb. 26	5927	1252-3	126	3380
Fulton, Louis B., assignor to Chaplin-Fulton Manufacturing Company, Pittsburg, Pa. Fluid-pressure regulator.	863,528	Aug. 13	2248	609	129	2816
Fulton Manufacturing Company. (See Adams, Arthur J., assignor.)						
Fulton, Nellis H., Franklin, Pa. Reference-book holder.	854,414	May 21	4119	854	128	1125
Fulton, Thomas A. and T. H., New York, N. Y. Portable amusement apparatus.	865,584	Sept. 10	1298	367-8	130	423
Fulton, Thomas H. (See Fulton, Thomas A. and T. H.)						
Fulton, Weston M., assignor to Fulton Company, Knoxville, Tenn. Making collapsible and expandable vessels.	846,297	Mar. 5	1141	251	127	289
Fulton, Weston M., assignor to Fulton Company, Knoxville, Tenn. Electric brazing-machine.	853,351	May 14	2002	414-15	128	546
Fulton, Weston M., and J. S. Brown, assignors to Fulton Company, Knoxville, Tenn. Electric welding.	858,507	July 2	253	62	129	91
Fulton, William H. (See Hawley, Green, Fulton, and McElroy.)						
Fulwiler, John W., Fair Play, Mo. Folding crate.	841,319	Jan. 15	3080	666-7	126	871
Funck, Jacob, Rochester, assignor to Judd & Leland Manufacturing Company, Clifton Springs, N. Y. Pneumatic pump.	842,142	Jan. 22	4715	1009	126	1316
Funcke, Robert. (See Mattar and Funcke.)						
Funk, Alexander W., Cleveland, Ohio. Watch-holder.	856,243	June 11	1551	325	128	2120
Funk, Alfred C., and C. E. Mickle, Springfield, Ohio, assignors to International Harvester Company. Clover-buncher.	840,615	Jan. 8	1681	368-9	126	474
Funk, Charles E., Enterprise, Oreg. Variable-speed gear.	840,927	Jan. 8	2282	501	126	623
Funk, Edgar M., Wytheville, Va. Massaging apparatus.	843,674	Feb. 12	1674	355	126	2247
Funk, Henry, Tawas City, Mich. Adjustable platform for tree-sawing devices.	848,360	Mar. 26	5311	1158	127	1425
Funk, Henry M., assignor of two-thirds to J. W. Funk and J. C. Ernst, Hanover, Pa. Centering device for table-leg blanks.	870,354	Nov. 5	762	203	131	250
Funk, Henry W., Hagerstown, Md. Combined folding table and clothes-rack.	861,453	July 30	4885	1339	129	1734
Funk, John W., <i>et al.</i> (See Funk, Henry M., assignor.)						
Funk, Albert H., New York, N. Y. Means for conducting water from car-roofs.	863,709	Aug. 20	2517	694	129	2932
Funkhouser, Jacob O., Hagerstown, Md. Adjustable combination-action for organs.	850,828	Apr. 16	4250	893	127	2745
Funkhouser, Jacob O., Hagerstown, Md. Combination stop-action.	873,364	Dec. 10	2195	458	131	1547
Fur-Wool Company. (See Granville, Arthur, assignor.)						
Furber, Frederick M., Haverhill, Mass. Vending-machine.	840,561	Jan. 8	1577	346	126	447
Furlong, Thomas, St. Louis, Mo. Wheel-rim.	852,175	Apr. 30	6992	1459	127	3505
Furlough, Frank F., Denver, Colo. Excavating-wheeler.	847,057	Mar. 12	2689	591-2	127	711
Furman, Cornelius, Decatur, Ill. Railway-brake.	856,461	June 11	2027	417	128	2242
Furman, Thomas H., Seward, Alaska. Stamp and envelop moistener.	863,599	Aug. 20	2369	648	129	2883
Furru, Ole O., assignor of one-half to E. Cronstedt, St. Paul, Minn. Pump-jack.	855,626	June 4	350	72	128	1783
Furst, Peter, Anderson, Ind. Gas and gasoline engine.	857,455	June 18	3899	829	128	2752
Furst, Samuel W., Williamsport, Pa. Sewing-cabinet.	868,770	Oct. 22	2469	682	130	2140
Fury, Robert H., Baltimore, Md. Target.	858,971	July 2	1039	273	129	355
Fuss, Max, Berlin, Germany, assignor to General Electric Company. Relay for circuit-breakers.	869,359	Oct. 29	3389	932	130	2452
Futrell, J. B., and T. C. Gaskins, Garland, Tex. Fan.	845,626	Feb. 26	5753	1217	126	3336
Fyfe, John M., Waltham, Mass. Tent and hammock support.	851,927	Apr. 30	6475	1350	127	3376
Fyfe, Robert, St. Louis, Mo. Insect-destroyer.	861,963	July 30	5650	1567	129	1969
Fyke, Matthew A., <i>et al.</i> (See Brooke, Arthur O., assignor.)						
Fyock, Ralph M., and S. Stone, Butler, Pa. Automatic train-pipe coupling.	872,174	Nov. 26	4269	1019-20	131	1084
Fyrberg, Andrew, Hopkinton, Mass. Shell-expelling mechanism for firearms.	841,240	Jan. 15	2920	635	126	830
Fyrberg, Andrew, Hopkinton, Mass. Breech-loading gun.	869,967	Nov. 5	129	36-7	131	42
G. A. Gray Company. (See Richter, Ernst, assignor.)						
G. J. Worssam & Son. (See Worssam, Henry J., assignor.)						
G. M. Davis Regulator Company. (See Davis, George C., assignor.)						
G. R. Lynch Manufacturing Company. (See Stover, Frank E., assignor.)						
G. W. J. Murphy Co. (See Murphy, George W. J., assignor.)						
Gaa, Vincent D., assignor to R. W. Stimson, Richmond, Ind. Coupling device.	846,409	Mar. 5	1374	302	127	349
Gaaiikema, William, assignor to Moon Desk Co., Muskegon, Mich. Desk.	851,659	Apr. 30	5922	1238-9	127	3231
Gaara, Halvor, Bø, Norway. Rail-joint.	845,343	Feb. 26	5224	1108-9	126	3206
Gaba, Melvin H., Dayton, Ohio. Window-sash lock.	845,772	Mar. 5	78	16	127	23
Gabasio, Marco, Turin, Italy. Pocket match-box.	857,274	June 18	3561	754	128	2668
Gabbert, Fredrick E., Kelly, Kans. Computing-scale.	852,552	May 7	345	62	128	94
Gabel, Wilbur H., Hazel, S. D. Switchboard for use in telegraph and telephone offices.	861,718	July 30	5273	1450	129	1853
Gable, Benjamin F., St. Louis, Mo. Hook and eye.	840,205	Jan. 1	854	184	126	231

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Gabler, Johannes, Mülhausen, Germany. Shuttle-positioning means for filling-replenishing looms.	870,673	Nov. 12	1270	346	131	447
Gabler, Johannes, and R. Kunz, Mülhausen, Germany. Bobbin-feeding device for weft-replenishing looms.	865,376	Sept. 10	959	275	130	319
Gabriel, George A., assignor to Bleach & Caustic Process Company, New York, N. Y. Electrolytic cell. (Reissue)	12,672	July 16	3554	975	129	1237
Gabrielson, Carl, Springfield, Mass., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	844,446	Feb. 19	3181	686-7	126	2660
Gabrielson, Carl, Springfield, Mass., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	858,713	July 2	604	159-60	129	208
Gabrielson, Carl, assignor to L. C. Smith and Bros. Typewriter Company, Syracuse, N. Y. Type-writing machine.	864,890	Sept. 3	201	56	130	63
Gabrielson, Carl, assignor to L. C. Smith and Bros. Typewriter Company, Syracuse, N. Y. Type-writing machine.	865,694	Sept. 10	1461	413	130	476
Gabrielson, Otto W., assignor of one-third to N. Wester, Issaquah, Wash. Burglar-trap.	866,196	Sept. 17	2241	625	130	761
Gadd, Charles J., Steelton, Pa. Friction-clutch.	857,456	June 18	3900	829	128	2752
Gade, Harald F. (See Hallowell and Gade.)	856,692	June 11	2466	507	128	2352
Gade, Harald F., assignor to Standard Pressed Steel Company, Philadelphia, Pa. Shaft-hanger.	874,062	Dec. 17	3640	764	131	1811
Gade, Harald F., assignor to Standard Pressed Steel Company, Philadelphia, Pa. Shaft-hanger.	874,319	Dec. 17	4142	872	131	1897
Gaebler, Theodore F. (See Burrin and Gaebler.)						
Gaede, Wolfgang, Freiburg, Germany. Means for producing high vacuums.	852,947	May 7	1179	243	128	299
Gaenzle, Paul F., assignor to Gaenzle, Regenfuse & Company, Reading, Pa. Cooking-utensil cover.	840,762	Jan. 8	1953	430	126	542
Gaenzle, Regenfuse & Company. (See Gaenzle, Paul F., assignor.)						
Gaertner, Maurice C., et al. (See Reilly, Bernard T., assignor.)						
Gaeth, Paul, Cleveland, Ohio. Carbureter.	849,538	Apr. 9	1845	375	127	2094
Gaffney, Augustine, assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Apparatus for developing photographic plates.	871,332	Nov. 19	2489	642-3	131	778
Gaffney, Charles F., New York, N. Y. Gas-regulator for burners.	860,459	July 16	3292	900	129	1153
Gagarine, Andrew, St. Petersburg, Russia. Machine to test materials, principally for compression.	857,613	June 25	4224	893	128	2865
Gage, Chancey R., Sioux Falls, S. D. Seed-potato cutter.	845,627	Feb. 26	5754	1218	126	3336
Gage, Charles H., New York, N. Y. Garment-hanger.	846,023	Mar. 5	620	130	127	159
Gage, Daniel W., Cambridge, Mass. Safety-razor.	846,842	Mar. 12	2271	498	127	609
Gage, Daniel W., Cambridge, Mass. Safety-razor.	866,854	Sept. 24	3220	906	130	1105
Gage, La Vaughn P., Denver, Colo. Appliance for maintaining garments in a folded condition.	872,924	Dec. 3	1260	269	131	1366
Gage, Mortimer C., Binghamton, N. Y. Rotating door.	843,141	Feb. 5	619	131	126	1953
Gage, Oscar S., Tecumseh, Okla. Ter. Switch.	847,931	Mar. 19	4474	981	127	1182
Gagedois, Albert, Don, near Anneculin, France. Production of white pulp.	848,361	Mar. 26	5312		127	1425
Gagnan, William. (See Columbus, Charles, assignor.)						
Gagnon, Andrew E., Minneapolis, Minn. Coat-adjuster.	860,653	July 23	3609	989	129	1290
Gagnon, Andrew E., Minneapolis, Minn. Friction-clutch.	860,654	July 23	3610	989	129	1290
Gagnon, Thomas, assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Weighing-scale.	854,285	May 21	3890	802	128	1066
Gaillard, Antonio, Barcelona, Spain. Apparatus for concentrating sulfuric acid.	856,048	June 4	1151	243	128	1984
Gaillard, Antonio, Barcelona, Spain. Apparatus for concentrating sulfuric acid.	859,757	July 9	2215	602	129	771
Gaillard, Gaston, Paris, France. Optical device for use with measuring instruments.	847,058	Mar. 12	2691	592	127	711
Gaines, Albert, Saco, Me. Collar-button.	854,575	May 21	4425	919	128	1200
Gaines, Alfred M., assignor to Capitol Lock-Nut and Washer Company, Columbus, Ohio. Combined nut and bolt fastening.	858,714	July 2	612	160	129	212
Gaines, Alfred M., assignor, by mesne assignments, to Capitol Lock-Nut and Washer Company, Columbus, Ohio. Die.	858,715	July 2	613	160-1	129	212
Gaines, Edward P., assignor of one-half to F. G. Edmiston, Texarkana, Tex. Compound for curing and coloring meat.	863,978	Aug. 20	2926		129	3059
Gaines Roy E., Dale, Ind. Computing yard-measure.	866,125	Sept. 17	2144	596	130	731
Gaines, Wister F., Cross Cut, Tex. Quilting-frame.	843,269	Feb. 5	897	183	126	2019
Gaisman, Henry J., New York, N. Y. Buckle.	846,991	Mar. 12	2554	562	127	679
Gaisman, Henry J., New York, N. Y., assignor to Auto Strop Company. Stropping mechanism for razors.	870,091	Nov. 5	333	94	131	111
Gaither, Charles T., Youngstown, Ohio. Carbureter.	857,275	June 18	3562	754	128	2668
Galatti, Edward. (See Erhart and Galatti.)						
Galbraith, Dennis J., Plainfield, N. J. Valve.	867,578	Oct. 8	546	154	130	1501
Galbraith, George J., assignor to Couch & Seeley Company, Boston, Mass. Electrical drop.	873,307	Dec. 10	2071	432	131	1527
Galbraith, Ulysses G., assignor of one-half to J. D. Donnohue, Sedalia, Mo. Device for securing charts to stringed instruments.	852,407	Apr. 30	7432	1559	127	3614
Gale, Francis G., Waterville, Quebec, Canada. Bed.	840,616	Jan. 8	1684	369	126	475
Gale, Francis G., Waterville, Quebec, Canada. Bedstead.	842,879	Feb. 5	78	18	126	1810
Gale, Francis G., Waterville, Quebec, Canada. Mattress-frame.	844,788	Feb. 19	4137	882	126	2893
Gale, Francis G., Waterville, Quebec, Canada. Mattress-frame.	864,366	Aug. 27	3515	976	129	3269
Gale, Frank. (See Maynard and Gale.)						
Gale, Frederick A. (See Miller, William L., assignor.)						
Gale, Henry W., and T. Croll, Miller, S. D. Chafe-iron.	864,367	Aug. 27	3516	976	129	3270
Gale, Horace B. (See Mundy and Gale.)						
Gale, James M., New York, N. Y. File-sharpening apparatus.	843,082	Feb. 5	495	103	126	1920
Gale, William L., assignor of one-half to W. J. Imorde, Louisville, Ky. Cake-tin support.	841,502	Jan. 15	3444	742	126	968
Galesburg Coulter-Disc Co. (See Gaylord, Arthur C., assignor.)						
Gallagher, Constantine, Richmond, Va. Insulator for electric wires.	861,275	July 30	4587	1253	129	1644
Gallagher, Frederick S., assignor to Forsyth Brothers Company, Chicago, Ill. Draw-bar-centering mechanism.	859,446	July 9	1746	467	129	620
Gallagher, James A., Lancaster, Pa. Shuttle.	870,355	Nov. 5	764	203	131	251
Gallagher Joseph D., Glenridge, N. J. Brake-shoe.	858,067	June 25	5165	1093-4	128	3103
Gallagher, Joseph D., Glenridge, N. J., assignor to E. H. Fallows, trustee, New York, N. Y. Brake-shoe.	871,394	Nov. 19	2628	672	131	794
Gallagher, Patrick, Philadelphia, Pa. Interlocking locking attachment for milk-receptacles.	861,645	July 30	5165	1417	129	1824
Gallagher, Patrick F., assignor of one-half to H. Gordon, Pittsburg, Pa. Ratchet tool-holder.	847,059	Mar. 12	2693	593	127	711
Gallagher, Richard D., Sr., Lamar, Colo. Broom-corn-fiber sorting and sizing machine.	870,280	Nov. 5	636	169-71	131	207
Gallagher Thomas, Butler, Pa. Picture and mirror fastener.	842,645	Jan. 29	5821	1229	126	1623

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Gallagher, Thomas M., Old Orchard, assignor to Scullin Gallagher Iron & Steel Company, St. Louis, Mo. Car-truck.....	849,895	Apr. 9	2501	515-16	127	2261
Gallagher, Thomas M., Old Orchard, assignor to Scullin-Gallagher Iron and Steel Company, St. Louis, Mo. Car-truck.....	872,723	Dec. 3	858	177	131	1302
Gallaher, Tolbert. (See Earthorn and Gallaher.)						
Galland, George, assignor to M. S. Galland, Wilkes-Barre, Pa. Display-form.....	845,403	Feb. 26	5344	1133	126	3234
Galland, Minnie S. (See Galland, George, assignor.)						
Gallant, Luke, Amery, Wis. Automatic railway-gate.....	843,335	Feb. 5	1014	209-10	126	2046
Gallegher, James. (See McGee and Gallegher.)						
Galligan, T. P., <i>et al.</i> (See Thompson, James T., assignor.)						
Gallier, Lawrence M. (See Andrews and Gallier.)						
Gallier, Lawrence M., Plaquemine, La. Filter for eaves-troughs.....	849,674	Apr. 9	2091	430	127	2155
Gallinger, John R., Superior, Wis. Door check and holder.....	845,344	Feb. 26	5226	1109	126	3206
Gallinowsky, Hugo, Cincinnati, Ohio, assignor to L. Elkus, Indianapolis, Ind. Enameling bricks, tiles, and building-blocks.....	859,875	July 9	2399		129	827
Gallot, Louis, assignor to Grand Rapids Show Case Company, Grand Rapids, Mich. Clamp for holding glass plates.....	844,346	Feb. 19	2987	639	126	2613
Galloway Company, William. (See Wilson, Dalton K., assignor.)						
Galloway, William, assignor to William Galloway Company, Waterloo, Iowa. Manure-spreader.....	871,867	Nov. 26	3611	882	131	983
Galloway, William, assignor to William Galloway Company, Waterloo, Iowa. Tire-cleat for traction-wheels.....	871,868	Nov. 26	3612	882	131	983
Gallup, Floyd S., C. Shanahan, F. L. and J. N. Gallup, Hancock, Iowa. Car and railway switch.....	848,590	Mar. 26	5754	1256-7	127	1538
Gallup, Frederick L. (See Gallup, Shanahan, and Gallup.)						
Gallup, Homer S., Waurika, Okla. Ter. Acetylene-gas generator.....	850,148	Apr. 16	2948	617-18	127	2409
Gallup, John N. (See Gallup, Shanahan, and Gallup.)						
Gálocsy, Árpád de, L. de Bánó, and J. Terény, Budapest, Austria-Hungary. Gas-producer.....	855,845	June 4	787	165	128	1893
Gálocsy, Árpád de, L. de Bánó, and J. Terény, Budapest, Austria-Hungary. Gas-producer.....	856,137	June 4	1324	277	128	2027
Galperin, Aaron, Chicago, Ill. Combination-tool.....	843,936	Feb. 12	2167	463-4	126	2370
Galpin, Thomas L. (See Johnson, Joseph H., assignor.)						
Galt, Amos A., Edgar, Nebr. Hame and trace connection.....	871,688	Nov. 19	3208	794	131	892
Galt, Thomas A., Sterling, Ill. Railway-tie.....	841,009	Jan. 8	2437	532	126	661
Galvin, John F., New York, N. Y. Thill-coupling.....	857,340	June 18	3684	779	128	2700
Galwey, John D., Dublin, Ireland, assignor to E. Schreier, London, England. Arrangement for giving movement to automatic numbering mechanisms for printing-machines.....	871,923	Nov. 26	3726	907	131	1001
Galyan, James M., and J. M. Chesnut, Bloomington, Ind. Saw-machine.....	859,211	July 9	1385	368	129	497
Gamache, Cleophas, Barre, Vt. Brush.....	847,060	Mar. 12	2694	593	127	712
Gamage, Harry C., New York, N. Y., assignor, by mesne assignments, to Oil-Bath Lubricator Co. Lubricating device.....	864,778	Sept. 3	18	6	130	8
Gamage, Harry C., New York, N. Y., assignor, by mesne assignments, to Oil-Bath Lubricator Co. Device for securing spindles to shafts.....	864,779	Sept. 3	20	6	130	9
Gamber, John, and O. F. Heer, Washington, Pa. Infant's bed.....	870,426	Nov. 5	834	237-8	131	291
Gamber, William P., and W. A. Pinckney, Stanton, Mich. Building-block.....	861,964	July 30	5651	1567	129	1969
Gambier, Edward V., trustee. (See Terrell, Elah, assignor.)						
Gamble, Austin A., <i>et al.</i> (See Bowman, Homer C., assignor.)						
Gamble, Blake E., (See Drawbaugh and Gamble.)						
Gamble, John, East Liverpool, Ohio. Continuous decorating-kiln.....	846,559	Mar. 12	1694	373-4	127	460
Gamble, John, assignor to G. A. Reach, Philadelphia, Pa. Abdominal guard and supporter.....	849,471	Apr. 9	1694	342	127	2056
Gamble, John, and G. M. Smith, assignors to G. A. Reach, Philadelphia, Pa. Catcher's mask.....	861,170	July 23	4389	1204	129	1542
Gamel, John C., G. L. Willis, and H. E. Bonner, Hubbard, Tex. Hay-press.....	863,374	Aug. 13	2035	549-50	129	2752
Gamer, Charles, Fort Worth, Tex. Gas-producer.....	873,037	Dec. 10	1540	322-3	131	1439
Gamewell Fire Alarm Telegraph Company. (See Berst, Charles, assignor.)						
Gamewell Fire-Alarm Telegraph Company. (See Cole, Frederick W., assignor.)						
Gaminara, Ernest. (See Mein and Gaminara.)						
Gammeter, Harry C., Cleveland, Ohio. Tubular structural member.....	870,356	Nov. 5	765	204	131	251
Gammeter, Harry C., assignor to American Multigraph Company, Cleveland, Ohio. Feeding mechanism for printing-machines.....	846,992	Mar. 12	2556	562-3	127	680
Gammeter, Harry C., assignor to American Multigraph Co., Cleveland, Ohio. Duplicating-machine. (Reissue).....	12,622	Mar. 19	4621	1012	127	1214
Gammon, John F., <i>et al.</i> (See Gooch, Phillip W., assignor.)						
Gamon, Ernest E., assignor to Neptune Meter Company, Long Island City, N. Y. Water-meter.....	854,882	May 28	5075	1055-6	128	1395
Gamon, Ernest E., assignor to Neptune Meter Company, Long Island City, N. Y. Disk meter.....	856,244	June 11	1552	325-6	128	2120
Gamon, Ernest E., assignor to Neptune Meter Company, Long Island City, N. Y. Bearing for water-meters.....	856,245	June 11	1556	326	128	2121
Gamon, Ernest E., assignor to Neptune Meter Company, Long Island City, N. Y. Nut-ring.....	856,246	June 11	1557	326	128	2121
Gamston, George, and H. Coward, Philadelphia, Pa. Carpet-cutter.....	840,928	Jan. 8	2284	501	126	624
Gamwell, Charles. (See Gamwell, Harry and C.)						
Gamwell, Harry and C., Liverpool, England. Prepayment-meter.....	872,504	Dec. 3	391	82	131	1229
Gancher, Abraham I., New York, N. Y., and A. T. Zabriskie, Passaic, N. J., assignors to Automatic Adding Machine Company, New York, N. Y. Adding-machine.....	847,759	Mar. 19	4105	896-7	127	1092
Gangelhoff, Charles H., and M. Jordan, Minneapolis, Minn. Machine for covering wooden rails for bed-springs with metal.....	857,799	June 25	4593	973	128	2958
Gannon, Thomas H., Springfield, Ohio. Yieldable gearing.....	865,486	Sept. 10	1134	321	130	372
Gano, George W., Cincinnati, Ohio. Basin-fixture.....	857,989	June 25	4991	1095	128	3058
Gano, Elijah, Sloan, Iowa. Hinge.....	863,710	Aug. 20	2518	695	129	2932
Gans, Louis, Los Angeles, Cal. Apparatus for separating chaff from coffee.....	849,225	Apr. 2	1227	249	127	1902
Gantt, James T., Macon, Ga. Fertilizer-distributor.....	866,455	Sept. 17	2619	732	130	893
Gantt, James T., Macon, Ga. Planter.....	869,078	Oct. 22	2943	810	130	2287
Ganzhorn, Philip, Chicago, Ill. Surgical appliance.....	871,689	Nov. 19	3210	795	131	893
Gapp, John, Scranton, Pa. Pipe-expanding tool.....	841,388	Jan. 15	3222	694-5	126	908
Garanger, Maurice. (See Sulzer, Garanger, and Dey.)						
Garantol-Gesellschaft M. B. H. (See Utescher, Ernst, assignor.)						
Garbe, William F., assignor of one-half to J. J. Piatt and V. A. Babbitt, Fort Collins, Colo. Head-gate.....	853,168	May 7	1588	330	128	401
Garber, Daniel H., Indianapolis, Ind. Device for pulling electric cable and wire.....	864,530	Aug. 27	3801	1055	129	3362
Garber, David. (See Ross, George H. D., assignor.)						
Garber, David, Levering, Mich. Bed-spring.....	849,118	Apr. 2	1023	207	127	1849
Garber, John P., Ridley Park, Pa. School-desk.....	841,775	Jan. 22	3982	830	126	1136

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Garbin, Ernesto, Genoa, Italy. Apparatus for utilizing the waste of celluloid and similar substances	874,181	Dec. 17	3849	811-12	131	1850
Garbutt, Harland, Seamer, England. Churn	845,940	Mar. 5	445	91	127	115
Garcia, Joseph, Brooklyn, N. Y. Fiber-cleaning machine	858,337	June 25	5649	1209	128	3226
Garcia, Joseph, Brooklyn, N. Y. Fiber-cleaning machine	858,338	June 25	5652	1210	128	3226
Garcia, Joseph, Brooklyn, N. Y. Mechanical movement	859,447	July 9	1748	467	129	620
Gard, George W., Peckville, Pa. Railway-frog guard	858,593	July 2	401	104	129	143
Gard, John J., Harvey, assignor to Buda Foundry & Manufacturing Company, Chicago, Ill. Switch and semaphore mechanism	856,523	June 11	2134	438	128	2267
Garda, Henry. (See Bosshardt, Edwin, assignor.)						
Garden City Fan Company. (See Green, William W., assignor.)						
Garden City Laboratory. (See Lanigan, Oscar J., assignor.)						
Garden, Ernest D. R., Tarrytown, N. Y. Artificial teeth	852,266	Apr. 30	7149	1497	127	3545
Gardner, Charles G. (See Kloetzer and Borders, assignors.)						
Gardner, Emmet V. R., Ridgebury, N. Y. Fly-paper	862,467	Aug. 6	613	163	129	2280
Gardner, Henry D., New Haven, Conn. Balance-wheel for clocks	850,920	Apr. 23	4446	930	127	2835
Gardner, Thomas M., et al. (See Matthews, Francis I., assignor.)						
Gardner, William, assignor to C. P. Stringfield, Chicago, Ill. Storage battery	860,291	July 16	3027	829	129	1065
Gardner, William, assignor to C. P. Stringfield, Chicago, Ill. Storage battery	864,297	Aug. 27	3412	948-9	129	3237
Gardner, William, assignor, by mesne assignments, to Commercial Storage Battery Co., Chicago, Ill. Storage-battery plate	874,841	Dec. 24	5160	1087	131	2099
Gardner, William C., Aberdeen, Scotland. Reversing steam-turbine	854,482	May 21	4246	878-9	128	1156
Gardner, Alfred A. (See Appleby and Gardner.)						
Gardner, Allyn A., Baltimore, Md. Cutting apparatus	843,142	Feb. 5	621	131	126	1953
Gardner, Archibald M., assignor of one-half to G. T. Cottingham, Sibley, Iowa. Metallic railway-tie and rail-fastener	859,809	July 9	2289	623	129	795
Gardner, Charles L., Peoria, Ill. Automatic weigher	863,979	Aug. 20	2927	806	129	3059
Gardner, Edward, et al. (See Swing and Graner, assignors.)						
Gardner, Edwin L., Logan, Utah. Desk	842,780	Jan. 29	6129	1293	126	1707
Gardner, Frank, Paris, France. Controlling device for rudders	864,240	Aug. 27	3328	921-2	129	3212
Gardner, Frank B., and J. E. Grosjean, assignors to Humane Horseshoe Co., Lima, Ohio. Horseshoe	859,758	July 9	2217	603	129	771
Gardner, Frank B., J. E. Grosjean, and T. C. Pennell, assignors to Humane Horseshoe Co., Lima, Ohio. Horseshoe	859,810	July 9	2291	623	129	795
Gardner, George, Yarraville, Victoria, Australia. Can-body forming and soldering machine	867,030	Sept. 24	3494	989-92	130	1190
Gardner, George C., Chicago, Ill. Hinge	862,550	Aug. 6	769	205	129	2322
Gardner, George W., San Francisco, Cal. Fuel-feeding device	870,230	Nov. 5	563	151	131	184
Gardner, Herbert W., Detroit, assignor to National Device Co., Kalamazoo, Mich. Advertising device	968,542	Oct. 15	2087	583	130	1993
Gardner, Harry B. (See Slaybaugh, Eli H., assignor.)						
Gardner, Howard S., Cape May, N. J. Building structure	865,336	Sept. 3	886	254-5	130	268
Gardner, James S., assignor of one-half to J. W. Dismukes, Java, Ala. Seed-planter	851,741	Apr. 30	6091	1273	127	3275
Gardner, James W., Jarratt, Va. Girth	852,059	Apr. 30	6779	1411	127	3452
Gardner, John H., Newport, R. I. Valve apparatus	862,551	Aug. 6	770	205-6	129	2322
Gardner, Joshua G., Lake Butler, Fla. Extracting-retort	856,049	June 4	1153	243	128	1984
Gardner, Kirtland C., assignor of one-half to United Engineering & Foundry Company, Pittsburg, Pa. Metal-transfer apparatus	864,762	Aug. 27	4162	1155-6	129	3471
Gardner, Kirtland C., and F. C. Biggett, Jr., assignors to United Engineering & Foundry Company, Pittsburg, Pa. Straightening and bending machine	846,463	Mar. 12	1503	334	127	410
Gardner, Lambert H., Cambridge, Mass. Bending-machine	844,789	Feb. 19	4139	882	126	2893
Gardner, Marshall B., Aurora, assignor to S. Florsheim & Son, Chicago, Ill. Garment-clasp	863,600	Aug. 20	2370	648	129	2883
Gardner, Nancy A. (See Adler, Harris B., assignor.)						
Gardner, Raymond A., Los Angeles, Cal. Caisson-dredger	852,713	May 7	683	133	128	179
Gardner, Robert J. (See Fownes and Gardner.)						
Gardner, Roland, Cleveland, Ohio. Abrasive wheel	870,231	Nov. 5	565	151	131	185
Gardner, Sidney H., Bellingham, Wash. Level	871,924	Nov. 26	3729	908	131	1001
Gardner, William A. (See Schroyer, Charles A., assignor.)						
Gardner, William H., Grand Rapids, Mich. Horse-hitching device	861,585	July 30	5075	1392	129	1796
Gardner, William H., Basic City, Va., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Crusher and pulverizer	845,171	Feb. 26	4881	1035	126	3121
Gardy, Henry D., Philadelphia, Pa. Massage implement	873,123	Dec. 10	1713	357	131	1468
Gare, Thomas, New Brighton, England. Vehicle-tire	847,466	Mar. 19	3502	766	127	942
Gare, Thomas, New Brighton, England. Resilient wheel	854,286	May 21	3891	802	128	1067
Gareis, Anton, and E., Vienna, Austria-Hungary. Life-belt	851,740	Apr. 30	6090	1273	127	3275
Gareis, Emily. (See Gareis, Anton and E.)						
Garfield, Julius D., Springfield, Mass. Shading-hood for cameras	843,449	Feb. 5	1200	253	126	2091
Garford Company. (See Sherwin, John, assignor.)						
Gargett, George L., Alma, Mich. Fence-post	870,554	Nov. 12	1073	292	131	379
Garisto, Theodore, West Hoboken, N. J. Salvage-forming attachment for looms	843,884	Feb. 12	2060	441	126	2383
Garl, Manious, Akron, Ohio. Fire-alarm-telegraph system	867,494	Oct. 1	398	114	130	1437
Garland, Atva. (See Kinard, John M., assignor.)						
Garland, Charles L., Sydney, G. Proudfoot and M. Bowen, Belmain, near Sydney, assignors to Empire Inventions Company Limited, Sydney, New South Wales, Australia. Fire-escape	848,235	Mar. 26	5041	1101-2	127	1361
Garland, Claude M., Urbana, Ill. Dynamometer	854,996	May 28	5282	1098	128	1447
Garland Co., M. (See Garland, Harrison W., assignor.)						
Garland, George D., Chicago, Ill., assignor, by mesne assignments, to U. S. Gas Machine Co. Carbureter	865,980	Sept. 10	1922	539	130	632
Garland, Harrison W., assignor to M. Garland Co., Bay City, Mich. Saw-guide	843,336	Feb. 5	1018	210	126	2047
Garland, Michael, Bay City, Mich. Conveyor-chain	850,149	Apr. 16	2950	618	127	2409
Garland, Thomas H., Chicago, Ill. Car-ventilator. (Reissue)	12,729	Dec. 3	1455	302-3	131	1393
Garland, Thomas H., Chicago, Ill. Car-ventilator	874,320	Dec. 17	4145	872	131	1897
Garland-Vila Manufacturing Company. (See Paige, James W., assignor.)						
Garland, William H. (See Williams and Garland.)						
Garland, William H., assignor of one-half to R. M. Havens, Kansas City, Mo. Loose-leaf book	867,815	Oct. 8	904	256	130	1609
Garlick, Fred W., et al. (See Wheeler, Orrin A., assignor.)						
Garlick, John R., Readstown, Wis. Photoplate-holder	846,298	Mar. 5	1143	252	127	289
Garlits, William A., and T. Woodard, Caldwell, Kans. Adjustable straw-rack	841,857	Jan. 22	4158	896	126	1184
Garlock, Olin J., Palmyra, N. Y. Rod-packing	852,714	May 7	687	133	128	180
Garlock, Olin J., Palmyra, N. Y. Rod-packing	854,287	May 21	3892	802	128	1067
Garlock, Olin J., Palmyra, N. Y. Rod-packing	862,899	Aug. 13	1304	354	129	2517
Garlock, Olin J., assignor to Garlock Packing Company, Palmyra, N. Y. Rod-packing	875,574	Dec. 31	6637	1389	131	2359
Garlock Packing Company. (See Garlock, Olin J., assignor.)						
Garin, Louis, Redcliff, Colorado. Meat-holder	864,729	Aug. 27	4118	1144	129	3458

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Garman, Adrian S. (See Werner, Emil, assignor.)						
Garman, Raymond H., Chicago, Ill. Booklet or folder	841,241	Jan. 15	2921	635	126	830
Garman, Raymond H., Chicago, Ill. Painting-book	870,771	Nov. 12	1440	390	131	500
Garmisa, George. (See Herdrich and Garmisa.)						
Garmon, George W. (See Beaumont and Garmon.)						
Garner, Charles E., Lansing, Mich. Furnace	858,169	June 25	5360	1139	128	3152
Garner, Emanuel, Stockport, England. Apparatus for blocking hats	863,375	Aug. 13	2037	550	129	2753
Garner, Ernest P., Drapersville, Va. Vending-machine	864,368	Aug. 27	3517	976-7	129	3270
Garner, Isaac T., Calera, Ala. Spectacles	868,857	Oct. 22	2605	720	130	2180
Garner, James G., Chicago, Ill. Ventilating apparatus	849,061	Apr. 2	896	184	127	1816
Garner, John L., Washington, D. C. Revolver	844,671	Feb. 19	3886	822	126	2827
Garnett, James, <i>et al.</i> (See Eubank, Samuel F., assignor.)						
Garnett, William B., assignor of one-half to F. H. Crawford, Tonkawa, Okla. Ter. Receptacle for holding and dispensing liquid soap	866,126	Sept. 17	2145	596	130	731
Garnier, Emile. (See Hart, James, assignor.)						
Garny, George, Rochester, N. Y. Paper-file	874,758	Dec. 24	5021	1058	131	2073
Garrard, Charles G., assignor to Edison-Bell Consolidated Phonograph Company Limited, London, England. Phonograph, graphophone, &c	861,827	July 30	5452	1502	129	1908
Garratt, Matthew, Passaic, N. J. Screw-driver	862,244	Aug. 6	221	60	129	2151
Garrecht, Charles L., New York, N. Y. Painter's striping and stenciling wheel	840,308	Jan. 1	1042	228	126	279
Garrecht, Frederick, Idaho City, Idaho. Can-opener	848,456	Mar. 26	5497	1197	127	1473
Garred, Ulysses A., Anaconda, Mont. Sample-mixer	849,540	Apr. 9	1848	376	127	2095
Garred, Ulysses A., assignor to Anaconda Copper Mining Company, Anaconda, Mont. Cable conveyer	841,858	Jan. 22	4160	896-7	126	1184
Garred, Ulysses A., assignor to C. H. Repath, Anaconda, Mont. Twyer construction	849,539	Apr. 9	1847	375	127	2095
Garrels, William L., St. Louis, and C. Kimball, Kirkwood, Mo. Vapor-burner for motor-vehicles	844,511	Feb. 19	3323	715-16	126	2696
Garret, Jean, Pittsburg, Pa. Ironing-table	867,816	Oct. 8	906	257	130	1610
Garret, Jean, Pittsburg, Pa. Curtain support and hanger	873,038	Dec. 10	1542	323	131	1440
Garret, Jean, Pittsburg, Pa. Tracing implement	874,583	Dec. 24	4673	982	131	2015
Garretson, Eugene, Buffalo, N. Y. Signaling system	852,502	May 7	246	45	128	70
Garrett, Charles A., assignor to Stokes & Smith Company, Philadelphia, Pa. Cover-applying element for box-covering machines	872,925	Dec. 3	1262	270	131	1366
Garrett, Charles B., assignor to Globe Automatic Sprinkler Company, Minneapolis, Minn. Dry-pipe valve	865,880	Sept. 10	1763	491	130	582
Garrett-Cromwell Engineering Company. (See Cromwell, John C., assignor.)						
Garrett-Cromwell Engineering Company. (See Cromwell and Lash, assignors.)						
Garrett, Frank W., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Support for railway motor-cables	844,790	Feb. 19	4142	882-3	126	2894
Garrett, Frank W., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Brush-holder	849,120	Apr. 2	1025	207	127	1850
Garrett, Frank W., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Controller	870,555	Nov. 12	1073	292	131	379
Garrett, George S., Lansdowne, assignor to American Water Softener Company, Philadelphia, Pa. Feed-water purifier	854,160	May 21	3646	754-5	128	1000
Garrett, John N., <i>et al.</i> (See Johns, Frank J., assignor.)						
Garrett, John W., Creston, Iowa. Apparatus for suspending and displaying lace curtains, &c	867,195	Sept. 24	3764	1063	130	1274
Garrett, Myers A. (See Van Dyke, John, assignor.)						
Garrett, Myers A., Chicago, Ill., assignor to Farlow Draft Gear Company, Baltimore, Md. Draft and buffing gear or rigging for cars. (Reissue)	12,587	Jan. 8	2630	575	126	713
Garrett, Thomas P., Westcliffe, Colo. Leather preserving and finishing compound	865,881	Sept. 10	1766	492	130	583
Garrett, William B., Ashton, Ill. Valve-controlling mechanism	869,207	Oct. 22	3128	861	130	2344
Garrett, William B., Ashton, assignor of one-half to F. E. Dresser and A. B. Elmer, Rochelle, Ill. Electric sign	849,226	Apr. 2	1229	250	127	1902
Garrett, William N., Amherst, Nova Scotia, Canada, assignor of one-half to H. H. Robertson, Canton, Mass. Car-roof	870,721	Nov. 12	1348	368	131	473
Garrett, John E., Indianapolis, Ind., assignor of two-thirds to W. C. Witz and W. H. Lueders, Cincinnati, Ohio. Combination amusement vehicle and boat	865,882	Sept. 10	1766	492	130	583
Garrison, John, New York, N. Y. Coffee and tea flask	846,299	Mar. 5	1145	252	127	290
Garrison, Aurelius J., Greenville, Va. Axle-nut lock	852,176	Apr. 30	6992	1459	127	3506
Garrison, A. J., and A. A. Bosserman, Greenville, Va. Nut-lock	842,880	Feb. 5	79	18	126	1811
Garrison, Daniel E., <i>et al.</i> (See Cunningham, Andrew O., assignor.)						
Garrison, George C., Pittsburg, Pa. Manufacturing sheet-metal characters	862,629	Aug. 6	888	238	129	2360
Garrison, George H., Olympia, Wash., and W. A. Hillis, Portland, Ore. Gun-sight	873,535	Dec. 10	2521	532	131	1604
Garrison, Thomas L., Cooper, Tex. Knockdown seat	861,454	July 30	4886	1340	129	1734
Garrison, William T., Columbia, Pa. Dumping-wagon	852,060	Apr. 30	6780	1411	127	3452
Garrity, John. (See Cleary and Garrity.)						
Garroway, James R., Glasgow, Scotland. Purifying pyroligneous acid	844,860	Feb. 19	4271	.....	126	2926
Garside, Irad L., assignor to Garside Manufacturing Company, Paterson, N. J. Blind-adjuster	844,118	Feb. 12	2488	535	126	2448
Garside, John R. (See Small and Campbell, assignors.)						
Garside Manufacturing Company. (See Garside, Irad L., assignor.)						
Garson, Isaac H., Rochester, N. Y., assignor to Garson Vending Machine Company. Cigar-vending machine	841,083	Jan. 8	2594	568-9	126	704
Garson, Isaac H., Rochester, N. Y., assignor to Garson Vending Machine Company. Cigar-vending machine	842,143	Jan. 22	4717	1009-10	126	1316
Garson Vending Machine Company. (See Garson, Isaac H., assignor.)						
Garst, Dudley. (See Litchfield and Garst.)						
Garst, Stephen H., Detroit, Mich. Heating apparatus	843,083	Feb. 5	497	104	126	1920
Garst, Stephen H., Detroit, Mich. Harrow	851,085	Apr. 23	4743	998	127	2908
Gartenberg, Abraham. (See Ginaca, Henry G., assignor.)						
Gartley, William H., assignor to United Gas Improvement Company, Philadelphia, Pa. Preparing illuminating-gas	868,603	Oct. 15	2196	612	130	2031
Gartrell, Sterne H., and W. E. Middleton, Kansas City, Mo. Cement facing for floors	858,448	July 2	129	34	129	43
Gartshore, Matthew W., assignor to Parish Manufacturing Company, Reading, Pa. Automobile frame member	875,254	Dec. 31	6021	1255	131	2259
Garver, Albert. (See Hare, William W. and H. H., assignors.)						
Garver, Allen J., assignor to himself and J. McAssey, Clarkston, Wash. Ore-roaster	869,360	Oct. 29	3390	932	130	2452
Garver, Charles, Fort Wayne, Ind. Automatic wagon-brake	856,693	June 11	2467	507	128	2352
Garver, Martin V., Bryan, Ohio. Wheelbarrow-axle	849,119	Apr. 2	1024	207	127	1850
Garvey, Christopher A. (See Garvey, Edward A. and C. A.)						
Garvey, Edward A. and C. A., St. Louis, Mo. Fountain marking and stencil brush	862,630	Aug. 6	889	238	129	2360
Garvey, Edward A. and C. A., St. Louis, Mo. Fountain marking and stencil brush	875,422	Dec. 31	6353	1324	131	2311
Garvin, Columbus, Marion, Ohio. Thread-holder	864,161	Aug. 27	3211	889	129	3174
Gary, William H., Terrell, Fla. Wrench	859,173	July 2	1327	353	129	447

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Garza, Hildebrando, Monterey, Mexico. Bicycle.....	850,746	Apr. 16	4100	858	127	2706
Gas Bench Construction Company. (See Hamlink, Lazrby C., assignor.)						
Gascard, Jules, and R. Shimmén, Ballan, Victoria, Australia. Machine for grading and cleaning potatoes, onions, and other products.....	874,321	Dec. 17	4147	873	131	1897
Gash, John L., Elmer, Mo. Reversible mail-bag catcher and deliverer.....	847,661	Mar. 19	3906	853	127	1047
Gaskell, William, and T. Vale, Fayette City, Pa. Hat-pin.....	857,614	June 25	4226	893	128	2865
Gaskill, William H., assignor to S. W. Evans & Son, Philadelphia, Pa. Umbrella runner and tip-cup.....	859,651	July 9	2067	558	129	723
Gaskill, William H., assignor to S. W. Evans & Son, Philadelphia, Pa. Umbrella tip-cup.....	859,652	July 9	2069	559	129	723
Gaskins, Claude H., and W. H. Keiser, Shamokin, Pa. Hook and eye.....	875,255	Dec. 31	6022	1256	131	2259
Gaskins, Thomas C. (See Futrell and Gaskins.)						
Gasman, George A., and J. T. Lynch, assignors to Time Marking Machine Company, Chicago, Ill. Pick-up table for mail-matter.....	857,990	June 25	4992	1055	128	3059
Gaspar, Charles. (See Booth and Gaspar.)						
Gasque, Baker F., Dillon S. C. Broom-shield.....	857,615	June 25	4227	894	128	2866
Gass, Joseph, Portland, Oreg. Animal-trap.....	840,206	Jan. 1	855	185	126	232
Gass, Levin D. (See Collord, Rohe, and Gass.)						
Gass, South W., Evert, Mich. Manifold-pad.....	854,483	May 21	4250	879	128	1157
Gasser, Otto, Magdeburg, Germany. Napkin-holder.....	859,653	July 9	2069	559	129	723
Gassett, John N., Laurin, Mont. Bomb for coyotes.....	848,544	Mar. 26	5642	1236	127	1508
Gassett, Oscar, Boston, Mass. Oil-engine.....	875,256	Dec. 31	6023	1256	131	2259
Gast, Albert C., St. Joseph, Mich. Machine for trimming window-shades.....	863,601	Aug. 20	2371	648-9	129	2884
Gast, Albert C., St. Joseph, Mich. Cigar-cutter.....	873,365	Dec. 10	2200	458	131	1547
Gast, Jacob, Jr. (See Gast, Louis B. and J., Jr.)						
Gast, Louis B. and J., Jr., Akron, Ohio. Vehicle-rim.....	864,841	Sept. 3	125	34	130	39
Gasteiger, Louis D. (See Mooney, William T., assignor.)						
Gaston, Alanson D., Washington, D. C. Nut and screw-bolt lock.....	875,168	Dec. 31	5854	1222	131	2230
Gaston, Mary L., New York, N. Y. Garment-supporter.....	842,541	Jan. 29	5600	1185	126	1578
Gaston, Mary L., New York, N. Y., and H. E. Moore, Plainfield, N. J. Collar-supporter.....	843,885	Feb. 12	2061	441	126	2343
Gaston, Mary L., New York, N. Y., and H. E. Moore, Plainfield, N. J. Collar-supporter.....	843,886	Feb. 12	2062	442	126	2343
Gaston, Nathan A., Gulfport, Miss. Cotton-picker.....	869,703	Oct. 29	3941	1036	130	2619
Gastonguay, Arthur, St. André de Restigouche, Quebec, Canada. Baling-press.....	869,561	Oct. 29	3724	1020	130	2556
Gaspzer, John, Cleveland, Ohio. Car-coupling.....	840,126	Jan. 1	691	147	126	189
Gatchell, George S., Elizabeth, N. J., assignor to Singer Manufacturing Company. Sewing-machine hemmer.....	845,404	Feb. 26	5346	1134	126	3235
Gate City Horse Collar Company. (See Estes, William B., assignor.)						
Gately, John H., Bellows Falls, Vt. Winding-core.....	866,353	Sept. 17	2489	69	130	841
Gateman, William, Manitowoc, Wis. Bunching device for windrowing attachments.....	874,399	Dec. 24	4303	906	131	1955
Gateman, William, Manitowoc, Wis. Surgical instrument.....	874,495	Dec. 24	4451	944	131	1986
Gates, Albert J., assignor to Allis-Chalmers Company, Chicago, Ill. Feed means for traction-elevators.....	867,495	Oct. 1	399	114	130	1437
Gates, Carroll E., New York, N. Y., assignor to P. H. Fowler, East Orange, N. J. Syrup-dispensing apparatus.....	847,760	Mar. 19	4108	827	127	1093
Gates, Daniel F., Crofton, Ky. Pipe-wrench.....	861,719	July 30	5274	1451	129	1854
Gates, Elmer, Chevy Chase, Md., assignor, by mesne assignments, to Washington Loan & Trust Company. Apparatus for separating gold from magnetic sands.....	854,997	May 28	5285	1098-9	128	1448
Gates, Horatio, Worcester, Mass. Bottle-guide for labeling-machines.....	861,455	July 30	4588	1340	129	1734
Gates, John W., Los Angeles, Cal. Animal-trap.....	871,794	Nov. 26	3431	842	131	957
Gates, Louis W., West Haven, assignor of one-half to C. Sholl, New Haven, Conn. Tapping-valve.....	871,989	Nov. 26	3893	939	131	1023
Gates, Michael, Decatur, Mich. Horseshoe.....	858,805	July 2	779	203-4	129	273
Gates, Silas E., Bigtimber, Mont. Halter.....	875,257	Dec. 31	6025	1257	131	2259
Gates, Virgil A., Charleston, W. Va. Wheelbarrow.....	871,925	Nov. 26	3730	908	131	1002
Gates, Walter S. (See Dow, Gates, and Schaefer.)	872,926	Dec. 3	1265	270	131	1366
Gates, Walter S., and H. H. Dow, Midland, Mich., assignors, by mesne assignments, to Ontario Nickel Company, Limited, Worthington, Canada. Rendering soluble in water the nickel and copper contained in sulfid ores and mattes.....	874,496	Dec. 24	4482	.....	131	1986
Gates, William H., Norwich, Conn. Magazine-gun.....	840,309	Jan. 1	1044	228-9	126	279
Gates, William H., Norwich, Conn. Screw-machine.....	851,742	Apr. 30	6092	1273-4	127	3276
Gates, William T., Aubrey, Tex. Safety-signal-board attachment.....	845,076	Feb. 26	4680	994	126	3068
Gatewood, William F., et al. (See Boyce, Warren E., assignor.)						
Gatewood, William F., Pierce City, assignor of two-thirds to E. P. Lampkin, St. Louis, and W. W. Locke, Pierce City, Mo. Printing mechanism for adding-machines.....	875,343	Dec. 31	6206	1294-5	131	2285
Gatewood, William F., Pierce City, assignor of one-third to E. P. Lampkin, St. Louis, and W. W. Locke, Pierce City, Mo. Adding-machine.....	875,423	Dec. 31	6355	1324-6	131	2311
Gathmann, Emil. (See Gathmann, Louis, assignor.)						
Gathmann, Emil, Bethlehem, Pa. Armor-plate.....	848,024	Mar. 26	4690	1022-3	127	1271
Gathmann, Emil A. (See Meigs and Gathmann.)						
Gathmann, Louis, Washington, D. C., assignor of one-fourth to E. Gathmann, Bethlehem, Pa. Air-propeller for flying-machines.....	871,926	Nov. 26	3731	909	131	1002
Gatti, Riccardo, New York, N. Y. Non-refillable bottle.....	845,541	Feb. 26	5609	1188	126	3302
Gatti, Tonny C., Seranton, Miss. Spike-puller.....	855,564	June 4	229	45	128	1754
Gatzert, Abraham N. (See Berens, Stanislaus, assignor.)						
Gauch, Orlando S., assignor to Shelby Printing Company, Shelby, Ohio. Press.....	852,429	May 7	39	8	128	13
Gaudin, Felix, Nantes, France. Safety-valve.....	860,797	July 23	3823	1048	129	1358
Gaudron, Edward N., assignor to W. Dixon, Newark, N. J. Buffing and polishing brush.....	865,098	Sept. 3	520	143	130	157
Gauld, Chester A., Hamilton, Ontario, Canada. Vehicle-wheel.....	849,062	Apr. 2	901	184	127	1817
Gault, Charles A. (See O'Brien, Alexander J., assignor.)						
Gault, James H., Philadelphia, Pa. Universal joint for shafts or sections of shafts.....	849,384	Apr. 9	1535	310	127	2016
Gault, John H., Philadelphia, Pa. Insulating handle connection.....	841,138	Jan. 15	2728	595	126	783
Gault, John H., Philadelphia, Pa., assignor to International Silver Company. Forming seamless metallic hollow vessels.....	857,616	June 25	4228	894	128	2866
Gaume, August, et al. (See Perrey, Edward J., assignor.)						
Gaume, Victor, et al. (See Perrey, Edward J., assignor.)						
Gaunt, Robert F., St. Louis, Mo. Self-locking switch-operating mechanism.....	842,646	Jan. 29	5822	1229	126	1633
Gaus, Wilhelm. (See Schönherr and Gaus.)						
Gause, Carl, and P. Conrady, Berlin, Germany. Closing device.....	858,594	July 2	402	104	129	144
Gauss, Lewis T., Rochester, N. Y. Drill-chuck.....	845,773	Mar. 5	80	16	127	24
Gaussiran, Jules B., Baldwin, La. Cane-loader.....	852,267	Apr. 30	7150	1497-8	127	3545
Gauthier, Emile, and C. Rodrigues-Ely, Paris, France. Apparatus for perforating and cutting metals.....	874,666	Dec. 24	4835	1015	131	2043
Gautier, Gustave, assignor to Grand Rapids Show Case Company, Grand Rapids, Mich. Article-support for wardrobes.....	844,447	Feb. 19	3182	687	126	2661
Gautier, Gustave, deceased; L. Rémond, administrator, assignor to Grand Rapids Show Case Company, Grand Rapids, Mich. Electric-light bracket.....	860,059	July 16	2698	734	129	957

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Gauvin, Camille, H. Cartier, Brussels, Belgium, and E. Brunel, Paris, France. Automatic weighing device.	863,529	Aug. 13	2249	609-10	129	2816
Gauvin, L. Hormidas, <i>et al.</i> (See Martineau, Albert, assignor.)						
Gauvin, Napoleon, <i>et al.</i> (See Martineau, Albert, assignor.)						
Gawron, Josef. (See Gawron, Rudolf and J.)						
Gawron, Rudolf, Greifswald, and J. Gawron, Schöneberg, near Berlin, Germany. Friction-gearing.	863,376	Aug. 13	2037	551	129	2753
Gay, Cassius M., Allegheny, Pa. Gas-explosive device and compressor for reversible engines.	841,859	Jan. 22	4163	897	126	1185
Gay, George E., Malden, Mass., assignor to Linen Thread Company, New York, N. Y. Spool and thread package.	866,855	Sept. 24	3222	906	130	1106
Gay, George E., Malden, Mass., assignor to Linen Thread Company, New York, N. Y. Loom.	869,892	Nov. 5	30	9	131	12
Gay, John H., Argyle, Ga. Gate-valve.	847,932	Mar. 19	4476	981-2	127	1182
Gay, John T., Binghamton, N. Y. Gage attachment for printing-presses.	875,060	Dec. 31	5650	1178	131	2196
Gay, Richard H., Conesville, Iowa. Door-controlled electric-elevator system.	851,086	Apr. 23	4745	999	127	2908
Gay, Simeon G., Ottawa, Ill. Wagon tongue or pole.	875,575	Dec. 31	6638	1389	131	2360
Gay, William A., Newark, N. J. Musical instrument.	870,092	Nov. 5	336	94	131	112
Gayle, James, <i>et al.</i> (See Jones, Alva D., assignor.)						
Gaylor, Leonard B., Boston, Mass. Permutation-lock.	844,448	Feb. 19	3184	687	126	2661
Gaylor, Leonard B., Boston, Mass. Carburetor.	855,764	June 4	623	127	128	1854
Gaylor, Leonard B., Stamford, Conn. Safety-razor.	845,628	Feb. 26	5755	1218	126	3336
Gaylord, Adolph A., St. Joseph, Ill. Vehicle-body.	860,971	July 23	4100	1123	129	1450
Gaylord, Arthur C., assignor to Galesburg Coulter-Disc Co., Galesburg, Ill. Disk-harrow scraper.	849,993	Apr. 9	2853	555-6	127	2298
Gaylord, George B., Springfield, Mass. Flush-valve.	867,653	Oct. 8	651	184	130	1532
Gaylord, Solomon S., assignor to Wright Formette Co., Newark, N. J. Corset.	858,867	July 2	878	228	129	302
Gayner, Thomas H. B., South Melbourne, Victoria, Australia. Air-tube for pneumatic tires for wheels.	855,627	June 4	351	72	128	1784
Gaynor, James, Grand Rapids, Wis. Cleaning and grading apparatus.	839,925	Jan. 1	249	53-4	126	69
Gaynor, Joseph, Barre, Vt. Burglar-alarm.	845,629	Feb. 26	5757	1218	126	3337
Gaynor, Joseph, New York, N. Y. Globe-manipulator.	869,886	Oct. 29	4136	1142	130	2671
Gazel, Oreste, Habana, Cuba. Scale for dividing circles into equal parts.	861,103	July 23	4303	1181	129	1514
Gazley, Elmer, Canyonville, Oreg. Scale.	865,883	Sept. 10	1769	492	130	584
Ge Frorer, Charles L., Philadelphia, Pa. Safety gas-cock.	849,121	Apr. 2	1026	207	127	1850
Geanakopulos, Constantinos H., Reading, Pa. Making tiles.	868,261	Oct. 15	1630	460	130	1855
Gearhart, Alonzo W., Fresno, Cal. Hydrocarbon-burner.	860,460	July 16	3294	900	129	1153
Gearhart, William N., <i>et al.</i> (See Althen, William C., assignor.)						
Geb, George F., Franklin, Mass. Expansion-pulley.	872,282	Nov. 26	4489	1065	131	1118
Gebauer, Charles. (See Colson and Gebauer.)						
Gebhardt, Lawrence G., Buffalo, N. Y. Means for ventilating tunnels.	872,618	Dec. 3	625	132-3	131	1265
Gebhardt, Carl. (See Gebhardt, Paul and C.)						
Gebhardt, Friedrich, Alliance, Ohio. Metallic truck for railway-cars.	840,929	Jan. 8	2286	502	126	624
Gebhardt, Friedrich, assignor of one-half to T. M. Harrington, Baltimore, Md. Locking device for hinges.	853,872	May 14	3040	625	128	810
Gebhardt, Heinrich, Munich, Germany. Garment-hanger.	847,329	Mar. 19	3213	707	127	868
Gebhardt, Max F., Baltimore, Md. Show-case.	843,143	Feb. 5	622	132	126	1953
Gebhardt, Paul and C., Stralau, near Berlin, Germany. Pneumatic device for drawing out grains and similar goods.	850,639	Apr. 16	3911	815	127	2660
Gebhardt, Victor, St. Louis, Mo. Fish-hook.	863,272	Aug. 13	1888	509	129	2702
Gebhardt, William, San Antonio, Tex. Nut-cracking machine.	842,398	Jan. 29	5284	1122-3	126	1497
Gebhart, John C., Atlanta, assignor of one-half to D. C. Lyle, Collegepark, Ga. Cotton-seed huller.	864,128	Aug. 20	3151	872-3	129	3127
Gebr. Gegauf. (See Gegauf, Friedrich, assignor.)						
Gebr. Körting, Aktiengesellschaft. (See Willmer, Arnold, assignor.)						
Gebroder Siemens & Compagnie. (See Viertel and Egly, assignors.)						
Geddes, Horatio, Cleveland, Ohio. Mail-box.	857,234	June 18	3486	736	128	2649
Gedeon, John, Jr., Cleveland, Ohio. Hot-water heater.	871,927	Nov. 26	3733	909-10	131	1002
Gedge, Frederick C. (See Horton and Gedge.)						
Gee, Charles A., Casa Blanca, assignor of three-fourths to R. Brinsmead, H. P. B. Vaughan, and F. G. Hall, Riverside, Cal. Drafting instrument.	842,144	Jan. 22	4724	1010	126	1318
Gee, Frank P., Dumont, Colo. Broom-holder.	840,452	Jan. 1	1338	297	126	349
Gee, Harold, Kenilworth, assignor to Featherstone Foundry & Machine Company, Chicago, Ill. Pile-driver.	848,098	Mar. 26	4812	1050	127	1303
Gee, Harold, Kenilworth, assignor to Featherstone Foundry & Machine Company, Chicago, Ill. Pile-driving machine.	848,166	Mar. 26	4916	1074	127	1329
Gee, James E., London, England. Device for cleaning floors.	867,967	Oct. 15	1192	329	130	1719
Gee, John A., Cripple Creek, Colo. Fly-escapement for window and door screens.	845,941	Mar. 5	446	92	127	115
Gee, John W., Bryan, Tex. Rail-coupling device.	863,378	Aug. 13	2040	552	129	2754
Gee, Norman E., Altoona, Pa. Mechanical stoker.	847,061	Mar. 12	2665	593-4	127	712
Gee, Norman E., Altoona, Pa. Mechanical stoker.	847,174	Mar. 12	2898	637-9	127	762
Gee, Robert W., Montpelier, Idaho. Gate-hinge.	859,174	July 2	1325	353	129	448
Gehring, Frederick J., Philadelphia, Pa. Molding-machine.	868,979	Oct. 22	2785	767-8	130	2237
Geer, Erastus L., Johnstown, Pa. Metallic tie and rail-fastener.	874,322	Dec. 17	4150	873	131	1898
Gees, Robert W. (See Dawson, James W., assignor.)						
Geeseka, Otto A., <i>et al.</i> (See Campbell, Lewis C., assignor.)						
Gefall, Rudolf, Vienna, Austria-Hungary, assignor, by mesne assignments, to H. J. Reed, Chicago, Ill. Gas-burner.	874,063	Dec. 17	3641	765	131	1812
Gefvert, Anders G., Philadelphia, Pa. Instep-supporter for boots and shoes.	875,517	Dec. 31	6536	1363	131	2342
Gegauf, Friedrich, assignor to Firm of Gebr. Gegauf, Steckborn, Switzerland. Embroidering-machine.	844,015	Feb. 12	2300	492-3	126	2403
Gegler, William C., Philadelphia, Pa. Wetter-up for leather-working machines.	849,348	Apr. 2	1459	296	127	1958
Gegler, William C., Philadelphia, Pa. Wetting up.	849,349	Apr. 2	1460	297	127	1959
Gehan, Robert A., Buffalo, N. Y. Tire.	866,927	Sept. 24	3336	942	130	1141
Gelman, Harry, and N. A. Giannone, assignors of one-third to W. E. Wimpy, Atlanta, Ga. Non-refillable bottle.	840,453	Jan. 1	1339	297	126	349
Gehme, Carl A., Chicago, Ill. Drawer-support.	873,225	Dec. 10	1898	398	131	1499
Gehner, Fred, Garrison, N. D. Wrench.	871,690	Nov. 19	3211	795	131	893
Gehr, Harvey J., Waynesboro, Pa. Separating garlic or the like from grain.	872,927	Dec. 3	1268	271	131	1367
Gehre, Max, Rath, near Düsseldorf, Germany. Construction of measuring apparatus.	855,846	June 4	789	165	128	1894
Genre, Max, Düsseldorf-Rath, Germany. Apparatus for measuring the supply of steam from a boiler.	874,667	Dec. 24	4837	1015	131	2043
Gehrer, Konrad, Elgg, Switzerland. Hand weapon.	857,047	June 18	3127	659-60	128	2557
Gehris, William P., Reading, Pa. Lathe-tool.	852,948	May 7	1181	243	128	300
Gehret Brothers. (See Stricker, Charles J., assignor.)						
Gehrke, Carl, St. Louis, Mo. Safety-fuse.	861,965	July 30	5652	1568	129	1970

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Gehrken, Edward F., Schenectady, N. Y., assignor to General Electric Company. Switching device.	848,893	Apr. 2	603	119-20	127	1743
Gehrken, Edward F., Schenectady, N. Y., assignor to General Electric Company. Variable-voltage transformer.	851,743	Apr. 30	6097	1274	127	3276
Gehrman, Frank A., Frances, Wash. Setting-gage for cream-separators.	850,528	Apr. 16	3683	770	127	2603
Gehrman, Jacob C., Frances, Wash. Raker gage and jointer.	863,377	Aug. 13	2039	551	129	2753
Gehrun, Julien A., New York, N. Y. Signal system.	868,424	Oct. 15	1898	533	130	1934
Geibel, Andrew, Chicago, Ill. Washboard support and shield.	865,487	Sept. 10	1136	321	130	373
Geiger, Charles A., assignor to Troy Wagon Works Company, Troy, Ohio. Dump-wagon.	854,085	May 21	3505	723	128	966
Geiger, Charles E., assignor to himself, W. E. Koop, and G. W. Fiske, Louisville, Ky. Drier.	848,362	Mar. 26	5313	1158	127	1426
Geiger, Francis C., Parkersburg, W. Va. Ironing-board.	874,323	Dec. 17	4151	873	131	1898
Geiger, Frederick J., <i>et al.</i> (See Haile, Luther T., assignor.)						
Geiger, Hans K., Munich, Germany. Burglar-alarm.	868,543	Oct. 15	2089	584	130	1994
Geiger, Henry H., <i>et al.</i> (See Weaver, Flen H., assignor.)						
Geipel, William, Southwark, London, England. Steam-trap.	845,630	Feb. 26	5758	1218-19	126	3337
Geipel, William, Southwark, London, England. Steam-trap.	846,300	Mar. 5	1146	252-3	127	290
Geisel, John E. G., Leighton, Pa. Whiffletree-hook.	862,552	Aug. 6	772	206	129	2323
Geisendorfer, George, Upton, Cal. Stop for cut-off saws.	866,782	Sept. 24	3119	878	130	1074
Geisendorff, Lee H., Indianapolis, Ind. Friction-clutch pulley.	874,954	Dec. 31	5443	1138	131	2161
Geisenhöner, Henry, Schenectady, N. Y., assignor to General Electric Company. Combined fuse and switch.	844,791	Feb. 19	4144	883	126	2895
Geisenhöner, Henry, Schenectady, N. Y., assignor to General Electric Company. Metal-casting apparatus.	850,829	Apr. 16	4253	893	127	2745
Geisenhöner, Henry, Schenectady, N. Y., assignor to General Electric Company. Switch-controlling mechanism.	853,780	May 14	2846	586	128	766
Geisenhöner, Henry, Schenectady, N. Y., assignor to General Electric Company. Fuse.	867,496	Oct. 1	401	114	133	1074
Geisse, Frank, <i>et al.</i> (See Conkle, William G., assignor.)						
Geissinger, Harry G., New York, N. Y. Thermostat.	865,638	Sept. 10	1379	392	130	451
Geist, Ernst H., Cologne, Germany. Combined steering and braking device for motor cars.	868,337	Oct. 15	1760	497	130	1892
Gelder, David, <i>et al.</i> (See Murray, Terrence, assignor.)						
Gellert, Christian L., Dusseldorf, and C. Bunse, Bocholt, Germany. Treating waste oakum and similar materials.	874,668	Dec. 24	4838	1016-17	131	2043
Gelpke, Victor, Lucerne, Switzerland, and P. Kugel, Düsseldorf, Germany. Attachment of blades for turbines.	841,503	Jan. 15	3446	742	126	968
Geltz, Albert H., Alliance, and L. L. Hosack, Youngstown, Ohio, assignors to C. B. McLean, Pittsburg, Pa. Air-brake apparatus.	852,949	May 7	1184	244	128	300
Geizenlichter, John, Lynn, Mass., assignor to Manufacturers Machine Company, Montclair, N. J. Buffing-machine.	871,990	Nov. 26	3895	939-40	131	1023
Gem Hammock & Fly Net Company. (See Erdmann, William, assignor.)						
Gemmer, George A., Wabash, Ind., assignor to Gemmer Manufacturing Company, Detroit, Mich. Steering-gear for motor-vehicles.	861,104	July 23	4304	1181-2	129	2514
Gemmer Manufacturing Company. (See Gemmer, George A., assignor.)						
Gemmer, Walter S., and E. J. Schleicher, assignors of one-third to Broderick & Bascom Rope Company, St. Louis, Mo. Tramway-bucket.	866,271	Sept. 17	2355	654-5	130	798
Gemmer, Walter S., and E. J. Schleicher, assignors of one-third to Broderick & Bascom Rope Company, St. Louis, Mo. Aerial tramway.	867,497	Oct. 1	402	115-16	130	1438
Gendron, Joseph A., Nashua, N. H. Shuttle-motion for looms.	845,345	Feb. 26	5227	1109-10	126	3206
Gendron Wheel Company. (See Schaeffhold, Emil X., assignor.)						
Gendron Wheel Company. (See Vogel, Joshua F., assignor.)						
Genelly, Angelo, and B. Gilbert, Los Banos, Cal. Bicycle-pump.	849,227	Apr. 2	1231	250	127	1903
General Acoustic Company. (See Haff, Howell W., assignor.)						
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General Electric Company.	(See Rice, Richard H., assignor.)					
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General Electric Company.	(See Richey, Frank W., assignor.)					
General Electric Company.	(See Riddell, John, assignor.)					
General Electric Company.	(See Riddell and Painter, assignors.)					
General Electric Company.	(See Robinson, Albert D., assignor.)					
General Electric Company.	(See Rogers, Robert H., assignor.)					
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General Electric Company.	(See Schmidt, Louis M., assignor.)					
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General Electric Company.	(See Stewart, Samuel B., Jr., assignor.)					
General Electric Company.	(See Stone, Charles W., assignor.)					
General Electric Company.	(See Stone, Fred L., assignor.)					
General Electric Company.	(See Sulzberger, Karl, assignor.)					
General Electric Company.	(See Taylor, David W., assignor.)					
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General Electric Company.	(See Tirrill, Leonard A., assignor.)					
General Electric Company.	(See Tornberg, Knut, assignor.)					
General Electric Company.	(See Tournier, Julius C., assignor.)					
General Electric Company.	(See Troutman, Lewis E., assignor.)					
General Electric Company.	(See Troy, Matthew O., assignor.)					
General Electric Company.	(See Ulke, Darwin, assignor.)					
General Electric Company.	(See Underwood, Louis E., assignor.)					
General Electric Company.	(See Van Aller, Tycho, assignor.)					
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General Electric Company.	(See Ver Planck, William E., assignor.)					
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General Electric Company.	(See Whitney, Eddy R., assignor.)					
General Electric Company.	(See Whitney, Willis R., assignor.)					
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General Electric Company.	(See Worsey, Charles H., assignor.)					
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General Electric Company.	(See Yates and Zimmer, assignors.)					
General Electric Company.	(See Zimmer, Paul H., assignor.)					
General Electric System.	(See Barry, Charles E., assignor.)					
General Electrolytic Parent Company.	(See Stubbs, John W., assignor.)					
General Fire Extinguisher Company.	(See Allen, Philip, assignor.)					
General Fire Extinguisher Company.	(See Buell, Charles E., assignor.)					
General Fire Extinguisher Company.	(See Meloon, Jonathan C., assignor.)					
General Fire Extinguisher Company.	(See Taylor, John, assignor.)					
General Fireproofing Company.	(See Wege, Peter M., assignor.)					
General Fireproofing Company.	(See White, Alexander P., assignor.)					
General Fireproofing Company.	(See White, Herbert E., assignor.)					

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General Fireproofing Company. (See White and Wege, assignors.)						
General Laboratory Company. (See Fronek, Otokar, assignor.)						
General Railway Signal Company. (See Dodgson and Howe, assignors.)						
General Railway Signal Company. (See Macomber, William, assignor.)						
General Railway Signal Company. (See Townsend, Fitzhugh, assignor.)						
General Specialty Manufacturing Company. (See Smith, Robert K., assignor.)						
General Storage Battery Company. (See Bijur, Joseph, assignor.)						
Genese Cereal Manufacturing Co. (See Genese, David, assignor.)						
Genese, David, assignor to Genese Cereal Manufacturing Co., Baltimore, Md. Apparatus for treating food products	844,512	Feb. 19	3327	716	126	2696
Genin, Jean B., St. Albans, Vt., assignor of six-sixteenths to L. L. Cailloux, Montreal, Canada, E. M. Blake, C. W. Butterworth, and A. H. George, St. Albans, Vt. Automatic train-pipe coupling	862,068	July 30	5809	1611	129	2020
Genor, Henry E., Wilksburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Jig or form for commutator assembling	861,105	July 23	4305	1182	129	1515
Genthner, Charles M., assignor to Rathbone, Sard & Company, Aurora, Ill. Draft-regulator for stove-doors	866,197	Sept. 17	2243	625	130	762
Gentieu, George W., Peoria, Ill. Apparatus for manufacturing smokeless powder	856,859	June 11	2764	574	128	2426
Gentieu, George W., Peoria, Ill. Semismokeless powder	868,919	Oct. 22	2700		130	2210
Gentieu, George W., Peoria, Ill. Explosive	871,395	Nov. 19	2630		131	799
Gentieu, George W., Peoria, Ill. Projectile	871,396	Nov. 19	2630	672	131	799
Gentili, Alberto, Veneto, Italy. Telegraphic instrument and the like	846,464	Mar. 12	1504	335	127	411
Gentle, William M., Southport, Ind. Rotary engine	852,950	May 7	1187	244-5	128	301
Gentles, Herbert, <i>et al.</i> (See Coyle, William, assignor.)						
Gentrup, Josef, Brochterbeck, near Münster, Germany. Sifting or screening apparatus	841,959	Jan. 22	4344	937	126	1226
Gentry, James C., and J. T. Bottomlee, Dayton, Tenn. Churn	845,346	Feb. 26	5231	1110	126	3207
Gentry, Oliver H., Langley, S. C. Wrench	872,117	Nov. 26	4162	995	131	1065
Gentzler, Louis D., Portis, Kans., assignor to Crescent Mfg. Co., Kansas City, Mo. Mortar-mixer	845,942	Mar. 5	447	92	127	115
Geo. Becker & Co. (See Peterson, Bernhard, assignor.)						
Geo. Borgfeldt & Co. (See Berg and Solmann, assignors.)						
Geo. E. Keith Company. (See Wilkins, George H., assignor.)						
Geo. V. Cresson Company. (See Stacks, Howard R., assignor.)						
Geometric Tool Company. (See Leonard, Wilbur A., assignor.)						
Georg, Bernáth, Cincinnati, Ohio. Coffee-pot	865,776	Sept. 10	1585	447	130	516
George A. McKeel & Company. (See Sparks, William, assignor.)						
George, Adelbert D. and A. B., Dixon, Ill. Tablet and pencil holder	868,083	Oct. 15	1368	383	130	1774
George, Alvah H., <i>et al.</i> (See Genin, Jean B., assignor.)						
George, Austin B. (See George, Adelbert D. and A. B.)						
George Burroughs and Sons. (See Seaman, Alonzo D., assignor.)						
George, Carrie A., Nazareth, Pa. Veil-shield	861,024	July 23	4193	1149	129	1477
George, Edgar J., Chicago, Ill. Guard for eyeglasses	839,831	Jan. 1	51	12	126	15
George, Frank X., Jr., Brooklyn, N. Y. Safety-razor	850,529	Apr. 16	3683	770	127	2603
George Frost Company. (See Phelps, George H., assignor.)						
George, Japhus, Wilcox, Pa., and C. M. Shortle, Bernhards Bay, N. Y., assignors, by mesne assignments, to Newkirk Glass Company, Pierre, S. D. Drawing sheet-glass	840,838	Jan. 8	2092	464	126	576
George, Japhus, Wilcox, Pa., and C. M. Shortle, Bernhards Bay, N. Y., assignors, by mesne assignments, to Newkirk Glass Company, Pierre, S. D. Sheet-glass-drawing furnace	842,399	Jan. 29	5297	1123	126	1503
George, Jerome R., assignor to Morgan Construction Company, Worcester, Mass. Conveyor for metal bars	849,122	Apr. 2	1027	208	127	1851
George, Jerome R., assignor to Morgan Construction Company, Worcester, Mass. Conveyor for metal rods	863,841	Aug. 20	2725	751	129	2999
George, Jerome R., assignor to Morgan Construction Company, Worcester, Mass. Conveyor for metal bars	863,842	Aug. 20	2726	751	129	2999
George Lanz & Company. (See Wiedner, Joseph H., assignor.)						
George Metal Extracting Company. (See George, William L., assignor.)						
George Murphy. (See King, Edwin P., assignor.)						
George, Samuel G., Seattle, Wash. Combined starting and retrograde braking mechanism for gasoline-engines	866,456	Sept. 17	2621	532	130	884
George W. Dover Company. (See Dover, George W., assignor.)						
George, Willard M. (See Hoover, Ira E., assignor.)						
George, William L., Williams, Ariz. Ter., assignor to George Metal Extracting Company. Extracting metals from their ores	854,998	May 28	5287		128	1449
George, William T., assignor of one-half to J. A. Moores, Fayetteville, Tenn. Plow or cultivator	843,393	Feb. 5	1105	229-30	126	2069
Georgenson, George, Wilmington, N. C. Mold for sewers	861,106	July 23	4307	1182	129	1516
Georgenson, George, Wilmington, N. C. Sectional sewer-mold	875,518	Dec. 31	6538	1363	131	2342
Georgenson, George, and J. E. Hennen, Fond du Lac, Wis. Contractible mold	841,504	Jan. 15	3448	742	126	969
Georgenson, George, and J. E. Hennen, Fond du Lac, Wis. Roller-support for edgewise-movable doors	845,631	Feb. 26	5759	1219	126	3338
Georgenson, George, and J. E. Hennen, Fond du Lac, Wis. Contractible mold. (Re-issue)	12,639	Apr. 23	5868	1226	127	3185
Georgenson, George, and J. E. Hennen, Fond du Lac, Wis. Reinforced concrete construction for buildings and other structures	855,299	May 28	5887	1227	128	1601
Georgenson, Martin, and R. W. Burke, Manitowoc, Wis. Lock-strike	852,553	May 7	347	62	128	94
Georges, Jacques, and E. A. Dormoy, Algiers, Algeria. Device for removing scale from boiler-tubes	854,819	May 28	4923	1022	128	1355
Georghegan, Anthony F. S. (See McGee, John J., assignor.)						
Georgi, Fredrick L., Chicago, Ill. Caster	863,530	Aug. 13	2251	610	129	2817
Georgi, Friedrich M., Chicago, Ill. Vehicle-tire	841,505	Jan. 15	3449	742	126	976
Georgii, Emil, Stuttgart, Germany. Cigarette-machine	850,921	Apr. 23	4447	930-1	127	2835
Geraedts, Conradus, A. Blocks, Jr., and W. B. Az, Roermond, Netherlands. Device for molding vessels, such as flower-pots and the like	863,711	Aug. 20	2518	695	129	2933
Geraghty, John P., assignor to himself, C. H. Good, J. J. Goodlad, and E. Sullivan, Jersey City, N. J. Locking device	875,576	Dec. 31	6639	1389	131	2360
Gérard, Abel R. A., Pontgivar near Reims, France. Protection of railway trains	871,496	Nov. 19	2846	715-17	131	832
Gerard, Léon, Brussels, Belgium, assignor, by mesne assignments, to American Adhesion Traction Company. Tractor for electrical towage systems	845,405	Feb. 26	5347	1134-5	126	3235
Gerard, Léon, Brussels, Belgium, assignor to P. Thompson, East Orange, N. J. Electrical condenser	867,579	Oct. 8	547	154	130	1501
Gerber, Alphonse, assignor to King Quick Gerber Co., Paterson, N. J. Gearing	846,465	Mar. 12	1505	335	127	411
Gerbert, Emil, Waltershausen, Germany. Means for attaching tires to vehicle-wheels	874,324	Dec. 17	4152	873	131	1898
Gerbing, Max P., Wentworth, Mo. Fender for harvesters	847,568	Mar. 19	3694	814-15	127	993
Gerbrand, Abraham B., Buhler, Kans. Means for stretching covering around pulleys	874,182	Dec. 17	3852	812	131	1850
Gerdau, Berthold, Düsseldorf, Germany. Hydraulic press	842,949	Feb. 5	212	48	126	1843

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Gere, George H., Utica, N. Y. Carbureter.....	872,505	Dec. 3	393	82	131	1229
Gere, William B. (See Merrill and Gere.)						
Gereben, Béla, Budapest, Austria-Hungary, assignor to Underwood Typewriter Company, New York, N. Y. Tabulator for type-writers.....	852,324	Apr. 30	7251	1524	127	3568
Gerhardt, George J., assignor of one-half to C. Hoffman, Steubenville, Ohio. Mechanism for marking sheets.....	873,226	Dec. 10	1899	398-9	131	1499
Gerhardt, Henry, Hazleton, Pa. Creasing and folding machine for collars, cuffs, and the like.....	856,695	June 11	2471	508-9	128	2353
Gerheiser, George, St. Louis, Mo. Curtain-pole.....	843,008	Feb. 5	331	72	126	1873
Gerken, Ernst A., Molenbeek, near Brussels, Belgium. Match-box.....	844,119	Feb. 12	2490	535	126	2449
Gerlach, George W., Cumberland, Iowa. Railway signal and safety appliance.....	871,166	Nov. 19	2120	568-9	131	721
Gerlach, Robert, assignor to Buffalo Forge Company, Buffalo, N. Y. Punching and shearing machine.....	855,765	June 4	624	128	128	1855
Gerlach, Robert, assignor to Buffalo Forge Company, Buffalo, N. Y. Shearing-machine.....	855,766	June 4	626	128	128	1855
Gerland, Charlotte A. (See Gerland, Frederick J. M., assignor.)						
Gerland, Frederick J. M., assignor to C. A. Gerland, Sea Cliff, N. Y. Process and apparatus for etching plates.....	865,884	Sept. 10	1770	492	130	584
Germain, Peter J. (See Kelly and Germain.)						
German, Solomon, Monkton, Md. Fire shield and extinguisher.....	862,152	Aug. 6	48	14	129	2096
Germer, William F. H. (See Turner and Germer.)						
Germinier, William, assignor of forty-nine one-hundredths to J. B. Sinclair, Pueblo, Colo. Engine.....	860,461	July 16	3295	900	129	1154
Germinier, William, assignor of two-fifths to M. L. Brittain, Pueblo, Colo. Train-controlling apparatus.....	870,427	Nov. 5	885	238-9	131	292
Germon, Frank, Leadville, Colo. Harrow.....	840,839	Jan. 8	2095	464	126	576
Gernaert, Jules. (See Flamache and Gernaert.)						
Gernaert, Jules, Brussels, Belgium. High building.....	858,170	June 25	5362	1140	128	3153
Gerner, Henry J., Niagara Falls, N. Y. Ice-cream freezer.....	864,091	Aug. 20	3087	852	129	3108
Gerner, Henry J., Vandergrift, Pa., assignor to M. Gerner, Canton, Ohio. Ice-cream freezer.....	859,876	July 9	2400	652	129	828
Gerner, Henry J., assignor to M. Gerner, Canton, Ohio. Continuous ice-cream freezer.....	863,980	Aug. 20	2929	806-7	129	3060
Gerner, Henry J., assignor to M. Gerner, Canton, Ohio. Cabinet.....	863,981	Aug. 20	2932	807	129	3061
Gerner, Mary. (See Gerner, Henry J., assignor.)						
Gernsback, Hugo, New York, N. Y., assignor to Royal Battery Company. Battery-cell.....	842,950	Feb. 5	214	48	126	1843
Gerrais, Alfred T. (See De Remer, Robert P., assignor.)						
Gerrard, Edward A., Monroe, Nebr. Chimney-cowl.....	861,966	July 30	5653	1568	129	1970
Gerrish, Willard P., assignor of one-half to Alvan Clark and Sons Corporation, Cambridge, Mass. Apparatus for synchronizing motors.....	870,505	Nov. 5	992	271	131	321
Gerry, Edward M., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. System of distribution.....	872,724	Dec. 3	859	178	131	1302
Gersant, Jules, Clapham, London, and G. J. J. Legrand, Lancing, England. Turbine.....	857,048	June 18	3128	660	128	2557
Gerson, Adolph, New York, N. Y. Stop-watch.....	843,887	Feb. 12	2064	442	126	2344
Gerson, Adolph, New York, N. Y. Watch.....	866,198	Sept. 17	2244	626	130	762
Gerstenberg-Zech, Leo von, Bergsulza, near Stadtsulza, Germany. Storing hydraulic power.....	853,146	May 7	1554	323	128	393
Gerstendorfer Bros. (See Eckart, Edmund, assignor.)						
Gerstenmaier, Carl. (See Brady and Gerstenmaier.)						
Gertenbach, Louise, Dubuque, Iowa. Auxiliary grate for stoves and ranges.....	871,266	Nov. 19	2329	608	131	754
Gerth, Anthony C., Cincinnati, Ohio, assignor of sixty one-hundredths to J. B. Gerth and H. T. Becker. Shifting top for carriages.....	848,820	Apr. 2	447	88	127	1700
Gerth, Joseph B., et al. (See Gerth, Anthony C., assignor.)						
Gerthoffer, Joseph F., Essexville, Mich. Swing.....	859,212	July 9	1386	368-9	129	498
Gertzzen, George, Alton, and J. Roghair, Orange City, Iowa. Stock-watering trough.....	844,277	Feb. 12	2831	603	126	2535
Gervais, Charles E., New York, N. Y. Cigar-lighter.....	861,510	July 30	4955	1360-1	129	1757
Gervers, Casper H., Cincinnati, Ohio. Pipe-seaming machine.....	869,704	Oct. 29	3942	1087	130	2620
Gerwe, Louis M., Davenport, Iowa. Seat for puppet or foot valves of pumps.....	843,597	Feb. 12	1525	323	126	2207
Gery, Albert A., Reading, Pa. Manufacturing bricks, &c.....	839,832	Jan. 1	53	12	126	15
Gery, Albert A., Reading, Pa. Manufacturing bricks.....	839,833	Jan. 1	55	13	126	16
Geschke, Ernst, Charlottenburg, assignor to Deutsche Waffen & Munitionsfabriken, Berlin, Germany. Roller-bearing.....	855,169	May 28	5654	1176	128	1542
Gesell, William J., Weehawken, N. J. Bottle attachment.....	845,347	Feb. 26	5232	1111	126	3207
Gesellschaft zur Verwertung der Boleg'schen Wasserlöslichen Mineralöle und Kohlenwasserstoffe, Gesellschaft mit Beschränkter Haftung. (See Boleg, Friedrich, assignor.)						
Gesford, Preston G., Orting, Wash. Fire structure.....	857,933	June 25	4852	1027	128	3022
Gessert, George, Edwardsville, Ill. Fender for car-wheels.....	864,638	Aug. 27	3975	1102	129	3414
Getaz, Henry, Schenectady, N. Y. File.....	858,171	June 25	5363	1140-1	128	3153
Getchell, Augustus W., Cleveland, Ohio. Vehicle-tire.....	859,759	July 9	2218	603	129	772
Getchell, George S., Los Angeles, Cal. Signaling device for railways.....	870,232	Nov. 5	565	152	131	185
Gettelmann, Ludwig, South Germantown, Wis. Beet-topper.....	861,511	July 30	4955	1361-2	129	1757
Gettle, Thomas S., et al. (See Winkelmeyer, John, assignor.)						
Gettle, Thomas S., et al. (See Wright, Charles M., assignor.)						
Getz, Frederick E., Ellicott City, Md. Recording system for salesmen's orders and shipments.....	847,062	Mar. 12	2700	594-5	127	713
Getz, Phares E., assignor of one-half to W. Heaton, Neosho, Mo. Well-bucket.....	866,783	Sept. 24	3121	878	130	1074
Geurink, Harry J., Cleveland, Ohio. Stop and waste cock.....	847,406	Mar. 19	3377	739	127	910
Gevaert-Naert, Louis, Bevere-Audenarde, assignor to Société Anonyme des Cuirs et Courroies d'Audenarde, Audenarde, Belgium. Manufacturing artificial leather.....	873,582	Dec. 10	2614	.....	131	1620
Gewecke, Hermann. (See Brauer and Gewecke.)						
Geyer, Franklin P., Philadelphia, Pa. Safety-lock for pocket-books and hand-bags.....	872,619	Dec. 3	631	133	131	1266
Geyer, William E., Cambridge, Mass. Steering device.....	854,883	May 28	5079	1056	128	1396
Ghegan, John J., Newark, N. J. Telegraph-key.....	844,278	Feb. 12	2832	604	126	2535
Ghegan, John J., Newark, N. J. Quadruplex-telegraph system.....	872,228	Nov. 26	4396	1045	131	1102
Ghira, Andrea, Trieste, Austria-Hungary. Rotary engine.....	854,346	May 21	3992	825	128	1093
Giambra, Gandolfo, Paterson, N. J. Spacing instrument.....	871,933	Nov. 19	2492	643	131	778
Giannone, Nelson A. (See Gehman and Giannone.)						
Gianoli, Louis A., Paris, France. Sparking mechanism for explosion-engines.....	874,955	Dec. 31	5445	1138	131	2162
Giardino, Joachim, Guttentberg, N. J. Window-pane fastener.....	871,267	Nov. 19	2330	608	131	755
Gibb, Andrew S., Punjab, India. Self-regulating apparatus for delivering a constant supply of water for irrigation or like purposes.....	859,935	July 16	2492	677	129	889
Gibbens, William J. (See Stream and Gibbens.)						
Gibbon, Frank, Pocatello, Idaho. Weather-strip.....	871,334	Nov. 19	2494	644	131	773
Gibbons, Edward F., Jersey City, N. J. Folder attachment for hemmers.....	846,742	Mar. 12	2056	452	127	558
Gibbons, William G., et al., trustees and executors. (See Brown, Andrew B.)						
Gibbs, Arthur E., Wyandotte, Mich. Electrolytic cell.....	874,064	Dec. 17	3642	765	131	1812
Gibbs, Charles, New York, N. Y. Type-writer.....	854,484	May 21	5142	880	128	1158

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Gibbs, Charles, assignor to Underwood Typewriter Company, New York, N. Y. Type-writer. (Reissue).....	12,702	Oct. 15	2250	623	130	2047
Gibbs, Charles W., Bridgeport, Conn. Device for placing and retaining taps in tapping-machines.....	851,623	Apr. 23	5829	1218	127	3177
Gibbs, Edward F. G., Washington, D. C. Fire-escape.....	853,302	May 14	1907	396	128	521
Gibbs, Elmer W., assignor to Gibbs Manufacturing Company, Canton, Ohio. Top.....	847,933	Mar. 19	4477	982	127	1182
Gibbs, George, New York, N. Y. Ventilation of electric motors.....	842,951	Sept. 5	215	49	126	1843
Gibbs, George, New York, N. Y. Ventilation of electric railway-motors.....	875,061	Dec. 31	5651	1179	131	2196
Gibbs, George J., assignor of one-half to P. Pilkington Limited, Bamber Bridge, near Preston, England. Compressed-air installation.....	866,457	Sept. 17	2623	732-3	130	884
Gibbs, George W., Ronceverte, W. Va. Lamp-burner.....	863,379	Aug. 13	2041	552	129	2754
Gibbs, Henry, Austin, Ill. Chime.....	864,461	Aug. 27	3664	1019	129	3320
Gibbs, James D., Louisville, Ky. Trolley-head.....	864,965	Sept. 3	325	87	130	104
Gibbs, James E., Clifton Forge, Va. Sash-fastener.....	864,780	Sept. 3	21	7	130	9
Gibbs, Lucius T., Hempstead, N. Y. Apparatus for controlling the motor and driving mechanism of self-propelled vehicles.....	860,972	July 23	4101	1124	129	1450
Gibbs, Lucius T., Hempstead, N. Y. Internal-combustion engine.....	872,336	Dec. 3	34	7	131	1174
Gibbs Manufacturing Company. (See Gibbs, Elmer W., assignor.)						
Gibbs, Stephen W., Jr., Frankfort, Ky. Portable battery-lamp.....	853,352	May 14	2007	415	128	547
Gibbs, William J. (See Brown and Gibbs.)						
Gibbs, William M., Anderson, Ind. Cement fence-post and line-wire fastener therefor.....	870,162	Nov. 5	443	122	131	145
Gibford, Edward B., assignor to American Safety Razor Co., Adrian, Mich. Safety-razor.....	866,856	Sept. 24	3222	906	130	1106
Gibler, Benjamin F., Winslow, Ill. Cement fence-post.....	842,454	Jan. 29	5421	1150	126	1536
Giblin, Charles, Cleveland, Ohio. Non-refillable bottle.....	859,877	July 9	2402	653	129	828
Giboney, William A., Beattie, Kans. Filing-cabinet.....	858,972	July 2	1041	274	129	356
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Rock-drill.....	841,139	Jan. 15	2730	596	126	783
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Pressor.....	841,140	Jan. 15	2731	596	126	784
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Pressor.....	841,141	Jan. 15	2733	597	126	785
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Electropneumatic channeller. (Reissue).....	12,602	Jan. 29	6266	1324	126	1740
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Electrically-driven fluid-pressor.....	845,406	Feb. 26	5351	1135	126	3236
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Electropneumatic channeller. (Reissue).....	12,704	Oct. 22	3147	868-9	130	2349
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Electropneumatic track-channeller.....	848,984	Apr. 2	744	151	127	1777
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Coal-mining machinery.....	860,207	July 16	2909	794-5	129	1025
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Electropneumatic track-channeller.....	860,208	July 16	2911	795-6	129	1025
Gibson, Arthur H., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Pressor-operated percussive tool.....	861,646	July 30	5166	1418	129	1824
Gibson, Calder C., Buffalo, N. Y. Receptacle and closure therefor.....	869,431	Oct. 29	3502	961	130	2486
Gibson, Edgar C., Marion, Ind. Broom-holder.....	861,967	July 30	5654	1568	129	1970
Gibson, Edward, Freneau, N. J. Furnace-grate.....	854,485	May 21	4253	880	128	1158
Gibson, Edward T., Matawan, N. J. Intrenching-shovel carrier.....	845,348	Feb. 26	5233	1111	126	3208
Gibson, Eva K., Chicago, Ill. Garment-hanger.....	859,601	July 9	1988	536	129	698
Gibson, George B., Webster Groves, Mo. Heating and ventilating system.....	859,380	July 9	1662	442-3	129	591
Gibson, Herbert E., <i>et al.</i> (See Waterman, Frank W., assignor.)						
Gibson, James A., <i>et al.</i> (See Strong, Earl T., assignor.)						
Gibson, John, Star Prairie, Wis. Stock-loader.....	850,640	Apr. 16	3911	815	127	2661
Gibson, John E. (See Harden, William H., assignor.)						
Gibson, John W., Milwaukee, Wis. Ore-separator.....	849,385	Apr. 9	1536	311	127	2016
Gibson, Joseph F., York, Pa. assignor to Dentists Supply Company, New York, N. Y. Display-carrier for artificial teeth.....	854,486	May 21	4255	880	128	1158
Gibson, Lorenzo P., Little Rock, Ark. Artificial bait.....	841,506	Jan. 15	3450	743	126	969
Gibson, Marion E., Portland, Oreg. Credit-accounting device.....	855,767	June 4	628	128	128	1856
Gibson, Napoleon B. (See Redman, Charles W., assignor.)						
Gibson, Ralph E. (See Aldridge and Gibson.)						
Gibson, Robert L., Philadelphia, Pa. Sound-reproducing machine.....	868,771	Oct. 22	2470	682	130	2140
Gibson Soap Co. (See Summers, William T., assignor.)						
Gibson, William A., Enid, Okla. Ter. Combined level and plumb.....	857,991	June 25	4995	1055	128	3059
Gibson, William L., and J. V. Royal, Philadelphia, Pa., assignors to Royal Gas Heating Company, Camden, N. J. Gas-heater.....	872,811	Dec. 3	1027	216	131	1330
Gibson, William M., Poplar Creek, Miss. Cotton-chopper.....	843,675	Feb. 12	1675	355	126	2247
Giddings, George W. (See Phillips, Charles H., assignor.)						
Giddings, Roy W., and W. F. Emerick, Colorado Springs, Colo. Linoleum and carpet stretcher.....	843,743	Feb. 12	1792	382	126	2277
Giddings, Squire R. (See Blevins and Giddings.)						
Gideon, James L., Haskell, Ind. Ter. Clothes-press and wardrobe.....	855,628	June 4	352	72	128	1784
Giehler, Arthur, Chemnitz, Germany. Production of transparent patterns and the like on tissues.....	853,966	May 21	3258	-----	128	905
Gielow, Fredrick, Sr., Chicago, Ill. Stuffing-box.....	845,033	Feb. 19	4593	977	126	3007
Gier, Emil, Rhineland, Tex. Fruit-picker.....	863,380	Aug. 13	2042	552-3	129	2754
Gier, Emil, Rhineland, Tex. Fruit-picker.....	864,639	Aug. 27	3975	1103	129	3414
Gierding, Charles E. (See Beach and Gierding.)						
Gierding, Charles E., Newark, N. J. Fare-register.....	841,084	Jan. 8	2598	569	126	705
Gierding, Charles E., assignor to Sterling-Meaker Company, Newark, N. J. Bell-hammer.....	855,701	June 4	491	102	128	1820
Gies, Frank G., assignor to Gies Gear Company, Detroit, Mich. Reversing-gear.....	856,462	June 11	2028	417	128	2242
Gies Gear Company. (See Gies, Frank G., assignor.)						
Giese, James A., Chicago, Ill., assignor to Adams & Westlake Company. Padlock.....	866,013	Sept. 17	1971	550	130	676
Giesing, Henry, <i>et al.</i> (See Elliott, John, assignor.)						
Giesler, Arthur, assignor to Platt Iron Works Company, Dayton, Ohio. Turbine water-wheel.....	856,949	June 11	2923	613	128	2464
Giessel, Margaret K., Wapakoneta, Ohio. Guard for cooking utensils.....	849,228	Apr. 2	1233	250	127	1903
Giffen, John W. (See Shade, Theodore, assignor.)						
Giffin, Isaac N., Van Wert, Ohio. Stair-rod holder.....	846,103	Mar. 5	793	166	127	203
Giffin, Oscar F., San Francisco, Cal. Saw-guide.....	858,277	June 25	5543	1185	128	3199
Gifford, Albert J. (See Morgan and Gifford.)						
Gifford, Albert J., assignor to C. H. Morgan, Worcester, Mass. Gas-producer.....	873,039	Dec. 10	1544	323-4	131	1440
Gifford, Albert M., Mancelona, Mich. Door and window screen.....	845,869	Mar. 5	277	56	127	71
Gifford, Arthur L., assignor of one-half to L. L. Lewis, Oil City, Pa. Soldering-iron.....	872,229	Nov. 26	4397	1045	131	1103
Gifford, Cyrus P., Erie, Pa. Lamp-extinguishing mechanism.....	872,725	Dec. 3	862	178	131	1302

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Gifford, Cyrus P., Erie, Pa. Lantern-burner.....	872,928	Dec. 3	1270	271	131	1367
Gifford, Harry E., New Bedford, Mass. Garment-supporter.....	845,943	Mar. 5	448	93	127	115
Gifford, John, Watertown, N. Y. Snow-shovel.....	860,086	July 16	2736	746	129	969
Gifford, Robert L., assignor to Illinois Engineering Company, Chicago, Ill. Heating system.....	847,934	Mar. 19	4479	982	127	1182
Gifford, William, Thompsonville, Mich. Lightning-arrester.....	855,300	May 28	5888	1227	128	1602
Gift, William D., Vernon, Ind. Rowing device.....	853,234	May 14	1749	363-4	128	475
Giguere, Thomas D., North Attleboro, Mass. Bracelet.....	843,888	Feb. 12	2066	442	126	2344
Gilbert, Ada E., Brooklyn, and V. A. Phoebus, New York, N. Y. Hair-curling iron or tongs.....	853,450	May 14	2174	452	128	591
Gilbert, Daniel R. (See Gilbert, India J. and D. R.).....						
Gilbert, Francis R., Tompkinsville, N. Y. Sash-cord fastener.....	863,712	Aug. 20	2519	695	129	2933
Gilbert, Frank N., Binghamton, N. Y. Compartment-case.....	853,404	May 14	2091	435	128	567
Gilbert, Frank N., Binghamton, N. Y. File.....	860,798	July 23	3824	1048	129	1359
Gilbert, George A., Chicago, Ill. Pulley.....	841,682	Jan. 22	3789	824	126	1087
Gilbert, George D., Jennings, Mont. Water-wheel.....	848,894	Apr. 2	605	120	127	1744
Gilbert, George E., assignor of one-half to A. J. La Rose, Haverhill, Mass. Sewing-machine.....	850,426	Apr. 16	3477	728	127	2550
Gilbert, George H., Germantown, Pa., assignor to Kilbourn Knitting Machine Company, New Brunswick, N. J. Knitting-machine.....	856,860	June 11	2766	574-5	128	2427
Gilbert, Harris & Company. (See Gilbert, James E., assignor.).....						
Gilbert, Henry J., Saginaw, Mich. Pulley.....	840,763	Jan. 8	1953	430	126	542
Gilbert, Henry J., Saginaw, Mich. Pulley.....	840,764	Jan. 8	1957	430	126	543
Gilbert, Henry J., Saginaw, Mich. Pulley.....	867,498	Oct. 1	409	116	130	1442
Gilbert, Henry J., Saginaw, Mich. Bushing.....	871,928	Nov. 26	3734	910	131	1002
Gilbert, Henry K., Chicago, Ill. Anticreepers.....	858,973	July 2	1042	274	129	356
Gilbert, India J. and D. R., Williamstown, W. Va. Belt.....	849,063	Apr. 2	901	184	127	1817
Gilbert, Israel B., assignor of one-half to R. A. Martin, Castle Shannon, Pa. Automatic regrinding-valve.....	845,458	Feb. 26	5464	1156	126	3265
Gilbert, James E., assignor to Gilbert, Harris & Company, Chicago, Ill. Adjustable cross-bar for printers' chases.....	848,363	Mar. 26	5315	1158	127	1426
Gilbert, James E., assignor to Gilbert, Harris & Company, Chicago, Ill. Fan attachment for rocking-chairs.....	856,247	June 11	1558	326-7	128	2121
Gilbert, Joel M., Summit, N. J. Dish-washer.....	867,968	Oct. 15	1194	330	130	1720
Gilbert Lease Rod Supporter Company. (See Gilbert, William L., assignor.).....						
Gilbert Manufacturing Company. (See Sorensen, Christina J., assignor.).....						
Gilbert, Sidney C., assignor of one-fourth to G. W. Finney, Jackson, Ohio. Coin-control for vending-machines.....	859,654	July 9	2070	559	129	723
Gilbert, Walter V., London, England. Toy.....	846,560	Mar. 12	1696	374-5	127	460
Gilbert, Walter V., London, England. Spring device for producing differential movements.....	846,561	Mar. 12	1699	375-6	127	461
Gilbert, William L., Auburn, Me., assignor to Gilbert Lease Rod Supporter Company. Lease-rod-supporting device.....	867,196	Sept. 24	3765	1064	130	1275
Gilbert, William M., Conshohocken, assignor to said Gilbert and T. Schreiber, Jeffersonville, Pa. Sediment-catching pocket for receptacles.....	844,929	Feb. 19	4385	937	126	2953
Gilbert, William N., assignor to Osgood Scale Company, Binghamton, N. Y. Railway-track scale.....	856,248	June 11	1560	327	128	2122
Gilberti, Bernardo. (See Genelly and Gilberti.).....						
Gilbough, Benjamin G. (See Miller and Gilbough.).....						
Gilbreath, Victor G., Seattle, Wash. Vehicle.....	852,112	Apr. 30	6878	1436	127	3475
Gilchrist, George K. (See Reeves and Gilchrist.).....						
Gilchrist, John E., South Bend, Wash. Logging-jack.....	858,716	July 2	616	161	129	213
Gilchrist, Logan R., Emden, Ill. Corn-planter.....	840,454	Jan. 1	1341	297	126	350
Gilchrist, Luther M., assignor of one-half to J. L. Ames, Caseyville, Ky. Nut-lock.....	844,588	Feb. 19	3727	784	126	2787
Gilchrist, Luther M., assignor of one-half to J. L. Ames, J. F. Buckham, J. A. Redick, and J. P. Winston, Caseyville, Ky. Nut-lock.....	844,589	Feb. 19	3728	784	126	2788
Gilchrist, Raymond B., Chicago, Ill. Cork-extractor.....	857,992	June 25	4996	1055-6	128	3060
Giles, Herbert C., Rutherford, N. J., and W. W. White, New York, N. Y. Hose-supporter.....	845,349	Feb. 26	5239	1111	126	3209
Giles, Isaac W., New Bedford, and C. W. Tobey, Fairhaven, Mass. Manufacture and application of rubber tires to wheel-rims.....	850,747	Apr. 16	4101	858	127	2706
Giles, Isaac W., New Bedford, and C. W. Tobey, Fairhaven, Mass. Rubber-tire fastener.....	850,748	Apr. 16	4102	859	127	2707
Giles, Isaac W., New Bedford, and C. W. Tobey, Fairhaven, Mass. Wheel.....	853,687	May 14	2662	549	128	718
Giles, Isaac W., New Bedford, and C. W. Tobey, assignors to Atlas Tack Company, Fairhaven, Mass. Machine for varnishing eyelets.....	858,339	June 25	5667	1210-11	128	3235
Giles, Jesse H., Salt Lake City, Utah. Perpendicular swath-divider attachment.....	874,325	Dec. 17	4153	874	131	1898
Giles, John S., Chicago, Ill. Hermetic closure for receptacles.....	872,118	Nov. 26	4163	995	131	1065
Giles, John S., Chicago, Ill. Closure-gasket and making the same.....	873,366	Dec. 10	2202	459	131	1548
Giles, Joseph S., assignor to M. J. Whittall, Worcester, Mass. Pile-wire-oiling device for looms.....	849,783	Apr. 9	2284	470	127	2205
Giles, Joseph S., assignor to M. J. Whittall, Worcester, Mass. Pile-wire-oiling device for looms.....	849,784	Apr. 9	2285	470	127	2205
Gillilan, Adam W. (See Grindrod and Gillilan.).....						
Gill, Anna H., San Francisco, Cal. Portable house.....	844,861	Feb. 19	4272	910-11	126	2927
Gill, Austin M., Chicago, Ill. Fat-back-skinning machine.....	866,354	Sept. 17	2490	695	130	841
Gill, Charles F., La Harpe, Ill. Poultry-fountain.....	852,177	Apr. 30	6994	1460	127	3506
Gill, Charles W., Mexico, N. Y. Box-car.....	869,630	Oct. 29	3828	1048	130	2586
Gill, John, Edinburgh, Scotland. Means for compressing air and the like.....	847,569	Mar. 19	3697	815	127	993
Gill, John, Edinburgh, Scotland. Apparatus for compressing air or other elastic fluid for the production of motive power.....	859,213	July 9	1387	369	129	498
Gill, Minta M., Turtle Creek, Pa. Dough-raising device.....	863,982	Aug. 20	2934	807	129	3062
Gill, Samuel E. (See Stewart, Francis L., assignor.).....						
Gill, Thomas, Follansbee, W. Va., assignor to Follansbee Brothers Company, Pittsburg, Pa. Grease-pot.....	844,513	Feb. 19	3329	717	126	2696
Gilchrist, Edward A., McKeesport, Pa. Rail-chair.....	863,381	Aug. 13	2044	553	129	2755
Gilleland, Edgar B., assignor of seven-sixteenths to J. Rinehart, Nevada, Mo. Grain-door.....	874,759	Dec. 24	5022	1058	131	2073
Gilleland, Wilson S., and W. D. Stanley, Newkirk, Okla. Ter. Wagon-top.....	849,675	Apr. 9	2092	430	127	2155
Gillentine, William A., Alexander, Tex. Lever.....	862,468	Aug. 6	614	163	129	2280
Giller, John A., Alton, Ill. Combined bed and rack for wagons.....	863,382	Aug. 13	2045	553	129	2755
Gillespie, Alan K., Pittsburg, Pa. Cheese-cutter.....	856,950	June 11	2925	613	128	2465
Gillespie, Alfred J., Atlantic, Iowa, assignor to U. S. Standard Voting Machine Company, Rochester, N. Y. Voting-machine.....	849,123	Apr. 2	1030	208-9	127	1851
Gillespie, Alfred J., assignor, by mesne assignments, to U. S. Standard Voting Machine Co., Rochester, N. Y. Voting-machine.....	857,800	June 25	4596	973-4	128	2960
Gillespie, Alfred J., assignor to U. S. Standard Voting Machine Company, Rochester, N. Y. Interlocking mechanism.....	860,600	July 16	3504	964	129	1222

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Gillespie, Andrew J. (See Conrader and Gillespie.)						
Gillespie, James T. (See Kinkead and Gillespie.)						
Gillespie, John H., Beallsville, Ohio. Saddle.	854,086	May 21	3507	723	128	966
Gillespie, John S., <i>et al.</i> (See Owings, George R., assignor.)						
Gillespie, Robert T., Bloomfield, N. J. Adjustable cleaning-brush.	873,308	Dec. 10	2072	433	131	1527
Gillespie, Thomas H., South Orange, N. J. Metal column.	845,350	Feb. 26	5242	1111	126	3210
Gillespie, Zacharias, Benton county, Iowa. Traction-wheel.	862,553	Aug. 6	773	206	129	2323
Gillet, Joseph, Schöneberg, near Berlin, assignor to Siemens & Halske, A. G., Berlin, Germany. Instrument for determining the position of an organ or the like within human bodies.	870,506	Nov. 5	996	271	131	322
Gillett, Henry M., Grand Rapids, Mich. Fire-extinguisher.	856,050	June 4	1154	244	128	1985
Gillett, John W., and G. I. Martin, Atlantic, Iowa. Vending-machine.	864,891	Sept. 3	203	57	130	63
Gillette, King C., Boston, Mass. Bottle-seal.	856,400	June 11	1916	394	128	2214
Gillette Safety Razor Company. (See King, Frederick B., assignor.)						
Gillies, Alexander, Heidelberg, Victoria, Australia. Pneumatic milking apparatus. (Reissue).	12,734	Dec. 24	5362	1121	131	2125
Gillies, James H., Auburn, Victoria, Australia. Treatment of zinciferous ores and metallurgical products.	875,424	Dec. 31	6367	1327	131	2312
Gillies, James H., Auburn, Victoria, Australia. Apparatus for leaching ores and the subsequent separation of the liquids from the solids.	875,425	Dec. 31	6370	1328	131	2312
Gillies, John S., assignor of one-half to M. A. Clarke, Manila, Philippine Islands. Defibrating-machine.	859,878	July 9	2403	653	129	828
Gillihan, Rufus M. (See Miller, Robert, assignor.)						
Gilliland, Lee O., <i>et al.</i> (See Sharpneck, William S., assignor.)						
Gillin, Margaret. (See Gillin, Robert F., assignor.)						
Gillin, Margaret. (See Gramlich, Henry, assignor.)						
Gillin, Robert F., New York, assignor to M. Gillin, Brooklyn, N. Y. Plumbing fixture for lavatories.	866,642	Sept. 24	2901	817	130	998
Gillmore, Lillian E., Huron, Ohio. Window-curtain bracket.	844,514	Feb. 19	3331	717	126	2697
Gilman Automatic Filter Company. (See Gilman, George H., assignor.)						
Gilman, Charles D., Oakland, Cal. Tire repair and protective device.	852,113	Apr. 30	6879	1437	127	3476
Gilman, George H., assignor to Sullivan Machinery Company, Claremont, N. H. Fluid-pressure-controlling device.	851,878	Apr. 30	6371	1329	127	3349
Gilman, George H., assignor to Sullivan Machinery Company, Claremont, N. H. Fluid-pressure tool.	853,921	May 14	3156	645	128	839
Gilman, George H., assignor to Sullivan Machinery Company, Claremont, N. H. Pneumatic drill-feed.	866,720	Sept. 24	3025	853	130	1043
Gilman, George H., assignor to Gilman Automatic Filter Company, Buffalo, N. Y. Filter.	861,586	July 30	5076	1393	129	1796
Gilman, John H., assignor to King & Hamilton Company, Ottawa, Ill. Conveying apparatus.	841,085	Jan. 8	2605	570	126	870
Gilman, Lyman J., Pinemount, Fla. Plow.	846,789	Mar. 12	2150	472	127	577
Gilman, Myron A. (See Moore, Hiram C., assignor.)						
Gilman, Myron A., Westfield, Mass. Folding lunch-box.	858,278	June 25	5544	1185	128	3199
Gilman, Willard H., Medford, Mass., assignor, by mesne assignments, to International Telemeter Company. Controlling mechanism for electric signaling systems.	864,129	Aug. 20	3152	873	129	3128
Gilman, Willard H., Medford, Mass., assignor, by mesne assignments, to International Telemeter Company. Electric signaling system.	870,622	Nov. 12	1176	319-21	131	416
Gilman, Willard H., Medford, and C. B. Kendall, Malden, Mass., assignors, by mesne assignments, to C. B. Kendall. Apparatus for advertising, &c.	843,889	Feb. 12	2068	443	126	2344
Gilmartin, Michael W., Brooklyn, N. Y. Attaching device.	848,895	Apr. 2	607	120	127	1744
Gilmer, John T., Pensacola, Fla. Sap and gum extractor.	858,380	July 2	26	9	128	10
Gilmer, John T., assignor of one-half to T. A. Jennings, Pensacola, Fla. Non-refillable bottle.	841,860	Jan. 22	4168	897	126	1186
Gilmer, John T., assignor of one-half to T. A. Jennings, Pensacola, Fla. Bottle-closure.	842,145	Jan. 22	4725	1010	126	1318
Gilmer, Joseph, Aucilla, Fla. Dumping device.	863,026	Aug. 13	1490	405	129	2579
Gilmer, Joseph, assignor of one-half to A. A. Bishop, Aucilla, Fla. Gin-rib.	853,235	May 14	1750	364	129	475
Gilmore, Benjamin V., Red House Shoals, W. Va. Coal-drill.	870,281	Nov. 5	641	171	131	209
Gilmore, Edward E., Philadelphia, Pa. Insulated crossover for electric railways.	842,781	Jan. 29	6130	1293	126	1707
Gilmore, Edward E., Philadelphia, Pa. Mechanical ear for trolley-wires.	844,792	Feb. 19	4145	883	126	2895
Gilmore, Edward E., Philadelphia, Pa. Acute-angle crossing for electric railways.	849,994	Apr. 9	2654	556	127	2298
Gilmore, Edward L., assignor of one-half to D. F. Anderson, Youngstown, Ohio. Fishing-reel.	871,167	Nov. 19	2122	569	131	721
Gilmore, George, assignor to Electric Filter Company, Alliance, Ohio. Switch.	853,922	May 14	3159	646	128	840
Gilmore, H. Blake, <i>et al.</i> (See Betts, Lewis F., assignor.)						
Gilmore, Howard, Brookline, Mass. Manufacturing reflector incandescent lamps.	870,233	Nov. 5	566	152	131	185
Gilmore, John W., New York, N. Y., assignor to Crouch & Fitzgerald. Garment receptacle, rack, and the like.	852,554	May 7	348	62	128	95
Gilmore, Robert F., and W. C. Cook, Montpelier, Ind. Railway-switch.	873,536	Dec. 10	2523	532-3	131	1604
Gilmore, Thomas, Jr., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Controller.	871,220	Nov. 19	2228	589	131	738
Gilmore, W. R. (See Lane, Enoch J., assignor.)						
Gilmore, William R., Williams, Cal. Oil-burner.	846,993	Mar. 12	2558	563	127	680
Gilmore, Wilmer C., assignor to Universal Voting Machine Company, Bloomington, Ill. Slide-moving device for voting-machines.	853,169	May 7	1591	331	128	402
Gilmore, Wilmer C., assignor to Universal Voting Machine Company, Bloomington, Ill. Ball-feeding mechanism.	857,993	June 25	5003	1056-7	128	3062
Gilmour, John, Owensboro, Ky. Machine for making casks.	860,973	July 23	4105	1124-5	129	1451
Gilmour, John, Owensboro, Ky. Cask.	866,014	Sept. 17	1972	550	130	677
Gilroy, Frank J., Buffalo, N. Y. Locking-hinge.	872,650	Dec. 3	692	145	131	1277
Gilroy, Frank J., Buffalo, assignor of three-fourths to A. H. Smith, New York, N. Y., J. H. Southard, Toledo, Ohio, J. F. Desmond, New York, N. Y., and W. Greene, Washington, D. C. Refrigerating-car.	855,768	June 4	629	128-9	128	1866
Gilsa, Adolf L. K. E. von u. zu, Mönchhof, near Abterode, and A. Karst, Cassel, Germany. Safety appliance for theaters.	840,692	Jan. 8	1812	399-400	126	507
Gilson, Walter S., Benton Harbor, Mich. Trunk-tray form.	870,949	Nov. 12	1731	474	131	591
Gilstrap, James M., Oakland, Cal. Elevated electric railway.	845,459	Feb. 26	5465	1156-7	126	3265
Gimson, Arthur J. (See Gimson, Josiah M., J., A. J., and S. A.)						
Gimson, Josiah. (See Gimson, Josiah M., J., A. J., and S. A.)						
Gimson, Josiah M., J., A. J., and S. A., Leicester, England. Automatic clamping pressure mechanism.	844,515	Feb. 19	3332	717	126	2697
Gimson, Josiah M., J., A. J., and S. A., Leicester, England. Nailing or riveting machine.	855,454	June 4	27	6-7	128	1702
Gimson, Sydney A. (See Gimson, Josiah M., J., A. J., and S. A.)						
Gin, Gustave, Paris, France. Electric furnace.	869,432	Oct. 29	3503	961-2	130	2487
Ginaca, Henry G., Honolulu, Hawaii. Apron-conveyer.	848,236	Mar. 26	5043	1102-3	127	1361
Ginaca, Henry G., assignor of two-fifths to A. Gartenberg, Honolulu, Hawaii. Machine for cutting sugar-cane.	853,967	May 21	3259	668-70	128	905

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Ginaca, Henry G., assignor of two-fifths to A. Gartenberg, Honolulu, Hawaii. Machine for cutting and conveying sugar-cane.	854,208	May 21	3747	774-5	128	1029
Ginn, Robert J. (See Hall, John R., assignor.)						
Ginn, William M., Plymouth, Miss. Automatic time lighting device.	845,774	Mar. 5	82	17	127	24
Gipe, William W., assignor of one-half to A. E. Ehle, East Germantown, Ind. Cement burial-vault.	864,241	Aug. 27	3329	922	129	3212
Girard, Joseph T., Deer River, Minn. Steering-gear for vehicles.	853,968	May 21	3263	670	128	906
Giraud, Emile, Paris, France. Safety device for overhead electric conductors.	845,034	Feb. 19	4594	977-8	126	3007
Girod, Franz, Mannheim, Germany. Force-pump.	845,407	Feb. 26	5353	1135	126	3237
Giron, Pierre, Paris, France. Apparatus for charging siphons or seltzogenes.	872,812	Dec. 3	1029	216-17	131	1330
Giroud, Felipe, assignor to American Wrapping and Box Machine Company, New York, N. Y. Cigarette-box making and packing machine.	846,658	Mar. 12	1906	419-20	127	516
Giroux, Jean F., Montreal, Quebec, Canada. Furnace.	857,617	June 25	4229	894	128	2866
Girtanner, Frederick, Cleveland, Ohio, assignor, by mesne assignments, to American Stoker Company. Grate.	868,338	Oct. 15	1762	498	130	1892
Girtanner, Frederick, and C. Nill, Erie, Pa. Cleaning attachment for furnace-grates.	863,914	Aug. 20	2833	779-80	129	3033
Girtman, Daniel, Hazlehurst, Ga. Shingle-sawing machine.	861,171	July 23	4390	1205	129	1542
Girton, Charles M., Jerseytown, Pa. Water-motor.	867,817	Oct. 8	907	257	130	1610
Gish, Shelby, et al. (See Hallinan, William, assignor.)						
Gisske, Walter P., Los Angeles, Cal. Trolley.	870,950	Nov. 12	1732	474	131	592
Githens, George S., Boston, Mass. Fracturing rock.	853,546	May 14	2370	494	128	640
Gits, Alphons H., Chicago, Ill. Drive-belt.	875,426	Dec. 31	6374	1328	131	2313
Giussani, Giovanni, Ealing, London, assignor to Duke, Waring, Crisp & Co., London county, England. Loom for making wire fabric.	843,529	Feb. 5	1387	292-3	126	2140
Given, John L., Thompkins Cove, N. Y. Making concrete walls.	843,937	Feb. 12	2169	464	126	2371
Giwowsky, Solomon, Wichita, Kans. Crate for shipping merchandise.	868,980	Oct. 22	2787	769	130	2237
Gjuka, Georg E., Trelleborg, Sweden. Hydraulic rock-drill.	869,893	Nov. 5	33	10	131	13
Glad, George H., assignor of one-third to F. Schumm, St. Louis, Mo. Car-fender.	858,806	July 2	782	204-5	129	273
Gladding, Charles E., Columbia Cross Roads, Pa. Mail-delivery apparatus.	865,695	Sept. 10	1463	413-14	130	477
Gladding, Jesse G., Riverside, R. I. Combined ladder-hook, spanner, and hose-carrier.	845,709	Feb. 26	5929	1253	126	3381
Gladding, Samuel E., Jersey City, N. J. Device to prevent sea-dumped garbage from being thrown onto the beach.	874,497	Dec. 24	4487	944	131	1986
Glading, Samuel, Minneapolis, Minn. Garment-fastener.	867,031	Sept. 24	3498	993	130	1191
Glanville, Paul A. (See Hardy, Jesse I., assignor.)						
Glarnier, Eduard, assignor to Firm of F. Glarnier, Gossau, Switzerland. Bolting-machine.	859,448	July 9	1749	467	129	620
Glarnier, Firm of F. (See Glarnier, Eduard, assignor.)						
Glas, Adolf, Berlin, Germany. Manufacture of milk-powder.	843,938	Feb. 12	2170	.....	126	2371
Glascock, Alfred E., et al. (See Wissler, Jacob, assignor.)						
Glascock, Alfred E., Washington, D. C., assignor, by mesne assignments, to Industrial Transportation Company. Traction-wheel.	841,507	Jan. 15	3450	743	126	969
Glascock, Alfred E., Washington, D. C., assignor, by mesne assignments, to Farm Motor Company. Traction-wheel.	870,163	Nov. 5	445	123	131	146
Glascock, Bros. Mfg. Co. (See Dyer, Samuel, assignor.)						
Glascock, George, Veedersburg, Ind. Concrete bridge.	846,659	Mar. 12	1910	420	127	516
Glasel, Charles J., Boston, Mass., assignor to T. Latzlsperger, Sault aux Reclollets, Canada. Coloring and tanning apparatus.	854,415	May 21	4121	854	128	1125
Glaser, Charles, Baltimore, Md. Making camphor.	864,162	Aug. 27	3212	.....	129	3174
Glaser, Charles, Baltimore, Md. Producing camphor from camphene, isborneol, or other camphor-producing substances.	875,062	Dec. 31	5653	.....	131	2197
Glasgow, Walter S., Toledo, Ohio. Railway-rail fastener.	855,053	May 28	5403	1122	128	1479
Glazier, Johnson J. (See Glazier and Glasier.)						
Glazier, Frank F., and J. J. Glasier, Springfield, S. D. Computing device.	858,974	July 2	1043	274	129	356
Glaserud, Christian G., Shyenne, N. D. Lubricator.	846,301	Mar. 5	1152	253	127	292
Glass, George G., Hoopston, Ill. Can-feeding mechanism for canning-machines.	848,736	Apr. 2	234	46-7	127	1646
Glass, George G., Hoopston, Ill. Can-capping machine.	874,956	Dec. 31	5446	1139-40	131	2162
Glass, Mendel L., assignor to Gram & Glass Cap Company, St. Louis, Mo. Cap.	857,000	June 11	3035	639	128	2495
Glass, Perley R., Boston, Mass., assignor to Peerless Machinery Company. Covering eyelets with a flexible material.	849,605	Apr. 9	1967	402-3	127	2123
Glass, Perley R., Boston, Mass., assignor to Manufacturers Machine Company, Montclair, N. J. Staple-tacker.	871,991	Nov. 26	3899	940-2	131	1024
Glass, Perley R., Quincy, assignor to L. Muther, Boston, Mass. Liquid-applying device.	874,359	Dec. 17	4208	886	131	1909
Glass, Perley R., Quincy, Mass., and L. Muther, Denver, Colo.; said Glass assignor to Peerless Machinery Company, Boston, Mass. Gage.	846,660	Mar. 12	1911	420	127	516
Glass, William T., assignor of one-half to A. D. Hungerford, Napanoch, N. Y. Door-operating means.	851,592	Apr. 23	5773	1207-8	127	3165
Glassbrooke, Myron D., Angola, Ind. Horseshoe-pad.	866,127	Sept. 17	2146	597	130	731
Glassburn, William H., Glenwood, Iowa. Pitman connection.	840,455	Jan. 1	1342	298	126	350
Glassco, Robert C., Anderson, Ind. Fence-post.	852,555	May 7	351	63	128	96
Glasscock, Lucius L. (See Rives, Edwin A., assignor.)						
Glasscoe, Thomas H., Wanstead, England. Carbureted-air apparatus.	842,846	Jan. 29	6255	1321-2	126	1738
Glaus, Arnold. (See Bellmann, Charles, assignor.)						
Glauser, John J., assignor to Edward E. Rieck Company, Pittsburg, Pa., Refrigerating apparatus.	871,397	Nov. 19	2631	672-3	131	799
Glaze, Edward. (See Morris, John E., assignor.)						
Glaze, Frederick E., Victor, Colo. Lock for feed-screws for rock-drilling engines.	843,144	Feb. 5	624	132	126	1954
Glaze, Frederick E., Victor, assignor to Eureka Drill Steel Company, Cripple Creek, Colo. Rock-drill.	849,229	Apr. 2	1234	251	127	1904
Glazer, George F., Philadelphia, Pa., assignor to Quong King Long Company, New York, N. Y. Ironing-machine.	844,016	Feb. 12	2303	493	126	2403
Glazier, Frank T., et al. (See Richter, Otto F., assignor.)						
Glazier, Harold P., assignor to Glazier Stove Company, Chelsea, Mich. Alcohol-burner.	870,164	Nov. 5	446	123	131	146
Glazier, Harold P., assignor to Glazier Stove Company, Chelsea, Mich. Hydrocarbon-burner.	871,992	Nov. 26	3905	942	131	1024
Glazier, John T., et al. (See Richter, Otto F., assignor.)						
Glazier, John T., and C. C. Parker, assignors of one-third to C. J. Clark, Indianapolis, Ind. Window-ventilator.	864,033	May 21	3385	697	128	935
Glazier, Louis H., assignor to J. Ottmann Lithographing Co., New York, N. Y. Mechanical card.	850,150	Apr. 16	2951	618	127	2410
Glazier Stove Company. (See Glazier, Harold P., assignor.)						
Gleason, Edward D., Philadelphia, Pa., assignor, by mesne assignments, to Victor Talking Machine Company, Camden, N. J. Sound-box for talking-machines.	846,024	Mar. 5	621	130	127	160
Gleason, Edward D., Philadelphia, Pa., assignor to Victor Talking Machine Company. Sound-box.	850,883	Apr. 16	4367	916	127	2776
Gleason, Horace F., Malden, Mass. Lamp-chimney holder.	862,900	Aug. 13	1304	355	129	2518
Gleason, James E., assignor to Gleason Works, Rochester, N. Y. Gear-cutting machine.	842,455	Jan. 29	5422	1150-2	126	1536
Gleason, John L., Boston, Mass. Universal outlet or junction box.	864,781	Sept. 3	22	7	130	10

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Gleason Works. (See Gleason, James E., assignor.)						
Gledhill, John J., St. Louis, Mo. Vehicle for carrying brick	841,683	Jan. 22	3791	824	126	1087
Gledhill, John J., St. Louis, Mo. Vehicle for carrying brick	865,299	Sept. 3	824	237-8	130	249
Gleim, Dietrich, Hastings, Minn. Hame attachment	842,400	Jan. 29	5299	1123	126	1504
Gleinch, Arthur, Königs-Wusterhausen, assignor to Deutsche Waffen-und Munitionsfabriken, Berlin, Germany. Projectile for hand-firearms	841,861	Jan. 22	4171	898	126	1187
Glen, Mary A., Elizabeth, N. J. Transformable toy	855,944	June 4	971	202	128	1939
Glenn, Frederick B., assignor of one-half to J. H. Guthrie, Lynchburg, Va. Adding-machine	866,355	Sept. 17	2491	695	130	841
Glenn, James H., and M. Reule, La Fayette, Ind. Pressure-controller	866,643	Sept. 24	2903	817	130	999
Glenn, William H., assignor of one-half to B. Hardie, El Paso, Tex. Display-stand	848,237	Mar. 26	5045	1103-4	127	1362
Glens Falls Improved Trolley Fork Company. (See Hibbard, Charles and W., assignors.)						
Glenton, Frederico, Jr., Johnstown, Pa., assignor to Lorain Steel Company. Adjustable guard-rail fastener	843,939	Feb. 12	2172	464	126	2371
Glessner, A. W. (See Scherer, Albert G., assignor.)						
Glessner, Arthur W. (See Scherer and McKee, assignors.)						
Glessner, Charles E., Ouray, assignor of one-half to C. Anderson, Telluride, Colo. Tripping mechanism for machinery	840,127	Jan. 1	693	148-9	126	189
Glessner, Charles E., Ouray, assignor of one-half to C. Anderson, Telluride, Colo. Speed-regulator	868,604	Oct. 15	2198	612-13	130	2131
Gletty, Fred, Sheridan, Ill. Harrow	863,983	Aug. 20	2934	808	129	3062
Glickert, John E., and A. L. Swigert, Jr., Indianapolis, Ind. Clencher-tire-releasing tool	840,207	Jan. 1	856	185	126	232
Glidden, Charles C., Birmingham, Ala. Ruling device	848,545	Mar. 26	5643	1236	127	1508
Glidden, Oscar F., Grand Rapids, Mich. Wading-boot	848,821	Apr. 2	448	88	127	1700
Glidden, Oscar F., Grand Rapids, Mich. Flush-tank	865,300	Sept. 3	825	238	130	250
Glidie, Albert, New York, N. Y. Rotary engine	847,761	Mar. 19	4111	897-8	127	1093
Globe Automatic Sprinkler Company. (See Garrett, Charles B., assignor.)						
Globe Ear Phone Company. (See Clarke, Lewis F., assignor.)						
Globe-Wernicke Company. (See Blaine, John E., Jr., assignor.)						
Globe-Wernicke Company. (See Carnahan, Charles M., assignor.)						
Glock, Eugene F., Detroit, Mich. Clamping device	875,344	Dec. 31	6209	1295	131	2286
Gloe, John F., Manning, Iowa. Loose-leaf indexed ledger	856,861	June 11	2769	576	128	2428
Gloe, John F., Manning, Iowa. Loose-leaf binder	861,968	July 30	5654	1568-9	129	3740
Gloekler, Charles A., Pittsburg, Pa. Door	851,879	Apr. 30	6372	1329	127	3349
Glogau, Carl, Stuttgart, Germany. Arrangement of the filament for high-voltage incandescent electric lamps of high efficiency	860,601	July 16	3506	964-5	129	1223
Glor, Alvin J. (See Glor and West.)						
Glor, Robert M. and A. J., and W. P. West, Attica, N. Y. Carrier for ensilage and other things	855,398	May 28	6051	1264	128	1642
Glorieux, William L., Jr., Irvington, and V. F. Struck, Newark, N. J. Brush	866,784	Sept. 24	3122	879	130	1075
Glosap, John H., Nottawa, Mich. Nut-lock	874,760	Dec. 24	5025	1059	131	2073
Glossinger, John. (See Johnson, Oscar L., assignor.)						
Glossop, Gilbert, assignor to T. H. Bradbury, Leeds, England, and A. M., R., and J. W. C. Niven, Johannesburg, Transvaal. Apparatus for making and sharpening rock-drills. (Reissue)	12,614	Mar. 5	1455	324	127	367
Glover, Arthur C., Ipswich, and W. E. Hadlock, Wenham, Mass. Compass-light	842,092	Jan. 22	4595	987	126	1284
Glover, Charles A., New York, N. Y. Oil-shell	841,580	Jan. 15	3453	743	126	970
Glover, George T., Chicago, Ill. Motor-vehicle	840,930	Jan. 8	2288	502-4	126	625
Glover, Samuel. (See Young and Glover.)						
Glover, William S., Denver, Colo. Ironing-table	864,462	Aug. 27	3666	1019	129	3321
Gloversville Silk Mills. (See Möller, Johan P., assignor.)						
Glowski, Paul, Thorp, Wis. Cultivator for sugar-beets	859,175	July 2	1329	353-4	129	448
Gluchowski, Kazimir, Baltimore, Md. Buckle	869,776	Oct. 29	4047	1117	130	2651
Glynn, Clarissa E., Alamosa, Colo. Dashboard-pocket	865,031	Sept. 3	424	112	130	130
Glynn, Guilford C. (See Smith and Glynn.)						
Glynn, Michael A., Habana, Cuba. Railway-tie	861,969	July 30	5656	1569	129	1971
Gmeiner, Alphonson J., et al. (See Gmeiner, William, assignor.)						
Gmeiner, William, assignor of one-half to J. A. Cameron and A. J. Gmeiner, Pittsburg, Kans. Nut-lock	842,647	Jan. 29	5824	1230	126	1633
Gminder, Wilhelm, New York, N. Y. Electric controlling-switch	853,688	May 14	2664	549	128	719
Gnaegy, Albert. (See Proctor and Gnaegy.)						
Gnoss, Josef A., Scranton, Pa. Figure-weaving attachment for dobby-looms	846,198	Mar. 5	967	205-6	127	245
Gobbe, Emile, Jumet, Belgium. Thermic compressor for air and gases	846,302	Mar. 5	1155	253	127	293
Gobbe, Olivier A., Jumet, Belgium. Distilling coal	852,268	Apr. 30	7152	1498-9	127	3546
Gobeil, Adélar J., assignor of one-half to Deetz & Co., Duluth, Minn. Window frame and sash	845,298	Feb. 26	5143	1091-2	126	3187
Gobel, David, Zanesville, Ohio. Monkey-wrench	849,230	Apr. 2	1235	251	127	1904
Goben, Edward F., Lehigh, Ind. Ter. Neck-yoke	859,760	July 9	2213	603	129	772
Gobie, Edwin E., Brattleboro, Vt. Paper-hanger's trimmer	855,301	May 28	5890	1228	128	1602
Goble, James F. S., assignor of one-half to W. O. Bock and O. C. Tartt, New Alonion, Iowa. Gate	844,930	Feb. 19	4386	937-8	126	2954
Goble, Roland L. (See Carmine and Goble.)						
Goblet-Dolan Company. (See Goblet, William H., assignor.)						
Goblet, William H., New York, N. Y., assignor to Goblet-Dolan Company. Yacht pump-closet	863,843	Aug. 20	2727	751	129	2999
Gocher, John W., Johnstown, Pa. Blast-furnace top	851,128	Apr. 23	4812	1014	127	2924
Goddard, Clair E., et al. (See Taylor, James M., assignor.)						
Goddard, Fred D., Everett, assignor to Walker-Pratt Manufacturing Company, Boston, Mass. Urn	855,702	June 4	492	102	128	1821
Goddard, George F., St. Louis, Mo. Carpet-cleaner	874,584	Dec. 24	4675	982	131	2015
Goddard, George M., assignor of one-half to G. C. Thrall, Rutland, Vt. Keyboard telegraph-transmitter	850,364	Apr. 16	3358	701-2	127	2520
Goddard, George W., Philadelphia, Pa. Safety car-signaling device	875,063	Dec. 31	5654	1179-80	131	2197
Goddard, James R., New Bedford, Mass. Extension-ladder	843,204	Feb. 5	755	155	126	1986
Goddard, John W., et al. (See Vinton, John H., assignor.)						
Goddard, Harry W. (See Dupré, Wilfred, assignor.)						
Goddu, George, Winchester, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Eyeletting-machine	874,669	Dec. 24	4840	1017	131	2044
Goddu, Louis, Winchester, Mass., assignor to Goddu Sewing Machine Company, Portland, Me. Welt-shaping machine	853,509	May 14	2300	476	128	625
Goddu Sewing Machine Company. (See Goddu, Louis, assignor.)						
Godfrey, Alfred, London, England. Apparatus for wrapping cigarettes with tin-foil or the like	870,623	Nov. 12	1182	321-2	131	418
Godfrey, Jonathan, assignor to Compressed Paper Box Company, Bridgeport, Conn. Dies for forming boxes from pasteboard	858,172	June 25	5365	1141	128	3153

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Godfrey, Philip J., Taunton, Mass. Handle for coffee or tea pots.....	847,175	Mar. 12	2906	639	127	764
Godfrey, Raleigh W., Elyria, assignor of one-half to H. F. Thompson, Lexington, Ohio. Gas-engine starter.....	867,122	Sept. 24	3631	1031	130	1230
Godfrey, Richard. (See Macdonald, Thomas A., assignor.)						
Godfrey, William, Seattle, Wash. Wrench.....	862,469	Aug. 6	615	164	129	2280
Godlewski, William A., St. Louis, Mo. Sash-fastener.....	874,842	Dec. 24	5162	1087	131	2100
Godley, George, Sarnia, Ontario, Canada. Jewelry-clasp.....	874,957	Dec. 31	5453	1140	131	2162
Godsey, Henry M., Cleburne, Tex. Bearing.....	866,272	Sept. 17	2358	655	130	800
Godward Ernest R., Invercargill, New Zealand. Egg-beater, whisk, &c.....	846,661	Mar. 12	1913	421	127	517
Godward, Ernest R., Invercargill, New Zealand. Egg-beater.....	846,662	Mar. 12	1914	421	127	517
Godward, Ernest R., Invercargill, New Zealand. Tooth-powder retainer.....	853,405	May 14	2092	435	128	568
Godwin, Ellis, Concord, N. C. Apparatus for raising and lowering poles.....	869,894	Nov. 5	35	10	131	13
Goe, David E., Madison, Wis. Safety-razor.....	858,649	July 2	513	132	129	178
Goe, David E., Madison, Wis., assignor, by mesne assignments, of three-fifths to Steel Products Company, Chicago, Ill. Safety-razor.....	856,343	June 11	1765	367	128	2174
Goeb, Rudolph W., St. Louis, assignor to Lewis Publishing Company, University City, Mo. Clamping type in type-galleys.....	848,896	Apr. 2	609	121	127	1744
Goebel, Max. (See Ferrell, Frank J., assignor.)						
Goebler, John A., Albany, Ind. Bottle-wire cutter.....	853,969	May 21	3264	670	128	906
Goekeler, Frederick A., Worcester, Mass. Treating manure.....	874,362	Dec. 17	4153	.....	131	1899
Goedeke, Frederick W., Evansville, Ind. Rotary cutter-head.....	867,222	Sept. 24	3803	1073	130	1287
Goehler, George J. H., Richmond, Va. Safe.....	851,880	Apr. 30	6374	1329-30	127	3350
Goehns, George W., Philadelphia, Pa. Bottle-washing machine.....	874,958	Dec. 31	5453	1140	131	2163
Gochms, George W., assignor to E. J. Miller, Philadelphia, Pa. Furnace regulation.....	860,974	July 23	4107	1125	129	1451
Goehring, John R., assignor to T. B. Belfield, Philadelphia, Pa. Pressure-gage.....	857,049	June 18	3135	660	128	2561
Goepfert, George, <i>et al.</i> (See Naujoks, Carl and F. C., assignors.)						
Goerdes, Frederick W., Newark, N. J. Button.....	842,782	Jan. 29	6132	1294	126	1707
Goergen, Frank J., and F. J. Diederich, Granville, Iowa; said Diederich assignor of one-sixth to said Goergen. Ditching-machine.....	840,617	Jan. 8	1686	369-70	126	476
Goerlinger, Franz, Barmen, Germany. Folding hat-stand.....	872,929	Dec. 3	1272	271	131	1367
Goertz, August. (See Schneider, Adolf J., assignor.)						
Goesel, John G. (See Kletzker and Goesel.)						
Goetschius, Howard B., Dumont, N. J. Cyanid process.....	840,840	Jan. 8	2096	465	126	576
Goettel, John. (See Rood and Goettel.)						
Goettler, Joseph, Chicago, Ill. Key-tag and the way of connecting it to keys.....	861,456	July 30	4889	1340	129	1734
Goetze, John, Carlstadt, N. J. Brooder.....	868,262	Oct. 15	1631	461	130	1855
Goetz, Otto. (See Van Buggenhoudt, René, assignor.)						
Goff, David P., De Soto, Mo. Hitching device.....	853,631	May 14	2548	528	128	687
Goff, Frank C., Denver, Colo. Steam-heating system.....	841,389	Jan. 15	3224	695	126	909
Goff, Lewis S., assignor of one-third to O. J. Chambers, Spencer, W. Va. Pruning implement.....	870,282	Nov. 5	641	172	131	209
Goffin, Joseph E., Oudenbosch, Netherlands. Acetylene-gas generator.....	868,425	Oct. 15	1902	533	130	1934
Goforth, Marshall T., and N. R. Sheets, Wichita, Kans. Lawn-mower sharpener.....	850,922	Apr. 23	4452	931-2	127	2836
Gogel, Franz, Kehl, Germany. Roller-stamp.....	872,337	Dec. 3	35	7	131	1175
Gogel, Jacob, Toledo, Ohio. Hydrocarbon-burner.....	868,084	Oct. 15	1369	383	130	1774
Goggin, Roy A., Estherville, Iowa. Ditch-cleaning shovel.....	861,107	July 23	4308	1183	129	1516
Gohl, John F., Philadelphia, Pa. Brush.....	845,408	Feb. 26	5355	1136	126	3237
Gohmann, Charles L., assignor of two-thirds to E. G. Gohmann and J. Kahler, New Albany, Ind. Stove.....	842,196	Jan. 29	4850	1035	126	1382
Gohmann, Edmund G., <i>et al.</i> (See Gohmann, Charles L., assignor.)						
Gohrband, Bernard, assignor to E. Goldman & Co., Inc., Chicago, Ill. Bottle-washer brush.....	853,582	May 14	2438	507	128	659
Goit, William R., Oklahoma, Okla. Ter. Dumping-body.....	855,302	May 28	5892	1228	128	1602
Golbert Last Company. (See Finquist, Gustaf E., assignor.)						
Golbert, Robert L. (See Howe, Henry E., assignor.)						
Gold, Adolf J., Helena, Mont. Machine for traveling on snow.....	855,882	June 4	852	176	128	1909
Gold, Edward, Vancouver, British Columbia, Canada. Machine for imparting spiral movement to piles.....	868,339	Oct. 15	1763	498-9	130	1593
Gold, Edward E., New York, N. Y. Steam-heating system for railway-cars.....	850,923	Apr. 23	4455	932	127	2837
Gold, Edward E., New York, N. Y. Electric heater.....	850,924	Apr. 23	4458	932-3	127	2837
Gold, Edward E., New York, N. Y. Steam-heating system for railway-cars.....	852,019	Apr. 30	6703	1393	127	3432
Gold, Edward E., New York, N. Y. Gravity hose-coupling.....	859,936	July 16	2493	677	129	890
Gold, Edward E., New York, N. Y. Heating apparatus for fruit-cars.....	867,266	Oct. 1	52	16-17	130	1331
Gold, Egbert H. (See Reniff, James R., assignor.)						
Gold, Egbert H. (See Schreiber, Edward A., assignor.)						
Gold, Egbert H., Chicago, Ill. Coupling.....	846,994	Mar. 12	2559	563	127	680
Gold, Egbert H., Chicago, Ill. Engine.....	848,985	Apr. 2	746	151-2	127	1778
Gold, Egbert H., Chicago, Ill. Low-pressure fluid-heating system.....	868,772	Oct. 22	2471	683	130	2141
Gold, Egbert H., Chicago, Ill. Fitting for fluid-supply systems.....	872,338	Dec. 3	36	7	131	1175
Gold, Heiman, New York, N. Y. Bed-pan.....	849,472	Apr. 9	1695	342	127	2056
Gold, Myer, San Francisco, Cal., assignor to McIntire, Magee & Brown, Philadelphia, Pa. Evenglass-spring.....	844,999	Feb. 19	4518	964	126	2987
Goldback, Louis, <i>et al.</i> (See Eastman, Harry E., assignor.)						
Goldberg, Samuel, New York, N. Y. Merchandise-exhibitor.....	857,391	June 18	3783	802	128	2724
Golden, Daniel J., Brockton, Mass. Base-ball shoe.....	860,024	July 16	2646	719	129	940
Golden, John P., Columbus, Ga. Gearing for cane-mills.....	848,025	Mar. 26	4693	1023	127	1272
Golden, John R., Spring Lake township, Tazewell county, Ill. Traction-wheel.....	861,457	July 30	4890	1340	129	1734
Golden, Julius B., Wolcott, Vt. Music-leaf turner.....	848,897	Apr. 2	610	121	127	1745
Golden, Martin V., Hopewell, Pa. Nut-retainer.....	848,737	Apr. 2	236	47	127	1647
Golden, Samuel, Buffalo, N. Y. Hull for vessels.....	867,654	Oct. 8	653	185	130	1533
Golden, Welford J. (See Edgerton and Golden.)						
Goldfart, Nathan J., assignor to Commercial Adding Machine Co. Calculating-machine.....	844,120	Feb. 12	2491	535	126	2449
Goldfin, August, Cleveland, Ohio. Water-heater.....	851,985	Apr. 30	6593	1374	127	3404
Goldfein, Maurice, assignor of one-half to Central Brass Manufacturing Company, Cleveland, Ohio. Trap for liquids.....	869,174	Oct. 22	3078	849	130	2328
Goldin, Horace, London, England. Means for producing stage illusions.....	865,966	Sept. 10	1892	530	130	621
Goldin, Horace, London, England. Means for producing stage illusions.....	867,879	Oct. 8	1003	286	130	1640
Goldin, Horace, London, England. Valise, dressing-case, and the like.....	873,855	Dec. 17	3176	675-6	131	1745
Golding, John F., Washington, D. C., assignor to Monolith Steel Company, Incorporated. Electrical grounding device.....	847,935	Mar. 19	4481	983	127	1183
Golding, William H., Franklin, Mass. Paper-cutter.....	851,413	Apr. 23	5421	1135	127	3078
Goldman, Benjamin F., San Francisco, Cal. Can-cover.....	849,064	Apr. 2	903	185	127	1818
Goldman, Gustav, Baltimore, Md. Making fabric containing haircloth.....	840,841	Jan. 8	2099	126	577

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Goldman, Gustav, Baltimore, Md. Apparatus for making garment-pads.	842,093	Jan. 22	4596	988	126	1285
Goldman, Gustav, Baltimore, Md. Making garment-pads.	850,151	Apr. 16	2952	618-19	127	2410
Goldman, Gustav, Baltimore, Md. Dusting apparatus.	858,508	July 2	255	62	129	92
Goldman, Gustav, Baltimore, Md. Steam-table.	869,895	Nov. 5	37	10	131	14
Goldman, Gustav, Baltimore, Md. Making garment-pads.	873,999	Dec. 17	3439	731-2	131	1791
Goldamer, Benjamin F., and R. C. Hall, Cynthiana, Ky. Carrier.	849,124	Apr. 2	1034	209	127	1852
Goldrick, Harry C., Indianapolis, Ind., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone trunking system.	845,077	Feb. 26	4681	995	126	3068
Goldsborough, Richard H., Washington, D. C. Turbine.	840,310	Jan. 1	1047	229	126	280
Goldsborough, Richard H., Washington, D. C. Submarine boat.	842,146	Jan. 22	4727	1010-11	126	1318
Goldsborough, Richard H., Washington, D. C. Turbine.	868,653	Oct. 22	2282	632-3	130	2082
Goldsborough, Richard H., Washington, D. C. Turbine.	868,654	Oct. 22	2284	633-4	130	2082
Goldsborough, Richard H., Washington, D. C. Turbine.	868,655	Oct. 22	2286	634-5	130	2083
Goldsborough, Richard H., Washington, D. C. Turbine.	869,896	Nov. 5	39	11-12	131	14
Goldsborough, Richard H., Washington, D. C. Power system.	871,993	Nov. 26	3906	942-3	131	1024
Goldschmidt, Jakob E. (See Fleischer, Emil, assignor.)						
Goldschmidt, Anton. (See Caspari, Nydegger, and Goldschmidt.)						
Goldschmidt, Hans, assignor to Firm of Th. Goldschmidt, Essen-on-the-Ruhr, Germany. Thermic process.	875,345	Dec. 31	6210	-----	131	2286
Goldschmidt, Hans, and O. Weil, Essen-on-the-Ruhr, Germany. Manufacturing metals and compositions used therein.	860,799	July 23	3825	-----	129	1359
Goldschmidt, Karl, Brooklyn, N. Y. Varnishing composition and making same.	859,937	July 16	2496	-----	129	890
Goldsmith, Alpha O., et al. (See Spitzer, Emanuel, assignor.)						
Goldsmith, Benjamin, Connellsville, Pa. Garment-hook.	842,542	Jan. 29	5602	1185	126	1578
Goldsmith, Byron B., New York, N. Y. Fountain-pen.	840,456	Jan. 1	1343	298	126	35
Goldsmith, Byron B., New York, N. Y. Casein compound.	840,931	Jan. 8	2295	-----	126	626
Goldsmith, Byron B., New York, N. Y. Sound-record tablet.	840,932	Jan. 8	2297	504	126	627
Goldsmith, Byron B., New York, N. Y. Composition of matter.	841,509	Jan. 15	3454	-----	126	670
Goldsmith, Byron B., New York, N. Y. Eraser-holder for lead-pencils.	854,487	May 21	4256	881	128	1158
Goldsmith, Byron B., New York, N. Y. Eraser-tip for lead-pencils.	854,488	May 21	4258	881	128	1159
Goldsmith, Charles B., Waterbury, Conn. Garment-supporter.	856,249	June 11	1562	327-8	128	2123
Goldsmith, Charles P., et al. (See Goldsmith, Daniel, assignor.)						
Goldsmith, Daniel, New York, N. Y. Jeweler's tray.	862,729	Aug. 6	1041	280	129	2403
Goldsmith, Daniel, assignor to C. P. Goldsmith and I. Loeb, New York, N. Y. Tag for jewelers' use.	840,487	Jan. 8	1419	313	126	408
Goldsmith, Edwin C., Springfield, Mass. Horn-supporting appliance for phonographs.	861,108	July 23	4309	1183	129	1516
Goldsmith, Edwin C., Springfield, Mass. Horn-support.	862,554	Aug. 6	774	206	129	2323
Goldsmith, Henry C., French Camp, Cal. Horseshoe-heel cutter.	850,925	Apr. 23	4460	933	127	2838
Goldsmith, John S., New York, N. Y. Cleansing and drying machine.	861,647	July 30	5167	1418	129	1825
Goldsmith, Nathaniel O., Norwood, assignor to Weir Frog Company, Cincinnati, Ohio. Guard-rail clamp.	874,000	Dec. 17	3443	732	131	1791
Goldsmith, Oliver J., Portsmouth, N. H. Coupling for air-brake hose.	855,242	May 28	5785	1206	128	1576
Goldstein, Albion, St. Louis, Mo. Insulator.	849,606	Apr. 9	1968	403	127	2124
Goldstein, Ewald, Cologne, Germany. Bottle-cap.	858,174	June 25	5368	1142	128	3154
Goldthwait, William A., Melrose Park, Ill., assignor to Automatic Fire Protection Company. Alarm for automatic fire-extinguishers.	840,311	Jan. 1	1049	229	126	280
Golland, Henry S., Manchester, England. Spinning-mule.	873,422	Dec. 10	2300	490-2	131	1566
Golledge, William T., and R. H. Harry, London, England. Machine for cutting fabrics.	861,720	July 30	5275	1451	129	1854
Goller, John M., South Bend, Ind. Bill-board.	861,109	July 23	4311	1183	129	1517
Göllner, Béla. (See Dollinger, Charles, assignor.)						
Golombek, Sigmund, New York, N. Y. Display-holder for windows.	840,618	Jan. 8	1688	370	126	476
Golombek, Sigmund, New York, N. Y. Watch-protector.	854,347	May 21	3995	825	128	1094
Goltstein, Elise, Cologne, Germany. Bottle cap or closure for bottles, jars, or other receptacles.	874,670	Dec. 24	4844	1017	131	2044
Gomborow, Joel, Lynn, Mass., assignor to General Electric Company. Frictional gearing.	861,110	July 23	4312	1184	129	1518
Gonce, John W., Kinderhook, Ala. Buckle.	861,111	July 23	4314	1184	129	1518
Gonce, John W., Chattanooga, Tenn. Snap hook or link.	872,339	Dec. 3	39	8	131	1175
Gonzenbach, Charles A., Warren, R. I. Embroidering-machine.	840,933	Jan. 8	2299	504-5	126	627
Gooch, Phillip W., Bessemer, assignor of two-thirds to S. M. Adler, Birmingham, and J. F. Gammon, Bessemer, Ala. Feed-water regulator.	847,762	Mar. 19	4113	898	127	1094
Gooch, William W., et al. (See Bowly, Franklin H., assignor.)						
Good, Adam, Clafin, Kans. Air-compressor.	847,763	Mar. 19	4115	898-9	127	1094
Good, Charles A., Jonesboro, Ark. Gage.	847,176	Mar. 12	2906	639	127	764
Good, Charles H., et al. (See Geraghty, John P., assignor.)						
Good Form Manufacturing Company. (See Davies, Charles W. T., assignor.)						
Good, Jacob L., assignor to W. F. Stimpson Co., Detroit, Mich. Scale-bearing.	843,009	Feb. 5	333	72	126	1874
Goodacre, Henry, Pine Village, Ind. Fabric-pressing device.	872,930	Dec. 3	1272	272	131	1367
Goodale, Marion J., Toledo, Ohio. Miter-box.	857,520	June 18	4028	858	128	2785
Goodale, Warren H., and A. L. Preston, Leominster, Mass. Hair-pin cutter.	856,577	June 11	2253	403	128	2298
Goodall Matting Company. (See Arrouquier, Fredrick E., assignor.)						
Goodchild, Clark, Providence, R. I. Dispensing-can.	868,426	Oct. 15	1906	533	130	1936
Goode, John P., Chicago, Ill. Physiographical instrument.	849,841	Apr. 9	2405	491	127	2237
Goodell Company. (See Hunt, David F., assignor.)						
Goodell, Henry E., Greenfield, Mass. Breast-drill.	862,069	July 30	5811	1612	129	2020
Goodell, I. Welton, Norwalk, Ohio. Venetian blind.	842,401	Jan. 29	5299	1123	126	1504
Goodfellow, Joseph. (See Chapman, Charles E., assignor.)						
Goodfellow, Moore, Cleveland, assignor of one-half to J. O. Dye, Springfield, Ohio. Steering-truck for agricultural implements.	852,020	Apr. 30	6705	1394	127	3433
Goodfellow, Moore, assignor of one-half to J. O. Dye, Springfield, Ohio. Beet-harvester.	860,655	July 23	3611	989	129	1291
Goodfellow, Moore, assignor of one-half to J. O. Dye, Columbus, Ohio. Beet-harvester.	873,040	Dec. 10	1547	324-5	131	1441
Goodfellow, Thomas F., assignor of one-fourth to T. M. Goodfellow, Altoona, Pa. Automatic shut-off.	840,312	Jan. 1	1052	229	126	281
Goodfellow, Thomas M. (See Goodfellow, Thomas F., assignor.)						
Goodholm, George H., and J. A. Train, Lindsborg, Kans. Tool.	870,951	Nov. 12	1733	474	131	592
Goodhue, Frank M., Batavia, Ill. Manure-spreader.	851,928	Apr. 30	6477	1350-2	127	3376
Goodhue, Mead E. (See Ransom and Goodhue.)						
Goodier, James H., Utica, N. Y. Street-indicator.	854,416	May 21	4122	854	128	1126
Gooding, Charles S., trustee. (See Thompson, Milton O., assignor.)						
Goodknight, Alva L., Council Bluffs, Iowa. Air-brake mechanism.	847,936	Mar. 19	4483	983	127	1183
Goodknight, Alva L., Council Bluffs, Iowa. Air-brake system.	869,837	Oct. 29	4137	1142	130	2677
Goodlad, John J., et al. (See Geraghty, John P., assignor.)						
Goodlett, Katherine G. R., Kansas City, Mo. Coin-pouch.	847,467	Mar. 19	3503	766-7	127	942
Goodman Manufacturing Company. (See Levin, Nils D., assignor.)						
Goodman Manufacturing Company. (See Sperry, Elmer A., assignor.)						
Goodman, Max, New York, N. Y. Safety-curtain for preventing runaway accidents on bridges.	874,327	Dec. 17	4155	874	131	1899

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Goodman, Ward C. (See Ferguson, Henry C., assignor.)						
Goodman, William L., St. Joseph, Mo. Ruling apparatus	852,430	May 7	41	9	128	14
Goodner, James A., and A. P. Kendig, Rocky Ford, Colo. Variable-speed mechanism	851,129	Apr. 23	4814	1015	127	2925
Goodnight, Frank H., Dallas, Tex., and J. F. Duffin, assignors to Kingman Plow Company, Peoria, Ill. Cotton and corn planter	855,883	June 4	852	177	128	1909
Goodnough, John, Indianapolis, Ind. Combined cuff-holder and garment-supporter	851,414	Apr. 23	5423	1135-6	127	3079
Goodnow, Robert M., assignor to Draper Company, Hopedale, Mass. Bobbin-turning apparatus	854,693	May 21	4649	969	128	1256
Goodpasture, Thomas B. (See Harmon and Goodpasture.)						
Goodrich, Edson E., Waterville, Me. Folding umbrella	866,015	Sept. 17	1973	550	130	677
Goodrich, Emory W., Somerville, Mass. Projection apparatus	864,418	Aug. 27	3585	996-7	129	3291
Goodrich, Harry C., Oak Park, Ill. Hot-water heater	868,085	Oct. 15	1370	384	130	1774
Goodridge, Gilbert W. (See Thomas, George B., assignor.)						
Goodridge, Gilbert W. (See Thomas and Goodridge.)						
Goodridge, Gilbert W., assignor to Bryant Electric Company, Bridgeport, Conn. Incandescent-lamp socket	845,542	Feb. 26	5611	1188	126	3302
Goodridge, Gilbert W., assignor to Bryant Electric Company, Bridgeport, Conn. Incandescent-lamp socket	872,283	Nov. 26	4490	1066	131	1118
Goodridge, Gilbert W., assignor to Perkins Electric Switch Manufacturing Company, Bridgeport, Conn. Electrical attachment-plug	845,543	Feb. 26	5612	1188	126	3302
Goodrum, Charles L. (See Lattig and Goodrum.)						
Goodsell, Frank, assignor to L. A. and O. H. White, Fairfield, Mich. Hay, wood, and stock rack	851,087	Apr. 23	4746	999	127	2908
Goodsman, Charles W., St. Johns, Oreg. Wheel-scraper	864,640	Aug. 27	3977	1103-4	129	3415
Goodspeed, Arthur B., East Orange, N. J., assignor to Industrial Development Company, New York, N. Y. Internal-combustion engine	857,730	June 25	4454	940-1	128	2924
Goodspeed, Arthur B., and B. Beskow, assignors to Industrial Development Company, New York, N. Y. Generating power	848,026	Mar. 26	4694	1023	127	1272
Goodspeed, Arthur B., and B. Beskow, assignors to Industrial Development Company, New York, N. Y. Apparatus for increasing the efficiency of steam-generating power plants	848,027	Mar. 26	4696	1024	127	1273
Goodwin, Charles H., assignor to Waterbury Button Company, Waterbury, Conn. Fastener	866,016	Sept. 17	1975	550	130	677
Goodwin, Daniel W., Lynn, Mass. Shoe-stretcher	853,077	May 7	1433	300	128	364
Goodwin, George W., Jr. (See Burdett and Goodwin.)						
Goodwin, Harry L., assignor to Goodwin Picker Company, Boston, Mass. Shuttle-motion for looms	860,863	July 23	3916	1073-4	129	1389
Goodwin Picker Company. (See Goodwin, Harry L., assignor.)						
Goodwin, Richard N., assignor, by mesne assignments, of one-half to C. W. Snyder, Wichita, Kans. Horseshoe-calk	844,121	Feb. 12	2495	536	126	2449
Goodwin, William, Decatur, Ill. Cut-off valve for engines	857,457	June 18	3903	829	128	2752
Goodwin, William B. (See Wilson and Goodwin.)						
Goodwin, William B., Columbus, Ohio. Holder for cigars and the like	854,820	May 28	4925	1022	128	1356
Goodwine, John. (See Hall, Francis M., assignor.)						
Goodwine, Ulysses S. (See Hall, Francis M., assignor.)						
Goodyear, Frank H., et al., trustees. (See Kidder, Wellington P., assignor.)						
Goodyear Tire and Rubber Company. (See State, Will C., assignor.)						
Goodyear, William E. (See Allen and Goodyear.)						
Goold, Shapley & Muir Company. (See Muir and Herod, assignors.)						
Gossmann, Justus C. (See Loeb and Gossmann.)						
Gordon, Adolph O., Chicago, Ill. Headwear	873,856	Dec. 17	3177	676	131	1745
Gordon, Albert A., Jr., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Loom shedding mechanism	871,398	Nov. 19	2633	673	131	799
Gordon, Albert A., Jr., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Take-up mechanism for looms	872,061	Nov. 26	4053	971	131	1047
Gordon, Alexander, et al. (See Atkinson, Charles E., assignor.)						
Gordon, Anthony, Sourisford, Manitoba, Canada. Vehicle-jack	850,830	Apr. 16	4254	893	127	2746
Gordon, Charles, and H. Hart, assignors to Milwaukee Harness Machinery Company, Milwaukee, Wis. Power-punch	874,183	Dec. 17	3854	812-13	131	1851
Gordon, Douglas, Worcester, Mass., assignor to Marcus Mason & Company, New York, N. Y. Coffee-drier	842,456	Jan. 29	5440	1152	126	1542
Gordon, Edsil R., and D. R. Throop, assignors to Gordon-Throop-Wolfe Company, Harrington, Wash. Platform-leveling device for harvesters	842,648	Jan. 29	5825	1230	126	1633
Gordon, Eleanor, Georgetown, Ohio. Heating system	859,879	July 9	2405	653-4	129	829
Gordon, George. (See Baker, George A., assignor.)						
Gordon, Harry. (See Gallagher, Patrick F., assignor.)						
Gordon, Horace S., Dayton, Ohio. Pump for dispensing oil	868,981	Oct. 22	2788	769	130	2238
Gordon, Ira, Davisville, Cal. Hay and grain loader	872,651	Dec. 3	694	145	131	1277
Gordon, John B., Atlanta, Mo. Display-stand	849,676	Apr. 9	2093	430	127	2156
Gordon, John H., Snoqualmie, Wash. Automatic suspending-reel for electric incandescent lamps	865,377	Sept. 10	959	275	130	319
Gordon, Joseph A., Shawnee, Okla. Ter. Telephone attachment	868,544	Oct. 15	2090	584	130	1994
Gordon, Orin L., Robinson, Ill. Scale	872,119	Nov. 26	4166	995	131	1066
Gordon, Robert G., Calgary, Alberta, Canada. Cycloramic apparatus	874,328	Dec. 17	4156	874-5	131	1899
Gordon-Throop-Wolfe Company. (See Gordon and Throop, assignors.)						
Gordon, Waldo C., Windsor, Vt., assignor to Electric Good Manufacturing Company. Wiring-knob	845,544	Feb. 26	5612	1188	126	3302
Gordon, William K., Thurber, Tex. Saw-operating mechanism	851,512	Apr. 23	5604	1174	127	3121
Gordon, William V., New York, N. Y. Valve for draining-pipes, &c.	854,348	May 21	3996	826	128	1094
Gordon, William W., Washington, D. C. Pipe-coupling	863,027	Aug. 13	1491	405	129	2579
Gordon, William W., Washington, D. C. Means for operating cocks or valves	871,869	Nov. 26	3613	882	131	983
Gore, Warren W. (See Hobart and Gore.)						
Gore, Warren W., Beloit, Wis., assignor to Fairbanks, Morse & Company, Chicago, Ill. Centrifugal tar-extractor	845,460	Feb. 26	5468	1158	126	3266
Goreau, Nelson G. (See Tschopik and Goreau.)						
Goreau, Thomas W., New Orleans, La. Liquid-seal trap	847,468	Mar. 19	3505	767	127	943
Goreau, Thomas W., New Orleans, La. Filter	854,288	May 21	3893	803	128	1067
Gorham, Charles R. (See Gorham, William H. H. and C. R.)						
Gorham, Frank C., New York, N. Y. Reel-seat	849,231	Apr. 2	1236	251	127	1904
Gorham Manufacturing Company. (See Gorham, William H. H. and C. R., assignors.)						
Gorham, William H. H. and C. R., assignors to Gorham Manufacturing Company, Cleveland, Ohio. Vending-machine	868,773	Oct. 22	2475	683-4	130	2142
Gorman, John J., et al. (See Murdoch, Michael J., assignor.)						
Gormly, Robert W., Troy, N. Y. Needle-arm for looping-machines	855,847	June 4	791	165	128	1894
Gorsuch, Edgar B. (See Hopkins, Alberton F., assignor.)						
Gorsuch, Samuel C., Braddock, Pa. Gas-generator	871,497	Nov. 19	2850	717	131	832

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Gorton Robert, Newton, Mass. Garment-supporter.	856,524	June 11	2135	438	128	2268
Gorut, Peter, Fulton Chain, N. Y. Toothpick.	869,175	Oct. 22	3079	849	130	2329
Goserud, Ole, Jr. (See Goserud, Ole O. and O., Jr.)						
Goserud, Ole O. and O., Jr., Summit, S. D. Rotary engine	855,629	June 4	353	73	128	1784
Goss, George F. (See Eckley, James W., assignor.)						
Goss, George F., Wallacetown, Pa. Pool-ball rack	868,427	Oct. 15	1907	534-5	130	1936
Goss, James B. (See Robinson, George A., assignor.)						
Goss, John H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Powder-can top.	850,086	Apr. 9	2821	591	127	2339
Goss, John H., and A. F. Wolff, assignors to Scovill Manufacturing Company, Waterbury, Conn. Box for watch-movements.	853,236	May 14	1751	364	128	476
Goss, John H., and A. F. Wolff, assignors to Scovill Manufacturing Company, Waterbury, Conn. Box for watch-movements.	856,463	June 11	2029	417	128	2242
Goss, Milford T., Chicago, Ill. Boiler.	871,691	Nov. 19	3212	795-6	131	893
Goss Printing Press Company. (See Clause, John J., assignor.)						
Goss Printing Press Company. (See Firm, Joseph L., assignor.)						
Goss Printing Press Company. (See Goss, Samuel G., assignor.)						
Goss Printing Press Company. (See Husby, Hans P., assignor.)						
Goss, Samuel G., assignor to Goss Printing Press Company, Chicago, Ill. Routing-machine.	840,765	Jan. 8	1960	431-2	126	544
Goss, Samuel G., assignor to Goss Printing Press Company, Chicago, Ill. Form-cylinder for printing-presses	868,263	Oct. 15	1632	461-2	130	1856
Goss, Samuel G., assignor to Goss Printing Press Company, Chicago, Ill. Inking-fountain for printing-presses	869,237	Oct. 29	3178	875	130	2386
Goss, William, assignor to Northwestern Expanded Metal Company, Chicago, Ill. Clip for metal building construction.	854,209	May 21	3751	776	128	1030
Goss, William F. M., La Fayette, assignor to United States Distillation Company, Indianapolis, Ind. Distilling apparatus.	862,631	Aug. 6	890	238-9	129	2360
Gossett, Charles E., Eldon, assignor to Ingoldsby Automatic Car Company, St. Louis, Mo. Dump-car.	861,721	July 30	5276	1451	129	1855
Gossweiler, Karl, Vienna, Austria-Hungary. Means for drawing hollow articles.	857,235	June 18	3487	737	128	2649
Gossweiler, Karl, Vienna, Austria-Hungary. Ink-blotter.	857,236	June 18	3488	737	128	2650
Gossweiler, Karl, Schwarzenberg, Germany. Apparatus for making cardboard boxes.	861,970	July 30	5657	1569	129	1971
Göstemeier, Bernhard, Marxloh, and W. Pauels, Holten, near Sterkrade, Germany. Locking device for doors of railway-cars.	848,646	Apr. 2	47	11	127	1546
Goth, Thomas R., San Francisco, Cal. Dredging apparatus.	868,774	Oct. 22	2477	684	130	2142
Gottfried, Anton, Erie, Pa. Organ-pipe.	872,931	Dec. 3	1274	272	131	1368
Gottlieb, Rudolf, Brunn, Austria-Hungary. Decorating enamel ware, china, porcelain, majolica, glass, &c.	844,516	Feb. 19	3333	718	126	2697
Gottschalk, Felix, New York, N. Y. Book-carrier.	857,050	June 18	3137	661	128	2562
Gottwald, Christian, Cleveland, Ohio. Boiler-tube cleaner.	842,311	Jan. 29	5081	1083	126	1440
Gottwals, William O., Philadelphia, Pa. Arch-file.	873,537	Dec. 10	2525	533	131	1605
Gotty, George, New York, N. Y. Self-lighting incandescent mantle.	856,578	June 11	2254	463	128	2298
Gütze, Theodor, Hamburg, Germany. Tube for paint.	850,220	Apr. 16	3095	647	127	2448
Goucher, Joseph W., Stites, Idaho. Roller and collet resetter tool for watchmakers' use.	854,732	May 28	4741	986	128	1308
Gough, Albert C., Chester, Mont. Scoop.	874,001	Dec. 17	3444	732-3	131	1791
Goughnour, Charles L., Canton, Ohio. Workman's clock.	871,087	Nov. 12	1938	531	131	656
Goughnour, George H., Stuart, Iowa. Wire-splicer.	868,178	Oct. 15	1493	423	130	1811
Gould Coupler Company. (See Richards, Willard F., assignor.)						
Gould Coupler Company. (See Turbayne, William A., assignor.)						
Gould, Edwin J., assignor of one-fourth to J. A. Walker, Boulder, Colo. Compensating gear.	845,409	Feb. 26	5355	1136	126	3237
Gould, Edwin J., assignor of one-half to T. E. Sawdey, Boulder, Colo. Clipper-sharpening machine.	874,671	Dec. 24	4845	1018	131	2044
Gould, Ovid M., Montreal, Quebec, Canada. Brake.	873,367	Dec. 10	2204	459	131	1548
Gould Storage Battery Company. (See Chamberlain, Rufus N., assignor.)						
Gould Storage Battery Company. (See Hubbard, Albert S., assignor.)						
Gould Storage Battery Company. (See Hubbard and Turbayne, assignors.)						
Gould Storage Battery Company. (See Turbayne, William A., assignor.)						
Gould Storage Battery Company. (See Van Wagenen, Edward, assignor.)						
Gould Storage Battery Company. (See Winship, Walter E., assignor.)						
Goulding, John W., Trenton, N. J. Washing-machine for brick-molds.	870,357	Nov. 5	766	204	131	251
Gounley, James F., et al. (See Welsh, William H., assignor.)						
Gourdin, John K., Pineville, assignor of one-half to R. L. Montague and R. P. Tucker, Charleston, S. C. Nut-lock.	844,862	Feb. 19	4275	911	126	2927
Gourley, John L., Uhrichsville, Ohio, assignor of two-thirds to L. S. Nicholls and T. D. Healea. Metallic railway-tie.	857,051	June 18	3140	661	128	2563
Gouty, Clarence A., Springfield, Ill. Trolley.	870,772	Nov. 12	1442	390	131	501
Govan, James, Abington, Pa. Golf-club.	873,423	Dec. 10	2304	482	131	1567
Gove, Frank W., Essex Junction, Vt. Automatic regulator for steam-pipes.	874,959	Dec. 31	5454	1140	131	2163
Gover, Edwin M., Washington, D. C. Treadle-operated delivery-wagon.	862,555	Aug. 6	775	207	129	2324
Gover, William T., Catlett, Va. Lantern-holder.	844,672	Feb. 19	3888	822	126	2828
Govers, Francis X. (See Austen, Maywald, and Govers.)						
Govers, Francis X., Owego, N. Y. Paint-remover and making the same.	868,920	Oct. 22	2701	.....	130	2211
Govers, Francis X., Owego, N. Y. Paint-remover and making the same.	869,176	Oct. 22	3080	.....	130	2329
Govers, Francis X., Owego, N. Y. Vapor generation and power system.	869,897	Nov. 5	41	12	131	15
Govers, Francis X., Owego, N. Y. Heat-engine.	870,507	Nov. 5	997	272	131	322
Gow, Alexander M., Duluth, Minn. Hand-wheel.	862,153	Aug. 6	50	14	129	2096
Gow, Alexander M., Edgewood Park, Pa., assignor, by mesne assignments, to Westinghouse Machine Company. Blower-pump.	859,938	July 16	2497	677-8	129	890
Gowan, Allen J., Norwich, Ontario, Canada. Adjustable hanger for electric drop-lights.	848,167	Mar. 26	4917	1074	127	1329
Gowan, Frank W., Somerset, Wis. Agitator.	852,114	Apr. 30	6880	1437	127	3476
Gowey, Gilbert E., W. E. Lees, Gardner, and J. G. Bell, Tallula, Tenn. Draft mechanism for plows.	863,273	Aug. 13	1889	509	129	2703
Gowin, Ernest E., Morrisonville, Ill. Flue-stop.	874,672	Dec. 24	4847	1018	131	2044
Gowin, Ernest E., Morrisonville, and B. F. Brown, Litchfield, Ill. Stovepipe-holder.	855,703	June 4	493	102	128	1821
Gowin, Frank, Carlisle, Ill. Signal apparatus.	867,123	Sept. 24	3632	1031	130	1231
Grabe, Conrad, Sollitt, Ill. Tapping-machine.	863,383	Aug. 13	2046	554	129	2756
Grable, Guy C., assignor, by mesne assignments, to W. L. McBride, Minneapolis, Minn. Brake for hoisting machines.	850,152	Apr. 16	2955	619	127	2411
Grabler, Peter, Cleveland, Ohio. Hasp-lock.	843,564	Feb. 5	1469	310	126	2158
Grabner, Frederick A. (See Conant, Charles B., assignor.)						
Grabowsky, William, Pittsburg, Pa. Artificial claw.	875,346	Dec. 31	6213	1295	131	2286
Grace, Harry E., assignor of one-half to T. F. Fitzberger, Jr., Baltimore, Md. Boat propulsion.	848,457	Mar. 26	5498	1198	127	1473
Grace, Sergius P., and R. A. L. Snyder, Pittsburg, Pa., assignors to Western Electric Company, Chicago, Ill. Terminal-box for electric cables.	857,341	June 18	3685	779	128	2707

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Grace, William R., Fayetteville, and J. J. Colwell, Syracuse, N. Y. Food-cutter.....	858,595	July 2	406	104-5	129	144
Grade, Hans, Magdeburg, Germany. Explosive-engine.....	873,857	Dec. 17	3179	677	131	1746
Grady, Charles B., West Orange, N. J. Floor-slab.....	872,726	Dec. 3	863	178	131	1302
Graeber, Louis. (See Osborn and Graeber.)						
Graebing, Lawrence S., Yonkers Park, N. Y. Ventilating device.....	860,366	July 16	3146	861	129	1104
Graesicke, Charles, Glendale, N. Y. Rotary engine.....	841,776	Jan. 22	3984	860	126	1136
Graesser, Franz, Hoylake, assignor to R. Harley, Liverpool, Lancaster, England. Machine for wiring corked bottles.....	861,971	July 30	5658	1569-71	129	1971
Graessle, John E., Detroit, Mich. Bifocal-lens grinder.....	853,970	May 21	3265	671	128	906
Graeve, Hans. (See Frenay and Graeve.)						
Graeve, Louis von, assignor to C. Bucher and H. Schroder, Philadelphia, Pa. Composition of matter for the eradication of stains.....	841,086	Jan. 8	2607		126	709
Graf, Raimund, Pohrlitz, Austria-Hungary, assignor to Minimax Consolidated Limited, London, England. Protecting device for chemical fire-extinguishers.....	857,553	June 18	4097	869	128	2803
Grafe, Herman A., Newberg, Oreg. Vehicle-spring.....	862,632	Aug. 6	893	239	129	2361
Graff, Henry W., Chicago, Ill. Mail-pouch-delivery device.....	870,878	Nov. 12	1604	439	131	552
Graff, Henry W., Chicago, Ill. Mail-pouch-catching device.....	870,879	Nov. 12	1605	440	131	552
Graff, Hilmar, assignor of one-half to W. Hartley, Melbourne, Victoria, Australia. Multiple roller-blind and fixings for same.....	840,313	Jan. 1	1052	230	126	281
Graff, John. (See Schauer and Graff.)						
Graff, Oscar C., assignor to C. P. Kimball & Co., Chicago, Ill. Adjustable support for wind-shields.....	849,733	Apr. 9	2182	450	127	2177
Graffis, William F., Manito, Ill. Axle-box.....	844,122	Feb. 12	2496	536	126	2450
Grafton, Walter P., Old Charlton, England. Clinical thermometer.....	848,458	Mar. 26	5499	1198	127	1474
Gragg, Abner H., Knoxville, Tenn. Churn.....	874,002	Dec. 17	3445	733	131	1792
Gragg, Zachary T., Oklahoma, Okla. Ter., assignor to United States Portable Wagon Scales & Novelty Manufacturing Company. Vehicle-scale.....	866,017	Sept. 17	1976	551	130	678
Grah, Albert, Cincinnati, Ohio. Razor.....	853,717	July 2	616	161	129	213
Graham, Albert. (See Jackson, Andrew R., assignor.)						
Graham, Alvaro B., Chicago, Ill. Paper-feeding machine.....	871,498	Nov. 19	2852	717-19	131	832
Graham, Andrew W., Bradford, Pa. Pipe-coupling packing.....	870,428	Nov. 5	887	239	131	292
Graham, B. W., et al. (See Akins, Charles J., assignor.)						
Graham, Charles M., Dunedin, New Zealand. Fire-grate.....	871,584	Nov. 19	3025	753	131	861
Graham, Charles W., assignor to Utica Industrial Company, Rome, N. Y. Can-crimping machine.....	874,498	Dec. 24	4488	945	131	1987
Graham, Daniel C., Pulaski, Va. Railway-tie.....	841,242	Jan. 15	2923	636	126	831
Graham, Daniel O., Proctor, Tex. Cotton and corn chopper.....	845,172	Feb. 26	4882	1035	126	3121
Graham, Elmer E., Erie, Pa. Heating-furnace.....	842,881	Feb. 5	80	18	126	1811
Graham Flange Frog Company. (See Graham, John E., assignor.) (Reissue.)						
Graham, Frank. (See Morris, Earl H., assignor.)						
Graham, Frank C., Youngstown, Ohio. Mail-box.....	858,509	July 2	257	63	129	92
Graham, Frank E., Washington, D. C. Meat-tag.....	847,469	Mar. 19	3507	767	127	943
Graham, Frederick S., Philadelphia, Pa., assignor of two-thirds to R. M. Seaman and C. A. Struntz. Pneumatic-tool handle.....	856,194	June 4	1431	302	128	2053
Graham, Frederick S., Philadelphia, Pa., assignor of two-thirds to R. M. Seaman and C. A. Struntz. Pneumatic tool.....	865,337	Sept. 3	888	255	130	268
Graham, Frederick S., Philadelphia, Pa., assignor of two-thirds to R. M. Seaman and C. A. Struntz. Valveless pneumatic tool.....	871,756	Nov. 19	3340	822	131	914
Graham, George, and J. C. Martin, Routhwaite, Manitoba, Canada. Snow-plow.....	874,761	Dec. 24	5026	1059	131	2074
Graham, George M., assignor to G. A. E. Kohler, Chicago, Ill. Building girder and column.....	865,488	Sept. 10	1137	322	130	374
Graham, George M., assignor to G. A. E. Kohler, Chicago, Ill. Fitting for metal reinforce constructions.....	865,489	Sept. 10	1138	322	130	374
Graham, George M., assignor to G. A. E. Kohler, Chicago, Ill. Reinforced concrete construction.....	865,490	Sept. 10	1140	323-4	130	375
Graham, George M., assignor to G. A. E. Kohler, Chicago, Ill. Reinforced concrete step.....	867,818	Oct. 8	908	257	130	1610
Graham, George M., assignor to G. A. E. Kohler, Chicago, Ill. Reinforced concrete structure.....	868,921	Oct. 22	2703	745-6	130	2211
Graham, Homer A., Oneco, Fla. Thill attaching and releasing device.....	858,975	July 2	1044	274	129	357
Graham, James, Roseberry, Manitoba, Canada. Sheaf-loading machine.....	856,051	June 4	1155	244	128	1985
Graham, John E., assignor to Graham Flange Frog Company, Inc., Salem, Va. Railway-frog. (Reissue.).....	12,605	Feb. 12	2912	619	126	2555
Graham, John E., Salem, Va., assignor to American Flange Frog & Railway Improvement Company, Gainesville, Fla. Railway-frog. (Reissue.).....	12,705	Oct. 22	3149	869	130	2350
Graham, John E., Salem, Va., assignor to American Flange Frog and Railway Improvement Company, Gainesville, Fla. Railway-switch frog.....	875,169	Dec. 31	5858	1223	131	2231
Graham, John W. (See Sebring and Graham.)						
Graham, Joseph H., Kempton, Ind. Concrete-block machine.....	847,764	Mar. 19	4116	899	127	1095
Graham, Joseph H., Kempton, Ind. Fence-post.....	866,857	Sept. 24	3224	906	130	1106
Graham, Levi P., Decatur, Ill. Corn-sorter.....	845,230	Feb. 26	4990	1061	126	3149
Graham, Levi P., Decatur, Ill. Corn-sorter.....	845,231	Feb. 26	4992	1061	126	3149
Graham, Neill R., New York, N. Y. Type-writer.....	845,229	Feb. 26	4989	1061	126	3148
Graham, Patrick H., Sacramento, Cal. Sash-fastener.....	860,912	July 23	3998	1096	129	1415
Graham, Thomas W., Dubuque, Iowa. Flour-bolting machine.....	865,346	Sept. 3	910	261	130	275
Graham, Ulysses G. (See Lorig and Graham.)						
Graham, Walter, Ardmore, Pa. Steam-boiler furnace.....	862,730	Aug. 6	1043	280-1	129	2404
Graham, William J., Savannah, Ga. Egg-poaching pan.....	864,369	Aug. 27	3520	977	129	3271
Graham, William S., Canton, Ill. Sulky-plow.....	854,821	May 28	4926	1023-4	128	1356
Graham, Wilson L., Ashland, Ill. Wagon-end-gate.....	868,545	Oct. 15	2091	584	130	1995
Grainger, Archibald, and E. Klepsch, Saginaw, Mich. Block.....	844,123	Feb. 12	2497	536	126	2450
Gram, Axel E. B., Copenhagen, Denmark. Improving coffee.....	843,530	Feb. 5	1390		126	2141
Gram & Glass Cap Company. (See Glass, Mendel L., assignor.)						
Gramelspacher, John, Jasper, Ind. Sandpapering-machine.....	843,010	Feb. 5	333	73	126	1874
Gramelspacher, John, Jasper, Ind. Sandpapering-machine.....	860,367	July 16	3148	861	129	1105
Gramelspacher, John, Jasper, Ind. Copy-holder.....	875,170	Dec. 31	5860	1223	131	2231
Gramelspacher, John, assignor to Jasper Furniture Company, Jasper, Ind. Machine for cutting flexible roll-curtains.....	868,656	Oct. 22	2288	635-6	130	2083
Gramlich, Henry, New York, assignor to himself, and M. Gillin, Brooklyn, N. Y. Moistening device for printing-machines.....	841,142	Jan. 15	2735	597	126	785
Granberg, Emil, St. Louis, Mo. Pulley.....	847,249	Mar. 12	3050	673	127	799
Granbery, Albert M., Collierville, Tenn. Chain-saw.....	846,663	Mar. 12	1914	421	127	517
Grand Rapids Furniture Co. (See Irwin, Robert W., assignor.)						
Grand Rapids Show Case Company. (See Gallot, Louis, assignor.)						
Grand Rapids Show Case Company. (See Gautier, Gustave, assignor.)						
Grand Rapids Show Case Company. (See Rémond, Louis, assignor.)						
Grandjean, Arthur, San Diego, Cal. Bedclothes-clamp.....	856,052	June 4	1158	244	128	1986

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Graner, Karl A. (See Swing and Graner.)						
Granger, John W., Philadelphia, Pa. Carrier-plate for hooks and eyes.....	857,731	June 25	4459	942	128	2926
Granger, John W., Philadelphia, Pa. Hook and eye.....	862,245	Aug. 6	222	61	129	2151
Granger, Lorenzo O., Oakland, Cal. Playing-card package and cribbage-board.....	847,570	Mar. 19	3698	815	127	994
Granger, Roger D. (See Washburn and Granger.)						
Granger, William H., assignor of one-half to H. F. Stone, Oklahoma, Okla. Ter. Residence mail-box.....	843,805	Feb. 12	1905	408	126	2306
Grannis, William P., Kendallville, Ind. Buggy-seat attachment.....	872,410	Dec. 3	193	38	131	1198
Gransden, William H., assignor to Appliance Manufacturing Company, Chicago, Ill. Idle-tire holder.....	852,834	May 7	943	193	128	240
Grant, Alex H., Middleport, and M. N. Grant, assignors to Columbus Clay Products Company, Columbus, Ohio. Device for making ornamental brick.....	850,427	Apr. 16	3478	728	127	2551
Grant, Alex H., Middleport, and M. N. Grant, assignors to Columbus Clay Products Company, Columbus, Ohio. Device for making ornamental brick.....	850,428	Apr. 16	3480	728	127	2551
Grant, Alfred P., <i>et al.</i> (See Young and Conley, assignors.)						
Grant Bros. Company <i>et al.</i> (See Casebolt, Charles H., assignor.)						
Grant, Charles E., Allendale, Cal. Chipping-machine.....	848,459	Mar. 26	5500	1198	127	1474
Grant, Frank, Westfield, Mass. Envelop-machine.....	848,099	Mar. 26	4813	1050	127	1303
Grant, Franklin F. (See Loope, Fred A., assignor.)						
Grant, George, and W. T. Newton, New Orleans, La. Sawmill log-dog.....	871,795	Nov. 26	3434	843	131	957
Grant, Harry M. (See Dokkenwadel, Frederick G., assignor.)						
Grant, Hugh A., Comox, British Columbia, Canada. Machine for raking and cocking hay.....	852,269	Apr. 30	7155	1499-1500	127	3546
Grant, James, Cobram, Victoria, Australia. Disk cultivator.....	853,510	May 14	2302	476	128	625
Grant, James H. (See Wynne and Grant.)						
Grant, John A., Emerald, N. D. Screen.....	855,769	June 4	631	129	128	1856
Grant, Joseceline C. H. (See Dörwald, Gottfried L. M., assignor.)						
Grant, Joseph T., El Paso, Tex. Game.....	840,934	Jan. 8	2303	506	126	628
Grant, Maurice A., <i>et al.</i> (See Bacon, John L., assignor.)						
Grant, Milton N. (See Grant, Alex H. and M. N.)						
Grant, Milton N., assignor to Central Ohio Roofing Tile & Brick Company, Columbus, Ohio. Device for making ornamental bricks.....	842,882	Feb. 5	81	18	126	1811
Grant, Oscar F., Pittsburg, Pa. Clothes-hanger.....	848,738	Apr. 2	237	47	127	1647
Grant, Robert E., assignor to J. Oppenheer, Grand Rapids, Mich. Sewing-machine motor.....	842,832	Jan. 29	6218	1313	126	1729
Grant, William A., Paterson, N. J. Weft stop-motion for looms.....	867,032	Sept. 24	3499	993	130	1191
Grant, William G. Suffer, N. Y., assignor, by mesne assignments, to American Brake Shoe & Foundry Company, Jersey City, N. J. Brake-shoe.....	854,733	May 28	4742	986	128	1309
Grant, William L., Columbia, Tenn. Rail-joint.....	849,607	Apr. 9	1969	403	127	2125
Grantham, John H., Jr. (See Inman, Charlie C., assignor.)						
Grantland, John W., Philadelphia, Pa. Faucet.....	873,538	Dec. 10	2527	533	131	1605
Granum, Ole, Amery, Wis. Hand-brace.....	863,384	Aug. 13	2047	554	129	2756
Granville, Arthur, assignor to Fur-Wool Company Limited, London, England. Treating skins.....	866,458	Sept. 17	2624	.....	130	884
Grape, Richard, New York, N. Y. Hair-drying apparatus.....	874,065	Dec. 17	3645	765	131	1812
Grapp, Albert E., Minneapolis, Minn. Addressing-machine.....	848,546	Mar. 26	5644	1236-7	127	1509
Grasberger, Boniface A., Richmond, Va. Ice-pick.....	846,843	Mar. 12	2273	498	127	609
Grasberger, Boniface A., Richmond, Va. Clamp-setting machine.....	848,436	Mar. 26	5457	1189	127	1463
Grasberger, Boniface A., Richmond, Va. Clamp-setting machine.....	874,184	Dec. 17	3861	813-14	131	1851
Grasberger, Julius A., Richmond, Va. Fifth-wheel.....	857,052	June 18	3141	661	128	2563
Grass, Jacob L., W. K. Cook, C. W. Fletcher, and F. J. Arndt, assignors to American Bank Protection Co., Minneapolis, Minn. Electric time-alarm.....	863,570	Aug. 13	2303	630-1	129	2831
Grasselli Chemical Company. (See Krickbaum, William M., assignor.)						
Grasselli Chemical Company. (See Lübbe, Jens P., assignor.)						
Grassfield, John S., Rogers, Iowa. Fence-post.....	856,138	June 4	1325	277	128	2027
Grassmann, Peter, Gross-Lichterfelde-Ost, Germany. Photographic-plate holder.....	850,429	Apr. 16	3481	729	127	2551
Grasso, Nicholas, New York, N. Y. Gate for railway-cars.....	870,093	Nov. 5	337	94	131	112
Gratta, Hermann. (See Schaeffer, Ernst, assignor.)						
Grau, George W., Jr., and E. L. Nelson, Columbus, Ohio. Minnow-net.....	872,652	Dec. 3	696	145	131	1278
Grauel, Hermann, Berlin, Germany. Metal folding furniture.....	874,003	Dec. 17	3446	733	131	1792
Grauhering, Oskar, Essen-Rüttenscheid, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Screw-gear for gun-sight devices, &c.....	854,999	May 28	5288	1099	128	1449
Graul, Fredrick, Newark, N. J., assignor to Rubber and Celluloid Harness Trimming Co. Brush.....	840,693	Jan. 8	1814	400	126	508
Graupner, Louis C., San Francisco, Cal. Hydraulic sizing-machine.....	872,620	Dec. 3	633	133	131	1266
Grauvogl, Josef, Plain, Wis. Railway-car coupling.....	855,923	May 14	3161	646	128	841
Graves, Albert H., Chicago, Ill. Circuit-catching device and electrical system for use in conjunction with the same.....	843,270	Feb. 5	898	183	126	2020
Graves, Albert H., Chicago, Ill. Cigar, stogy, &c.....	869,361	Oct. 29	3391	933	130	2453
Graves, Burton M., and F. N. Loson, Lowville, N. Y. Bench-plane.....	865,491	Sept. 10	1145	325	130	378
Graves, Charles L. (See Cram and Graves.)						
Graves, David E., Oberlin, Ohio. Dumping-bed for wagons.....	841,143	Jan. 15	2737	598	126	786
Graves, Eugene E., Lincoln, Nebr., assignor of one-half to F. E. Sanders, Danville, Ill. Tire-tightener.....	842,402	Jan. 29	5300	1124	126	1502
Graves, Franklin L., Kansas City, Mo. Combined safety-clip and cap-holder for pens and pencils.....	863,915	Aug. 20	2835	780	129	3033
Graves, George B., Albany, N. Y. Pen and pencil holder.....	875,064	Dec. 31	5657	1180	131	2197
Graves, John W., Covington, Tenn., assignor to International Cotton Company, Boston, Mass. Baling-press.....	846,199	Mar. 5	972	206-7	127	247
Graves, John W., Covington, Tenn., assignor to International Cotton Company, Boston, Mass. Cotton-gin roller.....	874,910	Dec. 24	5340	1117	131	2121
Graves, Patrick H., Sharps Chapel, Tenn. Wheel-spindle.....	855,303	May 28	5894	1229	128	1603
Graves, Ralph L., Sumpter, Oreg. Miner's lamp.....	853,078	May 7	1435	300	128	364
Graves, William D., Wheeling, W. Va. Sectional electrical switchboard.....	861,587	July 30	5077	1393	129	1797
Gravity Conveyor Company. (See Schwab, Martin C., assignor.)						
Gravity Coupler Company. (See Frazier, James L., assignor.)						
Gray, Alexander T., Schenectady, N. Y., assignor to General Electric Company. Condenser for elastic-fluid turbines.....	873,041	Dec. 10	1552	325	131	1441
Gray, Alfred, New York, N. Y. Dress-suit case.....	866,459	Sept. 17	2625	733	130	884
Gray, Almon J., St. Paul, Minn., assignor, by mesne assignments, to W. E. S. Strong, Chicago, Ill., and F. V. Bartlett, Detroit, Mich. Grease-cup.....	847,988	Mar. 19	4594	1008	127	1208
Gray, Arthur W., Berkeley Cal. Packing for rotary stems.....	841,960	Jan. 22	4345	937	126	1226
Gray, Banning. (See Myers, William S., assignor.)						
Gray, Bertram, Johannesburg, Transvaal. Toggle-arm.....	843,450	Feb. 5	1202	253	126	2091
Gray, Budd D., New York, N. Y. Carbureter.....	855,170	May 28	5655	1177	128	1542
Gray, Charles F., Bridgeport, Conn., assignor by mesne assignments, to Singer Manufacturing Company. Binder for sewing-machines.....	859,939	July 16	2498	678	129	891

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Gray, Charles W., Chattanooga, Tenn. Stamping-machine.....	845,776	Mar. 5	87	17	127	26
Gray, Charles W., Chattanooga, Tenn. Moistening device.....	870,234	Nov. 5	569	153	131	186
Gray, Chester E., Washington, D. C. Apparatus for determining water in butter, &c.....	858,868	July 2	878	229	129	302
Gray, Clinton C. (See Hensley, William N., assignor.)						
Gray, Daniel H. and G. S., Dunbar, Pa. Coal-washer.....	871,499	Nov. 19	2865	719	131	833
Gray, David A., Chattanooga, Tenn. Post-hole digger.....	853,010	May 7	1321	275	128	335
Gray, Edgar S., Greenfield, Ohio. Ribbon-holder.....	855,848	June 4	793	166	128	1895
Gray, Elisha, Highland Park, Ill., assignor, by mesne assignments, to Submarine Signal Company. Device for transmitting sound through water.....	866,128	Sept. 17	2147	597-8	130	731
Gray, Gardner L., assignor of one-half to J. Biederman, Paducah, Ky. Composition for removing soot from chimneys.....	853,873	May 14	3041	.....	128	810
Gray, George, assignor to Mianus Motor Works, Mianus, Conn. Engine.....	865,099	Sept. 3	521	144	130	158
Gray, George S. (See Gray, Daniel H. and G. S.)						
Gray, George S., Beloit, Wis. Nut-lock.....	853,237	May 14	1752	364	128	476
Gray, Harry M., assignor of one-half to E. G. Bell, Pittsburg, Pa. Bottle-stopper.....	853,079	May 7	1436	300	128	364
Gray, Henry E., Columbus, Ohio. Clip for whiffletrees.....	853,353	May 14	2008	415	128	547
Gray, Henry E., assignor to Adjustable Clip Company, Columbus, Ohio. Sealing device for pipe-couplings.....	851,929	Apr. 30	6483	1352	127	3376
Gray, Henry M., Duffield, England. Chain.....	871,796	Nov. 26	3435	843	131	958
Gray, Hubert M., Minneapolis, Minn. Grain-sampler.....	855,849	June 4	794	166	128	1895
Gray, Isaac C., assignor of one-half to F. Voorhees, Logansport, Ind. Boiler-cleaner.....	870,773	Nov. 12	1443	391	131	501
Gray, Isaac C., assignor of one-half to F. Voorhees, Logansport, Ind. Boiler-cleaner for steam-engines.....	870,774	Nov. 12	1444	391	131	502
Gray, J. M., Jr., et al. (See Medaris, William R., assignor.)						
Gray, James A., San Francisco, Cal. Can-body-forming machine.....	871,268	Nov. 19	2332	608-9	131	755
Gray, James W., Tacoma, Wash. Planer-head.....	853,170	May 7	1593	331	128	403
Gray, John F., Portsmouth, N. H. Marine vessel.....	841,961	Jan. 22	4347	938	126	1226
Gray, John G., Philadelphia, Pa. Optical instrument.....	872,120	Nov. 26	4168	996	131	1066
Gray, Leonard W. (See McNish and Gray.)						
Gray, Peter, Cambridge, Mass. Signal device.....	868,546	Oct. 15	2092	584-5	130	1995
Gray, Peter D., assignor to T. R. Gray, San Francisco, Cal. Porous filtering-plate and making same.....	872,621	Dec. 3	636	.....	131	1267
Gray, Robert K., London, England. Rubber mat.....	839,834	Jan. 1	57	13	126	17
Gray, Simon J., and J. Horning, Oakland, Cal. Sawing-machine.....	840,314	Jan. 1	1054	230-1	126	282
Gray, Simon J., and J. Horning, Oakland, Cal. Saw.....	873,666	Dec. 10	2756	585	131	1647
Gray Telephone Pay Station Company. (See Long, George A., assignor.)						
Gray, Thomas A., Farmville, Va. Running-gear.....	858,807	July 2	784	205	129	274
Gray, Thomas B., et al. (See Roche and Breese, assignors.)						
Gray, Thomas J., Chicago, Ill., assignor, by mesne assignments, to Indiana Road Machine Company, Fort Wayne, Ind. Crushing machinery.....	861,172	July 23	4393	1205-7	129	1543
Gray, Tone R. (See Gray, Peter D., assignor.)						
Gray, William, Springfield, Mo. Hammock.....	871,692	Nov. 19	3214	796	131	893
Gray, William, Lincoln, Nebr. Cut-off and blast-regulator for grain, ore, and mineral separators.....	874,329	Dec. 17	4158	875	131	1899
Gray, William E., assignor of one-half to J. B. Beard, Vinton, Va. Air-compressor.....	847,470	Mar. 19	3508	767-8	127	944
Gray, William H. (See McFadden, Origen A., assignor.)						
Gray, William H., Eddyville, Iowa. Pruning-shears.....	869,898	Nov. 5	42	12	131	15
Gray, William L. (See Hadley and Gray.)						
Grayson, Belle M., Milwaukee, Wis. Supporting-garment.....	846,562	Mar. 12	1703	376	127	462
Grayson, Pauline, London, England. Artificial-fuel process and production.....	863,028	Aug. 13	1494	.....	129	2580
Graziano, Frank, New Orleans, La. Recorder.....	861,972	July 30	5662	1571	129	1772
Greaser, Daniel F., Allegheny, Pa. Safety device for elevators.....	859,761	July 9	2219	603	129	772
Greaser, Daniel F. and H. H., Pittsburg, Pa. Emergency-brake for vehicles.....	850,302	Apr. 16	3232	674	127	2486
Greaser, Harrison H. (See Greaser, Daniel F. and H. H.)						
Great Bear Spring Company. (See Emerick, Frederick A., assignor.)						
Greaves, Joseph, Radersburg, Mont. Propelling device for steam vessels.....	841,243	Jan. 15	2925	636	126	831
Greber, Joseph A. (See Yoakum, Robert, assignor.)						
Greeley, Charles U., Bangor, Me. Preparing peat.....	863,385	Aug. 13	2048	.....	129	2756
Greeley, Eliza D., Louisville, Ky. Eaves-trough hanger.....	865,639	Sept. 10	1381	392	130	452
Greeley, William L., New York, N. Y. Adjustable anchor device.....	846,995	Mar. 12	2560	564	127	681
Green, Arthur H., Portsmouth, N. H. Cash-register.....	853,011	May 7	1324	276	128	336
Green Bay Cot Company. (See Rappee, Francis D., assignor.)						
Green, Carl R., Dayton, assignor to Columbus Pneumatic Tool Company, Columbus, Ohio. Fluid-pressure power-hammer.....	867,033	Sept. 24	3500	993	130	1191
Green, Carroll E., Cincinnati, Ohio, assignor to Elliott-Fisher Company, New York, N. Y. Combined calculating and type-writing machine.....	858,650	July 2	514	132-3	129	179
Green, Dallas F., Fort Wayne, Ind. Guard for eyeglasses.....	853,689	May 14	2666	549	128	719
Green, David N., Sunbury, Ohio. Wave-motor.....	868,547	Oct. 15	2096	585-6	130	1997
Green, David R., Waterloo, Iowa. Centrifugal cream-separator.....	862,633	Aug. 6	894	239	129	2361
Green, David S., St. Louis, Mo. Cuspidor.....	845,944	Mar. 5	449	93	127	115
Green, David S., St. Louis, Mo. Toy.....	871,399	Nov. 19	2635	673	131	800
Green, Edgar O., Ballard, Wash. Ladder.....	864,751	Aug. 27	4149	1152	129	3467
Green, Elbert M. (See Bachman and Green.)						
Green, Felix G., Sedalia, Mo. Seed-planter.....	855,630	June 4	357	74	128	1785
Green, Francis C. (See Hawley, Green, Fulton, and McElroy.)						
Green, Francis S. (See Frye and Green.)						
Green, Francis W., Wakefield, England. Air-heater.....	874,673	Dec. 24	4849	1018	131	2045
Green, Frank D., and J. P. MacLearn, Philadelphia, Pa.; said MacLearn assignor to said Green. Apparatus for charging liquids with carbonic-acid gas.....	855,243	May 28	5790	1207	128	1577
Green, Frank W. (See Howell and Green.)						
Green, George I., Dunnigan, Cal. Pneumatic attachment for sickles.....	859,602	July 9	1989	536	129	699
Green, George M., Denver, Colo., assignor of one-half to W. T. Green, Tampa, Fla. Horse-shoe.....	869,838	Oct. 29	4138	1143	130	2678
Green, Gordon, et al. (See Moore, John J., assignor.)						
Green, Gustavus, assignor of one-half to F. P. C. Hope and J. Miller, Bexhill-on-Sea, England. Valve-operating mechanism for internal-combustion engines.....	857,994	June 25	5011	1057	128	3064
Green, Gustavus, assignor of one-half to F. P. C. Hope and J. Miller, Bexhill, county of Sussex, England. Cooling system for internal-combustion engines.....	871,797	Nov. 26	3436	843-4	131	958
Green, Harland C., South Bend, Ind. Garment-supporter.....	853,080	May 7	1437	301	128	364
Green, Henry C., Port, Okla. Harrow attachment.....	874,185	Dec. 17	3864	814	131	1851
Green, James H., Freeport, Pa. Window-shade and curtain-pole holder.....	848,987	Apr. 2	752	153	127	1727
Green, John, assignor to T. W. Remmers, St. Louis, Mo. Razor.....	857,342	June 18	3687	780	128	2701
Green, John H., Springfield, Ill. Pneumatic tire.....	855,884	June 4	854	177	128	1909
Green, John H., Salford, England. Pole and like erecting machine.....	875,065	Dec. 31	5658	1181	131	2197

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Green, Jonathan S., Pittsburg, Pa., assignor to Westinghouse Machine Company. Turbine blade and vane.	856,630	June 11	2357	485	128	2326
Green, Joseph R., Wakefield, assignor to Phonoharp Company, East Boston, Mass. Hitch-pin for stringed instruments.	870,283	Nov. 5	642	172	131	209
Green, Josephus H., Marietta, Ohio. Drill-shaping machine.	839,835	Jan. 1	58	13	126	17
Green, Little J., and H. Heyn, Marshall, Tex. Making soft peanut candy.	864,298	Aug. 27	3414		129	3237
Green, Lockridge L. (See Green, Washington S., assignor.)						
Green, Malcolm, et al., trustees. (See Walker, Robert L., assignor.)						
Green, Maurice, assignor to Schieffelin & Co., New York, N. Y. Inhaler.	844,449	Feb. 19	3186	688	126	2662
Green, Peyton, Wytheville, Va. Umbrella.	842,094	Jan. 22	4606	988	126	1287
Green, R. George, et al. (See Winter, Frederick W., assignor.)						
Green, Richard P., Chicago, Ill. Sheet-music turner.	842,649	Jan. 29	5827	1231	126	1634
Green, Robert, Escondido, Cal. Device for removing tires from wheels.	858,449	July 2	130	34	129	44
Green, Robert F., Toronto, Ontario, Canada. Weather-strip for doors.	868,775	Oct. 22	2479	684	130	2143
Green, Robert J., St. Louis, Mo. Carpet-beater.	856,139	June 4	1326	277	128	2028
Green, Samuel R., Grassflat, Pa. Brake for mine-cars.	856,378	Sept. 10	961	275	130	320
Green, Thomas P., St. Louis, Mo. Tube-expander.	866,644	Sept. 24	2904	818	130	1000
Green, Thomas W., assignor to Wilbraham-Green Blower Company, Philadelphia, Pa. Packing for rotary blower-shafts.	853,632	May 14	2549	528	128	687
Green, Thomas W., assignor to Wilbraham-Green Blower Company, Philadelphia, Pa. Rotary blower.	853,690	May 14	2668	550	128	719
Green, Thomas W., assignor to Wilbraham-Green Blower Company, Philadelphia, Pa. Rotary blower or exhauster.	859,762	July 9	2221	604	129	773
Green, Thomas W., assignor to Wilbraham-Green Blower Company, Philadelphia, Pa. Rotary blower.	859,763	July 9	2222	604	129	773
Green, Wade H., et al. (See Merkel, Bernard F., assignor.)						
Green, Washington S., assignor of one-half to L. L. Green, St. Louis, Mo. Belt-stretcher.	841,510	Jan. 15	3456	744	126	971
Green, Willard R., Muscatine, Iowa. Absorbent material.	875,066	Dec. 31	5660	1181	131	2198
Green, Willard R., Muscatine, Iowa. Machine for making fiber strands.	875,067	Dec. 31	5662	1181-2	131	2198
Green, Willard R., Muscatine, Iowa. Paper manufacture.	875,068	Dec. 31	5665	1182	131	2198
Green, Willard R., Muscatine, Iowa. Paper manufacture.	875,069	Dec. 31	5667	1182	131	2199
Green, Willard R., Muscatine, Iowa, assignor to United States Textile Company, Boston, Mass. Flax-breaking apparatus.	852,503	May 7	251	45	128	71
Green, William, Honolulu, Hawaii. Spool-holder.	848,460	Mar. 26	5501	1198	127	1474
Green, William T. (See Green, George M., assignor.)						
Green, William W., Niles, Mich., assignor to Garden City Fan Company, Chicago, Ill. Blower.	846,844	Mar. 12	2274	498-9	127	610
Greenawalt, David F., York, Pa. Display-rack.	848,100	Mar. 26	4815	1050-1	127	1303
Greenawalt, David F., York, Pa. File-cabinet.	856,862	June 11	2772	576-7	128	2428
Greenawalt, David F., York, Pa. Display-rack.	861,363	July 30	4729	1292	129	1688
Greenawalt, David F., York, Pa. Glove presser and holder.	862,154	Aug. 6	51	15	129	2097
Greenawalt, David F., York, Pa. Merchandise-holder.	865,032	Sept. 3	425	112-13	130	130
Greenawalt, David F., York, Pa. Merchandise-holder.	872,411	Dec. 3	194	39	131	1199
Greenawalt, John E., Denver, Colo. Chloridizing ores.	873,309	Dec. 10	2075	433	131	1528
Greenawalt, Peter C., Reading, Pa. Sad-iron. (Reissue.)	12,682	Aug. 27	4165	1157	129	3472
Greenbaum, George, Kansas City, Mo. Finger-ring.	858,450	July 2	131	35	129	44
Greenbaum, Manuel, Kansas City, Mo. Street-car fender.	850,572	Apr. 16	3758	785-6	127	2639
Greenberg, Isaac, New York, N. Y. Slipper-sole.	847,063	Mar. 12	2703	595	127	714
Greenberg, Leon. (See Hartwich, Albert J., assignor.)						
Greenberger, David, Cleveland, Ohio. Trousers-support.	851,930	Apr. 30	6485	1353	127	3377
Greene, Bartholomew H., assignor of two-thirds to H. D. Weaver and E. C. Albright, East Liverpool, Ohio. Dies for mantle-holders.	860,368	July 16	3150	861	129	1105
Greene, David R., assignor of one-third to G. A. Baker, Jr., Chicago, Ill. Music-roll for pianolas.	863,167	Aug. 13	1720	462	129	2651
Greene, Ernest F., Silver Creek, N. Y. Railway-switch.	848,986	Apr. 2	749	152-3	127	1779
Greene, Frank C., Cleveland, Ohio. Device for collecting miners' checks.	853,971	May 21	3267	671	128	907
Greene, Frank W., Shreveport, La. Woodworking-machine.	840,315	Jan. 1	1057	231	126	282
Greene, Frederick, Canonsburg, Pa. Nut-lock.	873,424	Dec. 10	2305	482	131	1567
Greene, Frederick R. (See Fournia, John, assignor.)						
Greene, George G., Moorhead, Minn. Machine for cleaning erasers.	874,400	Dec. 24	4305	906	131	1956
Greene, Gilbert F., Washington, D. C. Cotton-picker.	872,340	Dec. 3	41	8	131	1175
Greene, Gilbert F., Washington, D. C. Means for harvesting cotton.	872,341	Dec. 3	45	9-10	131	1176
Greene, Harry, and H. A. Krepsky, Colby, Wis. Fence.	843,744	Feb. 12	1793	382	126	2277
Greene, John P., et al. (See De Vaux, Louis, assignor.)						
Greene, Robert, et al. (See McDonald, William T. B., assignor.)						
Greene, Tweed and Company. (See Weber, William L., assignor.)						
Greene, Wallace, et al. (See Gilroy, Frank J., assignor.)						
Greene, William, Blackwater, Va. Derailment-guard.	861,512	July 30	4958	1362	129	1757
Greene, William F. (See Logan and Greene.)						
Greenfield Automatic Fastener Company. (See Greenfield, Edwin T., assignor.)						
Greenfield, Edwin T., Kiamasha, N. Y. Tubing.	840,766	Jan. 8	1964	432	126	545
Greenfield, Edwin T., Kiamasha, N. Y. Tubing.	846,996	Mar. 12	2562	564	127	681
Greenfield, Edwin T., Kiamasha, N. Y. Metallic hose.	848,238	Mar. 26	5048	1104	127	1362
Greenfield, Edwin T., Kiamasha, N. Y. Junction-box.	852,431	May 7	43	9	128	14
Greenfield, Edwin T., Kiamasha, N. Y. Junction-box.	857,053	June 18	3142	662	128	2563
Greenfield, Edwin T., Kiamasha, N. Y. Connector.	861,458	July 30	4891	1341	129	1735
Greenfield, Edwin T., Monticello, assignor to Greenfield Automatic Fastener Company. New York, N. Y. Staple blank or strip.	839,836	Jan. 1	60	14	126	17
Greenfield, Jesse C., Macon, Mo. Shears.	842,650	Jan. 29	5829	1231	126	1634
Greenhagen, John H., Columbus City, Oreg. Flame-spreader for oil-burners.	844,931	Feb. 19	4387	938	126	2954
Greenhouse, John, Cambridge Springs, Pa. Tray.	855,565	June 4	230	45	128	1755
Greening, William J., Middletown, N. Y. Lubricating means for axles or the like.	851,201	Apr. 23	4983	1047	127	2967
Greenison, Nelson J., New York, N. Y. Trolley.	863,984	Aug. 20	2936	808	129	3062
Greenlaw, Arthur L., Malden, assignor of one-half to W. W. Blair, Newtonville, Mass. Flexible pipe-joint.	871,757	Nov. 19	3342	822	131	914
Greenlaw Manufacturing Co. (See Greenlaw, Warren A., assignor.)						
Greenlaw, Warren A., Melrose, assignor to Greenlaw Manufacturing Co., Boston, Mass. Flexible pipe-joint.	872,121	Nov. 26	4171	996	131	1066
Greenleaf, George E. (See Sears, Greenleaf, and Reiss.)						
Greenleaf, George E., Plainfield, assignor to Niles-Bement-Pond Company, Jersey City, N. J. Lathe.	842,883	Feb. 5	82	19	126	1812
Greenleaf, George E., Plainfield, assignor to Niles-Bement-Pond Company, Jersey City, N. J. Turret tool-post.	848,822	Apr. 2	450	88	127	1701
Greenleaf, William I., et al. (See Olsen, John, assignor.)						
Greenley, Ellis. (See Robbins, Ira O., assignor.)						
Greenspan, Abraham, Philadelphia, Pa. Fastener for horse-collars.	855,171	May 28	5657	1177	128	1543

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Greenstein, Julius, and J. Lednitzky, New York, N. Y. Detachable heel.....	852,173	Apr. 30	6995	1460	127	3506
Greenwald Bros. (See Greenwald, Jacob, assignor.)						
Greenwald, Isaac W., Frederick, assignor of one-half to G. L. Hildebrand, Dickerson, Md. Surrer.....	841,010	Jan. 8	2439	533	126	662
Greenwald, Jacob, assignor to Greenwald Bros., Philadelphia, Pa. Lady's skirt.....	855,885	June 4	856	177	128	1910
Greenwall, Philip W. (See Jossenberger, Victor E., assignor.)						
Greenway, Richard J., Jr., Westerly, R. I., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Attachment for ink-fountains of printing-presses.....	844,673	Feb. 19	3890	823	126	2828
Greenwell, Robert L. (See Wilson and Greenwell.)						
Greenwood, John R., Boothwyn, Pa. Dyeing-machine.....	854,417	May 21	4126	855	128	1126
Greenwood, Thomas, Wolverley, near Kidderminster, England. Loom for the manufacture of tufted or pile fabrics.....	872,506	Dec. 3	394	82	131	1230
Greenwood, Thomas, Wolverley, near Kidderminster, England. Loom for the manufacture of tufted or pile fabrics.....	872,507	Dec. 3	395	83	131	1230
Greenwood, Thomas, Wolverley, near Kidderminster, England. Loom for the manufacture of tufted or pile fabrics.....	872,508	Dec. 3	396	83	131	1230
Greer, Ada B., Wheeling, W. Va. Clothes-line prop and holder.....	852,602	May 7	462	85	128	123
Greer, Franklin M., Winona, Minn. Game.....	855,455	June 4	30	7	128	1702
Greer, Joseph A. (See Stewart and Greer.)						
Greeson, Burnett & Co. (See Greeson, David H., assignor.)						
Greeson, David H., assignor to Greeson, Burnett & Co., Bowie, Tex. Steam and air valve operator.....	843,598	Feb. 12	1526	324	126	2207
Gregaire, Joseph A. (See Beham, Howard A., assignor.)						
Gregerson, Edwin J. J., Woodville, Wis. Interlocking clevis.....	840,128	Jan. 1	696	149	126	190
Gregg, Albert H., assignor to Havana Tobacco Company, New York, N. Y. Tobacco packing and shipping can.....	843,745	Feb. 12	1794	382	126	2277
Gregg, Arthur. (See Jones and Gregg.)						
Gregg, Arthur. (See Taverner and Gregg.)						
Gregg, Harriet L., Plainfield, N. J. Garment-stay.....	855,399	May 28	6052	1264	128	1642
Gregg, John A., Burlington, Iowa. Turn-button.....	871,269	Nov. 19	2334	609	131	755
Gregory, Clarence, Washington, Ind. Wire-stretcher.....	860,742	July 23	3736	1024	129	1329
Gregory, Fred L., Chicago, Ill. Rotary motor.....	856,631	June 11	2359	485-6	128	2326
Gregory, Fred L., Chicago, Ill., assignor to Gregory Rotary Engine Company, Pierre, S. D. Rotary packing device.....	860,656	July 23	3612	990	129	1291
Gregory, Henry R., New York, assignor to W. A. Ker, Brooklyn, N. Y. Thin leaf or fabric.....	848,301	Mar. 26	5194	.....	127	1399
Gregory, James W., Marilla, N. Y. Bag-holder.....	840,316	Jan. 1	1061	232	126	283
Gregory, John H., W. W. Jackson, Columbus, Ohio, and F. N. Connet, assignors to Builders Iron Foundry, Providence, R. I. Automatic flow-regulator for liquids and gases.....	857,343	June 18	3689	780	128	2701
Gregory, John H., W. W. Jackson, Columbus, Ohio, and F. N. Connet, assignors to Builders Iron Foundry, Providence, R. I. Automatic flow-regulator for liquids and gases.....	868,776	Oct. 22	2480	684-5	130	2143
Gregory Rotary Engine Company. (See Gregory, Fred L., assignor.)						
Gregory, Walter, trustee. (See Richardson, John S., assignor.)						
Gregory, William, assignor of one-half to J. H. Bentley, Paterson, N. J. Driving device for quilting, spinning, and other textile machinery.....	868,982	Oct. 22	2789	769	130	2238
Gregson, William, Beaumont, Tex. Tubular-tank inspector and gage.....	848,898	Apr. 2	611	121	127	1745
Greifenhagen, Walther H., Munich, Germany. Drop-flask.....	841,684	Jan. 22	3794	825	126	1088
Greiner, Friedrich, Berlin, assignor to Maschinenbau-Anstalt Altenessen, A. G., Altenessen, Germany. Ball-bearing.....	874,401	Dec. 24	4306	906	131	1956
Greis, Frank E., Syracuse, N. Y. Sash-lock.....	873,425	Dec. 10	2306	482	131	1567
Grieser, Richard, and F. C. Yates, New York, N. Y. Oiling device.....	843,084	Feb. 5	498	104	126	1921
Grieshaber, Johannes, Schaffhausen, Switzerland. Machine for cutting and dressing grindstones.....	845,410	Feb. 26	5357	1136-7	126	3238
Greist, Hubert M., New Haven, Conn., assignor to Greist Manufacturing Company. Sewing-machine ruffler.....	851,232	Apr. 23	5050	1063	127	2984
Greist, John M., deceased; M. F. W. and P. R. Greist, administrators, New Haven, Conn., assignors to Greist Manufacturing Company. Sewing-machine hemmer.....	855,304	May 28	5895	1229	128	1603
Greist Manufacturing Company. (See Greist, Hubert M., assignor.)						
Greist Manufacturing Company. (See Greist, John M., assignor.)						
Greist Manufacturing Company. (See Greist, Percy R., assignor.)						
Greist, Mary F. W., et al., administrators. (See Greist, John M.)						
Greist, Percy R., et al., administrators. (See Greist, John M.)						
Greist, Percy R., New Haven, Conn., assignor to Greist Manufacturing Company. Sewing-machine tuck-creaser.....	854,942	May 28	5175	1078	128	1421
Greist, Percy R., New Haven, Conn., assignor to Greist Manufacturing Company. Plating-separating device.....	854,943	May 28	5176	1078	128	1421
Grell, William F., New York, N. Y. Wheel.....	844,347	Feb. 19	2988	640	126	2613
Grenier, Emadia J., Menominee, Mich. Combined jack and restoring-drop.....	865,379	Sept. 10	962	276	130	310
Greth, John C. W., assignor to Wm. B. Scaife & Sons Company, Pittsburg, Pa. Water-purifying apparatus.....	846,845	Mar. 12	2275	499	127	610
Greth, John C. W., assignor to Wm. B. Scaife & Sons Company, Pittsburg, Pa. Mixing device.....	855,631	June 4	359	74	128	1786
Greth, John C. W., assignor to Wm. B. Scaife & Sons Company, Pittsburg, Pa. Water-purifying apparatus.....	872,412	Dec. 3	196	39	131	1199
Grether, John L., St. Louis, Mo. Sash-fastener.....	840,317	Jan. 1	1062	232	126	283
Grettenberger, Christoph F. (See Winger, Josiah G., assignor.)						
Greuter, Charles R., Holyoke, Mass., assignor to Matheson Motor Car Company, Wilkes-Barre, Pa. Driving-axle suspension for motor-vehicles.....	840,842	Jan. 8	2101	465	126	578
Greuter, Charles R., assignor to Matheson Motor Car Company, Wilkes-Barre, Pa. Combined jump-spark and contact-spark device.....	875,258	Dec. 31	6026	1257	131	2260
Grever, Edward C., Cincinnati, Ohio. Puffing-iron.....	859,289	July 9	1537	402	129	540
Grey, Harry E., assignor of one-half to J. F. Holland, Philadelphia, Pa. Gasket.....	864,419	Aug. 27	3587	997	129	3292
Grey, John W. (See Smith, Joseph, assignor.)						
Greyer, Julius, assignor to W. T. Wagner's Sons, Cincinnati, Ohio. Water-cooler.....	842,312	Jan. 29	5083	1083	126	1441
Gribben, John, Sharpsburg, assignor of one-half to D. J. Morgan, Pittsburg, Pa. Trolley-pole support.....	854,489	May 21	4259	881	128	1159
Gribben, John, Sharpsburg, assignor of one-half to D. J. Morgan, Pittsburg, Pa. Apparatus for forming tapering tubes.....	856,694	June 11	2470	508	128	2353
Gribben, William. (See Fraser and Gribben.)						
Gribble, Herbert F., assignor of one-half to F. A. Rolph, Toronto, Ontario, Canada. Producing facsimiles of oil-paintings.....	861,025	July 23	4194	1149	129	1477
Grice, John R., and O. E. Pidcock, Duell, Colo. Calf-weaner.....	847,571	Mar. 19	3699	816	127	994
Grieb, Conrad F. (See Smith, Nelson R., assignor.)						
Griebel, Albert P., Woodstock, Ill. Sparking dynamo and governor.....	862,329	Aug. 6	365	100	129	2197

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Grieder, Emil, assignor of one-half to E. J. Cole, Woodbine, Iowa. Adjustable friction-belt for automobile-tires.	862,070	July 30	5813	1612	129	2021
Griepke, August W. H., New York, N. Y. Air-ship.	869,238	Oct. 29	3180	876	130	2386
Griesser, Richard, assignor to Pollard-Ailing Manufacturing Company, New York, N. Y. Die-carrier.	859,214	July 9	1388	369	129	498
Griesser, Richard, assignor to Pollard-Ailing Manufacturing Company, New York, N. Y. Printing-plate chain.	866,928	Sept. 24	3338	942	130	1141
Griesing, Wilhelm. (See Mädlar, Hartung, and Griesing.)						
Griesser, Wilhelm, Joplin, Mo., assignor to Brewery Equipment & Supply Co., New York, N. Y. Triple-pipe beer-cooler.	856,140	June 4	1327	277-8	128	2028
Griesser, Wilhelm, Joplin, Mo., assignor to Brewery Equipment & Supply Co., New York, N. Y. Cooling apparatus.	872,175	Nov. 26	4272	1020-1	131	1085
Griesser, Wilhelm, Pittsburg, Pa., assignor to Brewery Equipment & Supply Co., New York, N. Y. Feed-water heater.	856,141	June 4	1330	278	128	2028
Griest, Henry J. (See Southern and Griest.)						
Griffin, Fitz Roy N., Chicago, Ill., assignor to R. P. Dunston, Hancock, Mich. Excavating-wheel.	865,380	Sept. 10	964	276	130	321
Griffin, Frank B., assignor to F. S. Fell and W. R. Hill, Oshkosh, Wis. Contact-breaker for induction-coils.	857,458	June 18	3904	830	128	2753
Griffin, George C., Houston, Tex. Ditching-machine.	865,381	Sept. 10	964	276-7	130	321
Griffin, Gerard F. (See Corthésy, Jules H., assignor.)						
Griffin, Henry, Kenyon, R. I. Picker-motion for looms.	860,462	July 16	3296	901	129	1154
Griffin, Henry F., et al. (See Griffin, Patrick H., assignor.)						
Griffin, James, Borrisokane, Ireland. Toy.	844,793	Feb. 19	4146	883	126	2895
Griffin, James C., assignor to Griffin Manufacturing Company, Erie, Pa. Hasp.	855,566	June 4	231	45	128	1755
Griffin, James J., San Francisco, Cal. Automatic can-heading machine.	862,634	Aug. 6	896	240-1	129	2361
Griffin, Jennie L., et al. (See Scott, William A., assignor.)						
Griffin, Judson M., Detroit, Mich. Check-protector.	857,618	June 25	4233	895	128	2868
Griffin Manufacturing Company. (See Griffin, James C., assignor.)						
Griffin, Martin, assignor of two-thirds to A. M. Lane, St. Marys, and J. H. Weaver, Philadelphia, Pa. Pressure-retaining and quick-release valve for air-brakes.	871,270	Nov. 19	2335	609	131	755
Griffin, Patrick H., assignor to H. F. and W. A. Griffin, Buffalo, N. Y. Braking apparatus.	868,777	Oct. 22	2482	685	130	2144
Griffin, Samuel, Bath, England. Gas-producer.	873,858	Dec. 17	3180	677	131	1746
Griffin, Seaborne R., Whigham, assignor of one-half to F. Bethene, Bainbridge, Ga. Wrench.	840,843	Jan. 8	2103	465	126	578
Griffin Wheel Company. (See Vial, Frederick K., assignor.)						
Griffin, William A., et al. (See Griffin, Patrick H., assignor.)						
Griffin, William H., Oxford, Ala. Buckle.	847,064	Mar. 12	2703	595	127	714
Griffin, William J., Morley, Mich. Compressed-air tank.	868,548	Oct. 15	2098	586	130	1998
Griffith, Charles, Elizabeth, Pa. Insulator.	849,896	Apr. 9	2502	516	127	2261
Griffith, Clarence E., Chicago, Ill. Combined hand and foot operated driving mechanism.	858,651	July 2	518	133	129	180
Griffith, Frederick. (See Harleman, John, assignor.)						
Griffith, James E. (See Cunningham and Griffith.)						
Griffith, John R., and L. G. Cosper, Independence, Kans. Well-drilling machine.	864,730	Aug. 27	4120	1144	129	3459
Griffith, Joseph C., et al. (See Jordan, Henry C., assignor.)						
Griffith, Joseph M., Cardiff, Md. Conveyor.	867,124	Sept. 24	3635	1031-2	130	1231
Griffith, Lawrence, Yonkers, N. Y., assignor to Hall Signal Company. Mechanical movement.	873,426	Dec. 10	2307	483	131	1567
Griffith, Patrick G., London, England. Effecting the destruction of pathogenic organisms in water or other liquids.	839,926	Jan. 1	252	54	126	70
Griffith, Patrick G., London, England. Apparatus for use in purifying water and other liquids.	867,969	Oct. 15	1196	330	130	1720
Griffith, Samuel D., Curwensville, Pa. Atmospheric clothes-pounder.	874,066	Dec. 17	3646	766	131	1818
Griffith, Thomas K., Nocona, Tex. Cotton-topper.	852,715	May 7	688	133-4	128	180
Griffith, William B. (See Porter, James A., assignor.)						
Griffith, William H., Omaha, Nebr. Chain-link.	862,470	Aug. 6	616	164	129	2281
Griffiths, David R., Richville, N. Y. Mowing-machine.	870,358	Nov. 5	766	204	131	252
Griffiths, William H., Chester, Pa. Composite railway-tie.	870,087	Apr. 9	2823	591	127	2339
Griffiths, William U., Philadelphia, Pa. Valve-support for outdoor water-closets.	856,579	June 11	2255	464	128	2298
Grigg, James R., Arapaho, Okla. Ter. Harrow-disk.	849,386	Apr. 9	1538	311	127	2017
Griggs, Charles C., and J. C. Jensen, Eureka, Utah. Shock-absorbing hub.	856,525	June 11	2136	439	128	2268
Griggs, David C. (See Lamb and Griggs.)						
Griggs, David C. (See Lamb, Griggs, and Smith.)						
Grigsby, William W., Lawhon, La. Listening apparatus for telephones.	841,244	Jan. 15	2926	636-7	126	832
Grill, Frank, St. Louis, Mo. Roughening-tool for belt-pulleys.	864,370	Aug. 27	3520	977	129	3271
Grimes, Charles D., deceased, Dayton, Ohio; H. E. Dill, administrator. Machine for forming and applying wire bails to paper boxes.	872,176	Nov. 26	4274	1021-2	131	1085
Grimes, Curtis C., Haskell, Ind. Ter. Equalizing apparatus.	853,081	May 7	1438	301	128	365
Grimler, Frank G., Buffalo, N. Y. Sectional stand.	870,429	Nov. 5	888	239	131	292
Grimm, Conrad A., New York, N. Y. Non-refillable bottle.	844,348	Feb. 19	2989	640	126	2614
Grimm, Gerhardt E., Camden, N. J. Antiseptic guard for telephone-transmitters.	843,940	Feb. 12	2172	464	126	2372
Grimm, Gerhardt E., Philadelphia, Pa. Guard for the mouthpieces of telephone-transmitters.	860,025	July 16	2647	720	129	940
Grimm, William, assignor to Interlocking Fence Company, Morton, Ill. Wire-fence fabric.	863,060	Aug. 13	1531	415-16	129	2591
Grimmer, Frederic H., Brooklyn, N. Y. Baby-wagon or go-cart.	855,000	May 28	5290	1099-1100	128	1449
Grimshaw, Charles B. (See Nilson, Nils, assignor.)						
Grimsrud, Lucas A., Spokane, Wash. Hose-reel.	848,239	Mar. 26	5050	1104	127	1363
Grinberg, Lassar J., New York, N. Y. Stove-leg fastening.	855,567	June 4	232	45	128	1755
Grindrod, John, and A. W. Gilfillan, Bakersfield, Cal. Pipe-coupling.	861,828	July 30	5453	1503	129	1908
Grindrod, John R., Lynn, Mass., assignor to General Electric Company. Commutator.	847,284	Mar. 12	3113	686	127	816
Griner, Calvin C., Macungie, Pa. Shoe cleaning and blackening device.	856,863	June 11	2774	577	128	2429
Grings, Casper H. (See Lee and Grings.)						
Grings, Casper H., assignor of one-half to Dubuque Harness & Saddlery Company, Dubuque, Iowa. Harness-pad.	858,510	July 2	258	63	129	92
Grings, Casper H., assignor of one-half to Dubuque Harness & Saddlery Company, Dubuque, Iowa. Manufacturing harness-saddles.	864,892	Sept. 3	206	57-8	130	64
Grinnell, William E., et al. (See Monroe, Charles H., assignor.)						
Grisdale, George W., Jr., Philadelphia, Pa. Trolley-wheel support.	867,125	Sept. 24	3636	1032	130	1232
Grisier, Henry G., Stryker, Ohio. Block-machine.	857,995	June 25	5012	1057	128	3064
Griswold, Arthur G., assignor of one-half to J. B. Griswold, Kankakee, Ill. Explosive-engine.	872,342	Dec. 3	51	10	131	1176
Griswold, Chester W., Milan, Kans. Automatic feed-trough.	855,568	June 4	232	46	128	1755
Griswold, Frank E., Geneva, Ohio. Speculum.	872,343	Dec. 3	54	10-11	131	1177
Griswold, Frank E., Geneva, Ohio. Speculum.	872,344	Dec. 3	55	11	131	1177

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Griswold, George G., <i>et al.</i> (See Merkel, Bernard F., assignor.)						
Griswold, George W., Manomet, assignor of one-half to M. L. Childs, Waltham, Mass.	852,383	Apr. 30	7381	1549	127	3601
Griswold, Glen G., Madison, Ohio. Manure-spreader.	856,632	June 11	2361	486	128	2326
Griswold, J. B. (See Griswold, Arthur G., assignor.)						
Griswold, John C., New York, N. Y. Clasp-knife.	868,179	Oct. 15	1494	423	130	1812
Griswold, Thomas, Jr., Midland, Mich., assignor to Ontario Nickel Company, Limited, Worthington, Canada. Separating the more soluble constituents of a material from the less soluble constituents thereof.	863,061	Aug. 13	1532	416-17	129	2591
Griswold, Thomas, Jr., assignor of one-half to E. O. Barstow, Midland, Mich. Washing.	863,062	Aug. 13	1537	417-18	129	2591
Griswold, Thomas, Jr., Midland, Mich., assignor to Ontario Nickel Company, Limited, Worthington, Ontario, Canada. Means for use in separating the more soluble constituents of a material from the less soluble constituents thereof.	863,168	Aug. 13	1721	462-3	129	2651
Gritton, Alpheus J., Heron Lake, Minn. Straw-stacker.	845,078	Feb. 26	4690	995-6	126	3070
Groash, Harrison M., deceased, St. Louis, Mo.; H. Troll, public administrator. Slack-adjuster for electric lamps.	853,238	May 14	1753	365	128	476
Grob, Julius, Horgen, Switzerland. Heddle for weaving-loom.	857,732	June 25	4400	942	128	2926
Grocott, Frederick C., Walthamstow, England. Hair-curling device.	854,884	May 28	5080	1056	128	1397
Groene, William F. (See Le Blond and Groene.)						
Groenig, August, Holloway, Minn. Running-gear for automobiles.	854,210	May 21	3752	776	128	1030
Groenig, August, Holloway, Minn. Lever-actuated buggy-top.	854,211	May 21	3753	776	128	1030
Groesbeck, William G., and G. S. Radford, Boston, Mass. Means for controlling automobiles.	844,863	Feb. 19	4276	911-12	126	2928
Groff, David K., Cerro Gordo, Ill. Brooder.	856,696	June 11	2476	509	128	2350
Groff, John M., North Lawrence, Ohio. End-gate.	848,240	Mar. 26	5051	1104	127	1363
Gronbeck, Christian E. A., New York, assignor to Tuttle & Bailey Manufacturing Company, Brooklyn, N. Y. Hot-air register.	862,071	July 30	5815	1612	129	2021
Grondal Kjellin Company. (See Hårdén, Johannes, assignor.)						
Grono, William, Litchfield, Minn. Side-track draft attachment for buggies.	869,079	Oct. 22	2944	811	130	2287
Groom, Edward, Tarrytown, N. Y. Safety drill and tap holder.	862,901	Aug. 13	1305	355	129	2518
Groom, Marshall W., San Jose, Cal. Conveying means for can cookers and exhausters.	874,330	Dec. 17	4159	875	131	1900
Grooms, Robert O., Ottumwa, Iowa. Fuse-holder.	870,531	Nov. 5	1063	281	131	333
Grooters, John H., Allendorf, Iowa. Seed-dropper.	844,932	Feb. 19	4388	938	126	2954
Groover, Charles W., Valdosta, Ga. Bath-cabinet.	860,463	July 16	3297	901	129	1154
Gropp, Max E., Nashville, Tenn. Insect-trap.	868,778	Oct. 22	2484	685	130	2145
Gros, Abel, Saintes, assignor to G. H. Jackson, O. Rondier, La Rochelle, and J. Gros, Saintes, France. Life-belt.	840,318	Jan. 1	1064	232	126	284
Gros, Hermann C., Leipzig-Leutzsch, Germany. Machine for uniting welts to stock.	855,244	May 28	5794	1207	128	1578
Gros, Judith, <i>et al.</i> (See Gros, Abel, assignor.)						
Grosch, Lee D., New Orleans, La. Oiling device.	864,163	Aug. 27	3212	889	129	3174
Grosjean, James E. (See Gardner and Grosjean.)						
Grosjean, James E. (See Gardner, Grosjean, and Pennell.)						
Grosjean, James E., Lima, Ohio. Horseshoe.	857,554	June 18	4008	869	128	2803
Groskopf, William, Chicago, Ill. Mattress.	865,585	Sept. 10	1299	368	130	424
Gross, August, and A. C. Horn, New York, N. Y.; said Gross assignor to said Horn. Waterproofing compound.	853,354	May 14	2009	-----	128	548
Gross, Freeman F., Chicago, Ill. Pavement.	847,471	Mar. 19	3510	768	127	944
Gross, Henry, New York, N. Y. Curtain-roller.	850,153	Apr. 16	2957	619	127	2411
Gross, Henry, New York, N. Y. Telephone attachment.	861,459	July 30	4892	1341	129	1736
Gross, Henry, assignor of one-half to F. Shiller, New York, N. Y. Phonograph-horn.	861,648	July 30	5169	1419	129	1825
Gross, Herman, Webster, S. D. Belt-guide.	869,899	Nov. 5	43	12-13	131	16
Gross, J. L. (See Coon, Abraham, assignor.)						
Gross, Joseph F., New York, N. Y. Drain system and apparatus.	870,027	Nov. 5	245	68	131	85
Gross, Otto, Longsight, Manchester, England. Electric-arc lamp.	851,003	Apr. 23	4587	961-2	127	2869
Gross, William A. (See Weil and Gross.)						
Grosse, Friedrich A., Bischofswerda, Germany. Apparatus for manufacturing hollow glassware.	840,056	Jan. 1	529	115	126	141
Grosse, Friedrich A., Bischofswerda, Germany. Apparatus for manufacturing hollow glassware.	841,511	Jan. 15	3457	744	126	971
Grosse, Herman G., and W. French, Chicago, Ill. Ironing-machine.	859,290	July 9	1508	403	129	540
Grosser, Agnes, Haledon, N. J. Skirt-supporter.	868,983	Oct. 22	2790	770	130	2238
Grossgebauer, John, Paterson, N. J. Window-cleaner.	869,080	Oct. 22	2945	811	130	2287
Grossman, Frank. (See Grossman, Julius and F.)						
Grossman, George, New York, N. Y. Display-rack.	842,651	Jan. 29	5829	1232	126	1634
Grossman, Joseph, Chicago, Ill. Milk-bottle protector.	845,777	Mar. 5	90	18	127	27
Grossman, Julius, New York, N. Y. Boot, shoe, and other footwear.	859,291	July 9	1509	403	129	540
Grossman, Julius and F., New York, N. Y. Extension for the heels of shoes.	872,413	Dec. 3	197	39	131	1199
Grossman, Martin, New York, N. Y. Table for punching stair-stringers.	851,931	Apr. 30	6486	1353-4	127	3377
Grossman, Martin, New York, N. Y. Machine for punching stair-stringers.	868,428	Oct. 15	1911	535	130	1973
Grossman, Samuel, New York, N. Y. Metallic stair.	851,932	Apr. 30	6190	1354	127	3378
Grossman, Samuel, New York, N. Y. Metal column, post, and the like.	868,429	Oct. 15	1915	535	130	1938
Grossman, Samuel, New York, N. Y. Stair.	868,430	Oct. 15	1915	536	130	1938
Grossmith, Alfred R. (See Lloyd and Grossmith.)						
Grossmith, Alfred R., Corby, near Kettering, England. Excavator.	847,330	Mar. 19	3214	707	127	868
Grossmith, Alfred R., Corby, near Kettering, England. Excavating machinery.	847,331	Mar. 19	3214	707-8	127	869
Grosvenor, George W., Broome House, near Stourbridge, England. Moquette or tufted carpet.	850,573	Apr. 16	3760	786	127	2623
Grosvenor, Graham, and F. A. Coolidge, New York, N. Y., assignors to Otis Elevator Company, Jersey City, N. J. Grinding apparatus.	852,021	Apr. 30	6708	1394-5	127	3434
Groté, Benjamin A., St. Louis, Mo. Combined trousers-clasp and belt-holder.	849,677	Apr. 9	2094	431	127	2156
Grote, Ferdinand, Evansville, Ind. System of filtration and water-supply.	861,028	July 23	4198	1150	129	1478
Groth, Bernhard L., St. Louis, Mo. Stump-puller.	868,431	Oct. 15	1916	536	130	1938
Grothe, Jacob. (See Fuhlendorf and Grothe.)						
Grothe, Walter, assignor to White Sewing Machine Company, Cleveland, Ohio. Shock-reducer for automobiles.	856,053	June 4	1160	245	128	1966
Grotz, Edward, and J. W. Kennedy, Chicago, Ill.; said Grotz assignor to said Kennedy. Attachment for milling-machines.	858,808	Feb. 2	786	205	129	274
Groupe, Andrew V., Philadelphia, Pa. Display-holder for cards or similar articles.	844,279	July 12	2835	604	126	2536
Groupe, Andrew V., Philadelphia, Pa., assignor to E. Jenckes Manufacturing Company, Pawtucket, R. I. Knitting-machine.	854,885	May 28	5081	1056-7	128	1397
Grout, Edward A., Medford, assignor to W. Read & Sons, Boston, Mass. Artificial bait.	853,972	May 21	3269	671	128	907
Grout, Martin B. (See Faust and Grout.)						
Grouvelle, Jules, and H. Arquembourg, Paris, France. Speed-regulator for internal-combustion engines.	863,916	Aug. 20	2837	780	129	3034
Grovatt, Frank, and W. Temple, assignors of one-third to E. Y. Temple, Trenton, N. J. Non-refillable bottle.	862,120	July 30	5905	1634	129	2048

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Grove, Arthur J., assignor to J. Grove & Sons, Halesowen, England. Snap-fastener....	844,280	Feb. 12	2837	604	126	2537
Grove, Francis H., Halesowen, England. Manufacture of buttons, brooches, belt-clasps, and buckle-fronts from horn and hoof.....	849,608	Apr. 9	1970		127	2125
Grove, Frank H., assignor to Enterprise Manufacturing Company, Columbiana, Ohio. Sawmill set-works.....	843,451	Feb. 5	1203	253-4	126	2092
Grove, George H., Harrisburg, Pa. Railway-rail tie and fastener.....	851,130	Apr. 23	4816	1015	127	2925
Grove, Jacob R. (See Ehrenfeld and Grove.)						
Grove & Sons, James. (See Grove, Arthur J., assignor.)						
Grover, Albert D., Malden, Mass. Coin-controlled vending-machine.....	849,609	Apr. 9	1971	403	127	2125
Grover, Albert D., Malden, and E. E. Barber, Boston, Mass. Coin-operated registering mechanism.....	855,850	June 4	797	166-7	128	1896
Grover, Frederick, assignor to Forgrove Machinery Company Limited, Leeds, England. Machine for folding wrappers around rectangular tablets.....	860,539	July 16	3400	934-5	129	1188
Grover, Joel A., Woodland, Wash. Hop-wire-detaching device.....	873,227	Dec. 10	1902	399	131	1499
Grover, William B., Vineland, N. J. Lamp-burner.....	854,576	May 21	4426	919	128	1200
Groves, Clarence L., assignor to G. R. Myers and P. J. D. Larmoyeux, Hartford City, Ind. Pneumatic conveyer.....	843,806	Feb. 12	1907	409	126	2306
Groves, Daniel C., Brockwayville, Pa. Wrench.....	851,881	Apr. 30	6376	1330	127	3350
Groves, James R., assignor to Herr Dump Car Company, Denver, Colo. Dump-car-door-operating mechanism.....	857,521	June 18	4030	858	128	2785
Grubbs, Albert M., assignor of one-half to J. N. Hoffman, Forest Grove, Oreg. Animal-trap.....	864,142	Aug. 20	3177	877	129	3135
Grubbs, Barton, Allegheny, Pa. Seating-strip for rail-joints.....	843,807	Feb. 12	1908	409	126	2306
Grubbs, Isaac A. (See Kaufman, George H., assignor.)						
Gruber, Ignace, New York, N. Y. Sustaining device for aerial vessels.....	855,945	June 4	972	202	128	1939
Gruber, Louis. (See Lause, Collett, Kepler, and Gruber.)						
Gruesbeck, Alonzo. (See Nye and Gruesbeck.)						
Gruet, John P., Jr. (See Flatau, Louis S., assignor.)						
Gruet, John P., Jr., et al. (See Flatau, Louis S., assignor.)						
Gruhl, Carl, Brühl, Germany. Conveying device.....	852,504	May 7	254	46	128	71
Grumbar, George, London, England. Hair-net.....	853,012	May 7	1326	276	128	337
Grumman, Victor W., Zanesville, Ohio. Machine for making artificial-stone blocks.....	845,945	Mar. 5	450	93	127	116
Grundig, Carl, Sorau, Germany. Container for rolls of perforated labels.....	841,862	Jan. 22	4171	898	126	1187
Grundmann, Frederick W., assignor to Crescent Novelty Manufacturing Company, St. Louis, Mo. Cement-worker's tool.....	867,819	Oct. 8	908	258	130	1611
Grundy, Cornelia, Paducah, Ky. Combined match-safe and mailing-card.....	845,411	Feb. 26	5358	1137	126	3238
Grundy, John R., Philadelphia, Pa. Shaft-collar.....	860,369	July 16	3151	862	129	1106
Grunert, Albert J., and W. S. Whitney, Fort Smith, Ark. Station-indicator.....	855,001	May 28	5292	1100	128	1450
Grunewald, Otto, Jr., Trenton, N. J., and R. Altng, New York, N. Y. Stall-floor.....	874,674	Dec 24	4849	1018-19	131	2045
Grüninger, Joseph, New York, N. Y. Tobacco-pipe.....	872,509	Dec. 3	397	83	131	1230
Grunow, William, Jr. (See Cram and Graves, assignors.)						
Grunow, William, Jr. (See Oviatt, Latimer, and Grunow.)						
Grünwald, Karl, assignor to Pluvius Feuerlöcher Gesellschaft mit Beschränkter Haftung, Hamburg, Germany. Fire-extinguisher.....	858,381	July 2	28	9	129	10
Gruse, Rudolf, Schneidemühl, Germany. Coupling for connecting a driving-motor with a driven machine.....	845,079	Feb. 26	4694	996	126	3071
Gschwind, Adolph R., assignor of one-half to G. Ranninger, Chicago, Ill. Combined squeegee and scrubber.....	847,250	Mar. 12	3050	673	127	800
Guarantee Trust & Safe Deposit Co. et al., executors. (See Schutte, Louis.)						
Guardian Trust Company of New York, trustee. (See Feval, Leon, assignor.)						
Gude, Adolphus, et al. (See Oehmler, Oscar A. C., assignor.)						
Gude, William F., et al. (See Oehmler, Oscar A. C., assignor.)						
Gudgell, Lycurgus, Lockridge, Iowa. Replanter attachment.....	856,633	June 11	2363	486	128	2327
Gudgen, Benjamin O., Pittsburg, Kans. Carpenter's gage.....	852,492	May 7	45	9	128	15
Gudmundson, Gudmundur S., Ardal, Manitoba, Canada. Sled-brake.....	873,124	Dec. 10	1715	358	131	1468
Gudmundson, Niels W., Salt Lake City, Utah. Wrench.....	854,289	May 21	3896	803	128	1068
Gudmunson, Abraham, assignor of one-half to G. Austin, Lehi, Utah. Beet-topper.....	865,885	Sept. 10	1771	492	130	585
Guédez, Francisco, Caracas, Venezuela. Bridle-bit.....	864,641	Aug. 27	3979	1104	129	3415
Guels, Herman. (See Boyce and Guels.)						
Gueniffet, Julien, and J. Nicault, Paris, France. Device for rolling tips for cigarette-machines.....	848,647	Apr. 2	47	11	127	1596
Guenther, Albert. (See Hemann and Guenther.)						
Guenther, Edward P., West Hoboken, N. J. Machine for exerting pressure.....	873,539	Dec. 10	2528	533	131	1605
Guenther, Paul. (See Poetzl, Andrew, assignor.)						
Guerin, Edmond H., Woonsocket, R. I. Cop-tube.....	847,177	Mar. 12	2907	640	127	764
Guerin, James, Philadelphia, Pa. Ash-sifter.....	871,929	Nov. 26	3736	910	131	1003
Guertin, Frank D. (See Ungar, Elgin O., assignor.)						
Guertin, Victor. (See Lalonde, Joseph O., assignor.)						
Guertin, Victor, Montreal, Quebec, Canada. Manifold counter-sales check-book.....	858,596	July 2	407	105	129	144
Guess, Edgar, Clapham, England. Cash-checking machine.....	849,473	Apr. 9	1696	342-4	127	2057
Guess, George A., Silverton, Colo., and H. E. T. Haultain, Nelson, British Columbia, Canada. Apparatus for electrochemical analysis.....	870,674	Nov. 12	1271	347	131	447
Guess, George A., Silverton, Colo., and H. E. T. Haultain, Nelson, British Columbia, Canada. Electrode.....	870,675	Nov. 12	1272	347	131	447
Guest, Grace M. (See Guest, John and G. M.)						
Guest, John and G. M., Oakland, Cal. Combination dress-shield and bust-supporter.....	863,917	Aug. 20	2840	781	129	3034
Guest, Samuel W., assignor to Diamond Shading Film Company, Buffalo, N. Y. Printing-film holder.....	870,722	Nov. 12	1349	368-9	131	474
Guffey, John W., Arkansas City, Kans. Safety device for air-brakes.....	870,284	Nov. 5	643	172	131	210
Guffin, Henry H., Indianapolis, Ind. Hoisting and conveying apparatus.....	868,984	Oct. 22	2791	770-1	130	2239
Guggenheim, Bernhard, New York, N. Y. Fan.....	842,884	Feb. 5	84	19	126	1812
Guilbert, Gaston, Paris, France. Mount for condensing-lenses for optical lanterns.....	859,215	July 9	1390	369	129	499
Guild, David S., Sr., et al. (See Guild, George R., assignor.)						
Guild, George R., U. S. Army, assignor of one-third to D. S. Guild, Sr., and E. J. Reuther, Nahant, S. D. Bedding-roll.....	872,122	Nov. 26	4172	997	131	1067
Guilford, Fenner J., assignor of one-fourth to J. B. Whitehurst, Aurora, N. C. Pen-staff holder.....	858,511	July 2	260	63	129	93
Guilford, Iverd R., Los Angeles, Cal. Car-fender.....	850,474	Apr. 16	3573	746-7	127	2574
Guill, John W., Mapleton, Kans. Wire-stretcher.....	862,902	Aug. 13	1306	355	129	2518
Guillaume, Charles E., Sèvres, France. Compensation device for torsional pendulums.....	868,264	Oct. 15	1634	462	130	1856
Guillaume, Emile, Paris, France. Exhaustion of head products in distilling.....	851,286	Apr. 23	5169	1086	127	3015
Guillaume, Otto, Neustadt-on-the-Hardt, Germany. Water-tube boiler.....	861,460	July 30	4893	1341	129	1736
Guilman, Eusebe, Biddeford, Me. Heel.....	858,976	July 2	1045	275	129	357
Guinn, James J., Quanah, Tex. Tag-holder.....	865,886	Sept. 10	1772	493	130	585
Guinn, Joe D. (See Armitage, James W., assignor.)						
Guionneau, Abel, Denver, Colo. Ore-concentrator.....	867,267	Oct. 1	56	17-18	130	1332

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Guion, Prior N., F. I. Lucas, and E. M. Metcalf, Kansas City, Mo. Ice-pick.....	859,880	July 9	2407	654	129	830
Guise Construction Company. (See Guise, David P., assignor.)						
Guise, David P., Williamsport, assignor to Guise Construction Company, Altoona, Pa. Brick-kiln.....	843,452	Feb. 5	1204	254	126	2092
Gulbrandsen, Knud, assignor of two-thirds to C. M. Hansen and E. Torgerson, Chicago, Ill. Power-transmission means.....	840,935	Jan. 8	2306	507	126	629
Gulbransen, Axel G., Chicago, Ill. Automatic-playing piano.....	874,675	Dec. 24	4851	1019	131	2045
Gulbransen, Axel G., Chicago, Ill. Pneumatic-action mechanism.....	874,763	Dec. 24	5031	1060	131	2075
Gulbransen, Axel G., Sycamore, Ill. Mechanical piano-player.....	874,762	Dec. 24	5028	1059-60	131	2074
Guldemann, Arnold, Paterson, N. J. Loom-shuttle.....	846,466	Mar. 12	1507	335	127	411
Guldemann, Arnold, assignor to I. A. Hall, Paterson, N. J. Loom-shuttle.....	874,331	Dec. 17	4161	876	131	1900
Gulick, Edward J., Mishawaka, Ind. Exhaust-muffler.....	874,676	Dec. 24	4855	1020	131	2046
Gull, Albert, Swissvale, Pa. Garbage-wagon.....	853,355	May 14	2010	416	128	548
Gullberg & Smith. (See Smith, Charles L., assignor.)						
Gullbransson, Gillis. (See Ernst and Gullbransson.)						
Gullickson, Andrew, Gatzke, Minn. Plow.....	841,390	Jan. 15	3226	695	126	909
Gumm, Gustave J., Chetek, assignor of one-half to F. C. Durkee, Bloomer, Wis. Train-stopping device.....	860,464	July 16	3298	901-2	129	1154
Gundlach, Emil. (See Ehlers, Robert J., assignor.)						
Gunderson, Thomas, assignor of one-half to H. Helgeson, McIntosh, Minn. Automatic fluid-brake.....	861,588	July 30	5078	1393-4	129	1797
Gundy, Robert K. (See Kamp and Gundy.)						
Gunn, Charles A. (See Daley, Gunn, and Daley.)						
Gunn, Charles H., Marysville, Cal. Digger or scraper.....	867,499	Oct. 1	411	116-17	130	1443
Gunn, Charles H., Oroville, Cal. Hand rock-drill.....	874,499	Dec. 24	4492	945	131	1987
Gunn, Edwin S., Lincoln, Nebr. Headlight.....	852,505	May 7	255	46	128	72
Gunn, Herman, Grand Forks, British Columbia, Canada. Gun-sight.....	843,145	Feb. 5	625	132	126	1954
Gunnell, Elias, Manitowoc, Wis. Floating dry-dock.....	857,733	June 25	4461	942	128	2926
Gunning, Frank S., The Dalles, Oreg. Combined harrow-tooth and weeder.....	841,512	Jan. 15	3458	744	126	971
Gunsolus, Roy E., San Jose, Cal. Chalking device for billiard-cues.....	868,549	Oct. 15	2099	586	130	1998
Günther, Emil, and R. Franke, Eisleben, Germany. Extracting metallic ores and matte.....	875,259	Dec. 31	6028	.....	131	2260
Gunther, Jacob, Cologne, Germany, assignor to Otto Gas Engine Works, Philadelphia, Pa. Internal-combustion engine.....	859,940	July 16	2500	679	129	891
Gunzelmon, Charles A., Abilene, Kans. Trace-clip.....	861,829	July 30	5454	1503	129	1909
Gurley, Arthur H., and W. D. Roberts, Meridian, Miss. Support for vehicle-tops.....	860,087	July 16	2738	747	129	969
Gurley, Edward, High Point, N. C. Card-holder for railway-cars.....	844,933	Feb. 19	4391	938	126	2955
Gurney, Alston D., Whitman, and B. B. Waterman, East Bridgewater, Mass.; said Waterman assignor to said Gurney. Machine for making shoe-shanks.....	862,731	Aug. 6	1046	281-2	129	2405
Gurney, Amelia, assignor to W. Sylvester, Pittsburg, Pa. Locking-cover for cooking utensils, &c.....	853,691	May 14	2670	550	128	720
Gurney, Caleb S., Portsmouth, N. H. Umbrella.....	841,245	Jan. 15	2928	637	126	832
Gurney, Frederick W., Jamestown, N. Y. Ball-bearing.....	846,632	Feb. 26	5760	1219-20	126	3338
Gurney, Gilbert, Berkeley, Cal. Extracting gold and silver from ores.....	871,766	Nov. 19	3369	826	131	917
Gurney, Howard F., Jersey City, N. J. Electric-elevator controller.....	851,933	Apr. 30	6491	1354	127	3378
Gurney, Howard F., Jersey City, N. J. Electric elevator.....	851,934	Apr. 30	6496	1354-5	127	3380
Gurnsey, James W., Liberty, Pa. Automatic brake.....	845,412	Feb. 26	5360	1137	126	3239
Gurry, Edward, Hamilton, Ontario, Canada. Machine for forming pig-iron molds.....	853,633	May 14	2550	529	128	687
Gury, John B., St. Louis, Mo. Cloth-cutting machine.....	840,767	Jan. 8	1965	432	126	545
Gury, John B., St. Louis, Mo. Electric motor.....	850,926	Apr. 23	4461	933	127	2838
Gury, John B., St. Louis, Mo. Cloth-cutting machine.....	850,927	Apr. 23	4463	933-4	127	2838
Gury, John B., St. Louis, Mo. Cloth-cutting machine.....	850,928	Apr. 23	4465	934	127	2839
Guschl, Jacob. (See Longauer, Hubert, assignor.)						
Guss, Orange G., Delphos, assignor to Chickasaw Manufacturing Company, Chickasaw, Ohio. Churn.....	863,713	Aug. 20	2519	695	129	2933
Gust, Emil. (See Capener, Bump, Gust, and Shields.)						
Gustafson, Adolf F., Pueblo, Colo. Safe.....	851,744	Apr. 30	6098	1275	127	3277
Gustafson, Adolf F., Pueblo, Colo. Railway-tie.....	873,310	Dec. 10	2076	434	131	1528
Gustafson, Andrew G., Aurora, Ill. Stair.....	861,026	July 23	4196	1149	129	1478
Gustafson, Andrew S., Chattanooga, Tenn. Car-wheel.....	853,082	May 7	1439	301	128	365
Gustafson, Axel R., Chicago, Ill. Starching-machine.....	859,058	July 2	1158	311-12	129	393
Gustafson, Axel R., Chicago, Ill. Belt-shifting mechanism.....	869,239	Oct. 29	3181	877	130	2387
Gustafson, Axel R., Chicago, Ill. Ironing-machine.....	872,123	Nov. 26	4174	997-8	131	1067
Gustafson, Bernhard, assignor to United Printing Machinery Company, Boston, Mass. Automatic stop mechanism for paper-sheet-handling machines.....	875,260	Dec. 31	6029	1257-9	131	2260
Gustafson, Carl A. (See Johnson and Gustafson.)						
Gustafson, Charles J., Reading, Pa., assignor, by mesne assignments, to Reading Standard Company. Grip-operated controlling mechanism for motor-cycles.....	862,817	Aug. 6	1182	318	129	2445
Gustavsen, Charles O., assignor to J. A. Jeffrey, Columbus, Ohio. Conveyor.....	843,676	Feb. 12	1677	355	126	2248
Gustavus, Ernst R., Oshkosh, Wis. Steam-boiler.....	841,513	Jan. 15	3459	745	126	971
Gustin, William J., Indianapolis, Ind. Railway-signal.....	861,027	July 23	4197	1149	129	1478
Gut, Jakob, assignor of one-half to O. Bosshard, Zurich, Switzerland. Cock or valve.....	848,739	Apr. 2	239	47	127	1647
Gutelius, Frederick, Montreal, Quebec, Canada. Gate.....	862,246	Aug. 6	223	61	129	2152
Gutelius, Frederick P., Montreal, Quebec, Canada. Smoke-jack for engine-houses.....	843,941	Feb. 12	2175	465	126	2372
Guthridge, Clarence E., Pittsburg, Pa., assignor to Oliver Iron and Steel Company. Railway-stay.....	867,359	Oct. 1	206	59	130	1375
Guthrie, James H. (See Glenn, Frederick B., assignor.)						
Guthrie, Joseph R. (See Clark, Andrew J., assignor.)						
Guthrie, Patrick F., and T. Hayes, Nutley, N. J. Waste for bath-tubs, basins, and like fixtures.....	851,513	Apr. 23	5606	1174	127	1321
Guthrie, Wardell, Chicago, Ill. Deep-water gold-dredge.....	870,235	Nov. 5	571	153	131	187
Guthrie, William S., Terrell, Tex. Time circuit-closer.....	840,562	Jan. 8	1580	347	126	448
Guthrie, William S., Terrell, Tex. Secondary electric clock.....	855,002	May 28	5294	1100	128	1450
Gutjahr, Fritz, Berlin, Germany. Electrically-heated stove.....	856,054	June 4	1161	245	128	1986
Gutland, Edward C., et al. (See Fairchild, Elmer E., assignor.)						
Gutmann, Emil, New York, N. Y. Clasp.....	867,655	Oct. 8	654	185	130	1533
Guttridge, Steven E., Newark, Ohio. Baling-press.....	851,131	Apr. 23	4817	1015-16	127	2925
Gutsch, Louis, et al. (See Linton, Ernest O., assignor.)						
Gutta Percha & Rubber Manufacturing Company. (See Spadone, Walter W., assignor.)						
Guttry, Lewis C., Lebanon, Ohio. Corn-shock compressor.....	853,013	May 7	1327	277	128	337
Guttman, Harry J., assignor of two-thirds to A. E. Keith and S. Cole, Chicago, Ill. Tumbling-barrel.....	864,242	Aug. 27	3330	922-3	129	3212
Guttman, Harry J., assignor of two-thirds to A. E. Keith and S. Cole, Chicago, Ill. Tumbling-barrel.....	864,782	Sept. 3	24	7-8	130	10
Güttner, Albert. (See Born, Guttman, Anderson, and Vetting.)						
Güttner, Max, Chemnitz, and R. Baeger, Ehrenberg, near Altenburg, Germany. Centrifugal machine.....	853,583	May 14	2439	508	128	659

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Gutzzeit, Charles W., High Bridge, N. J. Rope-clamp.	849,065	Apr. 2	903	185	127	1818
Gutzzeit, Charles W., assignor to Taylor Iron & Steel Company, High Bridge, N. J. Drill-bit for wells.	839,837	Jan. 1	61	14-15	126	18
Gutzzeit, Charles W., assignor to Taylor Iron and Steel Company, High Bridge, N. J. Crusher-head for gyratory ore-crushers.	870,952	Nov. 12	1734	475	131	592
Guy, Waldo T. (See Liggett, William K., assignor.)	873,546	Dec. 10	2529	534	131	1606
Guyton, John T. (See Castagnos, Joseph B., assignor.)						
Gwynnup, Charles. (See Wilhems, Louis G., assignor.)						
Gwynnup, William. (See Hamilton and Gwynnup.)						
Gymer, William, Boulder Creek, Cal. Folding chair.	844,674	Feb. 19	3891	823	126	2828
Gymer, William, Boulder Creek, Cal. Folding chair.	855,770	June 4	632	129	128	1857
H. Adler Company. (See Adler, Henry, assignor.)						
H. Hartman <i>et al.</i> (See Abraham, Elias, assignor.)						
H. Herrmann Lumber Co. (See Karpp, Charles, assignor.)						
H. Mueller Manufacturing Co. (See Mueller and Schuermann, assignors.)						
H. Mueller Manufacturing Company. (See Mueller, Henry, assignor.)						
H. Mueller Manufacturing Company. (See Schuermann, Anton C., assignor.)						
H. Schroder Hornless Phonograph Manufacturing Company. (See Schröder, Hermann, assignor.)						
H. B. Smith Machine Company. (See Perry, James L., assignor.)						
H. B. Wiggin's Sons Company. (See Cornelson, Robert W., assignor.)						
H. C. White Co. (See White and Beach, assignors.)						
H. D. Smith & Company. (See Ward, William S., assignor.)						
H. H. Franklin Manufacturing Company. (See Underwood, Herbert G., assignor.)						
H. H. Franklin Manufacturing Company. (See Wilkinson, John, assignor.)						
H. & M. Automatic Regulator Company. (See Stuart, Donald, assignor.)						
H. O. Canfield Company. (See Freshour, Henry C., assignor.)						
H. P. Deucher Company. (See Freeman, Claude E., assignor.)						
H. R. and K. Manufacturing Co. (See Hammond, Theodore A. and W. P., assignors.)						
H. S. Eckels & Company. (See Sparmaker, Frank P., assignor.)						
H. W. Johns-Manville Company. (See King, Charles I., assignor.)						
Haag, Albert. (See Haag, George and A.)						
Haag, George and A., Peoria, Ill. Wagon-jack.	854,490	May 21	4260	881-2	128	1160
Haage, Hans, Erfurt, Germany. Rotary engine.	867,126	Sept. 24	3637	1032-3	130	1232
Haagn, Ernst, assignor to Firm of W. C. Heraeus, Hanau, Germany. Electric-resistance thermometer.	845,413	Feb. 26	5362	1138	126	3239
Haagn, Ernst, assignor to Firm of W. C. Heraeus, Hanau, Germany. Body to be heated electrically.	847,065	Mar. 12	2705	595	127	714
Haaker, William, Verona, N. J. Vacuum-receptacle cover.	860,743	July 23	3737	1024	129	1330
Haaker, William, Verona, N. J. Sheet-metal can.	864,531	Aug. 27	3802	1055	129	3363
Haan, Gilbert T., Holland, assignor of one-half to H. W. Melenbacker, Grand Rapids, Mich. Fly-trap.	856,055	June 4	1162	245	128	1987
Haardt, George P. (See Worswick, James E., assignor.)						
Haas, Albert, New York, N. Y. Water-elevator.	868,657	Oct. 22	2290	636	130	2083
Haas, Carl, Mannheim, and H. Studdt, Heidelberg, Germany. Apparatus for correspondence in cipher.	875,070	Dec. 31	5670	1183	131	2199
Haas, Elmer H., Newark, N. J. Knee-board and copy-holder.	861,722	July 30	5278	1452	129	1855
Haas, Ferdinand G., Springfield, Mo. Pipe-cutter.	866,356	Sept. 17	2493	696	130	842
Haas, George, Tremont, Ill. Gate-operating mechanism.	870,094	Nov. 5	338	95	131	112
Haas, Howard H., Palo Alto, Pa. Adjustable clothes-prop.	866,199	Sept. 17	2245	626	130	762
Haas, Isaac H., Atlanta, Ga. Spring-bed.	849,541	Apr. 9	1849	376	127	2095
Haas, Joseph W. (See Ratliff, George W., assignor.)						
Haas, Launville, Columbia City, Ind. Animal-trap.	844,517	Feb. 19	3334	718	126	2698
Haas, Louis, New York, N. Y. Piano-pedal.	873,742	Dec. 17	2940	623	131	1707
Haas, Philip J. (See Regner, Wilson H., assignor.)						
Haase, Leo G., Pasadena, Cal. Scraper.	864,966	Sept. 3	326	87	130	104
Habbema-Horak, Erna, Enschede, Netherlands. Hat-fastener.	857,392	June 18	3784	802	128	2724
Haber, Eugene, South Boston, assignor to Morse Twist Drill and Machine Company, New Bedford, Mass. Rotary cutter-head.	864,420	Aug. 27	3588	997-8	129	3292
Haber, Eugene, South Boston, assignor to Morse Twist Drill and Machine Company, New Bedford, Mass. Rotary cutter-head.	864,463	Aug. 27	3666	1020	129	3321
Häberer, Hermann, Rodewisch, Germany. Manufacturing embroidery.	865,640	Sept. 10	1381	392	130	452
Haberlin, William R., Bridgeport, Conn. Toy-railway crossover.	851,514	Apr. 23	5608	1174	127	3122
Haberlin, William R., assignor to American Miniature Railway Company, Bridgeport, Conn. Toy signal and train-stopping device.	875,427	Dec. 31	6375	1328	131	2313
Haberlin, William R., assignor to American Miniature Railway Company, Bridgeport, Conn. Toy telegraph-pole, base, and reel.	875,428	Dec. 31	6376	1329	131	2313
Haberlin, William R., assignor to American Miniature Railway Company, Bridgeport, Conn. Toy-railway signal and switch.	875,429	Dec. 31	6378	1329	131	2314
Haberlin, William R., assignor to American Miniature Railway Company, Bridgeport, Conn. Toy car coupling and buffer.	875,519	Dec. 31	6540	1364	131	2342
Haberman, Max, Clayton, Idaho. Cooking utensil.	862,903	Aug. 13	1307	355	129	2518
Habersbruner, Eduard, Sulzbach, and J. Stöcker, Bayreuth, Germany. Disappearing target.	867,034	Sept. 24	3502	994	130	1192
Hachfeld, August C., Milwaukee, Wis. Ball-bearing.	845,778	Mar. 5	91	18	127	27
Hachmann, Frederick, St. Paul, assignor, by mesne assignments, to American Railway Appliance Company, Minneapolis, Minn. Journal-box.	855,400	May 28	6053	1265	128	1642
Hachmann, Frederick, assignor to A. T. Rosen, St. Paul, Minn. Wrench.	873,859	Dec. 17	3182	678	131	1746
Hackeling, Hermann A., New York, N. Y. Planetarium.	858,977	July 2	1045	275-6	129	357
Hacker, George, St. Louis, Mo. Lamp.	840,319	Jan. 1	1066	232	126	284
Hacker, John, Caledonia, Mich. Cattle-stanchion.	846,664	Mar. 12	1917	422	127	518
Hacker, Larkin A. (See Cubine and Hacker.)						
Hackerson, Martin R., Denver, Colo. Music-stand.	870,529	Nov. 5	1029	280-1	131	332
Hackett, Charles H. (See Marsh and Hackett.)						
Hackett, Charles H., assignor to W. W. Marsh, Waterloo, Iowa. Centrifugal liquid-separator.	840,057	Jan. 1	531	116	126	141
Hackett, Henry W. (See Coates and Hackett.)						
Hackett, John A., Pittsburg, Pa., assignor to L. McBrine Company, Limited, Berlin, Canada, E. W. Ortenberger, H. F. Marx, and E. E. Stockwell, Port Huron, Mich. Trunk.	861,173	July 23	4397	1207-8	129	1544
Hackett, Lewis, North Yakima, Wash. Device for making and repairing shoes.	866,129	Sept. 17	2149	598	130	732
Hackney, Isaac M., assignor to Brooks Tire Machine Company, Wichita, Kans. Cold-tire-setting machine.	862,471	Aug. 6	617	164-6	129	2281
Hackney, Leslie S., St. Paul, Minn. Automobile-track and means for holding an automobile thereon.	861,850	July 30	5455	1503-4	129	1909
Hackney, Leslie S., St. Paul, Minn. Roadway for automobiles.	870,775	Nov. 12	1445	391	131	502

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Hadaway, John B., Brockton, Mass. Impression-stitch machine.	855,401	May 28	6054	1265	128	1642
Hadaway, John B., Brockton, Mass. Machine for preparing shoes for sewing.	864,532	Aug. 27	3803	1055-6	129	3363
Hadaway, John B., Brockton, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Machine for operating on welts.	875 171	Dec. 31	5862	1223-4	131	2231
Hadaway, John B., Brockton, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Knife for welt-slitting machines.	875,172	Dec. 31	5868	1224	131	2232
Haddock, John. (See Bigelow, Wesley, assignor.)						
Haddock, Edwin J., Columbus, Ohio, assignor to J. A. Jeffrey. Supporting-pulley for belt conveyers.	869,900	Nov. 5	44	13	131	16
Haddock, Harry E., Collinwood, Ohio, assignor to J. A. Brill, Philadelphia, Pa. Convertible car.	852,782	May 7	833	167	128	213
Haddock, John M., Bedford, Iowa. Window-tightener.	869,631	Oct. 29	3830	1048	130	2587
Hadfield, Robert A., Sheffield, England. Magnetic alloy.	842,403	Jan. 29	5302		126	1505
Hadfield, Robert A., Sheffield, England. Manufacture of armor-piercing projectiles.	844,675	Feb. 19	3894		126	2829
Hadfield, Robert A., Sheffield, England. Manufacture of steel.	851,233	Apr. 23	5052		127	2984
Hadfield, Robert A., Sheffield, England. Manufacture of magnetic materials.	851,635	Apr. 23	5851		127	3182
Hadfield, Robert A., Sheffield, England. High manganese steel with low carbon.	856,250	June 11	1564		128	2123
Hadfield, Robert A., Sheffield, England. Gun-house and the like.	863,063	Aug. 13	1543		129	2596
Hadfield, Robert A., Sheffield, England. Magnetic composition and making the same. (Reissue)	12,691	Sept. 3	913		130	276
Hadida, Henry, London, England. Stamp-affixing apparatus.	863,169	Aug. 13	1725	463	129	2653
Hadland, Carl A., Bennington, Minn. Reeling device.	845,545	Feb. 26	5613	1189	126	3303
Hadland, Carl A., Bennington, Minn. Reeling device.	847,178	Mar. 12	2908	640	127	764
Hadler, Edward. (See Bacon, Charles G., assignor.)						
Hadley, Artemus N., Indianapolis, Ind. Portable field-derrick.	871,500	Nov. 19	2867	719-20	131	833
Hadley, Arthur H., Philadelphia, Pa. Clock.	864,533	Aug. 27	3811	1056	129	3365
Hadley, Arthur H., and W. L. Gray, Philadelphia, Pa. Clock.	848,547	Mar. 26	5647	1237	127	1509
Hadley, Charles E., Cleveland, Ohio. Wire-covering machine.	859,216	July 9	1300	370-1	129	499
Hadley, Charles E., Chicopee, Mass. Sewing-machine.	861,276	July 30	4588	1253-4	129	1644
Hadley, Dana G., West Newbury, Mass. Building construction.	855,704	June 4	494	103	128	1821
Hadley, William S., San Antonio, assignor of one-fourth to J. H. Benson, Cleburne, Tex. Vehicle-wheel.	848,461	Mar. 26	5502	1199	127	1475
Hadlock, Aaron V. (See Mohme and Hadlock.)						
Hadlock, William E. (See Glover and Hadlock.)						
Hadsell, Dorr H., assignor of one-half to T. D. Barry, Brockton, Mass. Presser-foot attachment for sewing-machines.	853,874	May 14	3042	625	128	811
Haeblerlein, Max, New York, N. Y. Oil-brake for speed-governors.	860,913	July 23	3999	1096	129	1415
Haeblerlein, Max, New York, N. Y., assignor to Pelton Water Wheel Co., San Francisco, Cal. Turbine.	867,656	Oct. 8	655	185	130	1533
Haeblerli, Christopher J., Buffalo, N. Y. Combination-tool.	871,585	Nov. 19	3026	754	131	861
Haeblerli, Christopher J., and H. E. O. Schmidt, assignors of two-sixths to E. Ziegler and C. E. Dumke, Buffalo, N. Y. Angular bit-brace.	859,059	July 2	1160	312-13	129	393
Haefely, Emil, Basel, Switzerland, assignor to Westinghouse Electric & Manufacturing Company. Machine for manufacturing insulating-tubes.	858,383	July 2	28	10	129	10
Haefely, Emil, Basel, Switzerland, assignor to Westinghouse Electric & Manufacturing Company. Manufacture of insulating-tubes.	858,384	July 2	30	10	129	11
Haefely, Emil, Basel, Switzerland, assignor to Westinghouse Electric & Manufacturing Company. Making insulating-tubes.	858,385	July 2	32	10	129	12
Haefely, Emil, Basel, Switzerland, assignor to Westinghouse Electric & Manufacturing Company. Apparatus for manufacturing insulating-sockets.	858,386	July 2	33	11	129	13
Haefely, Emil, Basel, Switzerland, assignor to Westinghouse Electric & Manufacturing Company. Tube-making machine.	858,387	July 2	35	11	129	13
Haefely, Emil, Basel, Switzerland, assignor to Westinghouse Electric & Manufacturing Company. Machine for making insulating-tubes.	858,451	July 2	132	35	129	44
Haehnlen, Jacob L. (See Blasz, Haehnlen, and Cox.)						
Haentze, Albert, Chicago, Ill. Mail-receiving box.	851,745	Apr. 30	6100	1275	127	3277
Haessler, Charles H., New York, N. Y., assignor to Ingersoll-Rand Company. Pneumatic tool.	851,624	Apr. 23	5831	1219	127	3177
Haessler, Charles H., New York, N. Y., and A. H. Taylor, Easton, Pa., assignors to Ingersoll-Rand Company. Portable pneumatic tool.	854,694	May 21	4652	969-71	128	1257
Haeske, Charles M., South Bend, Ind. Sprinkling-wagon.	842,543	Jan. 29	5603	1186	126	1579
Haeske, Charles M., South Bend, Ind. Seat-spring.	837,054	June 18	3144	662	128	2564
Hafer, Jasper N., Tacoma, Wash. Pipe-coupling.	847,472	Mar. 19	3511	768	127	944
Hafer, Quigley. (See Kyle, George S., assignor.)						
Haff, Howell W., Babylon, assignor to K. M. Turner, New York, N. Y. Connection for acousticons.	843,890	Feb. 12	2070	443	126	2345
Haff, Howell W., assignor to K. M. Turner, New York, N. Y. Telephone-receiver.	843,891	Feb. 12	2072	443	126	2346
Haff, Howell W., Richmond Hill, N. Y., assignor to General Acoustic Company. Telephone-transmitter.	874,004	Dec. 17	3447	733	131	1792
Haffey, James F. (See Baron and Haffey.)						
Haffey, James F., Tiffin, Ohio. Sacking-truck.	863,274	Aug. 13	1890	510	129	2703
Haffey, James F., Tiffin, Ohio. Truck.	863,275	Aug. 13	1891	510	129	2703
Haffey, James F., assignor to C. S. Baron, Tiffin, Ohio. Receptacle-top fastener.	840,844	Jan. 8	2104	465	126	578
Haffey, James F., assignor to C. S. Baron, Tiffin, Ohio. Jug-top.	845,946	Mar. 5	452	94	127	116
Hafner, Frederick J., Philadelphia, Pa., assignor to Atlantic Coast Amusement Company, Inc., Camden, N. J. Illusion apparatus.	856,951	June 11	2927	614	128	2465
Haga, Ottar B., assignor of one-half to R. A. Pence, Dogden, N. D. Whiffletree-hook.	849,232	Apr. 2	1238	251	127	1905
Hagadorn, Emmett G., Buffalo, assignor of one-half to H. D. Hagadorn, Olean, N. Y. Piston-rod lubricator.	872,622	Dec. 3	636	134	131	1267
Hagadorn, Harry D. (See Hagadorn, Emmett G., assignor.)						
Hagaman, Garrett W., Newark, N. J. Regulator for heaters.	862,966	Aug. 13	1399	380	129	2549
Hagans, John W., Barnum, Iowa. Fence-post.	859,603	July 9	1890	536	129	699
Hagberg, Gust, Warren, Pa. Pivoted car-step.	840,619	Jan. 8	1688	370	126	476
Hage, Alois, Hildesheim, Germany. Sectional boiler.	843,337	Feb. 5	1019	210	126	2047
Hage, John, Plankinton, S. D. Adjustable footboard for vehicles.	839,838	Jan. 1	65	15	126	19
Hageman, Charles C., Leavenworth, Kans. Metallic packing.	851,746	Apr. 30	6101	1275	127	3277
Hageman, Randolph F., New Madison, Ohio. Car-mover.	850,154	Apr. 16	2958	620	127	2411
Hagemann, Emil S., Copenhagen, Denmark. Receiving and strengthening the reproduction of speech, signals, &c.	873,541	Dec. 10	2530	534	131	1606
Hagemann, Emil S., Copenhagen, Denmark, assignor, by mesne assignments, to American Telephone Company. Apparatus for receiving and strengthening the reproduction of messages, signals, &c.	873,042	Dec. 10	1556	326	131	1441
Hagemann, Karl, and O. Stange, Leverkusen, near Cologne, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Black azo dye and making same.	843,808	Feb. 12	1910		126	2307
Hagen, Claude L., New York, N. Y. Amusement device.	844,676	Feb. 19	3896	823-4	126	2830
Hagen, Nels O., assignor of one-half to O. O. Forde, Pekin, N. D. Antihummer for telephone and telegraph lines.	866,645	Sept. 24	2905	818	130	1000

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Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
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Hager, Alexander, Jamestown, N. Y. Heat-radiating mantel.....	874,843	Dec. 24	5163	1088	131	2100
Hager, Frederick, Portland, Oreg. Binder.....	861,973	July 30	5663	1571	129	1973
Hager, William G., Johnstown, Pa. Cutting-machine.....	863,714	Aug. 20	2521	696	129	2934
Hager, Willum L., Lincoln, Nebr. Furnace-regulator.....	870,028	Nov. 5	247	68	131	85
Hagerman, Lester W., Orchard, Nebr. Building-block.....	859,764	July 9	2223	605	129	774
Hagerty, Thomas F., New York, N. Y. Plaiting-machine.....	868,550	Oct. 15	2099	586-7	130	1998
Hagerty, Thomas F., New York, N. Y. Machine for weaving wire and wood slats.....	869,705	Oct. 29	3944	1087-8	130	2620
Hageter, Michael R., Cranford, N. J. Music-roll fastener.....	855,851	June 4	800	167	128	1896
Haggard & Marcusson Company. (See Fraley, Charles B., assignor.)						
Haggard & Marcusson Company. (See Sammons, Ernest A., assignor.)						
Haggerty, Frank. (See Markel and Haggerty.)						
Haggerty, William H., and W. J. Dardis, New York, N. Y. Fire-kindler.....	854,491	May 21	4265	882	128	1161
Hagler, Jefferson D., and M. Picken, Vernon, Tex. Screen for eaves-troughs.....	870,165	Nov. 5	446	123	131	147
Hagman, William J., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, Plainfield, N. J. Clutch mechanism.....	857,393	June 18	3786	802	128	2724
Hagstrom Bros. Manufacturing Company. (See Hagstrom, Gustaf and E., assignors.)						
Hagstrom, Carl, Lynn, Mass. Mold for making steel castings.....	856,251	June 11	1565	328	128	2123
Hagstrom, Emanuel. (See Hagstrom, Gustaf and E.)						
Hagstrom, Gustaf and E., assignors to Hagstrom Bros. Manufacturing Company, Lindsborg, Kans. Patch for pneumatic tires.....	871,930	Nov. 26	3737	910	131	1003
Hague, Frank O., assignor of one-half to F. J. Nelson, Hornell, N. Y. Liquid weighing and measuring machine.....	857,996	June 25	5014	1058	128	3064
Hague, Snyder L., deceased, Salt Lake City, Utah; W. Ingleheart, administrator. Classifier.....	865,301	Sept. 3	826	238	130	250
Hahn, Arwed, Cassel, Germany. Telescope.....	873,228	Dec. 10	1904	399-400	131	1500
Hahn, Edmund, Everett, Mass. Sausage-stuffing machine.....	874,889	Dec. 24	5253	1106-7	131	2113
Hahn, Gustav von, St. Louis, Mo. Safety-pin.....	858,978	Nov. 2	1048	276	129	358
Hahn, Henry, Stockton, Cal. Tappet.....	869,901	July 5	45	13	131	16
Hahn, Howard H., assignor to Western Engineering Company, Denver, Colo. Wall-mold.....	856,952	June 11	2929	614-15	128	2466
Hahn, John N., Cleveland, Ohio. Machine for making bottle-wrappers.....	864,731	Aug. 27	4122	1144-5	129	3459
Hahn, Morris G. (See Turansky, Samuel, assignor.)						
Hahn, William C., Fort Scott, Kans. Display-rack.....	849,066	Apr. 2	904	185	127	1818
Hahne, William C., Chicago, Ill. Adjustable stool or seat.....	869,777	Oct. 29	4048	1117	130	2651
Haig, Frederick J., Hyattsville, Md. Printing-telegraph.....	875,660	Dec. 31	6935	1446	131	2389
Haigh, Joseph, Hennessey, Okla. Ter. Stovepipe-connector.....	866,785	Sept. 24	3123	879	130	1075
Haight, Arthur M. (See Miller, Haight, and Smith.)						
Haight, Frederick, Spartanburg, S. C., assignor of one-half to F. G. Houser, Boise, Idaho. Wrench.....	852,270	Apr. 30	7158	1500	127	3546
Haight, Thorne S., Manchester, England, assignor to C. W. Harrison, Glasgow, Mo. Incandescent gas-lamp.....	867,268	Oct. 1	58	18	130	1332
Haile, Charles Y., Uniontown, Pa. Trolley.....	851,415	Apr. 23	5424	1136	127	3079
Haile, Charles Y., and G. M. Hugus, Uniontown, Pa. Bond for rails.....	871,501	Nov. 19	2869	720	131	834
Haile, Lorenzo D., Kingsland, Tex. Gate.....	861,831	July 30	5456	1504	129	1910
Haile, Luther T., assignor of nine one-hundredths to J. W. Shannon, one-tenth to F. J. Geiger, and one-tenth to L. W. Mulford, Philadelphia, Pa. Sound-reproducing machine.....	873,937	Dec. 17	3317	708	131	1771
Hailman, George F., and E. S. Harnden, Washington, D. C., assignors to American Horse Shoe Grip Company, Incorporated. Horseshoe-calk.....	855,245	May 28	5796	1208	128	1579
Haiman, Elias, and G. N. Murray, assignors to Empire Plow Company, Cleveland, Ohio. Hand-cultivator.....	848,591	Mar. 26	5755	1257	127	1538
Haines, Albert L., Fort Fairfield, Me. Conveyor.....	854,734	May 28	4743	986	128	1309
Haines, George T., Philadelphia, Pa. Coin-operated vending-machine.....	855,054	May 28	5405	1122-3	128	1479
Haines, James M. (See Peterson and Haines.)						
Haines, Jones & Cadbury Company. (See Harman, Azy H., assignor.)						
Haines, Jones & Cadbury Company <i>et al.</i> (See Kelly, John F., assignor.)						
Haines, Jones & Cadbury Company. (See Sharp, Joseph W., Jr., assignor.)						
Haines, Leroy, Colchester, Ill. Air-ship.....	859,765	July 9	2224	605	129	774
Haines, Robert T., Melbourne, Victoria, Australia. Kinematographic apparatus.....	861,832	July 30	5457	1505	129	1910
Haines, Robert T., and F. Whit-Gould, London, England. Washing apparatus.....	870,095	Nov. 5	339	95	131	113
Haines, Thomas, St. Louis, Mo. Truck-ladder.....	855,771	June 4	635	130	128	1857
Hainlin, Carl, New York, N. Y., assignor of one-half to E. E. Von Seyfried, Newark, N. J., and J. Davis, New York, N. Y. Spring device.....	854,087	May 21	3508	724	128	967
Hainsfurther, Solomon, Winchester, Ill. Separable fastener.....	848,899	Apr. 2	612	121-2	127	1745
Haise, George I., Birmingham, Ohio. Vehicle-tongue.....	853,781	May 14	2849	586	128	766
Haiss, Hugo, Pittsburg, Pa. Universal beam-frame.....	866,460	Sept. 17	2626	734	130	885
Haiss, Hugo, Pittsburg, Pa. Beam-frame for continuous concrete girders.....	866,461	Sept. 17	2623	735	130	886
Hake, John H. (See Martin and Hake.)						
Hake, John N., Littlestown, Pa. Clamp.....	840,620	Jan. 8	1689	371	126	477
Hakenholz, Herman, South Omaha, Nebr. Entrail-cleaning mechanism.....	873,311	Dec. 10	2078	434	131	1528
Halbekann, Franz J., assignor to Dieckmann & Wille vorm. Ferd. Wester, Solingen, Germany. Shaving apparatus.....	850,430	Apr. 16	3481	729	127	2551
Halbekann, Franz J., Solingen, assignor to Wolferts & Co., Landwehr, near Solingen, Germany. Safety-razor.....	850,929	Apr. 23	4467	934	127	2840
Haldeman, Charles B., Aurora, Kans. Automatic pump-coupling.....	861,112	July 23	4315	1184	129	1518
Haldeman, Charles F. (See Taylor and Haldeman.)						
Haldeman, Charles F., assignor to Silver Manufacturing Company, Salem, Ohio. Saw-table.....	844,590	Feb. 19	3729	784	126	2788
Haldy, Frederick G., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Magnetic brake.....	874,186	Dec. 17	3865	814-15	131	1852
Hale, Bernard O., Derby, assignor to Farrel Foundry & Machine Company, New Haven, Conn. Mill-roll controlling and positioning device.....	844,349	Feb. 19	2991	640	126	2614
Hale, Bernard O., Derby, assignor to Farrel Foundry & Machine Company, New Haven, Conn. Controlling and positioning device.....	844,350	Feb. 19	2995	641	126	2615
Hale, Elbert D., Rogers, Ark. Money-changing machine.....	842,885	Feb. 5	85	19-20	126	1812
Hale, Henry S., Philadelphia, Pa. Apparatus for supplying food to fish and land animals.....	848,101	Mar. 26	4818	1051	127	1304
Hale, Henry S., assignor to Hale and Kilburn Manufacturing Company, Philadelphia, Pa. Cushion.....	854,161	May 21	3651	755	128	1001
Hale, John B., Omaha, Nebr. Straw-rack for grain-separators.....	874,585	Dec. 24	4677	983	131	2015
Hale, John O. (See Pennick and Hale.)						
Hale, Joshua B., Providence, R. I. Telephone-index.....	864,732	Aug. 27	4124	1145	129	3460
Hale and Kilburn Manufacturing Company. (See Fortiner, Benjamin F., assignor.)						
Hale and Kilburn Manufacturing Company. (See Hale, Henry S., assignor.)						
Hale-Kilburn Metal Company. (See Budd, Edward G., assignor.)						
Hale-Kilburn Metal Company. (See Budd and Condé, assignors.)						
Hale-Kilburn Metal Company. (See Wollé, Joseph A., assignor.)						
Hale, Lorin E., and A. M. Fox, assignors to Anderson Coupling and Supply Company, Kansas City, Mo. Folding door for fire departments and opener therefor.....	843,011	Feb. 5	336	73	126	1874

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Hale, Thomas H., Fayetteville, N. C. Safety device for locomotives.	854,290	May 21	3897	803	128	1068
Hale, William B., Mexico, Mexico, assignor to Western Electric Company, Chicago, Ill. Drying electric cables.	851,747	Apr. 30	6102	1276	127	3277
Haley, Henry V., assignor of one-half to R. A. Wooldridge, Oklahoma, Okla. Ter. Fire-proofing cotton in bales.	865,033	Sept. 3	427		130	131
Haley, James M., assignor of one-half to F. F. Young, Springdale, Ark. Grafting-tool.	870,096	Nov. 5	340	95	131	113
Haley, Robert M., Postoria, Ohio. Automatic controlling-valve.	800,914	July 23	4001	1096	129	1416
Haley, Robert M., Columbus, Ohio. Hose-coupling.	864,299	Aug. 27	3414	949	129	3237
Haley, Thomas, Boston, Mass. Controlling-nozzle for hose and hose-pipe.	854,641	May 21	4537	947	128	1227
Haley, Thomas, Philadelphia, Pa. Valve-guard for gas-stoves.	856,057	June 4	1165	246	128	1987
Haley, Thomas S., West Haven, Conn. Button-loop.	872,230	Nov. 26	4399	1045	131	1103
Half Minute Edger Company. (See Reinhardt, James H., assignor.)						
Halfpenny, Arthur G., West Hoboken, N. J., and A. A. Hopkins, New York, N. Y. Printing-press.	865,177	Sept. 3	626	177	130	190
Halgren, Charles C., New York, N. Y. Nut-lock.	855,946	June 4	973	202	128	1939
Halkyard, William, Providence, R. I. Gage attachment for machines for setting lacing-hooks.	844,591	Feb. 19	3731	784	126	2788
Hall, Adrian and J. M., Greenfield, Ind. Conveying apparatus.	865,777	Sept. 10	1586	448	130	516
Hall, Adrian and J. M., Greenfield, Ind. Conveying apparatus.	865,778	Sept. 10	1588	448-9	130	516
Hall, Almon E. (See Heffernan and Hall.)						
Hall, Alonzo B., Moultrie, Ga. Display-rack.	850,221	Apr. 16	3096	648	127	2448
Hall, Alpheus P., Graysville, Ill. Handsaw-jointer.	845,173	Feb. 26	4883	1035	126	3122
Hall, Benjamin, Nevada City, Cal. Extracting gold and silver from ores.	868,551	Oct. 15	2101		130	1998
Hall, Bicknell. (See Hodgman and Hall.)						
Hall, Bicknell, assignor to Huber-Hodgman Printing Press Company, Taunton, Mass. Mechanical movement.	852,783	May 7	836	168	128	214
Hall-Borchert Dress Form Company. (See Herman, Raymond L., assignor.)						
Hall, Charles B., Chicago, Ill. Bottle-carrier.	845,947	Mar. 5	453	94	127	116
Hall, Charles E., et al. (See Neal, Harry W., assignor.)						
Hall, Charles F., assignor to L. M. Cahn, Chicago, Ill. Stripping tobacco.	853,511	May 14	2304	477	128	626
Hall, Charles K., Johannesburg, Transvaal. Governor for windmills.	854,735	May 28	4745	986	128	1309
Hall, Charles S., Lohrville, Iowa. Implement for handling hollow bricks.	849,897	Apr. 9	2503	516	127	2261
Hall, Clarence A., Philadelphia, Pa. Making lead oxid.	852,325	Apr. 30	7255	1524	127	3569
Hall and Company, D. C. (See Stollberg, Robert, assignor.)						
Hall, Edward J., Kansas City, Mo., assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register.	875,661	Dec. 31	6937	1446	131	2390
Hall, Edward L., New York, N. Y. Camera.	859,655	July 9	2072	560	129	724
Hall, Edwin A., Hyde Park, assignor to Airified Gas Heating and Power Company, Boston, Mass. Apparatus for supplying air and regulating pressure thereof.	862,732	Aug. 6	1050	282-4	129	2406
Hall, Edwin A., Hyde Park, assignor to Airified Gas Heating and Power Company, Boston, Mass. Three-way cock.	862,733	Aug. 6	1052	284	129	2406
Hall, Edwin A., Hyde Park, assignor to Airified Gas Heating and Power Company, Boston, Mass. Air-supplying and pressure-regulating means for air and gas mixing apparatus.	863,602	Aug. 20	2372	649-51	129	2884
Hall, F. G., et al. (See Gee, Charles A., assignor.)						
Hall, Francis L., San Pedro, N. Mex. Ter. (anc.)	847,066	Mar. 12	2707	596	127	714
Hall, Francis M., assignor of two-thirds to J. and U. S. Goodwine, Potomac, Ill. Automatic switch.	873,368	Dec. 10	2206	459	131	1549
Hall, Frank. (See Cline, Winfield S., assignor.)						
Hall, Frank A. (See McIntosh, Burnett, assignor.)						
Hall, Frank G., Riverside, Cal. Drafting instrument.	862,635	Aug. 6	900	241	129	2363
Hall, Frank G., Riverside, Cal. Drafting instrument.	862,636	Aug. 6	902	241	129	2364
Hall, Frank J., Philadelphia, Pa. Woven pile fabric.	874,677	Dec. 21	4857	1020	131	2046
Hall, Frank M., assignor to J. E. P. Butz, Potomac, Ill. Strap-splicer.	855,305	May 28	5897	1229	128	1604
Hall, Frederick D., Chicago, Ill. Talking-machine needle.	870,723	Nov. 12	1351	369	131	474
Hall, Frederick W., Camden, N. J. Bottle-sealing device.	857,619	June 25	4234	895	128	2868
Hall, Frederick W., Camden, N. J., assignor to H. M. Bougher and J. W. Paxson Company, Philadelphia, Pa. Molding-machine.	857,997	June 25	5017	1058-60	128	3065
Hall, George, Lima, Ohio. Combination dental bracket.	871,400	Nov. 19	2636	674	131	800
Hall, George B., Rochester, N. Y. Desk companion.	841,391	Jan. 15	3227	696	126	909
Hall, George F., Providence, R. I. Sprinkler for extinguishing fires.	868,432	Oct. 15	1917	536	130	1938
Hall, George L., assignor to National Railway Materials Company, New York, N. Y. Step-up rail-joint.	844,794	Feb. 19	4147	884	126	2895
Hall, George L., assignor to National Railway Materials Company, New York, N. Y. Insulated rail-joint.	847,937	Mar. 19	4486	983-4	127	1184
Hall, Gordon W., Lockport, N. Y. Rag-cutting machine.	872,414	Dec. 3	197	39	131	1199
Hall, Harry F., Philadelphia, Pa. Egg-boiler.	852,556	May 7	353	63	128	96
Hall, Harry F., Philadelphia, Pa. Culinary utensil.	870,880	Nov. 12	1606	440	131	553
Hall, Hartwell & Co. (See Schoen, Paul, assignor.)						
Hall, Henry D., et al. (See Spikes, Richard B., assignor.)						
Hall, Herbert A., Kennebunk Port, Me. Device for sanding rails.	866,721	Sept. 24	3026	854	130	1044
Hall, Herbert E., Lynn, Mass. Cutting and polishing machine.	846,303	Mar. 5	1157	254	127	293
Hall, Isaac A. (See Guldemann, Arnold, assignor.)						
Hall, Isaac A. (See Ott, Frederick, assignor.)						
Hall, Jacob G., Buckhannon, W. Va. Automatic shut-off.	858,279	June 25	5546	1186	128	3200
Hall, Jay H., assignor to Electric Controller and Supply Company, Cleveland, Ohio. System of motor control.	870,029	Nov. 5	248	68-9	131	86
Hall, John, North Monroe, N. H. Sap pail or bucket.	864,421	Aug. 27	3591	998	129	3294
Hall, John, Fresno, Cal. Carrier.	871,586	Nov. 19	3027	754	131	862
Hall, John A. (See Phelps, Sidney W., assignor.)						
Hall, John B. (See Duncan and Hall.)						
Hall, John B. (See Martin, James F., assignor.)						
Hall, John F., Columbus, Ohio. Penholder.	863,552	Oct. 15	2101	587	130	1999
Hall, John L., Schenectady, N. Y., assignor to General Electric Company. Selective transmitting system.	843,746	Feb. 12	1796	383	126	2278
Hall, John L., Schenectady, N. Y., assignor to General Electric Company. System of gun control.	848,988	Apr. 2	753	153	127	1786
Hall, John M. (See Hall, Adrian and J. M.)						
Hall, John R., Forest Grove, Oreg., assignor of one-half to R. J. Ginn, Longbeach, Cal. Door-securer.	855,569	June 4	234	46	128	1755
Hall, John R., Forest Grove, Oreg., assignor of one-half to R. J. Ginn, Longbeach, Cal. Non-refillable bottle.	863,918	Aug. 20	2841	781	129	3034
Hall, John W. (See Draper, Thomas, assignor.)						
Hall, John W., assignor to Hall's Transmission Gear Syndicate, Limited, London, England. Fluid-pressure power-transmission mechanism.	852,384	Apr. 30	7384	1550	127	3601

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Hall, Joseph R., Indianapolis, Ind. Corn-husker and fodder-shredder.....	852,271	Apr. 30	7159	1500-1	127	3547
Hall, Julius C., Wallingford, Conn. Bread-mixer.....	847,765	Mar. 19	4118	899	127	1095
Hall, Langley, Astoria, Oreg. Car-axle.....	868,553	Oct. 15	2102	587	130	1999
Hall, Lincoln E., Philadelphia, Pa. Polishing-wheel and mandrel therefor.....	872,932	Dec. 3	1276	272	131	1368
Hall, Lon D. and S. P., Prescott, Ariz. Ter. Ore-separator.....	853,782	May 14	2850	586	128	767
Hall, Louis J., Chicago, Ill., assignor, by mesne assignments, to Morris-Hall Mail Closer Company. Machine for stamping and sealing mail-matter.....	870,359	Nov. 5	767	204-11	131	252
Hall, Lucius S. (See Burns, Jeremiah D., assignor.)						
Hall, Merton W., Gloversville, N. Y. Tire-repairing plug.....	852,716	May 7	689	134	128	181
Hall, Milan W., assignor, by mesne assignments, to Noiseless Compressor and Air Brake Company, New York, N. Y. Air-compressor and similar device.....	853,356	May 14	2012	416	128	548
Hall, Milan W., New York, assignor of two-thirds to G. H. Fraser, Brooklyn, N. Y. Heater.....	870,821	Nov. 12	1521	414	131	527
Hall, Milan W., New York, assignor of one-tenth to G. H. Fraser, Brooklyn, N. Y. Apparatus for generating and utilizing power in engines and self-propelled vehicles.....	871,335	Nov. 19	2495	644	131	779
Hall, Oscar S. (See Naylor and Hall.)						
Hall, Raymond A., Dayton, Ohio. Soldering compound.....	845,948	Mar. 5	454		127	117
Hall, Richard, Kenora, Ontario, Canada. Car-door.....	869,839	Oct. 29	4139	1143	130	2678
Hall, Robert C. (See Goldnamer and Hall.)						
Hall, Robert C. (See Solomon, William T., assignor.)						
Hall, Robert F. (See Hancock and Hall.)						
Hall, Samuel E. (See Dean and Hall.)						
Hall, Samuel M., assignor of one-half to T. Cullen, Chicago, Ill. Tool for preparing valve-seats.....	842,952	Feb. 5	218	49-50	126	1844
Hall, Samuel P. (See Hall, Lon D. and S. P.)						
Hall Signal Company. (See Breese, Charles P., assignor.)						
Hall Signal Company. (See Breese and Wilson, assignors.)						
Hall Signal Company. (See Coleman, Clarence W., assignor.)						
Hall Signal Company. (See Coleman, Clyde J., assignor.)						
Hall Signal Company. (See Griffith, Lawrence, assignor.)						
Hall Signal Company. (See Hewitt, Robert J., assignor.)						
Hall Signal Company. (See Wilson, Adoniram J., assignor.)						
Hall, Silas, Morecambe, England. Cover for jugs, teapots, and like vessels.....	871,271	Nov. 19	2341	610	131	756
Hall, Stephen S., assignor to Pickering Governor Co., Portland, Conn. Engine-governor.....	854,418	May 21	4128	855	128	1127
Hall, Stephen S., assignor to Pickering Governor Co., Portland, Conn. Engine-governor.....	856,056	June 4	1163	245-6	128	1987
Hall, Thomas F., Omaha, Nebr. Grain-elevator.....	850,222	Apr. 16	3098	648	127	2449
Hall, Thomas P., Vancouver, British Columbia, Canada. Picture-hanger.....	843,942	Feb. 12	2177	466	126	2373
Hall, Walter A., Lynn, Mass., assignor to General Electric Company. Producing laminæ for transformer-cores.....	843,747	Feb. 12	1800	384	126	2279
Hall, Walter A., Lynn, Mass., assignor to General Electric Company. Transformer-core.....	861,029	July 23	4199	1150	129	1479
Hall, Walter A., Lynn, Mass., assignor to General Electric Company. Indicating device.....	872,623	Dec. 3	639	134	131	1267
Hall, Washington L., Philadelphia, Pa. Loom-shuttle.....	869,778	Oct. 29	4049	1118	130	2651
Hall, Watkin, Great Crosby, near Liverpool, England. Invert or block for sewers and pipes.....	865,382	Sept. 10	967	277-8	130	322
Hall, Willard A. (See Oyer, Oren B., assignor.)						
Hall, William, Marion, Oreg. Lock for milk-can lids.....	853,406	May 14	2093	435	128	569
Hall, William F. (See Stinson and Hall.)						
Hall, William F., Williamston, Mich. Mitten or glove.....	861,974	July 30	5665	1572	129	1973
Hall, William M. (See Shepard, James L. B., assignor.)						
Halladay, Lewis P., Streator, Ill. Phonographic-horn support.....	853,357	May 14	2017	416	128	550
Halladay, Lewis P., Streator, Ill. Phonograph-horn support.....	857,169	June 18	3370	710	128	2619
Hallam, John T., Reicing, Pa. Metallic tie and rail fastening.....	854,492	May 21	4266	882	128	1161
Hallam, Leigh H., Roswell, N. Mex. Ter. Acetylene-gas generator.....	860,370	July 16	3152	862	129	1106
Hallanan, Michael, New York, N. Y. Hoof-pad.....	863,386	Aug. 13	2052	554	129	2757
Hallaren, Beatrice M., Brooklyn, N. Y. Combined sleeve and skirt board.....	862,818	Aug. 6	1183	318	129	2445
Halle, Hiram J., assignor to Elliott-Fisher Company, New York, N. Y. Manifolding means for flat-plate type-writers.....	843,012	Feb. 5	337	74-5	126	1875
Halle, Hiram J., assignor to Elliott-Fisher Company, New York, N. Y. Type-writing machine.....	856,344	June 11	1767	368	128	2175
Halle, Hiram J., assignor to Elliott-Fisher Company, New York, N. Y. Manifolding mechanism.....	858,597	July 2	410	105-7	129	146
Halleen, Charles A., Ashtabula, Ohio. Operative mechanism for dumping-cars.....	862,247	Aug. 6	224	61	129	2152
Hallen, Peter, Brookings, S. D. Combined coat and hat rack.....	844,864	Feb. 19	4279	912	126	2928
Haller, James C., and R. H. Machell, assignors to E. T. and J. L. Ingham, Dewsbury, England. Pipe-joint.....	843,892	Feb. 12	2073	444	126	2346
Haller, John, assignor of one-half to G. Neal, Chillicothe, Ohio. Medicine-cabinet.....	863,985	Aug. 20	2937	808	129	3062
Haller, Oliver J. (See Ferguson, Turner, and Haller.)						
Hallett, Henry M., Livingston, Mich. Smoking-pipe.....	874,332	Dec. 17	4163	876	131	1900
Hallett, William F., Hillsdale, Mich. Carbureter.....	850,223	Apr. 16	3099	648	127	2449
Halliday, George, Superior, Wis. Feed-regulator.....	844,124	Feb. 12	2498	536	126	2450
Halliday, George, Superior, Wis. Feeding device.....	860,371	July 16	3154	862	129	1107
Halliday, George, assignor of forty-five one-hundredths to E. J. St. Onge, Superior, Wis. Aerial vessel.....	873,542	Dec. 10	2532	534-5	131	1606
Halligan, Thomas, Salt Lake City, Utah. Trousers.....	841,514	Jan. 15	3461	745	126	972
Hallinan, William, assignor of two-thirds to G. Baker and S. Gish, Central City, Ky. Auger.....	846,200	Mar. 5	974	207	127	247
Hallock, William, New York, N. Y. Generator for alternating electric currents.....	857,394	June 18	3788	802-3	128	2725
Halloran, Dennis, Paris Station, Ontario, Canada. Low-lift plow.....	861,833	July 30	5459	1505-6	129	1910
Hallot, Paul, Vincennes, France. Brake for vehicles.....	845,633	Feb. 26	5763	1220-1	126	3339
Hallot, Paul, Vincennes, France. Railway-brake. (Reissue).....	12,735	Dec. 24	5364	1121-2	131	2125
Hallowell, Howard T., Hallowell, Pa. Apparatus for forming sheet-metal hanger-legs.....	839,839	Jan. 1	66	16-17	126	18
Hallowell, Howard T., Davis Grove, Pa., assignor to Standard Pressed Steel Company. Metal pulley.....	863,387	Aug. 13	2053	554	129	2757
Hallowell, Howard T., Davis Grove, Pa., assignor to Standard Pressed Steel Company. Pulley.....	863,391	Aug. 13	2056	555	129	2759
Hallowell, Howard T., and H. F. Gade, assignors to Standard Pressed Steel Company, Philadelphia, Pa. Shaft-hanger.....	874,067	Dec. 17	3648	796	131	1813
Hallowell, Howard T., and H. F. Gade, assignors to Standard Pressed Steel Company, Philadelphia, Pa. Shaft-hanger.....	874,187	Dec. 17	3866	815	131	1852
Hall's Transmission Gear Syndicate. (See Hall, John W., assignor.)						
Hallstein, August J., New York, N. Y. Safety attachment for elevators.....	849,610	Apr. 9	1973	404	127	2126
Hallstream, Henning, East Bridgewater, assignor to American Paper Feeder Company, Boston, Mass. Sheet-feeding machine.....	854,088	May 21	3509	724	128	967
Hallwood, Henry S., assignor to International Register Company, Columbus, Ohio. Cash-register.....	845,634	Feb. 26	5767	1221-3	126	3339

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Hallwood, Henry S., assignor to International Register Company, Columbus, Ohio. Cash-register.....	870,624	Nov. 12	1185	322-3	131	419
Hallwood, Henry S., assignor to International Register Company, Columbus, Ohio. Multiple-drawer cash-register.....	871,094	Nov. 12	1949	534-6	131	659
Halmasi, Julius Cleveland, Ohio. Roller-bearing.....	863,986	Aug. 20	2938	809	129	3063
Halse, Sophus J., Milwaukee, Wis. Registration-stamp.....	871,502	Nov. 19	2870	720	131	834
Halstead, Charles, New York, N. Y. Alcohol-lamp.....	836,142	June 4	1333	279	128	2030
Halstead, Francis D., and L. C. Andrews, Lock Haven, Pa. Furnace-roof.....	852,835	May 7	945	193	128	241
Halstead, Willard, assignor to Engelberg Huller Co., Syracuse, N. Y. Grinding-mill.....	874,764	Dec. 24	5033	1060	131	2075
Halsted, Mary, Canal Dover, Ohio. Spool-holder.....	850,641	Apr. 16	3913	816	127	2661
Haltermann, John, Portland, Ind. Stuffing-box.....	857,395	June 18	3790	803	128	2725
Halvorsen, Nels, Stoughton, Wis. Draft mechanism for wagons.....	844,351	Feb. 19	2999	641	126	2616
Halvorson, Albert, Rice Lake, Wis. Hay-blower.....	870,822	Nov. 12	1522	415	131	527
Halvorson, Cromwell A. B., Jr. (See Fleming and Halvorson.)						
Halvorson, George O., Briceclyn, Minn. Machine for vending cigars from original boxes.....	840,563	Jan. 8	1583	347	126	440
Ham, George W. (See Peay and Ham.)						
Ham, William D., Knoxville, Tenn. Mold for forming walls.....	845,635	Feb. 26	5785	1223	126	3244
Ham, William D., Knoxville, Tenn. Mold for forming walls.....	849,126	Apr. 2	1038	209	127	1853
Ham, William D., Knoxville, Tenn. Method of and apparatus for making walls.....	870,881	Nov. 12	1607	440	131	553
Hama, Jean S., Los Angeles, Cal. Cake-baking apparatus.....	866,273	Sept. 17	2359	656	130	800
Hamacher, Gideon J., New Dundee, Ontario, Canada. Bicycle.....	868,658	Oct. 22	2292	636	130	2084
Hamaker, Elmer. (See Holt, William E., assignor.)						
Hamaker, John I., College Park, Va. Combined heating and cooking stove.....	840,488	Jan. 8	1420	313	126	480
Hamann, Benjamin, Detroit, Minn. Air-pump.....	874,900	Dec. 31	5456	1141	131	2163
Hamann, Charles W., Cleveland, Ohio. Clutch-operating mechanism.....	843,453	Feb. 5	1205	254	126	2092
Hambay, James T., New York, N. Y. Railway-terminal for cambered bridges.....	862,155	Aug. 6	52	15-16	129	2097
Hambuch, Heinrich F., assignor of three-fourths to Firm of Biberfeld & Co., Hamburg, Germany. Sausage-stuffer.....	872,231	Nov. 26	4399	1046	131	1103
Hambuch, Heinrich F., assignor of three-fourths to Firm of Biberfeld & Co., Hamburg, Germany. Sausage-stuffer.....	872,294	Nov. 26	4511	1070	131	1122
Hamburg, Henry P., Morris Park, Long Island, assignor to Cushman & Denison Manufacturing Company, New York, N. Y. Hand numbering-machine.....	857,934	June 25	4854	1027	128	3022
Hamburger Manufacturing Company. (See Schnick, Henry J., assignor.)						
Hamburger, Harry, et al. (See Hamburger, Mark, assignor.)						
Hamburger, Harry, et al. (See Riecke, John C. A., assignor.)						
Hamburger, Mark, et al. (See Riecke, John C. A., assignor.)						
Hamburger, Mark, assignor of one-half to F. Hamburger, Jr., and H. Hamburger, Baltimore, Md. Bottle-filling machine.....	845,779	Mar. 5	94	18	127	28
Hamburger, Philip, Jr., et al. (See Hamburger, Mark, assignor.)						
Hamburger, Philip, Jr., et al. (See Riecke, John C. A., assignor.)						
Hamel, Charles W. and E. C., St. Louis county, Mo. Self-regulating ash-pan.....	874,188	Dec. 17	3863	815	131	1852
Hamel, Ernest C. (See Hamel, Charles W. and E. C.)						
Hamel, Nathan S. V., Portland, Me. Force draft.....	849,678	Apr. 9	2065	431	127	2156
Hamelback, Jacob A., Newark, Ohio. Dish-washing machine.....	855,570	June 4	235	46-7	128	1756
Hamelie, Henry. (See Rimailho, Emile, assignor.)						
Hames, Joseph C., Goldfield, Nev. Apparatus for treating ores.....	864,642	Aug. 27	3980	1104	129	3416
Hames, Joseph C., Goldfield, Nev. Knockdown tank.....	872,813	Dec. 3	1032	217	131	1331
Hames, William J. M., Atlanta, Ga. Polisher and cleaner.....	844,865	Feb. 19	4280	912	126	2929
Hames, William J. M., Atlanta, Ga. Cleaner and polisher.....	846,665	Mar. 12	1918	422	127	518
Hamilton, Addington B., Roslindale, assignor of two-thirds to J. F. O'Brien, Boston, Mass. Bottle-stopper.....	846,467	Mar. 12	1509	336	127	412
Hamilton, Addington B., assignor of two-thirds to J. F. O'Brien, Boston, Mass. Feed-bag.....	853,875	May 14	3044	626	128	811
Hamilton, Alexander K., New Brighton, N. Y., and A. T. Keller; said Keller assignor of one-half to Mesta Machine Company, Pittsburg, Pa. Hydraulic counterbalance for rolling-mills.....	870,285	Nov. 5	645	172-3	131	210
Hamilton, Alexander T., Etna, Ga., and W. B. Lowe, New York, N. Y. Bag or sack fastener or closure.....	874,333	Dec. 17	4164	876	131	1901
Hamilton, Alle S., Los Angeles, Cal. Cut-out valve for mufflers.....	841,392	Jan. 15	3230	696	126	918
Hamilton, Allen W., Wheeling, W. Va. Bending-machine.....	859,766	July 9	2226	606	129	775
Hamilton, Anna C., Brownstown, Ind. Extension-bed.....	867,820	Oct. 8	909	258	130	1611
Hamilton, Benjamin F., Marlinton, W. Va. Metallic railway-tie.....	849,542	Apr. 9	1850	376	127	2096
Hamilton, Benjamin T., Fort Smith, Ark. Locomotive-pilot.....	860,373	July 16	3157	863	129	1107
Hamilton, Benjamin T., Fort Smith, Ark. Locomotive-pilot.....	860,374	July 16	3159	864	129	1108
Hamilton, Charles E., Winnipeg, Manitoba, Canada, assignor to Joshua Oldham and Sons, Brooklyn, N. Y. Brazing compound.....	848,592	Mar. 26	5756	.....	127	1538
Hamilton, Clark T., Lanier, Ga. Gum-purifier.....	861,113	July 23	4316	1185	129	1519
Hamilton, Coello, Plymouth, Mich. Rifle construction.....	863,171	Aug. 13	1729	464-5	129	2654
Hamilton, David. (See Riley and Hamilton.)						
Hamilton, Edward, Winchester, Ill. Drag.....	872,933	Dec. 3	1277	272-3	131	1368
Hamilton, Erastus, Chicago, Ill. Bottle.....	842,652	Jan. 29	5831	1232	126	1633
Hamilton, Erastus, Chicago, Ill. Means for securing rails to railway-ties.....	862,472	Aug. 6	623	167	129	2283
Hamilton, Erastus, Chicago, Ill. Railway-rail and connection therefor.....	834,464	Aug. 27	3669	1020	129	3322
Hamilton, Frank P. (See Manney and Hamilton.)						
Hamilton, Frank P., Cleveland, Ohio. Steam-trap.....	868,659	Oct. 22	2293	637	130	2085
Hamilton, George W., Columbus, Ohio. Churn.....	848,989	Apr. 2	756	154	127	1780
Hamilton, Guy. (See Caille, Hamilton, and Currie.)						
Hamilton, Harry. (See McCoy, John I., assignor.)						
Hamilton, Henry P., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Sectional cabinet.....	872,415	Dec. 3	198	40	131	1200
Hamilton, Henry P., Two Rivers, Wis., and H. Hamilton, Detroit City, Minn., assignors to Hamilton Manufacturing Company, Two Rivers, Wis. Printer's ink-roller cabinet.....	846,997	Mar. 12	2563	564	127	681
Hamilton, Howard F. (See Clark and Hamilton.)						
Hamilton, Hubbard. (See Hamilton, Henry P. and H.)						
Hamilton, James. (See Stanfield, Jasper H., assignor.)						
Hamilton, James, New York, N. Y. Dumping-bucket.....	875,520	Dec. 31	6541	1364	131	2343
Hamilton, James, Jr., Little Falls, Minn. Magazine-hammer.....	864,733	Aug. 27	4125	1145	129	3460
Hamilton, James L. B. (See McGahan, George R., assignor.)						
Hamilton, James M., Meriden, Conn. Combined chair and couch.....	870,776	Nov. 12	1446	392	131	502
Hamilton, James W., Weatherford, Tex. Hay-press.....	854,736	May 28	4747	987	128	1310
Hamilton, James W., and W. Gwinnup, Indianapolis, Ind. Fence-post.....	841,777	Jan. 22	3987	860	126	1159
Hamilton, John A., Munhall, Pa. Shipping-case for coin.....	861,277	July 30	4591	1254	129	1644
Hamilton, John R., Auburn, Iowa. Wire-stretcher.....	854,089	May 21	3512	725	128	968
Hamilton, John R., St. John, New Brunswick, Canada. Combination tool or utensil.....	869,706	Oct. 29	3946	1088	130	2621
Hamilton, John R., Mount Kisco, assignor to Manufacturers Automatic Sprinkler Company, New York, N. Y. Dry-pipe valve.....	857,276	June 18	3566	754	128	2269

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Hamilton Manufacturing Company. (See Hamilton, Henry P., assignor.)						
Hamilton Manufacturing Company. (See Hamilton, Henry P. and H., assignors.)						
Hamilton, Morgan S. (See Higgs and Hamilton.)						
Hamilton, Richard F., New York, N. Y. Automatic slack-adjuster for brakes.	860,800	July 23	3826	1048	129	1359
Hamilton, Robert, Singapore, Straits Settlements, India. Power-transmitting mechanism	843,013	Feb. 5	345	76-7	126	1877
Hamilton, Samuel H. (See Aaron and Hamilton.)						
Hamilton, Thomas D., J. Rusk, and W. A. Robertson, Belfast, Ireland. Sewing-machine.	850,642	Apr. 16	3914	816	127	2661
Hamilton, Thomas F., Chicago, Ill. Tire for vehicle-wheels.	856,526	June 11	2139	439	128	2268
Hamilton, Thomas G., Pittsburg, Pa. Railway-tie.	863,987	Aug. 20	2939	809	129	3063
Hamilton, Thomas W., Berlin, Wis. Legging.	972,727	Dec. 3	864	179	131	1303
Hamilton, William H., assignor of one-half to H. B. Hoyt, De Kalb, Ill. Lawn-trimmer.	868,554	Oct. 15	2103	587	130	1999
Hamilton, William L., Chicago, Ill. Register-hook.	873,043	Dec. 10	1559	326	131	1442
Hamilton, William L., Chicago, Ill. Register-hook.	874,500	Dec. 24	4494	945	131	1987
Hamilton, William T. (See Reisner, Swartz, and Hamilton.)						
Hamlett, Henry H., Salem, Mass. Power-press.	862,391	Aug. 6	476	127-8	129	2236
Hamlin, John S. (See Aikman, Bert, assignor.)						
Hamlink, Lazrby C., assignor to Gas Bench Construction Company, St. Louis, Mo. Recuperative muffle-furnace.	852,506	May 7	256	46-7	128	72
Hamm, Clayton W., assignor of two-fifths to R. S. Beard, York, Pa. Block-signal system for electric railways.	867,197	Sept. 24	3767	1064	130	1275
Hamm, John W., and M., Honey Creek, Wis. Corn-husking roll.	867,035	Sept. 24	3505	995	130	1193
Hamm, Martin. (See Hamm, John W., and M.)						
Hamm, William. (See Hamm, John W., and M.)						
Hamm, William S., Lakeside, Ill. Lantern.	860,018	Sept. 17	1980	551-2	130	679
Hamm, William S., Lakeside, Ill. Signal-lantern.	871,088	Nov. 12	1940	531	131	656
Hamm, William S., Lakeside, Ill. Lantern.	871,401	Nov. 19	2637	674	131	800
Hamm, William S., Lakeside, Ill. Signal lamp or lantern glass holder.	874,402	Dec. 24	4307	907	131	1957
Hamm, William S., Lakeside, Ill., assignor to Adams & Westlake Company. Lamp.	863,388	Aug. 13	2053	555	129	2758
Hammacher, Schlemmer & Company. (See Merritt, Gordon, assignor.)						
Hamman, Frank P., Orleans, Mich. Fishing-reel.	859,381	July 9	1664	443	129	592
Hammann, Edward, and C. H. Moore, New York, N. Y., assignors to J. L. Mott Iron Works. Water-closet.	860,372	July 16	3156	863	129	1107
Hammann, Edward, and C. H. Moore, New York, N. Y., assignors to J. L. Mott Iron Works. Water-closet apparatus.	860,540	July 16	3404	935	129	1189
Hammann, William, Milwaukee, Wis. Flashing-fastener.	866,357	Sept. 17	2494	696	130	843
Hammann, William, Milwaukee, Wis. Ventilator.	873,125	Dec. 10	1715	358	131	1469
Hammar, Carl A., and A. Brickman, Worcester, Mass. Window-catch.	853,358	May 14	2018	417	128	550
Hammar, Sten E., Chicago, Ill. Optical instrument.	858,979	July 2	1049	276	129	338
Hammarberg, Arndt L., Youngstown, Ohio. Gas-valve.	856,252	June 11	1566	328	128	2123
Hammarén, Thure F., Koetzschenbroda, near Dresden, Germany. Bicycle and motor-bicycle saddle.	872,124	Nov. 26	4178	998	131	1068
Hammett, Clarence S., Jacksonville, Fla. Distilling wood.	843,599	Feb. 12	1527	324	126	2207
Hamme, Ellen E., administratrix. (See Strasbaugh, Levi W.)						
Hammer, Fredrick, assignor of one-half to W. R. Hughes, Columbus, Ohio. Train-line connection.	863,844	Aug. 20	2729	752	129	3000
Hammer, Lewis C. (See Dimpsey, Nelson W., assignor.)						
Hammer, Oskar, Mahlitzsch, Germany. Pattern-roll for paper-machines.	872,345	Dec. 3	56	11	131	1177
Hammer, W. P., et al. (See Hitch, John E., assignor.)						
Hammer, William J., New York, N. Y. Selenium cell.	866,462	Sept. 17	2629	735	130	886
Hammer, William J., New York, N. Y. Making phosphorescent colors.	868,779	Oct. 22	2485	130	2145	
Hammer, Willie A., Alamo, Tenn., assignor of one-half to W. R. Smith, J. C. Smock, H. L. Marshall, and E. G. Bailey, Eufaula, Ind. Ter. Stove.	864,371	Aug. 27	3522	977	129	3271
Hammerberg, Arndt L., Youngstown, Ohio. Water-cooled furnace-front.	850,155	Apr. 16	2959	620	127	2412
Hammers, George W., La Junta, Colo. Gang-plow.	850,749	Apr. 16	4103	859	127	2707
Hammerstein, Carl. (See Brokamp and Hammerstein.)						
Hammerstein, Oscar, New York, N. Y. Ventilation of subways.	848,900	Apr. 2	614	122	127	1746
Hammerstein, Oscar, New York, N. Y. Cutting apparatus.	861,834	July 30	5462	1506-7	129	1911
Hammerstein, Oscar, New York, N. Y. Wrapper cutting and transferring mechanism.	861,835	July 30	5464	1507	129	1912
Hammerstein, Oscar, New York, N. Y. Cigar-bunch-rolling machine.	872,125	Nov. 26	4179	998-9	131	1068
Hammerstein, Oscar, New York, N. Y. Cigar-bunch-forming apparatus.	872,177	Nov. 26	4280	1023	131	1086
Hammerstein, Oscar, New York, N. Y. Producing cigar-bunch structures.	875,071	Dec. 31	5672	1183	131	2199
Hammett, James W., Eureka, W. Va. Potato-digger.	858,809	July 2	788	206	129	274
Hammond, Forrest. (See Krenrich and Hammond.)						
Hammond, Grant, assignor of two-thirds to C. L. Dam, San Francisco, and M. B. Miller, Sunolgen, Cal. Artificial stone.	860,744	July 23	3738	129	1330	
Hammond, Harry L., Indianapolis, Ind. Window-fastener.	874,586	Dec. 24	4678	983	131	2016
Hammond, Henry. (See Moneuse, Elie J., assignor.)						
Hammond, Isaac B., Portland, Oreg. Dredge-bucket.	857,396	June 18	3792	804	128	2725
Hammond, James B., New York, N. Y. Sight attachment for type-writers.	846,025	Mar. 5	622	130	127	160
Hammond, James B., New York, N. Y. Type-writer.	846,027	Mar. 5	626	131	127	161
Hammond, John, et al. (See Dunn and Taylor, assignors.)						
Hammond, John F., Brewster, N. Y., assignor to S. S. White Dental Manufacturing Company, Philadelphia, Pa. Pyrometer.	846,998	Mar. 12	2565	564	127	682
Hammond, John W., Taunton, Mass., assignor to Staples Coal Company. Lighter.	845,461	Feb. 26	5469	1158	126	3266
Hammond, Robert A. (See Kast, Jacob, assignor.)						
Hammond, Robert O., Jamestown, N. Y., assignor to Rochester Electric Specialty Company. Water-motor.	864,967	Sept. 3	327	87-8	130	104
Hammond, T. A., et al. (See Brodton, Edward R., assignor.)						
Hammond, Theodore A. and W. P., Passaic, N. J., assignors to H. R. and K. Manufacturing Company, New York, N. Y. Switchboard construction.	862,072	July 30	5817	1613	129	2022
Hammond Typewriter Company. (See Ruffin, John A., assignor.)						
Hammond, William P. (See Hammond, Theodore A. and W. P.)						
Hampe, Adolph, New York, N. Y. Attaching device.	874,765	Dec. 24	5034	1060	131	2075
Hampson, Joseph H., Kansas City, Mo. Flange and ice-cutter for railway-cars.	863,170	Aug. 13	1728	464	129	2654
Hampton, Calvin G., Ryde Station, Cal. Auto steam-plow.	873,229	Dec. 10	1906	400	131	1500
Hamsley, Millard F., Brooklyn, N. Y. Fireproof window.	874,501	Dec. 24	4495	946	131	1988
Hanaman, Franz. (See Just and Hanaman.)						
Hanauer Kunstseidefabrik. (See Eck and Bechtel, assignors.)						
Hance, Young D., Adelina, Md. Strap-fastener.	854,577	May 21	4427	920	128	1200
Hanchett, George T. (See Jordan and Hanchett.)						
Hanchett, John, Sheridan, Mich. Saw-swage.	858,175	June 25	5369	1142	128	3154
Hanchett, Lafayette. (See Vivian, George G., assignor.)						
Hanchett Swage Works. (See Hedstrom, John P., assignor.)						
Hancock, Cooper W. (See Heller and Hancock.)						
Hancock, Harrison S., Newbern, N. C. Log-spur attachment for conveyer-chains.	846,468	Mar. 12	1512	336	127	413

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Hancock, Harry A., assignor to Brown Straw Binder Company, Indianapolis, Ind. Straw-binder.....	864,783	Sept. 3	27	8-9	130	11
Hancock, Joel M., Magnolia, Ark. Saw-set.....	869,707	Oct. 29	3948	1089	130	2621
Hancock, John I., Lestershire, N. Y. Block-molding machine.....	841,515	Jan. 15	3461	745-6	126	972
Hancock, Mitchell, Sale City, Ga. Strainer.....	869,433	Oct. 29	3504	962	130	2487
Hancock, Newton F., Fayetteville, Tenn. Fertilizer-distributor.....	853,692	May 14	2671	550	128	720
Hancock, Ralph, London, and R. F. Hall, Birmingham, England. Centrifugal fan.....	860,465	July 16	3299	902-3	129	1155
Handel, Jacob, New York, N. Y. Rotary vibratory massage-brush.....	866,019	Sept. 17	1981	552	130	680
Handelsgesellschaft Kleinberg & Co. (See Eceghy, Stefan K. von, assignor.)						
Handlan, Alexander H., Jr., St. Louis, Mo. Railway-track drill.....	842,544	Jan. 29	5605	1186	126	1579
Handlan, Alexander H., Jr., St. Louis, Mo. Signal-lantern.....	846,104	Mar. 5	793	166	127	203
Handlan, Alexander H., Jr., St. Louis, Mo. Lamp-burner.....	849,679	Apr. 9	2096	431	127	2156
Handlan, Alexander H., Jr., St. Louis, Mo. Lamp-burner.....	855,055	May 28	5409	1123	128	1481
Handlan, Alexander H., Jr., St. Louis, Mo. Torpedo-placer for railways.....	855,772	June 4	639	131	128	1858
Handlan, Alexander H., Jr., St. Louis, Mo. Adjustable support for signal-lamps.....	857,397	June 18	3793	804	128	2726
Handlan, Alexander H., Jr., St. Louis, Mo. Machine for boring railway-ties.....	871,402	Nov. 19	2638	674-5	131	809
Handlan, Alexander H., Jr., St. Louis, Mo. Lamp.....	873,427	Dec. 10	2309	483	131	1568
Handlan-Buck Manufacturing Company. (See Rolfes, George H., assignor.)						
Handler, Harry, Lawrence, Mass. Permutation-padlock.....	857,935	June 25	4855	1027	128	3022
Handorf, Franz von, Frankfurt-on-the-Main, Germany. Two-cycle gas-engine.....	858,280	June 25	5547	1186	128	3200
Hands, William J., Toronto, Ontario, Canada. Clutch.....	851,986	Apr. 30	6595	1374	127	3405
Handschumacher, John, San Francisco, Cal. Door-hanger and track therefor.....	855,172	May 28	5638	1177	128	1543
Handy, Arthur E., assignor to Rhode Island Elevator and Machine Company, Providence, R. I. Hoisting-machine.....	840,129	Jan. 1	697	149	126	190
Handy, Arthur E., assignor to Rhode Island Elevator and Machine Company, Providence, R. I. Controlling device.....	865,383	Sept. 10	969	278-9	130	322
Handy, Frank S., and W. J. Hickey, Bay City, Mich. Hoof-pad.....	854,034	May 21	3387	698	128	936
Handy, Robert G., Bay City, Mich. Equalizing suspension device for vehicles.....	862,556	Aug. 6	776	207	129	2324
Handy Scaffold Co. (See Bonenberger, George, assignor.)						
Handy Things Company. (See Bailey, Herbert L., assignor.)						
Hanes, W. M., et al. (See Robinson, William H., assignor.)						
Haney, William H. (See Fields, John W., assignor.)						
Hanfstengel, Georg von Stuttgart, Germany. Driving mechanism for conveyors.....	869,488	Oct. 29	3594	984	130	2514
Hanford, Charles C., Toledo, Ohio. Pull-rod grip.....	867,036	Sept. 24	3506	995	130	1194
Hanger, James E., Washington, D. C. Chair.....	856,058	June 4	1167	246	128	1988
Hangl, Karl P., New York, N. Y. Feeder for briquet-machines.....	845,299	Feb. 26	5145	1092	126	3188
Hanhart, Louis J., assignor to J. A. Fay & Egan Company, Cincinnati, Ohio. Band sawing-machine.....	871,119	Nov. 19	2007	547-8	131	705
Hanitzsch, Curt A., Manchester, England. Device for spraying fluid upon the surfaces of paper, textile fabrics, or the like.....	864,784	Sept. 3	31	10	130	12
Hanka, Joseph C., Amethyst, Colo. Hay-rake.....	852,433	May 7	46	10	128	15
Hanken, Edward E., Waggoner, Ill. Combined thimble and flue-stop.....	860,801	July 23	3828	1049	129	1360
Hankens, William. (See Ansley, Sherman, assignor.)						
Hankins, William B., assignor of one-half to W. E. Sefton, Mount Vernon, Ohio. Flue-welding machine.....	843,809	Feb. 12	1911	409-10	126	2307
Hanks, Marshall W., Madison, Wis. Starting and controlling internal-combustion-engine-driven launches and vehicles.....	840,694	Jan. 8	1816	400	126	508
Hanks, Marshall W., and J. T. Atwood, Madison, Wis.; said Atwood assignor to said Hanks. Engine-mount.....	840,695	Jan. 8	1818	401	126	708
Hanks, Theo., et al. (See Malburg, Gottfried, assignor.)						
Hanks, William W. (See Kintner and Hanks.)						
Hanley, Alfred, New York, N. Y. Combination-tool.....	851,351	Apr. 23	5299	1110	127	3047
Hanley, E. W., et al. (See Yoe, Philip, assignor.)						
Hanley, John, Laurel, Miss. Log-car dog.....	855,103	May 28	5529	1147	128	1509
Hanley, Lawrence G., and J. B. Porter, Buffalo, N. Y. Stocking-supporter.....	860,292	July 16	3029	829	129	1065
Hanlon, Andrew J., assignor of one-half to W. W. and W. B. Denison, Columbus, Ind. Welding compound.....	865,887	Sept. 10	1772	.....	130	585
Hanlon, Daniel B., assignor of one-half to W. S. Ball and T. H. North, New Liberty, Ky. Nut-lock.....	857,398	June 18	3794	804	128	2726
Hanlon, Frank H. (See Weaver, Charles A., assignor.)						
Hanlon, George. (See Allen and Hanlon.)						
Hanlon, James W., Wichita, Kans. Soap-dispensing device.....	852,603	May 7	463	86	128	123
Hanlon, John H., Somerville, Mass. Track-sanding device.....	841,144	Jan. 15	2739	598	126	586
Hanlon, John S., Chicopee, Mass. Expansion-nut.....	843,271	Feb. 5	901	183	126	2020
Hanna, Gustave H. (See Cummings and Hanna.)						
Hanna, Nellie E., New York, N. Y. Shirt-waist attachment.....	854,737	May 28	4753	987	128	1312
Hanna, Nelson G., Center township, Howard county, assignor of three-eighths to V. H. Lockwood, Indianapolis, Ind. Side-delivery buncher.....	840,320	Jan. 1	1067	233	126	284
Hanna, Walter S., and J. D. Bryant, Columbus, Ohio. Paint and varnish remover.....	870,508	Nov. 5	999	.....	131	323
Hannaford, Alfred, Chicago, Ill. Overhead carrier.....	852,784	May 7	838	168	128	214
Hannaford, Alfred, Chicago, Ill. Carcass-elevator.....	852,785	May 7	839	168	128	215
Hannagan, John W. (See Taylor, Charles A., assignor.)						
Hannagan, Paul, Lawrence, Mass. Snow-plow.....	855,886	June 4	857	178	128	1910
Hannah, Edgar J., Green Castle, Mo. Mechanical movement.....	850,930	Apr. 23	4468	935	127	2840
Hannah, William, Paterson, N. J. Loom.....	841,087	Jan. 8	2607	570-1	126	709
Hannah, William, Paterson, N. J. Dyeing-frame.....	861,649	July 30	5169	1419	129	1825
Hannah, William, Paterson, N. J. Weaving.....	870,823	Nov. 12	1523	415-16	131	527
Hannahs, John J., New York, and A. A. Hieber, Brooklyn, N. Y., assignors to Universal Typewriter Company. Type-writer.....	840,768	Jan. 8	1966	433-4	126	545
Hannahs, John J., New York, and A. A. Hieber, Brooklyn, N. Y., assignors to Universal Typewriter Company. Type-writing machine.....	849,127	Apr. 2	1040	210-11	127	1853
Hannahs, John J., New York, and A. A. Hieber, Brooklyn, N. Y., assignors to Universal Typewriter Company. Type-writing machine.....	849,128	Apr. 2	1055	211-12	127	1858
Hanning, Carl. (See Lewicki, Taddäus, assignor.)						
Hannold, Ed J., assignor, by mesne assignments, to C. A. Witherspoon, trustee, Mexico, Mo. Hose-coupling.....	856,401	June 11	1918	304	128	2215
Hannon, James J., Logansport, Ind. Piston-packing former and replacer.....	853,973	May 21	3270	671-2	128	907
Hannum, Ellis J., assignor to Newton Machine Tool Works, Incorporated, Philadelphia, Pa. Speed-box for metal-working machines.....	857,399	June 18	3795	804-5	128	2726
Hanover Gas Regenerating Company. (See McKnight, John W., assignor.)						
Hanrahan, John E. (See Brown, Hanrahan, and Boyden.)						
Hanrahan, John E. (See Brown, Hanrahan, and Boyden.) (Reissue.)						
Hans, Alfred, Friedenau, near Berlin, Germany. Producing photographs on metal, glass, porcelain, &c.....	874,005	Dec. 17	3448	.....	131	1792
Hanscom, Grant, Loveland, Colo. Twine-holder.....	848,648	Apr. 2	49	11	127	1597
Hansel, John J., Muskegon, Mich. Sled-propeller.....	855,306	May 28	5899	1230	128	1604

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Hansel, John J., Muskegon Mich. Stand for motor-cycles, &c.	855,307	May 28	5900	1230	128	1604
Hansel, John W. (See Dyer, Charles E., assignor.)						
Hansen, Albert H., Oak Park, Ill. Sash-fastener.	875,521	Dec. 31	6542	1364	131	2343
Hansen, August J., Walnut, Iowa. Hay-loader.	854,090	May 21	3514	725	128	968
Hansen, Carl, Johnson, N. Y. Magazine-gun.	841,088	Jan. 8	2609	571-2	126	709
Hansen, Carl, Johnson, N. Y. Magazine-gun.	844,017	Feb. 12	2304	493-4	126	2404
Hansen, Carl F. V., Buenos Ayres, Argentina. Rail-joint.	834,300	Aug. 27	3415	949	129	3238
Hansen, Carl H., Hellerup, Denmark. Safety device for firearms.	849,387	Apr. 9	1539	311	127	2017
Hansen, Charles E., Providence, R. I. Button or stud.	855,173	May 28	5660	1177	128	1543
Hansen, Charles M., Buffalo, N. Y. Cheese-cutter.	868,660	Oct. 22	2294	637	130	2085
Hansen, Christian M., <i>et al.</i> (See Gulbrandsen, Knud, assignor.)						
Hansen, Christian M., Vejle, Denmark. Welt-replenishing mechanism for looms.	845,232	Feb. 26	4993	1062	126	3149
Hansen, Christian M., C. V. Müller, and J. C. E. Carlsson, Vejle, Denmark. Welt-replenish- ing loom.	867,127	Sept. 24	3638	1033-4	130	1232
Hansen-Ellehammer, Jacob C., Copenhagen, Denmark. Starting device for explosion- engines.	854,035	May 21	3388	698	128	936
Hansen, Frank J., and H. J., Minneapolis, Minn. Ball-bearing wheel.	856,634	June 11	2366	487	128	2327
Hansen, Gustav A. (See Krag and Hansen.)						
Hansen, Hans H., Pittsburg, Kans. Monument.	853,407	May 14	2094	436	128	569
Hansen, Hans J. (See Hansen, Frank J. and H. J.)						
Hansen, Hans M., Quincy, Mass. Running-shoe.	859,382	July 9	1666	443	129	592
Hansen, Hans T., Milwaukee, Wis. Wheel.	851,234	Apr. 23	5053	1063	127	2984
Hansen, Herman, assignor to F. Keil & Son, New York, N. Y. Feed mechanism.	861,723	July 30	5279	1452-3	129	1856
Hansen, Ingvar, Orofino, Idaho. Fly-trap.	855,308	May 28	5902	1230	128	1605
Hansen, Jens P., Kamsack, Saskatchewan, Canada. End-gate.	840,621	Jan. 8	1691	371	126	477
Hansen, John M., Pittsburg, Pa. Metallic car-underframe.	854,349	May 21	3997	826	128	1094
Hansen, John M., Pittsburg, Pa. Apparatus for tempering and annealing car-wheels.	871,931	Nov. 26	3738	911	131	1003
Hansen, John M., Pittsburg, Pa. Tempering and annealing car-wheels.	871,932	Nov. 26	3740	911	131	1003
Hansen, John M., assignor to Pressed Steel Car Company, Pittsburg, Pa. Underframe for box-cars.	841,145	Jan. 15	2742	598-9	126	787
Hansen, John M., assignor to Forged Steel Wheel Company, Pittsburg, Pa. Forging car and like wheels.	866,020	Sept. 17	1982	552-3	130	680
Hansen, John M., assignor to Forged Steel Wheel Company, Pittsburg, Pa. Apparatus for forging wheel-blanks.	866,021	Sept. 17	1986	553	130	681
Hansen, John M., assignor to Forged Steel Wheel Company, Pittsburg, Pa. Apparatus for forging car-wheel treads.	866,022	Sept. 17	1987	553	130	681
Hansen, John M., assignor to Forged Steel Wheel Company, Pittsburg, Pa. Forging wheel-blanks.	866,023	Sept. 17	1989	553-4	130	682
Hansen, John M., assignor to Forged Steel Wheel Company, Pittsburg, Pa. Apparatus for forging wheels.	866,024	Sept. 17	1991	554	130	682
Hansen, John M., assignor to Forged Steel Wheel Company, Pittsburg, Pa. Forging car-wheels.	866,025	Sept. 17	1992	555	130	683
Hansen, John M., assignor to Forged Steel Wheel Company, Pittsburg, Pa. Apparatus for forging car-wheels.	866,026	Sept. 17	1995	555-6	130	683
Hansen, John S., Brockton, Mass. Adjustable shoe tree or stretcher.	857,055	June 13	3144	662	128	2564
Hansen, John S., Brockton, Mass. Ventilating-tree.	857,734	June 25	4463	943	128	2927
Hansen, John S., Brockton, Mass. assignor to O. A. Miller Treeing Machine Company, Portland, Me. Holding device for shoe-uppers.	850,884	Apr. 16	4368	916	127	2777
Hansen, Lars, Oshkosh, Wis. Molding apparatus.	847,179	Mar. 12	2911	641	127	705
Hansen, Marius H., Chicago, Ill. Spring-scale.	848,740	Apr. 2	239	48	127	1647
Hansen, Peter, Copenhagen, Denmark. Diver's helmet.	867,719	Oct. 8	745	209	130	1561
Hansen, Peter, assignor to J. S. McDonald Company, Chicago, Ill. Leaf for books.	863,988	Aug. 20	2940	809	129	3063
Hansen, Peter, Jersey City, N. J., and G. W. Foote, New York, N. Y. Machine for coring and slicing fruit.	849,233	Apr. 2	1238	252	127	1905
Hansen, Peter J., Seattle, Wash. Mast-hoop.	855,246	May 28	5797	1208	128	1579
Hansen, Rasmus, assignor to one-half to A. M. Belfield, Chicago, Ill. Transmitter.	872,284	Nov. 26	4491	1066	131	1119
Hansen, Thorvald, Everett, assignor, by mesne assignments, to Standard Fibre Com- pany, Somerville, Mass. Machine for making vulcanized-fiber tubes.	868,555	Oct. 15	2104	588-9	130	1999
Hansen, Victor, Sparks, Nev. Wrench.	861,030	July 23	4201	1150	129	1479
Hansen, William A., San Francisco, Cal. Gas-engine-reversing mechanism.	858,281	June 25	5550	1186	128	3201
Hansford, Otis M., Americus, Ga. Wrench.	857,237	June 18	3489	737	128	2650
Hanson, August, Rock Island, Ill., assignor of one-third to H. Fredin, Ilion, N. Y. Maga- zine-rifle.	866,027	Sept. 17	1996	556-7	130	684
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Cy- lindrical reamer.	846,666	Mar. 12	1919	422	127	519
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Fluid- actuated clutch.	847,572	Mar. 19	3700	816	127	994
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Chuck.	847,573	Mar. 19	3703	816-17	127	995
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Fluid- tight joint for rotary shafts.	847,574	Mar. 19	3705	817	127	995
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Fric- tion-clutch.	847,575	Mar. 19	3707	817	127	996
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Indicating and locking device for change-gear mechanism.	847,938	Mar. 19	4490	984	127	1185
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Means for protecting driving-pulleys.	851,004	Apr. 23	4589	962	127	2869
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Comp- ensating bearing for machine-spindles.	851,005	Apr. 23	4590	962-3	127	2869
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Cam.	855,773	June 4	640	131	128	1859
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Clutch mechanism.	865,302	Sept. 3	827	239	130	250
Hanson, Bengt M. W., assignor to Pratt & Whitney Company, Hartford, Conn. Thread- gauge.	870,286	Nov. 5	646	173-4	131	211
Hanson, Bengt M. W., and A. E. Thayer, assignors to Pratt & Whitney Company, Hart- ford, Conn. Foot-stock.	867,198	Sept. 24	3769	1065	130	1276
Hanson, Bengt M. W., and J. H. Montstream, assignors to Pratt & Whitney Company, Hartford, Conn. Adjustable cam.	868,086	Oct. 15	1373	384	130	1775
Hanson, Bennie P., Parkersburg, Iowa. Vehicle-tongue.	866,130	Sept. 17	2150	598	130	732
Hanson, Bennie P., Parkersburg, Iowa, assignor of one-half to C. D. Williams, Elmore, Minn. Manure-loader.	866,582	Sept. 17	2791	781	130	936
Hanson, Bernard, Shroyer, Kans. Engine-valve.	854,036	May 21	3389	698	128	936
Hanson, Frederick O., Victoria, assignor of one-half to W. Schrenkler, Walker, Kans. Sound-magnifier for telegraph instruments.	865,888	Sept. 10	1773	493	130	585
Hanson, Freeman, Hollis Center, Me. Rotary harrow.	842,653	Jan. 29	5833	1232	126	1635
Hanson, Hans C., Albert Lea, Minn. Inverted gas-burner.	861,461	July 30	4894	1342	129	1736
Hanson, Hans C., Albert Lea, Minn. Means for automatically regulating the supply of oil to gas-generators.	875,173	Dec. 31	5870	1224	131	2232

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Hanson, Herbert F. (See Beaubien, Robert E., assignor.)						
Hanson, J. A., et al. (See Barnes, Charles D., assignor.)						
Hanson, John. (See Weaver, Matthew J., assignor.)						
Hanson, John H., Chicago, Ill. Combined puli and key socket.....	847,939	Mar. 19	4492	984	127	1186
Hanson, John H., Aitkin, Minn. Stove, furnace, or drum.....	859,217	July 9	1395	371	129	501
Hanson, Joseph, Inwood, Iowa. Signal for force-feed lubricators.....	845,351	Feb. 26	5243	1112	126	3210
Hanson, Justice. (See Demarest, George A., assignor.)						
Hanson, Nels T., Hawarden, Iowa. Safety-valve.....	858,810	July 2	789	206	129	274
Hanson & Van Winkle Company. (See Cordeaux, Gaston E., assignor.)						
Hanson & Van Winkle Company. (See Temper, Adolf, assignor.)						
Hanson, William. (See Stevens and Hanson.)						
Hanson, William C., Cedar Rapids, Iowa. Truck.....	847,766	Mar. 19	4119	900	127	1095
Hanson, Winfield E., Biddeford, Me. Dental engine.....	869,840	Oct. 29	4141	1143	130	2678
Hantske, Leo C., Baltimore, Md. Self-rocking cradle.....	856,580	June 11	2256	464	128	2299
Harvey, William A., Big Rapids, assignor of one-half to W. Lambert, Reed City, Mich. Rail-joint.....	848,901	Apr. 2	614	122	127	1746
Hanwell, Herbert W., Northampton, England. Lamp-pendant.....	846,563	Mar. 12	1704	376-7	127	462
Hanzlik, Henry J. (See Callan and Hanzlik.)						
Hapgood, Clarence H., assignor to Toledo Computing Scale Company, Toledo, Ohio. Scale.....	860,541	July 16	3405	936	129	1190
Happer, James R., Linwood, assignor of one-half to J. Bertram and Son, Limited, Edinburgh, Scotland. Electric drive for paper-making and like machines.....	864,842	Sept. 3	127	34-5	130	40
Hara, Lewis O., Auburn, N. Y. Lifting-jack.....	847,662	Mar. 19	3908	854	127	1048
Haralson, John A., Mexico, Mexico. Ore-separator.....	867,360	Oct. 1	207	59	130	1376
Harazin, Franjo, et al. (See Regal, August, assignor.)						
Harbach, Florin, Reading, Pa. Sash-balance.....	875,072	Dec. 31	5673	1183	131	2199
Harbaugh, Arthur G., and C. W. Detering, Seattle, Wash. Log-unloader.....	859,566	July 9	2075	560	129	725
Harbaugh, Simon J. (See De Vilbiss, John A., assignor.)						
Harbeck, Jervis R., Detroit, Mich. Block-machine.....	867,361	Oct. 1	209	60	130	1376
Harbeck, Jervis R., Detroit, Mich. Container-top.....	867,500	Oct. 1	412	117	130	1444
Harbeck, Jervis R., assignor to Kemiweld Can Company, Detroit, Mich. Container-top.....	853,547	May 14	2371	494	123	641
Harbeck, Jervis R., assignor to Kemiweld Can Company, Detroit, Mich. Tube-machine.....	862,390	Aug. 6	471	125-7	129	2235
Harbeck, Jervis R., assignor to Kemiweld Can Company, Detroit, Mich. Tube-mandrel.....	869,902	Nov. 5	46	13	131	17
Harber, Thomas W., Golden City, Mo. Wrench.....	840,564	Jan. 8	1584	348	126	449
Harber, Thomas W., Springfield, Mo. Frogless railway-switch.....	841,778	Jan. 22	3987	861	126	1138
Harbert, Curtis, Smetport, Pa. Siphon-skimmer.....	872,232	Nov. 26	4402	1046	131	1103
Harbolzheimer, John, Philadelphia, Pa. Discharge-chute for wagons.....	874,834	Dec. 17	4165	876	131	1901
Harbour, Orange V. L., Fairmount, Ind. Communion-cup.....	870,556	Nov. 12	1075	293	131	380
Harbuck, William H., Anderson, Tex. Fly-trap shed.....	870,360	Nov. 5	791	211	131	258
Hard Manufacturing Company. (See Dyett, James H., assignor.)						
Hardcastle, Harry D., and W. B. Biddle, Atlantic City, N. J. Dress-shield.....	860,915	July 23	4001	1097	129	1416
Harde, Herbert S., New York, N. Y. Index or directory.....	858,340	June 25	5668	1211	128	3235
Hardee, Asberry P., Milton, Fla. Window-sash.....	852,604	May 7	464	86	128	123
Hardgee, Emil C., and H. H. Kennedy, Indianapolis, Ind., assignors to Pope Manufacturing Company, Jersey City, N. J. Motor-vehicle.....	845,080	Feb. 26	4695	996	126	3071
Harden, Frederick E., Atlanta, Ga. Journal-bearing.....	865,245	Sept. 3	731	209	130	220
Harden, Harry, London, assignor of one-half to E. C. Helman, Waverly, Ohio. Cutting implement.....	844,518	Feb. 19	3336	718-19	126	2698
Harden, James H., Anniston, Ala. Ratchet-power.....	856,143	June 4	1334	279	128	2030
Härden, Johannes, Schenectady, N. Y., assignor to General Electric Company. Electric lighting.....	859,292	July 9	1510	404	129	541
Härden, Johannes, assignor to Gröndal Kjelin Company, Limited, London, England. Electric induction-furnace.....	861,031	July 23	4202	1151	129	1479
Harden, Shedrick M., Chicago, Ill. Trap for preventing the burglarizing of iron safes.....	844,934	Feb. 19	4392	939	126	2955
Harden, Thomas. (See Smith and Harden.)						
Harden, William H., assignor of one-half to J. E. Gibson, Quitman, Ga. Trap.....	874,335	Dec. 17	4166	877-8	131	1901
Harder, Pauli, Maspeth, N. Y. Non-refillable bottle.....	871,693	Nov. 19	3215	796	131	894
Hardesty, George N., Berryville, Va. Bottle.....	844,866	Feb. 19	4281	913	126	2929
Hardesty, Thornton S., Riversville, and S. Stewart, Fairmont, W. Va. Recording water-gage.....	848,102	Mar. 26	4819	1051	127	1304
Hardesty, Walter C., Chicago, Ill. Trousers-press.....	859,494	July 9	1814	487	129	641
Hardie, Bradford. (See Glenn, William H., assignor.)						
Hardie, John C., Helena, Mont. Smelting ores.....	874,336	Dec. 17	4170	878	131	1902
Harding, Charles, Forestgrove, assignor to A. Jackman, Lewistown, Mont. Shepherd's crook.....	853,876	May 14	3046	626	128	811
Harding, Charles D., Salt Lake City, Utah. Advertising-machine.....	858,452	July 2	133	35-6	129	45
Harding, Dell, Owego, N. Y. Stovepipe-thimble and flue-stopper.....	857,522	June 18	4034	859	128	2786
Harding, Edward E. (See Mulrony, Marion A., assignor.)						
Harding, Elmon D., Montevideo, Minn. Display-rack.....	851,748	Apr. 30	6103	1276	127	3278
Harding, Fred D. (See Harding, Simon J., assignor.)						
Harding, Henry M., New York, N. Y. Track for telfhers.....	849,388	Apr. 9	1541	312	127	2017
Harding, Joseph W., Brooklyn, N. Y., assignor, by mesne assignments, to Metropolitan Sewing Machine Company. Rotary fan.....	851,660	Apr. 30	5925	1239	127	3232
Harding, Paul, Long Island City, N. Y. Multiple-beading plane.....	848,364	Mar. 26	5317	1159	127	1426
Harding, Samuel B., Waukesha, Wis. Aerial ferry.....	842,457	Jan. 29	5441	1152-3	126	1542
Harding, Simon J., Harrisburg, Pa., assignor to F. D. Harding, West Baldwin, Me. Cake-cutter.....	848,823	Apr. 2	451	89	127	1701
Harding, William H., Philadelphia, Pa. Cement-kiln.....	850,750	Apr. 16	4106	860	127	2708
Hardman, John H., Smithfield, Nebr. Draft-equalizer.....	865,034	Sept. 3	427	113	130	131
Hardman, Mark, Afton, Wyo. Hay-loader.....	852,605	May 7	466	86	128	123
Hardman, Peck & Company. (See Hattemer, Justus, assignor.)						
Hardman, Peck & Company. (See Lundberg and Hattemer, assignors.)						
Hardman, Peter, Willimantic, Conn. Spool.....	843,454	Feb. 5	1207	255	126	2093
Hardman, William H., Edison, Ohio. Fender attachment for cultivators.....	848,741	Apr. 2	242	48	127	1648
Hardsoeg, Martin, Ottumwa, Iowa. Mounting for rock-drills.....	842,654	Jan. 29	5834	1233	126	1635
Hardsoeg, Martin, Ottumwa, Iowa. Pneumatic hammer.....	842,655	Jan. 29	5835	1233	126	1636
Hardsoeg, Martin, Ottumwa, Iowa. Support for pneumatic tools.....	842,656	Jan. 29	5839	1233	126	1636
Hardsoeg, Martin, Ottumwa, Iowa. Pneumatic and other drill.....	868,661	Oct. 22	2296	638	130	2086
Hardsoeg, Martin, Ottumwa, Iowa. Pneumatic hammer.....	873,938	Dec. 17	3321	708	131	1772
Hardwick, Harry, assignor to Ivins, Dietz & Metzger Company, Philadelphia, Pa. Stretching device for carpets and rugs.....	873,743	Dec. 17	2941	623	131	1707
Hardwick, Harry, assignor to Ivins, Dietz & Metzger Company, Philadelphia, Pa. Pile fabric.....	873,744	Dec. 17	2942	624	131	1708
Hardwick, Penton A., Colorado City, Colo. Miner's pan.....	865,178	Sept. 3	628	178	130	191

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Hardwick, Thomas W., <i>et al.</i> (See Matheson, Robert S., assignor.)						
Hardwick, William, assignor to Erie Engine Works, Erie, Pa. Governor.....	849,129	Apr. 2	1056	212	127	1859
Hardy, Charles S., Summit, N. J. Timer.....	865,384	Sept. 10	972	279	130	324
Hardy, Edward K. (See Weida and Hardy.)						
Hardy, Emery E., <i>et al.</i> (See Bennett, Harry, assignor.)						
Hardy, Harry B., Akron, Ohio. Monkey-wrench.....	851,416	Apr. 23	5425	1136	127	3079
Hardy, James F., assignor to Consolidated Dental Manufacturing Company, New York, N. Y. Dental flask-press.....	841,962	Jan. 22	4349	938	126	1227
Hardy, James F., assignor to Consolidated Dental Manufacturing Company, New York, N. Y. Punch.....	846,304	Mar. 5	1160	254	127	293
Hardy, James F., assignor to Consolidated Dental Manufacturing Company, New York, N. Y. Dental engine.....	869,562	Oct. 29	3725	1020	130	2556
Hardy, James F., assignor to Consolidated Dental Manufacturing Company, New York, N. Y. Handpiece for dental engines.....	869,563	Oct. 29	3727	1020	130	2557
Hardy, James F., assignor to Consolidated Dental Manufacturing Company, New York, N. Y. Handpiece for dental engines.....	870,824	Nov. 12	1524	416	131	527
Hardy, James F., assignor to Consolidated Dental Manufacturing Company, New York, N. Y. Angle attachment for dental handpieces.....	870,825	Nov. 12	1525	416	131	528
Hardy, Jesse I., assignor of one-half to P. A. Glanville, St. Louis, Mo. Fire-extinguisher.	853,451	May 14	2175	452	128	591
Hardy, John F., Chicago, Ill. Game apparatus.....	863,845	Aug. 20	2730	752	129	3001
Hardy, Roy E. (See Watt, Frank J., assignor.)						
Hardy, Thomas M., Jr. (See McKeiver, William H., assignor.)						
Hardy, Vernon S., Berkeley, and A. E. Roe, Oakland, assignors to Continental Salt & Chemical Co., San Francisco, Cal. Salt-press.....	861,975	July 30	5666	1572	129	1973
Hardy, Wallace L., Joliet, Ill. Animal-trap.....	860,209	July 16	2912	796	129	1026
Hare, Henry H. (See Hare, William W. and H. H.)						
Hare, John D., McCook, Neb. Sled-brake.....	870,361	Nov. 5	793	212	131	259
Hare, John E., Chicago, Ill. Flash-light apparatus.....	874,403	Dec. 24	4309	907	131	1957
Hare, William, Galesburg, Ill. Dental articulator.....	874,189	Dec. 17	3871	816	131	1853
Hare, William W. and H. H., Noblesville, assignors of one-third to A. Garver, Otisco, Ind. Mower.....	856,697	June 11	2477	510	128	2354
Harford, Albert K., Oakland, Cal. Hammer.....	865,889	Sept. 10	1774	493	130	586
Harist, Henry F., Meta, Mo. Gate-latch.....	865,385	Sept. 10	975	279	130	325
Harist, Henry F., and R. B. Prater, Meta, Mo. Machine for soldering caps on cans....	857,801	June 25	4599	974-5	128	2960
Harger & Blish. (See Blish and Silzer, assignors.)						
Hargis, Paul C., St. Louis, Mo. Wire fence.....	867,037	Sept. 24	3507	995	130	1194
Hargreaves, Frank L., North Adams, Mass. Ventilator.....	840,321	Jan. 1	1069	233	126	285
Harhager, Frank J. (See Wallace and Harhager.)						
Harhay, Joseph W., assignor of one-half to C. H. Herrick, Cleveland, Ohio. Mail-bag delivery.....	866,274	Sept. 17	2360	656	130	800
Harig, Joseph B., Baltimore, Md. Fish-hook spreader and suspender.....	872,934	Dec. 3	1278	273	131	1369
Harker, Irving G., Dodgeville, Wis. Stubble-turner.....	849,995	Apr. 9	2656	556	127	2298
Harker, John E., Milford, Iowa. Sight for firearms.....	871,933	Nov. 26	3742	911	131	1004
Harkin, Harry E., New York, N. Y., assignor of one-third to E. N. Dickerson, Stovall, N. C. Flexible file.....	863,389	Aug. 13	2054	555	129	2758
Harkins, Charles J., Buffalo, N. Y. Gage-cock.....	851,235	Apr. 23	5054	1063	127	2985
Harkins, Francis W., Chicago, Ill. Fire-escape.....	870,777	Nov. 12	1447	392	131	502
Harkness, Adam, East Newark, N. J. Valve.....	840,058	Jan. 1	532	116	126	142
Harkness, Charles, Providence, R. I., assignor, by mesne assignments, to Harkness Trolley System Company. Trolley-guard.....	864,422	Aug. 27	3592	998	129	3294
Harkness, Charles, Providence, R. I., assignor, by mesne assignments, to Harkness Trolley System Company. Trolley-wheel guard.....	868,780	Oct. 22	2487	686	130	2145
Harkness, Lancelot A. (See Bremken, Charles W., assignor.)						
Harkness Trolley System Company. (See Harkness, Charles, assignor.)						
Harkness, William E., assignor to Western Electric Company, Chicago, Ill. Alarm-fuse.	850,365	Apr. 16	3362	702	127	2521
Harlan, Martin C., Stuart, Iowa. Secret-code apparatus.....	847,767	Mar. 19	4120	900	127	1096
Harlan, Martin C., South Pasadena, Cal. Insect-trap.....	868,180	Oct. 15	1496	423	130	1812
Harleman, John, assignor, by mesne assignments, of one-half to F. Griffith, Kansas City, Mo. Crude-oil burner.....	840,059	Jan. 1	538	116	126	143
Harley, Frederick L., Quakertown, Pa. Apparatus for repairing pneumatic tires.....	852,326	Apr. 30	7256	1525	127	3570
Harley, Robert. (See Graesser, Franz, assignor.)						
Harloe, Morton, Hawley, Pa. Cooking utensil.....	869,903	Nov. 5	47	14	131	17
Harlow, George H., Hudson, assignor to Harlow Shoe Finishing Machinery Company, Boston, Mass. Apparatus for applying wax to boots and shoes and the like.....	868,923	Oct. 22	2705	746	130	2211
Harlow, Hester M., <i>et al.</i> (See McCord, James, assignor.)						
Harlow Shoe Finishing Machinery Company. (See Harlow, George H., assignor.)						
Harman, Azy H., assignor to Haines, Jones & Cadbury Company, Philadelphia, Pa. Flush-tank.....	872,935	Dec. 3	1280	273	131	1369
Harman and Derichs. (See Harman, Gustav, assignor.)						
Harman, Gustav, assignor to Harman and Derichs, Holyoke, Mass. Grate-supporting structure for sidewalks.....	867,130	Sept. 24	3644	1035	130	1234
Harman, William A., White Horse, Alaska. Cutting-board.....	844,592	Feb. 19	3732	785	126	2789
Harmer, Frederick H., assignor to Allis-Chalmers Company, Milwaukee, Wis. Valve.....	844,307	Feb. 12	2897	615-16	126	2551
Harmer, James C., Kingston, Ontario, Canada. Device for removing frost, steam, &c., from windows.....	840,769	Jan. 8	1969	435	126	546
Harmer, John, Toronto, Ontario, Canada. Railway-switch.....	854,944	May 28	5178	1078	128	1422
Harmison, Calvin P., Rice Lake, Wis. Milk-can.....	847,473	Mar. 19	3512	769	127	945
Harmison, Calvin P., Rice Lake, Wis. Beehive.....	851,882	Apr. 30	6377	1330-1	127	3350
Harmon, Edward W., assignor of one-third to W. C. Pinnell, Kansas, Ill. Combined dumping platform and elevator.....	857,936	June 25	4857	1028	128	3023
Harmon, Eugene W., Blaine, Me. Wagon.....	847,067	Mar. 12	2708	596	127	715
Harmon, Eva E., Denver, Colo. Dress-shield.....	859,657	July 9	2076	560	129	725
Harmon, James E. (See Aiken and Harmon.)						
Harmon, John W., Creston, Iowa. Detachable harrow-cart.....	846,201	Mar. 5	975	208	127	248
Harmon, Willard, <i>et al.</i> (See Neal, Harry W., assignor.)						
Harmon, William C., Seneca, Mo. Grain cleaner and separator.....	867,880	Oct. 8	1004	256-7	130	1640
Harmon, William E., and T. B. Goodpasture, Houston, Tex. Oil-can.....	857,056	June 18	3145	662	128	2564
Harmon, Willis E. (See Nungesser and Harmon.)						
Harmon, Willis E., assignor to Nungesser Electric Battery Co., Cleveland, Ohio. Can-bottoming machine.....	853,239	May 14	1755	365-6	128	477
Harns, Albert J., Victoria, Ill. Support for railway-rails.....	858,388	July 2	37	11	129	14
Harns, Albert J., Victoria, Ill. Support for railway-rails.....	867,362	Oct. 1	210	60	130	1377
Harns, Albert J., Victoria, Ill. Support for railway-rails.....	867,363	Oct. 1	211	61	130	1377
Harden, Enos S. (See Hailman and Harden.)						
Harner, Thomas E., St. Louis, Mo. Gate-latch.....	849,680	Apr. 9	2097	431	127	2157
Harness, Henry C., New Rochelle, N. Y. Clothes-line reel.....	859,812	July 9	2293	624	129	796

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Harnischfeger, August A., New York, N. Y. Suspension-clamp for bacon.....	852,951	May 7	1191	245	128	303
Harpain, John J., U. S. Navy. Apparatus for transporting and launching boats.....	850,643	Apr. 16	3915	817	127	2662
Harpain, John J., U. S. Navy. Submarine boat.....	850,831	Apr. 16	4256	894	127	2746
Harper, Charles C., Elmira, N. Y., and J. Harper, Duncannon, Pa. Block system.....	855,571	June 4	236	47	128	1756
Harper, Charles E., assignor to M. Harper & Son, Whitby, Ontario, Canada. Feed-roll for wood-planing machines.....	854,642	May 21	4538	947	128	1228
Harper, Edward L., Topeka, Kans. Gate.....	865,386	Sept. 10	976	280	130	325
Harper, Frank, Jackson, Ohio. Cooking-stove.....	856,581	June 11	2258	464	128	2299
Harper, Frank, Jackson, Ohio. Valve mechanism.....	856,582	June 11	2260	465	128	2300
Harper, George E., Myra, Tex. Stalk-cutter.....	862,473	Aug. 6	624	167	129	2283
Harper, Hind T., Footville, Wis. Fence.....	842,197	Jan. 29	4851	1035	126	1383
Harper, James M., assignor to Harper Supply Co., Chicago, Ill. Sad-iron.....	864,734	Aug. 27	4126	1145	129	3460
Harper, James M., assignor to Harper Supply Co., Chicago, Ill. Sad-iron.....	864,735	Aug. 27	4127	1146	129	3461
Harper, John. (See Harper, Charles C. and J.)						
Harper, John D., New York, assignor to C. W. Anderson, Brooklyn, N. Y. Hod-elevator.....	842,657	Jan. 29	5841	1234	126	1637
Harper, John D., New York, N. Y., assignor to Harper Optical Company. Eyeglasses and spectacles.....	843,531	Feb. 5	1391	293	126	2141
Harper, John H. (See Harper, William L. and J. H.)						
Harper, Lewis G., West Chester, Pa. Milking device.....	843,532	Feb. 5	1393	294	126	2141
Harper Optical Company. (See Harper, John D., assignor.)						
Harper Railway Tie Company. (See Harper, Samuel S., assignor.)						
Harper, Robert J., Chicago, Ill. Metallic packing.....	862,248	Aug. 6	225	62	129	2152
Harper, Samuel S., Philadelphia, Pa., assignor to Harper Railway Tie Company. Railway-tie.....	869,178	Oct. 22	3083	850	130	2330
Harper & Son, Major. (See Harper, Charles E., assignor.)						
Harper Supply Co. (See Harper, James M., assignor.)						
Harper, William L. and J. H., Harpersville, Tex. Water elevating and discharge apparatus.....	864,736	Aug. 27	4128	1146	129	3461
Harper, William T., Flagstaff, Ariz. Ter. Non-refillable bottle.....	861,589	July 30	5079	1394	129	1797
Harpham, George E. (See Ferguson, Robert B., assignor.)						
Harpold, Otto, Rosedale, Ind. Railway-switch.....	872,178	Nov. 26	4281	1023	131	1086
Harpster, Harvard O. (See Anderson and Harpster.)						
Harrah, Philip J., Bloomfield, Ind. Fence-post.....	846,202	Mar. 5	977	208	127	248
Harrah, Philip J., Bloomfield, Ind. Machine for forming metallic fence-posts.....	856,864	June 11	2775	577-8	128	2429
Harreld, Benjamin E., Eldon, Iowa. Sawing-machine.....	841,516	Jan. 15	3465	746-7	126	973
Harrell, Sarah W., Amite, La. Preserving and canning device.....	869,564	Oct. 29	3728	1020	130	2557
Harrell, William D. (See Todd, Harrell, and Todd.)						
Harrell, William D., and J. E. McNow, Lagro, Ind. Bundler and binder.....	870,362	Nov. 5	795	212	131	260
Harrelson, William H. (See Darst and Harrelson.)						
Harrigan, John F., Boston, Mass. Siphon.....	848,365	Mar. 26	5318	1159	127	1427
Harrigan, Patrick J., McKeesport, Pa. Journal-box.....	856,059	June 4	1168	246	128	1988
Harrild, Henry, Spokane, Wash. Kitchen-cabinet.....	861,114	July 23	4317	1185	129	1519
Harriman, Edward H. (See McKeen, William R., Jr., assignor.)						
Harriman, Frank B., et al. (See Nichols, Henry D., assignor.)						
Harriman, Henry L., Hyde Park, Mass. Weft-replenishing loom.....	870,509	Nov. 5	1000	272-3	131	323
Harriman, John E., Jr., Brookline, Mass. Rotary engine.....	865,967	Sept. 10	1893	530	130	621
Harrington, Abner C. (See Herndon, Joseph J., assignor.)						
Harrington, Albert H. (See Harrington, James W., assignor.)						
Harrington, Alfred, assignor to W. Spiers, Leicester, England. Edge setting or burnishing machine.....	874,360	Dec. 17	4209	886-7	131	1909
Harrington, Anthony, Custer, Ky. Weighing apparatus.....	855,887	June 4	862	178	128	1911
Harrington, Charles D., Southbridge, Mass., assignor to Harrington Cutlery Company. Knife-handle.....	857,400	June 18	3796	805	128	2727
Harrington, Clement G., Maplewood, Mo., assignor to Wolff Truck Frame Company, Augusta, Me. Car-truck.....	857,937	June 25	4859	1028	128	3023
Harrington, Clifford, New York, and P. M. Thorne, Westchester, N. Y. Ice-cracker.....	863,390	Aug. 13	2055	555	129	2758
Harrington Cutlery Company. (See Harrington, Charles D., assignor.)						
Harrington, Daniel. (See Chamberlin and Harrington.)						
Harrington, David, Worcester, Mass., assignor, by mesne assignments, to Harrington Ring & Traveller Company. Spinning-ring.....	868,924	Oct. 22	2706	746	130	2212
Harrington, Frank S., assignor to W. H. Coldwell and J. W. Bentley, Newburgh, N. Y. Pick.....	845,233	Feb. 26	4996	1062	126	3150
Harrington, James W., assignor of one-half to A. H. Harrington, Boston, Mass. Pick.....	859,811	July 9	2292	623	129	796
Harrington, John H., Freeport, Mich. Attachment to vapor stoves.....	859,659	July 9	2078	561	129	726
Harrington, John H., New Bedford, Mass. Wheel.....	861,976	July 30	5047	1573	129	1974
Harrington, John M., Edgerton Junction, Mo. Railway-gate.....	844,721	Feb. 19	3996	851	126	2854
Harrington, Norman T., assignor to Olds Motor Works, Detroit, Mich. Starting device for explosion-engines.....	852,557	May 7	354	63-4	128	96
Harrington & Richardson Arms Co. (See Metcalf, George E., assignor.)						
Harrington Ring & Traveller Company. (See Harrington, David, assignor.)						
Harrington, Robert J., Dalton, Mass. Attachment for spinning-mules.....	865,890	Sept. 10	1776	493-4	130	586
Harrington, Robert J., Dalton, Mass. Attachment for spinning-mules.....	875,655	Dec. 31	6913	1440-1	131	2387
Harrington, Thomas M. (See Gebhardt, Friedrich, assignor.)						
Harris, Adolphus H., Birmingham, Ala. Lock.....	868,556	Oct. 15	2106	589	130	2000
Harris, Albert M., South Bend, Ind. Spark-arrester.....	841,393	Jan. 15	3231	696	126	910
Harris, Albert M., South Bend, Ind. Belt-support.....	843,014	Feb. 5	355	77	126	1881
Harris, Alfred D., Caldwell, Kans. Harrow.....	847,068	Mar. 12	2709	597	127	715
Harris, Alfred F., Warren, assignor to Harris Automatic Press Company, Niles, Ohio. Feeding mechanism for printing-presses.....	844,935	Feb. 19	4393	939	126	2955
Harris, Alfred F., Warren, assignor to Harris Automatic Press Company, Niles, Ohio. Feeding and delivery mechanism for printing-presses.....	862,330	Aug. 6	366	101	129	2198
Harris, Ambos M. (See Krieger, Andrew, assignor.)						
Harris, Andrew F., et al. (See Patton, Oliver C., assignor.)						
Harris Automatic Press Company. (See Harris, Alfred F., assignor.)						
Harris Automatic Press Company. (See Harris, Charles G., assignor.)						
Harris, Benjamin S. H. (See Harris, William A. and B. S. H.)						
Harris, Burr L., Los Angeles, Cal. Carter-clasp.....	858,980	July 2	1051	277	129	358
Harris Caloric Company. (See Harris, John, assignor.)						
Harris, Carl C., Orange, Mass. Tool-post.....	871,798	Nov. 26	3437	844	131	958
Harris, Charles G., assignor to Harris Automatic Press Company, Niles, Ohio. Printing press.....	862,249	Aug. 6	226	62	129	2152
Harris, Charles H., Sayre, Okla. Ter. Copy-holder.....	867,128	Sept. 24	3641	1035	130	1233
Harris, Charles J., Bridgeport, Conn. Vehicle construction.....	870,287	Nov. 5	647	174	131	211
Harris, Charles R., Los Angeles, Cal. Rectal dilator.....	844,450	Feb. 19	3187	688	126	2662

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Harris, Clifford B. (See Snapp, William A., assignor.)						
Harris & Cole Bros. (See Harris, Bremer, and Rasmussen, assignors.)						
Harris, De La F., Florence, S. C., assignor of one-half to W. T. Harris, Virgilina, and L. T. Harvey, Farmville, Va. Sewing-machine attachment.	862,392	Aug. 6	477	128	129	2237
Harris, Earnest B., Mount Olive, Ill. Fence-post.	840,622	Jan. 8	1692	371	126	477
Harris, Edward, assignor of two-thirds to A. Leet, McAlester, and W. R. Belt, Wapnucka, Ind. Ter. Curtain raiser and controller.	856,144	June 4	1335	279-80	128	2030
Harris, Eli P. (See Kinney and Harris.)						
Harris, Ella D., New York, N. Y. Sewing-machine attachment.	858,176	June 25	5371	1142	128	3154
Harris, Elmer W., W. Bremer, and N. Rasmussen, assignors to Harris & Cole Bros. Inc., Cedar Falls, Iowa. Ironing-board.	846,105	Mar. 5	794	166	127	203
Harris, Evert M., and C. J. Le Valley, Sheffield, Iowa. Corn harvester and husker.	864,301	Aug. 27	3416	950	129	3238
Harris, Ford W., Wilkensburg, Pa. Mine-haul.	865,303	Sept. 3	828	239	130	251
Harris, Ford W., Wilkensburg, Pa. Power yielding and receiving means.	865,338	Sept. 3	890	255-6	130	269
Harris, Fred R., assignor to American Tobacco Company, New York, N. Y. Printing and bronzing machine.	841,685	Jan. 22	3795	825-6	126	1088
Harris, Fred R., assignor to American Tobacco Company, New York, N. Y. Box-making machine.	846,410	Mar. 5	1376	302-6	127	349
Harris, Frederick P., Cleveland, Ohio. Fastener for loose sheets.	857,238	June 18	3491	737	128	2650
Harris, Fremont R., Kenmare, N. D. Incubator-alarm.	840,623	Jan. 8	1694	372	126	478
Harris, George J. (See Sullivan and Harris.)						
Harris, Gilbert J., Athol, Mass. Chisel.	841,517	Jan. 15	3467	747	126	973
Harris, Harry W., Brockley, England. Time-controlled gas-cock.	869,081	Oct. 22	2946	811-12	130	2287
Harris, Harvey D., Denver, Colo. Sash-ventilator.	852,717	May 7	692	134	128	181
Harris, Haston S. and M. D., Pattonsville, Va. Wire-stretcher.	849,234	Apr. 2	1242	252	127	1906
Harris, Herman R. (See Harris, Robert C. and H. R.)						
Harris, Isabel F. (See Brown, Frederick M., assignor.)						
Harris, James R., Oxford, Ohio. Mail-delivery apparatus.	844,125	Feb. 12	2499	537	126	2450
Harris, James W., Wheeling, W. Va. Puzzle.	859,767	July 9	2228	606	129	776
Harris, James W., Ashland, Ohio. Door-hanger.	873,230	Dec. 10	1907	400	131	1501
Harris, Job, New Providence, Iowa. Water-tank heater.	845,636	Feb. 26	5788	1223	1-6	3345
Harris, John, assignor to Harris Calorific Company, Cleveland, Ohio. Acetylene-blowpipe.	853,634	May 14	2553	529	128	688
Harris, John C. (See Litchfield and Harris.)						
Harris, John E., Danville, Vt. Mail-pouch.	867,501	Oct. 1	413	117	1-0	1444
Harris, John T., New York, N. Y. Electrolytic process of purifying liquids.	857,277	June 18	3568	755	128	2670
Harris, John W., <i>et al.</i> (See Reese, Henry D., assignor.)						
Harris, Joseph B., Branson, Mo. Fishing-tackle.	843,748	Feb. 12	1802	384	126	2279
Harris, Joseph G., and T. P. Mattimore, Toledo, Ohio. Automatic stop-valve.	875,347	Dec. 31	6213	1295	131	2286
Harris, Joseph T., Bloomingdale, Fla. Mattress-making machine.	865,100	Sept. 3	522	144	130	153
Harris, Joseph W. (See Désy, Louis A., assignor.)						
Harris, Lewis W., and W. M. Parker, Richmond, Ind. Body-catch for caskets or the like.	874,502	Dec. 24	4499	946	131	1988
Harris, Louie J., New York, N. Y. Railway-car.	846,846	Mar. 12	2277	499-500	127	610
Harris, Louie J., New York, N. Y. Railway-car.	846,847	Mar. 12	2279	500-2	127	611
Harris, Louie J., New York, N. Y. Runway or guide.	852,115	Apr. 30	6883	1437-8	127	3476
Harris, Louis G., Canning, Nova Scotia, Canada. Gas-producing composition.	858,512	July 2	260		129	93
Harris, Louis H., <i>et al.</i> (See Brackstone, Samuel, assignor.)						
Harris Manufacturing Company. (See Harris, William A. and B. S. H., assignors.)						
Harris, Marma D. (See Harris, Haston S. and M. D.)						
Harris, Marshall C., <i>et al.</i> (See Matthews, Francis I., assignor.)						
Harris, Marvin L., Newport News, Va. Door-check.	847,285	Mar. 12	3114	686	127	816
Harris, Marvin L., Newport News, Va. Door-check.	856,865	June 11	2777	578	128	2429
Harris, Myron L., Bazaar, Kans. Clod-fender.	850,574	Apr. 16	3763	786	127	2624
Harris, Neville E., Port Huron, Mich. Air-cooled engine.	804,534	Aug. 27	3812	1057	129	3365
Harris, Richard C., Roselle, N. J. Fabric-tester.	850,832	Apr. 16	4258	894	127	2747
Harris, Robert C., deceased, H. B. McCoy, administrator, and H. R. Harris, Oskaloosa, Iowa. Four-horse event.	865,696	Sept. 10	1465	414	130	477
Harris, Samuel J., Randolph, Mass., assignor of one-half to G. G. Walton, Chattanooga, Tenn. Waxing and polishing device for flat-irons.	863,989	Aug. 20	2941	809	129	3064
Harris, Theodore, <i>et al.</i> (See Jones, Alva D., assignor.)						
Harris, Thomas H., Fredericksburg, Va., assignor of one-half to T. C. Coleman, Washington, D. C. Cash-register.	851,515	Apr. 23	5690	1175	127	3122
Harris, Varian M., Chicago, Ill. Manufacture of cylindrical phonograph record-blanks.	854,886	May 28	5084	1057	128	1397
Harris, Varian M., Chicago, Ill. Molding phonograph-records.	854,887	May 28	5085	1057	128	1398
Harris, Varian M., assignor of one-fifth to R. Burns, Chicago, Ill. Apparatus for duplicating phonograph-records.	846,411	Mar. 5	1389	306	127	353
Harris, Warner S. G., San Luis Obispo, Cal. Automatic safety device for boilers.	850,751	Apr. 16	4108	860	127	2708
Harris, Warren B., Millbury, Mass. Shuttle-check for looms.	841,863	Jan. 22	4173	898	126	1187
Harris, William A., Greenville, S. C. Hoing-machine.	873,543	Dec. 10	2537	535-6	131	1607
Harris, William A. and B. S. H., assignors of one-half to J. C. Fitzgerald and J. P. Carlisle, Greenville, S. C. Pneumatic water-lift.	844,936	Feb. 19	4394	939	126	2956
Harris, William A. and B. S. H., assignors to Harris Manufacturing Company, Greenville, S. C. Combined train-signal and indicating apparatus.	846,305	Mar. 5	1162	254-5	127	294
Harris, William A. and B. S. H., assignors to Harris Manufacturing Company, Greenville, S. C. Combined train signal and indicating apparatus.	846,306	Mar. 5	1164	255	127	294
Harris, William F., South Bend, Ind. Self-locking seal.	848,462	Mar. 26	5504	1199	127	1475
Harris, William F., Detroit, Mich. Self-locking seal.	853,240	May 14	1757	366	128	477
Harris, William H., Stark, Mont. Automatic railway-signal.	867,364	Oct. 1	212	61	130	1377
Harris, William T., <i>et al.</i> (See Harris, De La F., assignor.)						
Harris, William W., Spartanburg, S. C. Combined planter and fertilizer-distributor.	872,814	Dec. 3	1034	217-18	131	1331
Harris, Winfred W., Winthrop, assignor to E. M. Wilson, Chelsea, Mass. Machine for weaving tubing.	874,678	Dec. 24	4859	1020-2	131	2046
Harrison, Aaron E., New York, N. Y., and C. M. Haslett, Jersey City, N. J. Telephone-magnet.	845,546	Feb. 26	5616	1189	126	3303
Harrison, Albert W., Baltimore, Md. Mounting-block for printing-plates.	842,198	Jan. 29	4852	1035	126	1383
Harrison, Arthur E., Dandridge, Tenn. Vending apparatus.	842,783	Jan. 29	6133	1294	126	1708
Harrison, Charles. (See Farley, Michael H., assignor.)						
Harrison, Charles, New York, N. Y., assignor to S. F. Hayward & Company. Life-net.	871,870	Nov. 26	3615	883	131	984
Harrison, Charles W. (See Tunison, Murray C., assignor.)						
Harrison, Clark W. (See Haight, Thorne S., assignor.)						
Harrison, Dora, Lansing, Mich. Combined bust-form and arm-pad.	861,115	July 23	4318	1185	129	1520
Harrison, Edgar, Los Angeles, Cal. Mouthpiece for wind musical instruments.	862,819	Aug. 6	1184	319	129	2445
Harrison, Elmer, Philadelphia, Pa. Rack for grain-shocks and the like.	868,433	Oct. 15	1918	536	130	1939
Harrison, Frank A., Sackville, New Brunswick, Canada. Type-carrying belt for addressing-machines.	870,778	Nov. 12	1449	392	131	503

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Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
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Harrison, Frank B. (See Williams and Harrison.)						
Harrison, Frank B., Toledo, Ohio. Cellar for axle-boxes.	870,953	Nov. 12	1735	475	131	593
Harrison, Frank B., and L. Y. Williams, Toledo, Ohio. Lubricating device for car-axle journals.	839,840	Jan. 1	69	17	126	20
Harrison, Frank B., and L. Y. Williams, Toledo, Ohio. Journal-box lubricator.	860,131	July 16	2793	762	129	988
Harrison, Frank G., assignor to W. R. Harrison, Massillon, Ohio. Fodder-cutter.	860,916	July 23	4002	1097-8	129	1416
Harrison, Frank Y., Detroit, Mich. Steering-gear.	845,949	Mar. 5	455	94	127	117
Harrison, Frederick W. (See Blakely, Thomas A., assignor.)						
Harrison, Harry W. (See McLain and Harrison.)						
Harrison, Henry W., Clinton, Iowa. Mirror-support.	842,313	Jan. 29	5084	1083-4	126	1441
Harrison, Herbert C., London, and J. Day, Weston-super-Mare, England; said Day assignor to said Harrison. Apparatus for electrolytic deposition of metals.	858,341	June 25	5670	1211-12	128	3236
Harrison, James M., New York, N. Y. Thermostat.	865,304	Sept. 3	831	239	130	252
Harrison, James R., Peoria, Ill. Vehicle-weigher.	864,093	Aug. 20	3093	855	129	3110
Harrison, James R., Peoria, Ill. Vehicle-weigher.	871,403	Nov. 19	2641	675-6	131	801
Harrison, John F., assignor to Allis-Chalmers Company, Milwaukee, Wis. Friction-clutch.	867,502	Oct. 1	414	118	130	1444
Harrison, John L. (See Walker, Richard W., assignor.)						
Harrison, John L., Montreal, Quebec, Canada. Attachment for window-shade rollers.	870,625	Nov. 12	1196	323	131	425
Harrison, Leonard, Wellsboro, Pa. Saw.	858,652	July 2	519	133	129	180
Harrison, Martin E., Parnassus, Pa. Wrought-metal pole-arm.	857,938	June 25	4861	1028-9	128	3024
Harrison, Martin E., Parnassus, Pa. Wrought-metal pole-arm.	860,864	July 23	3918	1074	129	1389
Harrison, Nathan C., Boston, Mass. Stone cutting and polishing wheel.	863,172	Aug. 13	1731	465	129	2655
Harrison, Samuel A., New York, N. Y. Sorting-desk.	868,434	Oct. 15	1919	537	130	1939
Harrison, William A., New York, N. Y. Advertising-vehicle.	862,904	Aug. 13	1308	356	129	2519
Harrison, William F. (See Worth and Harrison.)						
Harrison, Williamson R. (See Harrison, Frank G., assignor.)						
Harris, Jefferson D., Travilah, assignor of two-thirds to E. H. Darby, Seneca, H. A. Waters and C. F. Hogan, Travilah, Md. Non-refillable bottle.	862,393	Aug. 6	478	128	129	2237
Harold, Amos, Newark, Ohio. Gear for traction-engines.	850,644	Apr. 16	3921	817-18	127	2664
Harold, Amos, assignor to Aultman & Taylor Mach. Company, Mansfield, Ohio. Guide for saws.	848,548	Mar. 26	5648	1237	127	1510
Harold, Amos, assignor to Aultman & Taylor Machinery Company, Mansfield, Ohio. Cable-feed mechanism for sawmills.	868,087	Oct. 15	1374	384-5	130	1775
Harroun, Ray W., Chicago, Ill. Automobile-bumper.	873,544	Dec. 10	2541	536	131	1607
Harry & Co., Aublet. (See Brittain, John W., assignor.)						
Harry, Owen K., St. Louis, Mo. Truck or tank.	858,177	June 25	5374	1142-3	128	3155
Harry, Robert H. (See Golledge and Harry.)						
Harryman, Alfred P. (See Harryman, Thomas G. and A. P.)						
Harryman, Thomas G. and A. P., Box, Okla. Ter. Wrench.	870,097	Nov. 5	341	96	131	113
Harsh, Samuel E., Wabash, Ind. Trace-holder.	864,302	Aug. 27	3419	951	129	3239
Harshbarger, Elmer B., Bellefontaine, Ohio. Cooling device for engines.	857,620	June 25	4237	895	128	2868
Hart, Albert B., assignor, by mesne assignments, to American Serial Lock Company, Hartford, Conn. Mail-collector.	846,564	Mar. 12	1707	377	127	463
Hart, Albert V., Rochester, N. Y. Variable-speed transmission mechanism.	843,205	Feb. 5	756	155-7	126	1985
Hart, Alvin L., Burlington, Iowa. Perforating-machine.	854,822	May 28	4929	1024	128	1357
Hart, Archiebald, assignor of one-half to W. J. Fox, Glen Head, N. Y. Vehicle-hub.	873,428	Dec. 10	2310	483	131	1566
Hart, Benjamin F., Jr., Hoboken, N. J. Automobile life-guard or fender.	854,162	May 21	3653	755	128	1002
Hart, Frank H. (See Costello and Hart.)						
Hart, Frank R., Suisun City, Cal. Clinical-thermometer case.	860,088	July 16	2738	747	129	969
Hart, Fred L. (See Hart, Henry D. and F. L.)						
Hart, Fred V. (See Winkley and Hart.)						
Hart, Frederick, Poughkeepsie, N. Y. Vending-machine.	872,653	Dec. 3	697	146-7	131	1278
Hart, Frederick, Poughkeepsie, N. Y., assignor to L. D. Sweet, trustee, Denver, Colo. Pneumatic drill.	862,905	Aug. 13	1310	356-8	129	2519
Hart, George F. (See Coates and Hart.)						
Hart, Gerald W., assignor to Hart Manufacturing Co., Hartford, Conn. Electric switch.	848,028	Mar. 26	4699	1024	127	1274
Hart, Gerald W., West Hartford, assignor to Hart Manufacturing Company, Hartford, Conn. Automatic circuit-breaker.	874,190	Dec. 17	3872	816-17	131	1853
Hart, Harry. (See Gordon and Hart.)						
Hart, Harry S. (See Otis and Hart.)						
Hart, Harry S., Chicago, Ill. Car-truck.	865,492	Sept. 10	1146	325	130	378
Hart, Harry S., Chicago, Ill. Car-truck.	865,493	Sept. 10	1147	325-6	130	378
Hart, Harry S., Chicago, Ill. Car-truck.	866,028	Sept. 17	1999	557	130	635
Hart, Harry U., Le Havre, France, assignor to Westinghouse Electric & Manufacturing Company. Controller for electric motors.	844,352	Feb. 19	3000	641-2	126	2616
Hart, Henry D. and F. L., West Mineral, Kans. Stovepipe.	842,458	Jan. 29	5446	1153	126	1544
Hart, Henry G., Mount Vernon, N. Y. Massage implement.	872,126	Nov. 26	4181	999	131	1069
Hart, Herbert H., Chicago, Ill. Tie-plate.	851,383	Apr. 30	6379	1331	127	3351
Hart, Isaac, Findlay, Ohio. Gate.	861,513	July 30	4958	1362	129	1758
Hart, James, Washington, Pa. Tire-repairing apparatus.	841,518	Jan. 15	3468	748	126	974
Hart, James, assignor of one-half to E. Garnier, New Orleans, La. Safety-elevator.	840,936	Jan. 8	2307	507	126	629
Hart, James E., Edgefield, S. C. Means for storing and dispensing sheet fabric.	845,950	Mar. 5	456	95	127	117
Hart, Joel T., Independence, Mo. Adjustable chair.	847,332	Mar. 19	3216	708	127	869
Hart, John B., et al. (See McLane, Joseph A., assignor.)						
Hart Manufacturing Company. (See Hart, Gerald W., assignor.)						
Hart Manufacturing Company. (See Leppert, Henry E., assignor.)						
Hart, Miller H., Marietta, Ohio. Holder.	857,998	June 25	5022	1060	128	3067
Hart, Miller H., Marietta, Ohio. Receptacle-holder.	866,463	Sept. 17	2632	735	130	887
Hart, Robert A., West Liberty borough, Pa. Support for punching-bags.	868,557	Oct. 15	2107	589	130	2000
Hart, Thomas F., Munice, Ind., assignor to Window Glass Machine Company, Pittsburg, Pa. Drawing hollow glass articles.	841,011	Jan. 8	2440	533	126	662
Hart, Walter V., Maywood, and F. J. Novak, Chicago, Ill. Hand-hole for pneumatic-tube systems.	856,145	June 4	1338	280	128	2031
Hart, William, Kirksville, Mo. Sound-reproducer for graphophones.	867,821	Oct. 8	910	259	130	1611
Hart, William H., Jr., Philadelphia, Pa. Article of neckwear.	844,795	Feb. 19	4148	884	126	2896
Hart, William L., West Liberty, Ill. Portable mold.	856,866	June 11	2778	578-9	128	2430
Hart, William L., and F. J. Daniels; said Hart assignor to C. C. Daniels, Olney, Ill. Mold.	867,129	Sept. 24	3642	1035	130	1233
Hartenstein, Herman L., Constantine, Mich. Utilizing marl, making carbide.	844,018	Feb. 12	2309	.....	126	2404
Harter, Augustus F., assignor to Cribben & Sexton Company, Chicago, Ill. Fire-box for cooking-stoves.	864,737	Aug. 27	4129	1146	129	3461
Harter, Clarence J., Ilion, N. Y. Contact device.	866,646	Sept. 24	2906	818	130	1000
Harter, Clarence J., Ilion, assignor of one-half to E. I. Harter, Herkimer, and M. E. Platts, Ilion, N. Y. Station-indicator.	844,593	Feb. 19	3734	785-7	126	2789
Harter, Ernst I., et al. (See Harter, Clarence J., assignor.)						
Harter, Gustav A., Chicago, Ill. Cluster-socket.	854,493	May 21	4267	882-3	128	1161

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Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
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Harter, Noah S., Waukegan, Ill., assignor to American Steel & Wire Company, Worcester, Mass. Electric clutch.	870,166	Nov. 5	448	123-4	131	147
Harter, Noah S., Waukegan, assignor to American Steel & Wire Company, Chicago, Ill. Wire-straightener.	872,346	Dec. 3	57	11	131	1177
Harter, Noah S., Waukegan, assignor to American Steel & Wire Company, Chicago, Ill. Making coil-springs.	873,429	Dec. 10	2311	483	131	1569
Harter, Noah S., Waukegan, assignor to American Steel & Wire Company, Chicago, Ill. Means for cutting coil-springs.	873,430	Dec. 10	2312	484	131	1569
Hartford Automobile Parts Co. (See Bogart, Fred H., assignor.)						
Hartford Carpet Corporation. (See Lyford, William E., assignor.)						
Hartford, Edward V., New York, N. Y. Carbureter for internal-combustion engines.	868,265	Oct. 15	1636	462	130	1857
Hartford, Peter B., New York, N. Y. Grate.	860,210	July 16	2914	796	129	1027
Hartford, Peter B., New York, N. Y. Grate.	860,211	July 16	2915	797	129	1027
Hartford Rubber Works Company. (See Midgley, Thomas, assignor.)						
Hartigan, Joseph, assignor of one-fourth to J. P. Keller, Mount Pleasant, Pa. Pipe-wrench.	852,327	Apr. 30	7257	1525	127	3570
Hartin, Richard B., McCrory, Ark. Wire-stretcher.	855,632	June 4	360	75	128	1786
Harting, Clayton C. (See Knapp and Harting.)						
Hartje, Fredrick, St. Thomas, N. D. Automobile sleigh.	867,503	Oct. 1	415	118	130	1444
Hartle, Edda G., Columbus, Ohio. Axle.	854,212	May 21	3754	777	128	1030
Hartley, Charles, Fort Lee, N. J., and K. Kautsky, New York, N. Y. Lubricator for elevator-guides.	860,375	July 16	3160	864	129	1108
Hartley, Charles C., Mattoon, Ill. Gas-lighter.	875,348	Dec. 31	6215	1296	131	2287
Hartley, Cyril J., Stone, and R. H. Bishop, Islington, assignors to Avernus Wheel Limited, London, England. Switchback apparatus.	865,035	Sept. 3	428	113-15	130	131
Hartley, James. (See Hodgson and Hartley.)						
Hartley, James J., and F. C. De Reamer, Schenectady, N. Y., assignors to General Electric Company. Attaching-plug and wall-receptacle.	849,902	Apr. 2	615	122	127	1746
Hartley, Jonathan, Springfield, Mass. Apparatus for dyeing, bleaching, and sizing cotton warps.	858,068	June 25	5166	1094	128	3103
Hartley, Leonard H. (See Lawlor, Daniel, assignor.)						
Hartley, William. (See Graff, Hilmar, assignor.)						
Hartlove, Emory F., Baltimore, Md. Can-soldering machine.	856,698	June 11	2479	510	128	2355
Hartman, Elisha M., South Bend, Ind. Wing-operating mechanism.	841,394	Jan. 15	3232	697	126	910
Hartman, Frank O., Mansfield, Ohio. Circuit-breaker.	844,353	Feb. 19	3003	642-3	126	2617
Hartman, George W., Struthers, Ohio. Hat, coat, and umbrella rack.	869,779	Oct. 29	4050	1118	130	2652
Hartman, John, Morral, Ohio. Bolt-retainer.	847,768	Mar. 19	4121	900	127	1096
Hartman, John M., Philadelphia, Pa. Valve-seat.	860,865	July 23	3919	1074	129	1389
Hartman, Merl H., Elkins, W. Va. Wrench.	867,504	Oct. 1	416	118	130	1445
Hartman, Noble W., assignor to C. J. Spear, Toledo, Ohio. Water-meter.	869,841	Oct. 29	4142	1144	130	2679
Hartman, William J., Chicago, Ill. Perpetual calendar.	854,888	May 28	5087	1057	128	1398
Hartman, William L. (See Kirk, Leotis W., assignor.)						
Hartmann, Adam N., Paterson, N. J. Protected elastic packing.	859,813	July 9	2294	624	129	796
Hartmann, Ernest L. (See Collins and Hartmann.)						
Hartmann, Firm of Rud. A. (See Vassel, Walter, assignor.)						
Hartmann, Henry E. J., Kansas City, Mo. Paper bag.	866,275	Sept. 17	2361	656	130	800
Hartmann, Kate E., Collinsville, Ill. Burglar-alarm.	856,953	June 11	2930	615	128	2466
Hartmann, Louis A., Brooklyn, N. Y. Means for propelling boats.	874,890	Dec. 24	5255	1107	131	2114
Hartmann, Samuel E., New York, N. Y. Fan attachment for sewing-machines.	863,990	Aug. 20	2942	810	129	3064
Hartmann Trunk Company. (See Wheary, George H., assignor.)						
Hartness, James, Springfield, Vt. Lathe-spindle.	840,322	Jan. 1	1070	233	126	286
Hartness, James, Springfield, Vt. Turning-tool.	860,802	July 23	3828	1049-50	129	1360
Hartness, James, Springfield, Vt. Clutch mechanism.	870,288	Nov. 5	650	174-5	131	212
Hartness, James, Springfield, Vt. Engine-lathe.	872,233	Nov. 26	4403	1046	131	1104
Hartness, James, Springfield, Vt. Machine for cutting screw-threads.	872,728	Dec. 3	866	179-80	131	1303
Hartnett, John, Balwyn, and D. M. Robison, St. Kilda, Victoria, Australia. Cow-milking apparatus.	854,643	May 21	4541	948	128	1228
Hartnett, John B. (See Rosenberg and Hartnett.)						
Hartnett, John L., Fabius, N. Y. Wagon-rack.	841,246	Jan. 15	2930	637	126	833
Hartnett, Veronica, Sutton, Nebr. Combination incubator and brooder.	849,235	Apr. 2	1244	252-3	127	1906
Hartnett, William P., Dover, N. H. Folding umbrella.	844,937	Feb. 19	4396	939	126	2956
Hartoch, Julius, Wiesbaden, Germany. Piston for internal-combustion or explosion engines.	874,006	Dec. 17	3449	734	131	1793
Hartog, Louis N., New York, N. Y. Machine for immersing cores or centers of confections.	851,236	Apr. 23	5056	1064	127	2985
Hartog, Louis N., New York, N. Y. Machine for immersing the cores or centers of confections.	857,401	June 18	3798	805-6	128	2727
Hartogh, John, Elma, Iowa. Lifting device.	862,557	Aug. 6	777	207	129	2324
Hartong, Miles V., Plainfield, Ill. Windmill.	840,208	Jan. 1	858	185	126	233
Hartough, Edward W., Thayer, Mo. Tandem-spring friction draft-rigging.	847,769	Mar. 19	4122	900-1	127	1096
Hartridge, Frank, T. G. Thorne, and E. Rookes, Sittingbourne, England. Shifting spanner or wrench.	870,510	Nov. 5	1004	273	131	324
Hartshorn Bros. (See Hartshorn, Guy C., assignor.)						
Hartshorn, Edmund F., Newark, assignor to Stewart Hartshorn Company, East Newark, N. J. Shade-hanger level.	870,098	Nov. 5	342	96	131	114
Hartshorn, Edmund F., Newark, assignor to Stewart Hartshorn Company, East Newark, N. J. Shade-roller.	870,099	Nov. 5	343	96	131	114
Hartshorn, Edmund F., Newark, assignor to Stewart Hartshorn Company, East Newark, N. J. Cord attachment for window-shades.	870,100	Nov. 5	345	96	131	114
Hartshorn, Guy C., assignor to Hartshorn Bros., Fort Worth, Tex. Davenport.	859,658	July 9	2077	561	129	725
Hartshorn, Joseph, Des Moines, Iowa. Trap fish-hook.	873,231	Dec. 10	1909	401	131	1501
Hartsough, D. Maurice, Minneapolis, Minn., assignor of one-half to P. J. Lyons, Steel, N. D. Transit threshing-machine.	848,990	Apr. 2	757	154	127	1780
Hartsough, Lyman C., McKees Rocks, Pa. Water-filter.	862,156	Aug. 6	54	16	129	2098
Hartung, Valentin. (See Mädlar, Hartung, and Griesing.)						
Hartwell, Charles M., Marion, Ohio. Mail-box.	875,073	Dec. 31	5674	1184	131	2200
Hartwell, Sidney R. (See Tompkins and Hartwell.)						
Hartwich, Albert J., assignor of one-half to L. Greenberg, New York, N. Y. Sewing-machine.	847,940	Mar. 19	4493	984-5	127	1186
Hartwig, William G., Chicago, Ill. Electric soldering-iron.	870,779	Nov. 12	1450	392	131	503
Hartwig, William J. (See Millis, Charlie J., assignor.)						
Harty, Roger J., St. Louis, Mo. Car-ventilator.	854,945	May 28	5180	1079	128	1422
Hartzell, Morris H. (See Fretz and Hartzell.)						
Harvel, Samuel T., assignor of one-half to E. T. Riling and T. Stevens, Lawrence, Kans. Train-order deliverer.	860,803	July 23	3831	1050	129	1361
Harvey, Albert W., Rockwall, Tex. Stock-feeding device.	841,864	Jan. 22	4174	899	126	1188
Harvey, Albert W., Rockwall, Tex. Railway-signal.	852,227	Apr. 30	7086	1481	127	3530

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Harvey, Edward, New York, N. Y. Steam-turbine.....	854,494	May 21	4269	883	128	1162
Harvey, Foster E. (See Lewis, Robert H., assignor.)						
Harvey, Frank R., Houghton, Mich. Hand-rest.....	848,991	Apr. 2	758	154	127	1781
Harvey, Frederick, assignor of one-half to A. H. Woods, New York, N. Y. Disappearing theater-chair.....	842,660	Jan. 29	5846	1235	126	1638
Harvey Frost & Company. (See Frost, Henry H., assignor.)						
Harvey, George H. (See Speer and Harvey.)						
Harvey, George H., Glenfield, assignor to Brownsville Glass Company, Pittsburg, Pa. Electric glass-heating apparatus.....	859,218	July 9	1396	371	129	501
Harvey, George L., Chicago, Ill. Stake for vehicles.....	843,206	Feb. 5	763	157	126	1988
Harvey, George L., Chicago, Ill. Vehicle-stake.....	848,103	Mar. 26	4821	1052	127	1304
Harvey, George L., Chicago, Ill. Draft-rigging.....	867,720	Oct. 8	745	209	130	1561
Harvey, Harry C. (See Burnett, Buell S., assignor.)						
Harvey, Harry D. (See Steele, David R., assignor.)						
Harvey, Hillman H. (See Cook and Harvey.)						
Harvey, J. D., et al. (See Kilpatrick, Robert L., assignor.)						
Harvey, James C. (See Cage, John M., assignor.)						
Harvey, Joseph B. (See Tripp, James H., assignor.)						
Harvey, L. T., et al. (See Harris, De La F., assignor.)						
Harvey, Matthew, Walsall, England. Portable crucible-furnace.....	868,181	Oct. 15	1497	424	130	1813
Harvey, Olin F., Wilkes-Barre, Pa. Battery element.....	853,877	May 14	3046	626	128	812
Harvey, Thomas B. (See Anderson, Edward L., assignor.)						
Harvey, Watson P., Omaha, Nebr. Pocket coin-bank.....	848,302	Mar. 26	5195	1133	127	1399
Hasbrouck, Sayer, Providence, R. I. Pneumatic massage apparatus.....	841,146	Jan. 15	2744	599-600	126	787
Hascall, Georgia, Detroit, Mich. Washboard.....	858,653	July 2	519	133	129	180
Hasey, Harvey W., Hempstead, N. Y. Brush.....	871,336	Nov. 19	2497	644	131	779
Hase, Frank F., Milwaukee, Wis. Floor-scraper.....	839,994	Jan. 1	380	83	126	103
Haselden, Harry A., assignor to Whitin Machine Works, Whitinsville, Mass. Apparatus having stop-motions.....	867,131	Sept. 24	3645	1036	130	1234
Haselwander, Friedrich A., Mannheim, Germany. Internal-combustion engine.....	848,029	Mar. 26	4699	1024-5	127	1274
Hasenbach, Wilhelm, Mannheim, Germany. Purifying hydrochloric-acid gases.....	862,906	Aug. 13	1316	.....	129	2523
Hasenpflug, Ezra W., Geneva, Ohio. Door-stop.....	841,147	Jan. 15	2748	600	126	788
Haskell, Charles C., Bournedale, Mass. Trousers-guard.....	866,276	Sept. 17	2362	657	130	801
Haskell, Charles C., Bournedale, Mass. Pipe.....	871,503	Nov. 19	2871	720	131	834
Haskell, Charles L., Boston, Mass. Solar heater.....	842,658	Jan. 29	5843	1234	126	1637
Haskell, Charles S., deceased; R. C. Haskell, administratrix, Philadelphia, Pa. Organ.....	860,745	July 23	3739	1024-5	129	1330
Haskell, Edward H., et al. (See Dawes, Robert, assignor.)						
Haskell, Frank H., assignor of one-half to T. J. Smith, Boston, Mass. Fishing-net.....	844,594	Feb. 19	3739	787	126	2790
Haskell, Frederick F., Cambridge, Mass. Folding scaffold-bracket.....	854,163	May 21	3655	755	128	1002
Haskell, Frederick F., Cambridge, Mass. Support for slaters.....	863,173	Aug. 13	1732	465	129	2655
Haskell, Henry L., Ludington, Mich. Pool-table.....	857,057	June 18	3147	663	128	2565
Haskell, Henry L., assignor to Carrom-Archarena Company, Ludington, Mich. Game apparatus.....	850,224	Apr. 16	3100	648-9	127	2449
Haskell, Henry L., assignor to Carrom-Archarena Company, Ludington, Mich. Billiard or pool table.....	853,635	May 14	2555	529	128	688
Haskell, Henry L., assignor to Carrom-Archarena Company, Ludington, Mich. Pool-table.....	853,636	May 14	2556	529-30	128	689
Haskell, Ruth C., administratrix. (See Haskell, Charles S.)						
Haskell, William E., assignor to Estey Organ Company, Brattleboro, Vt. Organ-pipe.....	871,272	Nov. 19	2342	610	131	756
Haskins, Caryl D. (See Davis and Haskins.)						
Haskins, Joseph T., Portland, Me. Pencil-holder.....	864,893	Sept. 3	208	58	130	64
Haskins, R. W., et al. (See Herbst, Frederick, assignor.)						
Haskins, William E., Barre, Vt. Fire-extinguisher.....	867,365	Oct. 1	214	62	130	1378
Haskins, William J., New York, N. Y. Hoisting-tower.....	874,192	Dec. 17	3876	817-18	131	1854
Haslett, Crowell M. (See Harrison and Haslett.)						
Hasley, Nicol Y. (See Jones, Jonathan S., assignor.)						
Hass, Ferdinand, Ilford, England. Trolley, hand-truck, and the like.....	849,996	Apr. 9	2657	556-7	127	2299
Hass, Herman J., assignor to E. R. Thomas Motor Company, Buffalo, N. Y. Liquid-filter.....	854,738	May 28	4754	987	128	1312
Hass, Horrad J., F. P. Nehrbas, and J. R. Short, assignors to E. R. Thomas Motor Company, Buffalo, N. Y. Friction-clutch.....	863,064	Aug. 13	1544	418	129	2596
Hassam Paving Company. (See Hassam, Walter E., assignor.)						
Hassam, Walter E., assignor to Hassam Paving Company, Worcester, Mass. Laying pavement.....	851,625	Apr. 23	5834	.....	127	3178
Hassam, Walter E., assignor to Hassam Paving Company, Worcester, Mass. Artificial structure and making the same.....	861,650	July 30	5171	1419	129	1826
Hassam, Walter E., assignor to Hassam Paving Company, Worcester, Mass. Artificial structure and making the same.....	861,651	July 30	5171	1420	129	1826
Hassan, Robert D., Ottawa, Ontario, Canada. Apparatus for burning powdered fuel.....	801,514	July 30	4959	1362	129	1758
Hasse, Albert, Peru, Ill. Hose-cart.....	863,846	Aug. 20	2733	752	129	3002
Hassel, Gustav A., McKeesport, assignor to Pittsburgh Equipment Company, Pittsburgh, Pa. Metallic bolster.....	853,584	May 14	2442	508	128	660
Hasselbarth, Carl O. (See Sprague, Franklin S., assignor.)						
Hassell, Frank J., Dallas, Tex., and R. S. Cunningham, St. Louis, Mo. Bread-cutter.....	870,626	Nov. 12	1197	323	131	425
Hasselman, Louis C., and H. M. Smith, St. Louis, Mo. Corn-protector.....	852,328	Apr. 30	7258	1525	127	3570
Hastings, Alonzo L., Allegheny, Pa. Boiler-furnace.....	851,088	Apr. 23	4748	999	127	2909
Hastings, Dennis, and A. W. Brink, New Martinsville, W. Va. Gas-cooling and gas-olene-separating apparatus.....	867,505	Oct. 1	417	119	130	1445
Hastings, James U. (See Perry, John C., assignor.)						
Hastings, Reuben C. M., and T. Matheny, Athens, Ohio. Lock-out device for telephones.....	836,146	June 4	1339	280-1	128	2031
Hastings, Willard M. (See Morgan and Hastings.)						
Hasty, Charles, La Fayette, Ind. Sign-displaying device.....	853,083	May 7	1440	302	128	365
Hatch, Michael S., Bryn Mawr, Pa. Shoe-cleaner.....	861,278	July 30	4592	1255	129	1644
Hatch, Sarah E., et al. (See Kelsey, Henry O., assignor.)						
Hatch, Washington S., et al. (See Kelsey, Henry O., assignor.)						
Hatch, William B., St. Albans, Vt., assignor to National Binding Machine Company, Boston, Mass. Strip-serving device.....	864,094	Aug. 20	3095	855	129	3111
Hatcher, William J., and J. W. Crim, Johnston, S. C. Furnace.....	860,466	July 16	3301	903	129	1155
Hatchett, Andrew, assignor of two-thirds to S. I. I. Battiste and E. S. Porter, Louisville, Ky. Insulating wire-holder.....	844,796	Feb. 19	4149	884	126	2896
Hatfield, Albert L., Newark, N. J. Attachment for penholders.....	865,036	Sept. 3	430	116	130	131
Hatfield, Charles B., Rochester, assignor to Hatfield Motor Vehicle Company, Cortland, N. Y. Friction-gearing.....	848,593	Mar. 26	5756	1257	127	1538
Hatfield, Charles B., Rochester, assignor to Hatfield Motor Vehicle Company, Cortland, N. Y. Power-transmitting mechanism.....	855,774	June 4	642	131	128	1859

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Hatfield, Charles B., Rochester, assignor to Hatfield Motor Vehicle Company, Cortland, N. Y. Automobile.	859,293	July 9	1511	404	129	541
Hatfield, Charles N., Fountain City, Ind. Grain and seed cleaner, separator, and grader.	846,999	Mar. 12	2568	565	127	682
Hatfield, Henry A., Clarkson, Ky. Motor.	874,191	Dec. 17	3875	817	131	1853
Hatfield, Henry S., Brighton, England. Cathode.	860,657	July 23	3614	.....	129	1292
Hatfield, John W., Birdell, Pa. Wrench.	841,686	Jan. 22	3799	827	126	1088
Hatfield, Llewellyn T., Sacramento, Cal. Socket-seal for electric lamps, &c.	844,126	Feb. 12	2505	538	126	2452
Hatfield, Llewellyn T., Sacramento, Cal. Electrical socket-seal.	863,847	Aug. 20	2734	752	129	3002
Hatfield Motor Vehicle Company. (See Hatfield, Charles B., assignor.)						
Hathaway, Bruce C., Boulder, Ill. Waterproof garment.	869,177	Oct. 22	3082	849	130	2329
Hathaway, Charles L., et al. (See Peavey, Ira Q. A., assignor.)						
Hathaway, Edgar F. (See Field and Hathaway.)						
Hathaway, Edgar F. (See Field, Hathaway, and Lanning.)						
Hathaway, Edgar F., assignor to American Warp-Drawing Machine Company, Boston, Mass. Loom-reed support for warp-drawing machines.	862,474	Aug. 6	625	167	129	2283
Hathaway, Rodman W., Carbon, Iowa. Mower.	845,547	Feb. 26	5618	1190	126	3304
Hatmaker, James R., Paris, France. Chocolate and cocoa compound and making same.	872,416	Dec. 3	200	40	131	1200
Hatschek, Ludwig, Vöcklabruck, Austria-Hungary. Imitation-stone plates, slabs, or tiles. (Reissue.)	12,594	Jan. 15	3719	808	126	1035
Hatt, Joseph A. H., Brooklyn, N. Y. Camera.	851,593	Apr. 23	5776	1208	127	3166
Hatt, Joseph A. H., Brooklyn, N. Y. Printing in colors.	855,705	June 4	496	.....	128	1822
Hattmer, Justus. (See Lundberg and Hattmer.)						
Hattmer, Justus, West New York, N. J., assignor to Hardman, Peck & Company, New York, N. Y. Brake for self-playing musical instruments.	847,770	Mar. 19	4127	901	127	1098
Hattmer, Justus, West New York, N. J., assignor to Hardman, Peck & Company, New York, N. Y. Tracker-bar.	873,545	Dec. 10	2543	537	131	1607
Hattersley and Sons, George. (See Leeming and Hudson, assignors.)						
Hattersley and Sons, George. (See Perks, Thomas, assignor.)						
Hattersley, Will C., Norwood, assignor to Victor Safe & Lock Co., Cincinnati, Ohio. Safe.	843,272	Feb. 5	903	183	126	2021
Hattersley, Will C., Norwood, assignor to Victor Safe & Lock Co., Cincinnati, Ohio. Safe-door.	855,706	June 4	499	104	128	1822
Hatton, George, Saltwells House, near Brierley Hill, England. Regenerative gas-furnace.	867,038	Sept. 24	3508	995-6	130	1194
Hatz, George J., Bloomington, Ill. Locomotive journal-box.	845,780	Mar. 5	96	19	127	28
Hatzel, John C., and E. L. Morley, New York, N. Y. Fused plug and receptacle.	857,735	June 25	4465	943	128	2927
Hatzenbuehler, Michael, Chicago, Ill. Electric belt and appliances therefor.	867,721	Oct. 8	746	209-10	130	1562
Haubert, Henry, St. Paul, and M. Olsen, Minneapolis, Minn. Burnishing-machine.	844,019	Feb. 12	2312	494	126	2405
Haubold, Paul C., Campbell, Nebr. Draft-elevator.	862,394	Aug. 6	480	128	129	2237
Haubrich, Alexander M., Chicago, Ill., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Switching device.	857,621	June 25	4238	895	128	2869
Haubroe, Lars C., New York, N. Y., assignor of two-thirds to T. B. Booth, Newark, N. J. Stem-winding and stem-set mechanism.	845,000	Feb. 19	4519	964	126	2987
Hauff, Gustav, Kimberley, Cape Colony. Safety guard or fender for tramway-cars and the like.	856,253	June 11	1567	329	128	2124
Haug, Andrew. (See Babson and Haug.)						
Haug, Andrew, New York, N. Y., assignor to Universal Talking Machine Manufacturing Company. Sound-reproducer.	863,174	Aug. 13	1733	465	129	2656
Haugh, Frederick J. (See Wolfe and Haugh.)						
Haugh, Harry, Anderson, Ind. Tile.	869,362	Oct. 29	3392	933	130	2453
Haugh, Harry, Anderson, Ind. Tile.	872,510	Dec. 3	398	84	131	1230
Haughawout, John W., Fort Dodge, Iowa, assignor to Hoyt Metal Company, St. Louis, Mo. Target-trap.	840,323	Jan. 1	1071	234	126	286
Haughawout, Joseph H., Fairmount, Nebr. Cross-line buckle.	862,907	Aug. 13	1317	358	129	2523
Houghton, Frank A., Schenectady, N. Y. Steam generator and superheater.	847,407	Mar. 19	3378	739-40	127	910
Haugland, John. (See Jacobson and Haugland.)						
Haultain, Herbert E. T. (See Guess and Haultain.)						
Hau, Edgar T., Sacramento, Cal. Rotary engine.	855,852	June 4	801	167	128	1896
Hau, Franklin E., Syracuse, N. Y. Type-writing machine.	851,287	Apr. 23	5171	1086	127	3015
Haupt, Max, Allegheny, Pa. Reinforcing-bar.	871,504	Nov. 19	2872	721	131	834
Haus, Frank, Metropolitan, N. Y. Pipe-coupling.	870,557	Nov. 12	1076	293	131	380
Hausburg, Otto E., New York, N. Y. Watchman's electric time-detector.	845,637	Feb. 26	5789	1224	126	3345
Hausburg, Otto E., New York, N. Y. Watchman's clock.	845,951	Mar. 5	458	95-6	127	118
Hauschild, Leopold, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Setting-tool for fuses.	860,467	July 16	3302	903	129	1156
Hauser, Albert J. (See Kiefl, Frank, assignor.)						
Hauser, Henry J., Rochester, N. Y. Window-screen.	844,867	Feb. 19	4282	913	126	2929
Hauser, Julius, Los Angeles, Cal. Branding or marking composition.	875,174	Dec. 31	5871	.....	131	2232
Haugen, H. Otto, et al. (See Bedinger, Everett W., Jr., assignor.)						
Haury, Albert, Chicago, Ill. Railway-signal.	860,468	July 16	3303	903-4	129	1156
Hauver, Walter H., assignor of one-half to W. C. Lindsay, Newport, Vt. Putty-remover.	849,681	Apr. 9	2098	432	127	2157
Hauxwell, William, Canal Fulton, Ohio. Mining-drill.	854,350	May 21	3999	826	128	1095
Havana Tobacco Company. (See Gregg, Albert H., assignor.)						
Havard, Albert H., Urbana, Ill. Burial-vault.	840,937	Jan. 8	2309	507-8	126	629
Havell, George, Newark, N. J., assignor to L. C. Langie, Rochester, N. Y. Nail-clipper.	846,565	Mar. 12	1714	377	127	465
Havell, George, Newark, N. J., assignor to L. C. Langie, Rochester, N. Y. Combined cigar-cutter and nail-clipper.	846,743	Mar. 12	2058	452	127	553
Havell, George, Newark, N. J., assignor to L. C. Langie, Rochester, N. Y. Nail-clipper.	860,975	July 23	4109	1125	129	1452
Havell, George, assignor to Havell Manufacturing Company, Newark, N. J. Corn and callous shaver.	861,836	July 30	5466	1507	129	1913
Havell Manufacturing Company. (See Havell, George, assignor.)						
Havemeyer, John F., Ardsley-on-Hudson, N. Y. Reinforcing means for composite structures.	872,127	Nov. 26	4182	999	131	1069
Haven, Robert H., and F. Rockwell, Grand Rapids, Mich. Lawn-rake.	856,464	June 11	2031	418	128	2243
Havens, Morton, Jr., Albany, N. Y. Branch box for insulated electric wires. (Reissue.)	12,640	Apr. 23	5869	1226-7	127	3186
Havens, Morton, Jr., Albany, N. Y. Branch box.	860,469	July 16	3304	904	129	1157
Havens, Raymond M. (See Garland, William H., assignor.)						
Havenstrite, David J., Newark, N. J. Ice-making apparatus.	842,147	Jan. 22	4731	1011-12	126	1319
Haverhill Fire Appliance Company. (See Tilford, George E., assignor.)						
Haverly, Elmer J., Sayre, Pa., assignor to Enterprise Manufacturing Company, Akron, Ohio. Artificial fishing-bait.	869,565	Oct. 29	3729	1021	130	2557
Haverman, William, assignor of one-half to A. F. Marsh, Cleveland, Ohio. Toy.	842,659	Jan. 29	5845	1234	126	1637
Haverstock, Robert A., et al. (See Sanders and Van Dusen, assignors.)						
Hawbaker, Walter B., Greencastle, Pa. Envelop.	869,363	Oct. 29	3393	933	130	2453

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Hawekotte, Harry G. (See Potter, Joseph L., assignor.)						
Hawekotte, Harry G., and H. W. Klausmann, Indianapolis, Ind. Toy aerial swing.	872,511	Dec. 3	399	84	131	1231
Hawes, Colin A., Pawtucket, R. I., assignor to Easton and Burnham Machine Company. Bobbin-clutching device for spindles.	851,884	Apr. 30	6381	1332	127	3351
Hawes, George E. (See Downer and Hawes.)						
Hawes, Herbert A., Coldwater, Mich. Carriage-top.	852,434	May 7	47	10	128	15
Hawk, Arthur H., Greensburg, Pa. Garment-support.	866,464	Sept. 17	2634	736	130	887
Hawk, Fred W., Knoxville, Ill. Cement-block machine.	861,462	July 30	4895	1342	129	1736
Hawk, Ulyssus. (See Henson, Marshal, assignor.)						
Hawk, Walter D., Chicago, Ill. Motor-car.	855,572	June 4	239	48	128	1756
Hawker, Wilson S., Dayton, Ohio. Electric-lamp adjuster.	864,535	Aug. 27	3814	1057	129	3366
Hawkes, Alonzo J., Cambridge, Mass. Wagon-remover.	843,146	Feb. 5	627	133	126	1954
Hawkes, Frederic W., New York, N. Y. Riprap.	869,566	Oct. 29	3729	1021	130	2557
Hawkins Car Oiler and Specialty Manufacturing Company. (See Hawkins, Fred L., assignor.)						
Hawkins, Fred L., Gardner, Mass., assignor to Hawkins Car Oiler and Specialty Manufacturing Company. Lubricating system.	856,954	June 11	2932	615-16	128	2466
Hawkins, George E., Columbus, Ohio. Record-slip for meters.	839,927	Jan. 1	253	54	126	70
Hawkins, George E., Columbus, Ohio. Device for recording the reading of meters.	853,637	May 14	2557	530	128	689
Hawkins, George E., Columbus, Ohio. Holder for meter-slips.	860,089	July 16	2739	747	129	970
Hawkins, Joe S., Highlandville, Mo. Bottle-closure.	870,030	Nov. 5	250	69	131	86
Hawkins, John B., et al. (See Sanders and Van Dusen, assignors.)						
Hawkins, John H. (See Massie and Hawkins.)						
Hawkins, Joseph W., Passaic, N. J. Water-color brush.	857,239	June 18	3493	738	128	2651
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Brake-control system.	843,749	Feb. 12	1804	384	126	2280
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Block-signal system.	844,797	Feb. 19	4150	885	126	2897
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Alternating-current motor.	854,739	May 28	4755	988	128	1312
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Block-signal system.	856,465	June 11	2032	418	128	2243
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Block-signal system.	856,466	June 11	2034	418	128	2244
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Block-signal system.	856,467	June 11	2037	418	128	2244
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Block-signal system.	856,583	June 11	2261	465	128	2300
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Block-signal system.	859,219	July 9	1396	371	129	502
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Air-brake system.	869,364	Oct. 29	3393	934	130	2453
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Block-signal system.	869,365	Oct. 29	3395	934	130	2454
Hawkins, Marshall, Gypsy, W. Va. Rail-bond.	863,531	Aug. 13	2252	610	129	2817
Hawkins, Millard J., Hoopeston, Ill. Apparatus employed in canning operations.	843,893	Feb. 12	2073	444	126	2346
Hawkins, Theodore L., Pittsburg, Pa. Car-wheel.	847,069	Mar. 12	2711	597	127	716
Hawkins, Thomas, London, England. Apparatus for embossing name-plates, &c.	848,824	Apr. 2	452	89	127	1702
Hawkins, Thomas H., London, England, assignor to D. Fisher and A. W. I. Macanish, Sydney, New South Wales, Australia. Apparatus for generating acetylene gas.	861,837	July 30	5467	1507-8	129	1913
Hawkins, Wilford J., U. S. Army. Gun-sight.	861,652	July 30	5172	1420	129	1826
Hawkinson, Andrew, St. Paul, Minn. Pulling-box for conduits.	844,354	Feb. 19	3009	643	126	2619
Hawkinson, Emil A., Lindstrom, Minn. Can-closure.	862,908	Aug. 13	1318	359	129	2523
Hawks, Ira S. (See Holliday and Hawks.)						
Hawkyard, John, Saddleworth, England. Valve.	862,967	Aug. 13	1400	381	129	2549
Hawley, Charles D. (See Hawley, Jesse G. and C. D.)						
Hawley, Charles G. (See Baker and Hawley.)						
Hawley, Charles G. (See Stevenson, William, assignor.)						
Hawley, Charles G. (See Toltz, Max, assignor.)						
Hawley, Charles G., Minneapolis, Minn. Bottle-seal.	846,744	Mar. 12	2060	452	127	553
Hawley, Charles G., Chicago, Ill. Journal-box and lid.	852,952	May 7	1193	245-6	123	303
Hawley, Charles G., Chicago, Ill. Journal-box and lid.	855,947	June 4	974	203	128	1939
Hawley, Charles G., Chicago, Ill. Journal-box and lid.	864,738	Aug. 27	4130	1147	129	3461
Hawley, Charles G., assignor, by mesne assignments, to United States Flexible Joint Company, Chicago, Ill. Flexible fluid-joint.	840,324	Jan. 1	1075	234	126	287
Hawley, Charles G., assignor, by mesne assignments, to United States Flexible Joint Company, Chicago, Ill. Flexible fluid-joint.	840,325	Jan. 1	1076	234	126	287
Hawley, Charles G., assignor, by mesne assignments, to United States Flexible Joint Company, Chicago, Ill. Flexible fluid-joint.	848,169	Mar. 26	4920	1075	127	1330
Hawley, Charles T. (See Stowell and Hawley.)						
Hawley, Charles T., assignor to Simplex Time Recorder Company, Gardner, Mass. Workman's time-recorder.	853,878	May 14	3049	626-8	128	812
Hawley, Cornell S., F. C. Green, New York, W. H. Fulton and J. F. McElroy, assignors to Consolidated Car Heating Company, Albany, N. Y. Gasket and holder therefor.	848,549	Mar. 26	5650	1237-8	127	1510
Hawley Down Draft Furnace Company. (See Schwartz, Edward H., assignor.)						
Hawley, Edwin H., Washington, D. C. Pocket-knife.	847,474	Mar. 19	3513	769	127	945
Hawley, Eugene W., Milwaukee, Wis. Fastener for trunks or the like.	845,781	Mar. 5	98	19	127	28
Hawley, Jesse G. and C. D., Stratford, Conn. Changeable-speed gearing.	871,337	Nov. 19	2497	644-5	131	779
Hawley, John S., New York, N. Y. Window-jack.	846,203	Mar. 5	978	208	127	248
Hawley, Louis B., Rochester, N. Y. Surgical appliance.	844,798	Feb. 19	4155	885	126	2898
Hawley, Sarah M., St. Louis, Mo. Paper-feeding mechanism.	860,026	July 16	2649	720	129	941
Hawley, Valcalow V., Acampo, Cal. Gage.	869,489	Oct. 29	3595	985	130	2515
Haworth, William E., Ridge Farm, Ill. Railway-crossing.	874,679	Dec. 24	4862	1023	131	2047
Hawthorne, America C., Boston, Mass. Rug and curtain holder.	861,279	July 30	4593	1255	129	1645
Hawthorne, Jean, New York, N. Y. Cleansing metal.	871,994	Nov. 26	3909		131	1025
Hawthorne and Sheble Manufacturing Company. (See Kraemer and Sheble, assignors.)						
Hawthorne & Sheble Manufacturing Company. (See Mobley, Edwin H., assignor.)						
Hawthorne & Sheble Manufacturing Company. (See Sheble, Horace, assignor.)						
Hawthorne, Thomas W., Orange, N. J., and B. L. Marsh, New York, N. Y. Revolving pie-rack.	860,658	July 23	3614	990	129	1292
Hawthorne, William S., Peru, assignor to Western Clock Manufacturing Company, La Salle, Ill. Repeating alarm-clock.	855,775	June 4	644	132	128	1859
Hawver, J. C. (See Weston, Edwin J., Jr., assignor.)						
Haxton, William, Chicago, Ill. Perambulator-sled.	867,039	Sept. 24	3510	996	130	1194
Hay, Addie. (See Radcliff, Lee, assignor.)						
Hay, Alexander G., Camden, N. J. Boiler-tube-scraping apparatus.	849,898	Apr. 9	2505	516-17	127	2262

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Hay, Robert, Mount Pleasant, Pa. Car-dumping apparatus.	874,503	Dec. 24	4500	946-7	131	1988
Hay, William H., <i>et al.</i> (See Miesse, Americus, assignor.)						
Haycock, George W. (See Brown and Haycock.)						
Haycox, Edward, Toledo, Ohio. Fruit-picker's ladder.	868,266	Oct. 15	1637	463	130	1857
Hayden, Arthur C., Brockton, Mass. Photographic-plate holder.	848,241	Mar. 26	5053	1105	127	1363
Hayden, Arthur C., assignor to Hayden Photographic Manufacturing Company, Brockton, Mass. Photographic developing and fixing apparatus.	855,402	May 28	6057	1266	128	1643
Hayden Automatic Block Machine Company. (See Scott, Wesley M., assignor.)						
Hayden, Edward E., Washington, D. C. Crutch.	870,676	Nov. 12	1273	347	131	448
Hayden, Frank, Dexter, Mo. Bottle.	849,899	Apr. 9	2506	517	127	2262
Hayden, George W., assignor to Crane Company, Chicago, Ill. Steam-trap.	843,207	Feb. 5	765	157	126	1989
Hayden, George W., assignor to Crane Company, Chicago, Ill. Tilting steam-trap.	863,991	Aug. 20	2943	810	129	3064
Hayden, George W., assignor to Crane Company, Chicago, Ill. Radiator-valve.	868,182	Oct. 15	1498	424	130	1813
Hayden, George W., Oak Park, assignor to Crane Company, Chicago, Ill. Expansion-joint.	853,974	May 21	3272	672	128	908
Hayden, Joel, Jr., Boston, Mass. Ring spinning and twisting machine.	871,694	Nov. 19	3216	796	131	894
Hayden, Joel, Jr., assignor to Hayden Machinery Company, Boston, Mass. Ring spinning and twisting apparatus.	843,810	Feb. 12	1912	410	126	2307
Hayden, Joel, Jr., assignor to Hayden Machinery Company, Boston, Mass. Ring spinning and twisting apparatus.	849,734	Apr. 9	2183	450	127	2177
Hayden, John M., assignor of one-half to H. Abrames, Norfolk, Va. Closet-bowl and sink connection.	854,695	May 21	4657	971	128	1258
Hayden, Lathrop A., South Carver, Mass. Cranberry-separator.	864,164	Aug. 27	3213	890	129	3174
Hayden Machinery Company. (See Hayden, Joel, Jr., assignor.)						
Hayden Photographic Manufacturing Company. (See Hayden, Arthur C., assignor.)						
Hayden, William B., New York, N. Y. Sparking plug.	858,282	June 25	5551	1187	128	3201
Hayden, William B., New York, N. Y. Electrical sparking device for explosive-engines.	870,954	Nov. 12	1736	475-6	131	593
Hayden, William J., Athol Center, Mass. Mortising-machine attachment.	849,989	Apr. 9	1542	312-13	127	2017
Hayden, Winfield S., Palmyra, Mo. Fertilizer-spreader.	856,147	June 4	1343	281-2	128	2032
Hayes, Edward, New York, N. Y. Shoe.	857,939	June 25	5024	1061	128	3067
Hayes, Edward J., Marion, Ind. Glass-press.	860,293	July 16	3030	830	129	1066
Hayes, Elmer F., Kirwin, Kans. Axle-wal wrench for vehicles.	870,031	Nov. 5	251	69	131	87
Hayes, Elmer F., Kirwin, Kans. Dinner-pail and heater.	873,232	Dec. 10	1910	401	131	1501
Hayes, Frank, Superior, Wis. Door-closing means for scows or bins.	868,662	Oct. 22	2297	638	130	2086
Hayes, George B., Buffalo, N. Y., and J. A. Hayes, Burlington, N. J.; said George B. Hayes, assignor to G. D. Hayes, Buffalo, N. Y. Foundry apparatus.	870,511	Nov. 5	1005	273-4	131	324
Hayes, George D. (See Hayes, George B. and J. A., assignors.)						
Hayes, George H. (See Duntley and Hayes.)						
Hayes, Henri P., Locle, Switzerland. Dividing-machine.	842,694	Jan. 29	5949	1253-4	126	1664
Hayes, Horace H., Gardiner, Me. Automatic railway-switch.	861,590	July 30	5080	1394	129	1798
Hayes, James N., St. Louis, Mo. Trolley-wire crossing.	847,989	Mar. 19	4595	1008	127	1209
Hayes, John A. (See Hayes, George B. and J. A.)						
Hayes, John E. R. (See Bradshaw, Walter L., assignor.)						
Hayes, John F., Scranton, Pa. Cash-carrier.	847,070	Mar. 12	2712	597-8	127	716
Hayes, John P., Pittsburg, Pa. Electric motor.	869,780	Oct. 29	4051	1118-19	130	2652
Hayes, Richard, Salt Lake City, Utah. Pounder-washer.	857,967	June 18	4133	875	128	2809
Hayes, Stanley W., Geneva, N. Y. Derailer.	843,455	Feb. 5	1208	255	126	2093
Hayes, Thomas. (See Guthrie and Hayes.)						
Hayes, William. (See Batten and Hayes.)						
Hayhurst, Carl C., Barberton, Ohio. Puzzle.	849,236	Apr. 2	1245	253	127	1906
Hayner, Roy F., Coin, Iowa. Rein-holding attachment for harness.	843,600	Feb. 12	1533	324	126	2208
Haynes, Clarence U., Rome, N. Y. Driving mechanism for motor-carriages.	858,598	July 2	413	107	129	147
Haynes, Daniel, Ringgold, Tex. Bat-forming apparatus.	858,453	July 2	135	36	129	45
Haynes, Elwood, Kokomo, Ind. Metal alloy.	873,745	Dec. 17	2943	-----	131	1708
Haynes, Elwood, Kokomo, Ind. Metal alloy.	873,746	Dec. 17	2945	-----	131	1708
Haynes, Ethel M., Normal, Ill. Hose-supporter.	868,766	Dec. 24	5036	1061	131	2076
Haynes, James H., De Leon, Tex. Combined post-hole digger and wire-stretcher.	864,558	Oct. 15	2108	589	130	2000
Haynes-Langenberg Manufacturing Company. (See Kitching, William, assignor.)						
Haynes, Lewis F., Brant, Mich. Beet-blocker.	875,522	Dec. 31	6543	1364-5	131	2343
Haynes, William B., Akron, Ohio. Gasket.	843,394	Feb. 5	1108	230	126	2070
Haynes, William S., St. Louis, Mo. Advertising device.	862,820	Aug. 6	1185	319	129	2445
Haynes, William S., assignor of one-fourth to S. S. Senne, St. Louis, Mo. Game apparatus.	857,878	June 25	4730	1004-5	128	2891
Haynie, Brooks, assignor to King Manufacturing Co., Austin, Tex. Water-heater.	857,555	June 18	4100	870	128	2804
Hays, Frank, Oskaloosa, Iowa. Horse-collar attachment.	847,475	Mar. 19	3514	769	127	945
Hays, Franklin B., Indianapolis, Ind. Scale-recorder.	839,841	Jan. 1	70	17	126	20
Hays, Harvey G. and J. W., Chicago, Ill. Composition or concrete post.	865,179	Sept. 3	629	178	130	191
Hays, John, Uniontown, Pa. Umbrella.	869,082	Oct. 22	2949	812	130	2289
Hays, Joseph W. (See Hays, Harvey G. and J. W.)						
Hays, Joseph W., Chicago, Ill. Power-transmission device.	872,512	Dec. 3	402	84-5	131	1231
Hays, Joseph W., Chicago, Ill. Ruling device.	874,588	Dec. 24	4681	984	131	2016
Hays, Joseph W., assignor of one-half to G. L. Simonds, Chicago, Ill. Type-writing machine.	845,234	Feb. 26	4997	1062-3	126	3150
Hays, Joseph W., assignor of one-half to G. L. Simonds, Chicago, Ill. Paper-ruling machine.	874,587	Dec. 24	4679	983	131	2016
Hays, Morris, Monmouth, Ill. Wire-working tool.	852,836	May 7	946	194	128	241
Hays, Parx O., Gainesville, Tex. Acetylene-gas generator.	856,148	June 4	1344	282	128	2032
Hays, Uriel C., Jr. (See Chambers, Jonathan F., assignor.)						
Hays, William C., Berkeley, Cal. Chimney construction.	870,780	Nov. 12	1451	393	131	504
Hayser, Gustave C., Clinton, Mo. Washboard.	867,722	Oct. 8	748	210	130	1562
Hayward, Clyde A., Boston, Mass. Non-leakable fountain-pen.	843,338	Feb. 5	1021	211	126	2048
Hayward, Eugene, Clayton, Mich., assignor of two-thirds to J. T. Lueder and J. B. Morris, Chicago, Ill. Electrical connection for railway-rails.	842,545	Jan. 29	5606	1187	126	1579
Hayward, John W., St. Johns, Newfoundland. Attachment for bait-hooks, jiggers, and like angling devices.	856,867	June 11	2780	579	128	2430
Hayward, Josiah P., Malden, assignor, by mesne assignments, to Bradley Pulverizer Company, Boston, Mass. Shaft-coupling.	847,333	Mar. 19	3218	709	127	870
Hayward, Melville P., Quincy, Mass. Pneumatic buffer.	847,941	Mar. 19	4495	985	127	1187
Haywood, Daniel H., New York, N. Y. Manufacturing hair-pins.	862,475	Aug. 6	626	168	129	2284
Haywood, Daniel H., New York, N. Y. Music-sheet.	871,221	Nov. 19	2230	589	131	739
Haywood, Hampton V., <i>et al.</i> (See Cove, George H., assignor.)						
Hazard, Samuel B., assignor to Illinois Implement Company, Peoria, Ill. Riding attachment for harrows. (Reissue.)	12,690	Sept. 3	911	261	130	275
Hazelbaker, Wesley A., Otway, Ohio. Burial-vault.	860,212	July 16	2916	797	129	1027
Hazelton, Fred S., Norton, Kans. Window-shade hanger.	866,786	Sept. 24	3123	879	130	1075
Hazelton, Hugh, <i>et al.</i> (See Brinckerhoff, Francis M., assignor.)						
Hazelton, Simon A., Pavilion, N. Y. Whiffletree.	854,495	May 21	4271	884	128	1162

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Hazelton, William S., Prosser, Wash. Wire-fence builder.....	849,390	Apr. 9	1545	313	127	2018
Hazlett, David H., Dendron, Va. Cotton-chopper.....	853,014	May 7	1328	277	128	337
Hazzard, Robert T., Jamestown, N. Y. Combination fork and rake.....	870,955	Nov. 12	1740	476	131	595
Hazzard, William, Lorain, Ohio. Fork.....	856,635	June 11	2367	487	128	2327
Heabler, Martin S., McComb, Ohio. Window-cleaner.....	853,783	May 14	2851	586	128	767
Head, Adoniram J. (See Mackey, James, assignor.)						
Head, Benson J., assignor of one-fourth to C. J. Swasey, Fort Worth, Tex. Tobacco-pouch.....	848,030	Mar. 26	4704	1025	127	1275
Head, George M., Marianna, Ark., assignor to himself, and W. McCaleb, Bluffs, Ill. Cotton-chopper.....	871,035	Nov. 12	1853	508	131	629
Headley, Elwood, assignor to W. H. McCastline, New York, N. Y. Toy combination savings-bank.....	863,603	Aug. 20	2375	651	29	2885
Heaford, Edwin B. (See Kelley and Heaford.)						
Heaford, Edwin B., Omaha, Nebr. Telephone system.....	858,454	July 2	136	37	129	46
Heal, William E., Coffeyville, Kans. Treating glass.....	850,833	Apr. 16	4259	895	127	2747
Head, Alfred, Philadelphia, Pa. Loom for weaving double-pile fabrics.....	862,968	Aug. 13	1400	381	129	2549
Heald, James N., assignor to Heald Machine Company, Worcester, Mass. Apparatus for transmitting power.....	868,435	Oct. 15	1921	537	130	1939
Heald Machine Company. (See Heald, James N., assignor.)						
Heale, James E., Anaconda, Mont. Tire-protector.....	854,213	May 21	3755	777	128	1031
Healea, T. D., et al. (See Gourley, John L., assignor.)						
Healey & Co. (See Douglas, William H., assignor.)						
Healey, Frank F., New York, N. Y. Pressure-regulating valve.....	853,693	May 14	2673	551	128	721
Healey, Owen. (See Price, Henry, assignor.)						
Healey, Patrick J., Boston, Mass. Automobile crane and tip-car.....	840,489	Jan. 8	1422	314	126	409
Healey, William P. (See Craig, Edward, assignor.)						
Healley, George M., La Crosse, Wis. Multifirm-curve rule.....	865,586	Sept. 10	1300	368	130	424
Healy Box Company. (See Healy, Philip J., assignor.)						
Healy, Frank V., and J. H. Fox, Sac City, Iowa. Cement-sidewalk cleaner.....	853,171	May 7	1594	331	128	403
Healy, Henry, Buffalo, N. Y. Aquatic merry-go-round.....	862,157	Aug. 6	55	17	129	2098
Healy, John J., Cohocton, assignor of one-half to S. F. Hess, Rochester, N. Y. Expression mechanism for self-playing musical instruments.....	850,303	Apr. 16	3235	674-5	127	2487
Healy, John J., Monroe, assignor of one-half to S. F. Hess, Rochester, N. Y. Pneumatically-operated musical instrument.....	850,366	Apr. 16	3363	702-4	127	2521
Healy, John J., assignor of one-half to S. F. Hess, Rochester, N. Y. Self-playing piano.....	855,104	May 28	5531	1148-50	128	1510
Healy, Louise, New York, N. Y. Playing-card.....	869,302	Oct. 29	3288	906	130	2422
Healy, Philip J., assignor to Healy Box Company, East St. Louis, Ill. Device for feeding and cutting strips.....	859,220	July 9	1400	372	129	503
Healy, Raymond, Brooklyn, N. Y. Detachable wheel-rim.....	874,844	Dec. 24	5164	1088	131	2100
Healy, William P. (See Miller, Julius J., assignor.)						
Heany, John A., York, Pa. Manufacture of luminant for electric lamps.....	842,546	Jan. 29	5607	.....	126	1580
Heany, John A., York, Pa. Tungsten electric incandescent lamp.....	872,936	Dec. 3	1281	273	131	1369
Heap, William, Muskegon, Mich. Float for flushing-tanks.....	868,088	Oct. 15	1376	385	130	1776
Heard, George M. D., Painesville, Ohio. Ratchet-brace.....	868,985	Oct. 22	2794	771	130	2240
Heard, Henry, Athens, and E. D. Treanor, Milledgeville, Ga. Brace for freight-cars.....	858,283	June 25	5553	1187	128	3202
Heard, James T., et al. (See Chew, Benjamin A., assignor.)						
Heard, William H., London, Ontario, Canada. Spraying apparatus.....	872,654	Dec. 3	708	147-8	131	1278
Hearn, James W., New Orleans, La. Can and means for venting and closing same.....	848,463	Mar. 26	5506	1199	127	1475
Hearn, Mark. (See Collins and Hearn.)						
Hearn, Moses W., Cobleskill, N. Y. Curtain-stretcher.....	875,261	Dec. 31	6035	1259	131	2260
Hearn, William J., Mount Vernon, N. Y. Propeller and steering device.....	866,465	Sept. 17	2635	736	130	887
Heart, Charles, assignor to Keefer-Heart Iron and Steel Company, Alexandria, Ind. Sheet-metal rim or felly.....	853,452	May 14	2176	452	128	592
Heart, Charles, assignor to Keefer-Heart Iron and Steel Company, Alexandria, Ind. Metal wheel-spoke.....	857,001	June 11	3037	639	128	2496
Heartt, William A., New York, N. Y., assignor to Voigtman and Company, Chicago, Ill. Window-stop.....	848,303	Mar. 26	5198	1134	127	1400
Heath, Albert C., St. Paul, Minn. Medical appliance.....	855,573	June 4	243	48	128	1757
Heath, Albert C., St. Paul, Minn. Automobile and other vehicle.....	855,776	June 4	645	132	128	1860
Heath, D. W. (See Cherry, Frank W., assignor.)						
Heath, Edward J., St. Louis, Mo. Pick-up for non-insulated electric wires.....	851,578	May 21	4428	920	128	1201
Heath, Elmer E., Smethport, Pa. Pin-setting apparatus for bowling-alleys.....	857,939	June 25	4863	1029	128	3025
Heath, Frank S., Corry, Pa. Evaporator.....	852,435	May 7	49	10	128	16
Heath, George S., Revere, assignor to Huff Electrostatic Separator Company, Boston, Mass. Feeder for comminuted material.....	840,845	Jan. 8	2107	466	126	579
Heath, George W., Crayford, England. Prism monocular and binocular glass.....	849,237	Apr. 2	1246	253	127	1907
Heath, Harry E., Lynn, Mass., assignor to General Electric Company. Resistance unit.....	853,784	May 14	2852	587	128	767
Heath, Noble, Antioch, Cal., assignor of three-fourths to W. S. Wright, J. W. Stewart, Chicago, and J. H. Winslow, Glencoe, Ill. Apparatus for making bisulfite liquor.....	856,195	June 4	1433	303	128	2054
Heath, Theodore D., Peabody, Kans. Feed-wagon.....	862,969	Aug. 13	1402	381-2	129	2550
Heath, William E., Baltimore, Md. Receptacle-sealing cap.....	875,074	Dec. 31	5675	1184	131	2200
Heaton, Charles, assignor of one-half to H. Bierhoff, New York, N. Y. Shower-bath.....	869,240	Oct. 29	3183	877	130	2387
Heaton, Warren. (See Getz, Phares E., assignor.)						
Heaton, William, Leicester, England. Boot machinery.....	846,028	Mar. 5	629	132	127	162
Heavlin, Clifford S. (See Heavlin, William E. and C. S.)						
Heavlin, William E. and C. S., Bowerston, Ohio. Vehicle-brake.....	849,682	Apr. 9	2100	432	127	2157
Heavner, Bluford, and C. A. Manker, Pearl, Ill. Means for protecting safes from burglars.....	866,920	Sept. 24	3339	943	130	1141
Heber, John B., Mazeppa, Minn. Hay-rack.....	861,838	July 30	5469	1508	129	1914
Heberger, William P., Cincinnati, Ohio. Corner-brace for chair-seat frames.....	855,777	June 4	646	132	128	1860
Heberlein, Ferdinand, London, England. Treatment of ores preparatory to smelting same.....	844,355	Feb. 19	3010	.....	126	2619
Heberling, John, Rochester, N. Y. Rack.....	840,696	Jan. 8	1820	402	126	509
Heberling, John, Rochester, N. Y. Dumping-wagon.....	840,846	Jan. 8	2108	466	126	579
Heberling, John, Rochester, N. Y. Dumping-wagon.....	849,067	Apr. 2	906	185-6	127	1813
Heberling, John, Rochester, N. Y. Dumping-wagon.....	864,536	Oct. 27	3816	1057-8	129	3366
Heberling, John, Rochester, N. Y. Dumping-wagon.....	867,366	Oct. 1	215	62	130	1378
Heberling, Ralph H. and W. L. Havana, Ill. Rotary engine.....	865,891	Sept. 10	1778	494-7	130	587
Heberling, William L. (See Heberling, Ralph H. and W. L.)						
Hebert, Albert H., Holyoke, Mass. Acetylene-gas generator.....	841,148	Jan. 15	2750	601	126	788
Hebert, Edward J., Zwolle, La. Blacking-dauber.....	841,963	Jan. 22	4351	939	126	1227
Hebert, Edward J., Zwolle, La. Hook.....	842,095	Jan. 22	4608	989	126	1287
Hebert, Felix J., et al. (See Le Blanc, Jules, assignor.)						
Hebert, Helaire T., et al. (See Le Blanc, Jules, assignor.)						
Hebert, Philip J., et al. (See Le Blanc, Jules, assignor.)						
Hebig, Harry C., Closter, N. J., assignor of one-half to M. Schroeder, Brooklyn, N. Y. Amusement device.....	869,083	Oct. 22	2950	813	130	2289

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Hecht, Charles, <i>et al.</i> (See Hixon, William E., assignor.)						
Hecht, Frank A. (See Fletcher, Nathan W., assignor.)						
Hecht, George M., <i>et al.</i> (See Kuersten, Hugo R., assignor.)						
Hecht, Jonas. (See Anchel, Edward, assignor.)						
Hecht, Joseph L., Davenport, Iowa, assignor to Davenport Wagon Company. Tongue-support.....	852,837	May 7	948	194	128	242
Hecht, Joseph L., Davenport, Iowa, assignor to Davenport Wagon Company. Vehicle-tongue.....	857,278	June 18	3572	755	128	2671
Hecht, Joseph L., Davenport, Iowa, assignor to Davenport Wagon Company. Wagon-reach.....	857,279	June 18	3574	756	128	2671
Hecht, Joseph L., Davenport, Iowa, assignor to Davenport Wagon Company. Running-gear for vehicles.....	858,981	July 2	1051	277	129	358
Heckelmann, Max. (See Weichel, Otto H., assignor.)						
Hecker, Fredrick H., Los Angeles, Cal. Soda-fountain syrup-pump.....	860,659	July 23	3615	990	129	1292
Hecker, Friedrich, Munich, Germany. Suction-mouthpiece for exhaust devices.....	855,888	June 4	863	178	128	1912
Heckert, Charles W. (See Kaufmann, Frank J., assignor.)						
Heckert, Gustav A., Munich, Germany. Gas-retort.....	843,811	Feb. 12	1913	410	126	2308
Heckling, George, Cleveland, Ohio. Pipe-wrench.....	870,781	Nov. 12	1451	393	131	504
Heckman, John P., Creston, Ohio. Concrete-block mold.....	839,842	Jan. 1	72	18	126	21
Heckman, Noah L., Springfield, Ohio. Grain-distributor.....	864,739	Aug. 27	4131	1147	129	3462
Hector, Andre, East Newark, N. J. Propeller.....	845,081	Feb. 26	4696	996-7	126	3071
Hector, Andre, East Newark, N. J. Propeller.....	849,238	Apr. 2	1248	253	127	1907
Hector, Andre, East Newark, N. J. Submarine vessel.....	863,532	Aug. 13	2253	611	129	2817
Hector, Andre, East Newark, assignor of two-thirds to J. W. Reid and W. Bardsley, Kearny, N. J. Car-switching mechanism.....	862,395	Aug. 6	480	129	129	2237
Hedberg, Peter I., Chicago, Ill. Weatherproof window-sill.....	854,889	May 28	5088	1058	128	1399
Hedborg, Ellen C., Minneapolis, Minn. Apple-coring device.....	867,970	Oct. 15	1197	331	130	1721
Heddon, Georgina, London, England. Optical apparatus.....	856,778	June 11	2632	541	128	2395
Heddon, James, Dowagiac, Mich. Fish bait or lure.....	861,116	July 23	4319	1185-6	129	1520
Hedfeldt, Axel T., Chicago, Ill., assignor to Hedfeldt Company. Cleaning and separating machine.....	845,870	Mar. 5	280	56	127	72
Hedfeldt Company. (See Hedfeldt, Axel T., assignor.)						
Hedfors, Arvid O., Upsala, Sweden. Box-bearing.....	843,601	Feb. 12	1534	324	126	2208
Hedgeland, Frederick W., Chicago, Ill. Differential clutch mechanism for automobiles.....	849,474	Apr. 9	1702	345	127	2058
Hedinger, Theodore, Jr. (See Morrison, Charles M., assignor.)						
Hedley, Frank, New York, N. Y. Attachment for preventing telescoping of cars.....	867,367	Oct. 1	218	63	130	1379
Hedley, Frank, J. S. Doyle, and H. Wallerstedt, New York, N. Y. Automatic interlocking contact mechanism for electric-railway systems.....	857,058	June 18	3150	663-4	128	2566
Hedley, Frank, J. S. Doyle, and H. Wallerstedt, New York, N. Y. Automatic contact mechanism for electric-railway systems.....	857,059	June 18	3156	664-5	128	2567
Hedlund, John, and W. W. McMahon, Kansas City, Mo. Heating system.....	862,158	Aug. 6	56	17-18	129	2098
Hedlund, Per J., Stockholm, Sweden. Steam-turbine.....	858,869	July 2	880	229	129	302
Hedrich, Charles. (See Melisch, John, assignor.)						
Hedrich, Martha. (See Hedrich, Richard, assignor.)						
Hedrich, Richard, assignor to H. Hedrich, Milwaukee, Wis. Manufacturing roofing-tiles.....	854,823	May 28	4932	1025	128	1358
Hedrick, James, Fawcett, Va. Hood-parer.....	873,546	Dec. 10	2544	537	131	1608
Hedstrom, Carl O. (See Carlson and Hedstrom.)						
Hedstrom, Carl O., Springfield, Mass. Convertible bicycle and tricycle frame.....	842,833	Jan. 29	6219	1313	126	1729
Hedstrom, Carl O., Springfield, Mass. Carbureter.....	848,170	Mar. 26	4923	1075	127	1330
Hedstrom, Carl O., Springfield, Mass. Muffler.....	858,455	July 2	137	37	129	46
Hedstrom, Carl O., Springfield, Mass. Lubricating means for internal-combustion engines.....	865,101	Sept. 3	523	145	130	158
Hedstrom, Carl O., Springfield, Mass. Motor-cycle.....	871,995	Nov. 26	3910	943	131	1025
Hedstrom, Carl O., Springfield, Mass. Means for operating exhaust-valves.....	873,747	Dec. 17	2946	624	131	1708
Hedstrom, John P., assignor to Hanchett Swage Works, Big Rapids, Mich. Machine for sharpening saw-teeth.....	867,723	Oct. 8	749	210-11	130	1563
Hedstrom, John P., assignor to Hanchett Swage Works, Big Rapids, Mich. Adjustable cam.....	867,724	Oct. 8	753	211	130	1563
Hee, Fred H. (See Foreman, Ernest J., assignor.)						
Heekin Can Company. (See Ackermann, George, assignor.)						
Heeley, George, and C. Féry, said Heeley assignor to La Compagnie pour la Fabrication des Compteurs et Matériel d'Usines à Gaz, Paris, France. Pyrometer.....	842,314	Jan. 29	5085	1084	126	1441
Heene, George W., Cleveland, Ohio. Printing apparatus for checks, drafts, &c.....	855,707	June 4	500	104	128	1827
Heeney, Henry J., Boston, Mass., assignor to Holtzer Cabot Electric Company. Signal-drop.....	860,132	July 16	2794	762	129	988
Heeney, Henry J., Boston, Mass., assignor to Holtzer Cabot Electric Company. Electric bell.....	871,168	Nov. 19	2125	569	131	721
Heer, Otto F. (See Gamber and Heer.)						
Heermans, Thaddeus W., Chicago, Ill. Speed-controlling device for electric motors.....	847,663	Mar. 19	3909	854	127	1043
Heeter, Charles M., Butler, Pa. Anchor-packer.....	859,060	July 2	1161	313	129	393
Heeter, Charles M., Butler, Pa. Well-drilling apparatus.....	872,128	Nov. 26	4184	1000	131	1069
Heeter, Thomas E. (See Dawson and Heeter.)						
Heeter, Thomas E., Maplewood, Mo., assignor to Sieber & Trussell Manufacturing Company. Loose-leaf binder.....	853,975	May 21	3273	672	128	908
Heffernan, William H., and H. F. Marshall, North Adams, Mass. Washing-machine.....	844,595	Feb. 19	3740	787	126	2790
Heffernan, William H., North Adams, and A. E. Hall, Williamstown, Mass. Machine for cleaning carpets.....	850,645	Apr. 16	3923	818-19	127	2665
Heffley, Robert A., Denver, Colo. Water-heater.....	872,129	Nov. 26	4186	1000	131	1070
Heffner, Harry, Warren, Ohio. Envelop.....	869,179	Oct. 22	3085	850	130	2330
Heffner, Harry, Warren, Ohio. Stovepipe attachment.....	869,180	Oct. 22	3085	850	130	2331
Heffner, John L., Peoria, Ill. Cushion-fastener.....	868,663	Oct. 22	2299	638	130	2086
Heffner, Louis, Minneapolis, Minn. Ratchet-bolt.....	856,868	June 11	2782	579	128	2431
Heffron, Cassius M., Rochester, N. Y. Fruit-slicing machine.....	862,821	Aug. 6	1186	319-20	129	2446
Heffron Trenching Company. (See Heffron, William, assignor.)						
Heffron, William, assignor to Heffron Trenching Company, Cincinnati, Ohio. Excavating apparatus.....	858,069	June 25	5168	1094-5	128	3104
Heft, Frank R. (See Oehrlie, Emanuel, assignor.)						
Hefta, Gunda H., Leeds, N. D. Wagon-loading device.....	870,782	Nov. 12	1453	393	131	504
Hege & Co., C. A. (See Hege, Constantine A., assignor.)						
Hege, Constantine A., assignor to C. A. Hege & Co., Salem, N. C. Coffee-drier.....	841,964	Jan. 22	4351	939-40	126	1227
Hegeman, Benjamin A., Jr. (See Ames, John M., assignor.)						
Hegeman, Benjamin A., Jr. (See Brown, Thomas R., assignor.)						
Hegeman, Benjamin A., Jr. (See Field, Henry F., Jr.)						
Hegeman, Benjamin A., Jr. (See Hillman, Edward D., assignor.)						
Hegeman, Benjamin A., Jr. (See Johnson, George A., assignor.)						
Hegerhorst, John, Chicago, Ill. Ratchet.....	844,356	Feb. 19	3011	643	126	2620

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Heggen, John, Seattle, Wash. Water-bicycle.....	868,183	Oct. 15	1499	425	130	1813
Hegland, Harny L., Canton, Minn. Attachable flange for wheels.....	843,943	Feb. 12	2178	466	126	2373
Hegyi, Gábor, Los Angeles, Cal. Dust-cleaner.....	850,575	Apr. 16	3764		127	2624
Heid, Clara C., Juneau, Alaska. Bust-supporting garment.....	859,061	July 2	2162	313	129	394
Heidemann, Heinrich, Horstermark, Germany. Window for vehicles.....	850,834	Apr. 16	4261	895	127	2747
Heider Manufacturing Co. (See Luse, David N., assignor.)						
Heidland, Charles C. (See Emmerich and Heidland.)						
Heidorn, Hugo, Hamburg, Germany. Regulator for mantle-firing flames.....	850,752	Apr. 16	4111	860-1	127	2709
Heidorn, Hugo, Hamburg, Germany. Machine for firing incandescent gas-mantles.....	860,542	July 16	3408	936-7	129	1191
Heidt, Allen P., Bay Shore, N. Y. Combined snap-hook and chain-link.....	860,090	July 16	2740	747	129	970
Heil, John A., Wathena, Kans. Gopher-trap.....	861,174	July 23	4398	1208	129	1545
Heilemann, Walter, assignor to Fried. Krupp, Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Fluid-brake.....	869,366	Oct. 29	3397	934	130	2455
Heilig, Herschel M., Culbertson, and M. H. Reed, Blue Springs, assignors to said Heilig, and H. Scilley, Leavitt, Nebr. Beet-harvester. (Reissue).....	12,708	Oct. 29	4188	1156	130	2693
Heilman, Guy C., Hackensack, N. J., assignor of one-half to M. A. Herrick, New York, N. Y. Gas-producer.....	866,131	Sept. 17	2152	598	130	733
Heilman, William A. (See Erickson and Heilman.)						
Heim, Adam, Brownsville, assignor of one-half to C. A. Rieman, Connersville, Ind. Locking device for cross-wires.....	865,305	Sept. 3	831	240	130	252
Heim, Lewis R., Danbury, Conn. Machine for ironing fold-collars.....	865,977	Sept. 10	1918	537-8	130	631
Heiman, August, Coalinga, Cal. Pipe-tongs.....	867,132	Sept. 24	3646	1036	130	1234
Heimann, Heinrich, assignor to Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Safranin dye and making same.....	872,815	Dec. 3	1038		131	1332
Heimbach, Alton B., Duluth, Minn. Resilient attaching means for rubber heels.....	850,156	Apr. 16	2961	620	127	2412
Heimbucher, Gottlieb A., assignor of one-half to W. Kennedy, Chicago, Ill. Cover for railway-cars.....	849,785	Apr. 9	2287	470	127	2205
Heimerdinger, William C., Louisville, Ky. Corn-knife.....	843,602	Feb. 12	1535	325	126	2208
Heimerdinger, William C., Louisville, Ky. Safety-razor.....	845,782	Mar. 5	99	19	127	29
Heimerdinger, William C., Louisville, Ky. Safety-razor.....	845,783	Mar. 5	101	20	127	29
Heimerdinger, William C., Louisville, Ky. Safety-razor.....	845,784	Mar. 5	102	20	127	30
Heinrich, John, Port Clinton, Ohio. Air-inspirator.....	870,167	Nov. 5	449	124	131	147
Heimstädt, Oskar G., Vienna, Austria-Hungary. Single cemented objective-lens, also applicable as double objectives.....	849,900	Apr. 9	2508	518	127	2262
Hein, Adolf, Berlin, Germany. Dust-suction apparatus.....	842,661	Jan. 29	5848	1235	126	1638
Hein, Adolf, Berlin, Germany, assignor to Vacuum Cleaner Company. Portable dust-suction apparatus worked by means of an electromotor.....	865,387	Sept. 10	977	280	130	326
Hein & Möller-Holst, HJ. (See Schiödt, Frederik V., assignor.)						
Heine Chimney Company. (See Heine, Heinrich R., assignor.)						
Heine, Heinrich R., Chicago, Ill., assignor to Heine Chimney Company. Chimney construction.....	861,175	July 23	4398	1208	129	1545
Heine, Richard, New York, N. Y. Combined bob and purse.....	873,431	Dec. 10	2314	484	131	1569
Heineman, Charles H., Falls City, Nebr. Wheelbarrow-body.....	854,496	May 21	4273	884	128	1163
Heineman, Charles H., Falls City, Nebr. Wheelbarrow.....	855,309	May 28	5903	1231	128	1605
Heineman, Herbert S., Los Angeles, Cal. Suspenders.....	862,331	Aug. 6	368	101	129	2198
Heinen, William C., and W. F. Dau, Whittetmore, Iowa. Machine for displaying, measuring, and cutting off oil-cloth.....	866,277	Sept. 17	2363	657-8	130	801
Heinersdorf, Gustav, New York, N. Y. Sales-check.....	844,596	Feb. 19	3741	788	126	2791
Heinichen, Hugo A. L., Chicago, Ill. Heel-clip.....	849,901	Apr. 9	2509	518	127	2263
Heinitz, Woldemar R., assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Cash-register.....	858,982	July 2	1053	277-8	129	359
Heinitz, Woldemar R., assignor to The Firm of Schubert & Salzer, Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Cash-register.....	861,839	July 30	5170	1508-9	129	1914
Heinitz, Woldemar R., assignor to Firm of Schubert & Salzer Maschinenfabrik, Aktiengesellschaft, Chemnitz, Germany. Cash-register.....	869,084	Oct. 22	2952	814	130	2290
Heinitz, Woldemar R., assignor to Firm of Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Cash-register.....	875,075	Dec. 31	5679	1184	131	2200
Heinrichs, Joseph, New York, N. Y. Coffee-urn.....	851,417	Dec. 23	5426	1136	127	3079
Heintz, Jacob C., Buffalo, N. Y. Railway-tie.....	874,193	Apr. 17	3878	818	131	1854
Heintzelman, Taylor W., and J. G. Camp, Sacramento, Cal. Oil-burning steam-boiler.....	857,170	June 18	3371	710-11	128	2620
Heintzelman Taylor W., and J. G. Camp, Sacramento, Cal. Air-feeding appliance for oil-burning steam-boiler furnaces.....	861,515	July 30	4961	1363	129	1758
Heinz Manufacturing Company. (See Doty, Walter G., assignor.)						
Heinz, William V., La Salle, Ill. Wall-tie.....	863,919	Aug. 20	2842	781	129	3034
Heinze, Fritz A. (See Charles, Henry L., assignor.)						
Heinze, John O., Jr., Lowell, Mass. Induction-coil.....	863,175	Aug. 13	1734	466	129	2656
Heird, George W., and G. W. Brownawell, Pittsburg, Pa. Journal-box.....	845,548	Feb. 26	5620	1190	126	3304
Heisch, John, Jr., Allegheny, Pa. Receiver-support.....	844,722	Feb. 19	3999	852	126	2855
Heisdorf, Francis, Irvington, N. Y. Fastening device.....	853,638	May 14	2559	530	128	690
Heisel, Charles T., Cleveland, Ohio. Centrifugal concentrator.....	852,558	May 7	357	64	128	97
Heisel, Charles T., Cleveland, Ohio. Combined ore separator and amalgamator.....	858,456	July 2	139	37	129	46
Heiser, Charles J., East Pittsburg, Pa. Tap-socket.....	844,799	Feb. 19	4156	885	126	2898
Heiser, Charles J., East Pittsburg, Pa. Rail-joint.....	863,392	Aug. 13	2057	556	129	2759
Heiser, Frank A., et al. (See Bartenstein, John J., assignor.)						
Heiser, Johannes P., Denver, Colo. Trace loop or buckle.....	853,879	May 14	3065	628	128	816
Heisler, Charles L., Erie, Pa. Pumping-engine.....	853,359	May 14	2019	417	128	550
Heisler, Charles L., St. Marys, Ohio. Pumping machinery.....	856,636	June 11	2367	487	128	2325
Heisler, John T., assignor of two-thirds to N. Peterson, Yule, and J. H. Christiansen, Sentinel Butte, N. D. Horseshoe.....	859,495	July 9	1816	488	129	641
Heissenberger, John, New York, N. Y. Ink-well.....	861,840	July 30	5471	1509	129	1914
Heist, Thomas H. (See McGinty, Bernard, assignor.)						
Heitmann, Albert H., Columbus, Ohio. Base-ball-game apparatus.....	861,841	July 30	5472	1509-10	129	1914
Heitmann, Albert H., Columbus, Ohio. Pitcher for base-ball-game apparatus.....	861,842	July 30	5475	1510-11	129	1915
Heitmann, Albert H., Columbus, Ohio. Batter for base-ball-game apparatus.....	861,843	July 30	5477	1511	129	1916
Heitmann, Edward, Montclair, and F. W. Young, East Orange, assignors to Crocker-Wheeler Company, Ampere, N. J. Bridging-blocks for dynamo-electric machines.....	871,758	Nov. 19	3345	823	131	915
Heltzel, Jacob, York, Pa. Toy.....	865,246	Sept. 3	732	210	130	220
Heitzenrater, Samuel J., Covode, Pa. Hinge for stacker-sections and the like.....	868,559	Oct. 15	2108	590	130	2000
Heizmann, Jules, Strassburg, Germany. Heating apparatus.....	857,060	June 18	3162	665	128	2569
Helb, Edward, Railroad, Pa. Level.....	868,089	Oct. 15	1377	385-6	130	1776
Helber, Edward, Farmington, Mo. Cesspool.....	844,451	Feb. 19	3188	688	126	2662
Helberger, Hugo, Munich, Germany. Step-by-step electric seam-welding apparatus.....	853,241	May 14	1760	366	128	478
Helbig, Henry, Munich, Germany. Theater.....	844,127	Feb. 12	2507	538	126	2452
Held, Robert, St. Louis, Mo. Safety-float for ships.....	856,402	June 11	1920	394	128	2215
Heldmaier, Ernst, Ludwigsburg, Germany. Reciprocating hydraulic motor.....	860,660	July 23	3617	991	129	1292

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Heldman, Adolph, New York, N. Y. Automobile-wheel.	863,848	Aug. 20	2735	753	129	3002
Helgeson, Halvor T., Regina, Saskatchewan, Canada. Grain cleaning and pickling machine.	872,130	Nov. 26	4189	1000-1	131	1070
Helgeson, Herman. (See Gunderson, Thomas, assignor.)						
Heller, Abraham, New York, N. Y. Stamp.	862,396	Aug. 6	483	129	129	2238
Heller, Abraham, and J. Roman, New York, N. Y. Oil-guard for sewing-machines.	856,779	June 11	2633	541	128	2395
Heller, Adam and D., Baltimore, Md.; said Adam Heller assignor to said D. Heller. Molding-machine.	862,073	July 30	5820	1613-14	129	2023
Heller, Adam and D., Baltimore, Md.; said Adam Heller assignor to said D. Heller. Apparatus for handling mold-flasks.	862,074	July 30	5823	1614-15	129	2024
Heller, Charles S., Philadelphia, Pa. Safety-gate-controlling means.	849,842	Apr. 9	2407	491	127	2237
Heller, Clarence W., Galva, Ill. Baker's oven.	858,000	June 25	5025	1061	128	3067
Heller, David. (See Heller, Adam and D.)						
Heller, Lewis L., and C. W. Hancock, Binghamton, N. Y.; said Hancock assignor to said Heller. Tool for manipulating pneumatic tires.	840,938	Jan. 8	2310	508	126	630
Heller, Noah M., Sharpsburg, Pa. Bucket.	857,622	June 25	4241	896	128	2869
Heller, Siegmund, and C. Baumgartl, Teplitz, Austria-Hungary. Producing a metallic coating on a non-vitreous surface.	850,753	Apr. 16	4113		127	2710
Heller Tool Co. (See Lyons, William W., assignor.)						
Heller, William A., Akron, Ohio. Tire.	871,404	Nov. 19	2647	676	131	801
Hellman, Henry, and L. C. Bayles, Johannesburg, Transvaal. Rock-drill.	842,953	Feb. 5	220	50	126	1844
Hellman, Henry, and L. C. Bayles, Johannesburg, Transvaal. Drill or bit rotating mechanism for rock-drilling machines or engines.	845,952	Mar. 5	464	96	127	120
Hellman, Henry, and L. C. Bayles, Johannesburg, Transvaal. Water-supplying attachment for rock-drilling machines.	847,286	Mar. 12	3116	687	127	816
Hellman, Henry, and L. C. Bayles, Johannesburg, Transvaal. Means for mounting rock-drilling machines or engines.	850,885	Apr. 16	4371	916	127	2777
Hellman, Henry, and L. C. Bayles, Johannesburg, Transvaal. Rock-drilling machine or engine.	872,417	Dec. 3	201	40-1	131	1200
Hellman, Henry, and L. C. Bayles, Johannesburg, Transvaal. Rock-drilling machine or engine.	872,418	Dec. 3	209	41	131	1201
Hellman, Henry, and L. C. Bayles, Johannesburg, Transvaal. Water-supplying attachment for rock-drilling machines.	872,996	Dec. 3	1413	296	131	1390
Hellmund, Rudolf E., New York, N. Y. Circuit-breaker.	846,469	Mar. 12	1513	336	127	413
Hellstrom, John A., Pittsburg, and G. W. Exler, Allegheny, assignors of one-third to T. H. Flynn, Pittsburg, Pa. Cork cutting and tapering machine.	841,646	Jan. 15	3705	805-6	126	1032
Hellstrom, John A., Pittsburg, and G. W. Exler, Allegheny, assignors of one-third to T. H. Flynn, Pittsburg, Pa. Cork cutting and tapering machine.	867,822	Oct. 8	912	259	130	1612
Hellweg, Henry, Milwaukee, Wis., assignor to Acme Heel Company, Rochester, N. Y. Cord-fastener.	842,459	Jan. 29	5446	1154	126	1544
Helm, Charles J., <i>et al.</i> (See Helm, Frank, assignor.)						
Helm, Chriss, Belpre, Ohio. Carpet-stretcher.	849,997	Apr. 9	2658	557	127	2299
Helm, Frank, assignor of two-thirds to C. J. Helm and E. Roesser, Traverse City, Mich. Woodworker's bench-clamp.	841,012	Jan. 8	2442	533	126	663
Helm, John, St. Louis, Mo. Excavating-machine.	848,742	Apr. 2	243	48-50	127	1648
Helm, John, St. Louis, Mo. Excavating bucket and cutter.	848,743	Apr. 2	248	50	127	1649
Helm, Samuel W., New York, N. Y. Box.	874,337	Dec. 17	4171	878	131	1902
Helm, Wilhelm, Berlin, Germany. Cooling apparatus.	849,998	Apr. 9	2660	558	127	2300
Helman, Edward C. (See Harden, Harry, assignor.)						
Helman, Ezra B., Indiana, Pa. Receiver-holder for telephones.	862,909	Aug. 13	1319	359	129	2523
Helmback, Albert, Saarbrücken, Germany. Shaving-brush.	852,878	May 7	1043	215	128	266
Helmer, Robert, and W. F. Stute, Jr., Hector, Minn. Box-fastener.	863,920	Aug. 20	2843	781	129	3035
Helmick, Frank, and T. B. Perkins, Baker City, Oreg. Spring-bolster.	875,523	Dec. 31	6545	1365	131	2344
Helmold, Julius F., Chicago, Ill. Liquid-soap holder.	847,000	Mar. 12	2571	565	127	683
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	848,649	Apr. 2	50	11	127	1597
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	853,242	May 14	1761	367	128	478
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	856,254	June 11	1569	329	128	2124
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	875,262	Dec. 31	6037	1259	131	2261
Helms, James W., East St. Louis, Ill. Railway-crossing.	862,845	Aug. 6	1224	330-1	129	2458
Helms, Robert C., assignor of one-half to H. A. Pearce, Dothan, Ala. Millstone-dressing machine.	868,090	Oct. 15	1378	886	130	1776
Helvig, Gilbert O., Dawson, Minn. Stovepipe-fastener.	875,524	Dec. 31	6546	1365	131	2344
Helvig, Gilbert O., and E. Danielson, Dawson, Minn. Attachment for traction-operated implements.	867,368	Oct. 1	220	63	130	1379
Helwig, Anna. (See Thomas, Owen W., assignor.)						
Hemann, Bennard, and A. Guenther, Belleville, Ill. Nut lock or fastening device.	872,816	Dec. 3	1040	218	131	1332
Hemenway, Byron A., Watertown, N. Y. Lathe-tool and holder.	867,725	Oct. 8	755	211	130	1564
Hemenway, Charles S., Covelo, Cal. Wrench.	862,332	Aug. 6	369	101	129	2109
Hemenway, Charles S., and F. M. Thomson, Covelo, Cal. Wire-stretcher.	843,603	Feb. 12	1536	325	126	2299
Hemenway, John F. (See Meyer, Paul L., assignor.)						
Hemenway, Melville D., San Francisco, Cal. Controller for rotating shafts.	866,278	Sept. 17	2366	658	130	802
Hemingray, Ralph G., Muncie, Ind., and J. O. Jensen, Rochester, N. Y. Furnace.	866,787	Sept. 24	3125	879-80	130	1076
Hemingway, Joseph, Beulah, Wyo. Bottle.	847,334	Mar. 19	3220	709	127	870
Hemleb, Martin, Elizabeth, N. J., assignor to Singer Manufacturing Company. Feeding mechanism for sewing-machines.	863,533	Aug. 13	2255	611	129	2818
Hemmerling, Josef, Dresden, Germany. Press for moist materials.	848,171	Mar. 26	4925	1075	127	1331
Hemmings, James F., St. Leonards-on-Sea, England. Nut-lock and lock-nut.	861,844	July 30	5479	1511	129	1916
Hemp, Thomas, assignor of one-half to J. H. Swartzel, Middlebrook, Va. Nut-lock.	868,091	Oct. 15	1380	386	130	1777
Hempel, Hans, Chicago, Ill. Attachment for washboilers.	869,904	Nov. 5	48	14	131	17
Hempel, Henry A., Buffalo, N. Y. Printer's quoin.	866,358	Sept. 17	2495	696	130	843
Hemphill, Harry, Sarver, Pa. Rail-brace for railway-rails.	861,845	July 30	5480	1512	129	1917
Hemphime, Alexandre de, Ghent, Belgium. Eliminating the odors of fish-oils.	852,662	May 7	585	111	128	152
Hemsey, Joseph A., Trenton, N. J. Vehicle-top.	873,233	Dec. 10	1912	401-2	131	1502
Hemstreet, George P., Hastings-upon-Hudson, N. Y., assignor to International Pavement Company, Hartford, Conn. Severing apparatus.	848,550	Mar. 26	5652	1238	127	1511
Hemstreet, George P., Hastings-upon-Hudson, N. Y., assignor to International Pavement Company, Hartford, Conn. Measuring apparatus.	852,718	May 7	693	134	128	182
Henabray, Frank E., Utica, N. Y. Carbureter.	855,574	June 4	244	49	128	1758
Hencke, John W., Cleveland, Ohio. Folding nursery-chair.	859,557	July 9	1921	516-17	129	675
Hency, John, Perry, N. Y. Automatic switch.	851,935	Apr. 30	6501	1355-6	127	3381
Hendershot, Fuller R., Plymouth, Pa. Attachment for dump-carts.	853,512	May 14	2307	478	128	626
Hendershott, Charles, Bellefontaine, Ohio. Tie for wire fences.	851,807	Apr. 30	6224	1298	127	3311

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Henderson, Carl. (See McCain and Henderson.)						
Henderson, Charles H., Chicago, Ill. Structural-iron-punching device	874,194	Dec. 17	3879	818-19	131	1854
Henderson, Charles L., Woodstock, Ontario, Canada. Wrench	868,858	Oct. 22	2606	720	130	2180
Henderson, Clark T., Pittsburg, Pa., and N. C. Bassett, assignors to Cutler-Hammer Mfg. Co., Milwaukee, Wis. Electrically-operated coal-hoist	873,312	Dec. 10	2080	434-5	131	1529
Henderson, Edwin F., West Allis, Wis. Sash-lock	860,470	July 16	3306	904	129	1157
Henderson, Edwin L., Norwood, assignor to Kemper-Thomas Company, Cincinnati, Ohio. Garment-hanger	844,597	Feb. 19	3744	788	126	2791
Henderson, George A., Stephenville, Tex. Combined educational chart, drawing-board, and writing-desk	871,934	Nov. 26	3743	911-12	131	1004
Henderson, James C., Los Angeles, Cal. Bottle-neck-forming machine	845,235	Feb. 26	5000	1063	126	3151
Henderson, John B. (See Walters and Henderson.)						
Henderson, John D., Everett, assignor to Henderson Trapcrete Company, Boston, Mass. Constructing or paving street, road, and other ways	869,181	Oct. 22	3086	850-1	130	2331
Henderson, John R., Los Angeles, Cal. Wave-motor	874,589	Dec. 24	4682	984	131	2016
Henderson, Joseph T., Niagara Falls, Ontario, Canada. Door-knob	863,176	Aug. 13	1736	466	129	2657
Henderson, Louisa B., New York, N. Y. Sewing-machine table	867,040	Sept. 24	3512	996	130	1195
Henderson, Nathaniel M., Henderson, N. C. Cotton-picker	841,687	Jan. 22	3801	827-8	126	1089
Henderson, Norman M., Broxburn, Scotland. Apparatus for treating paraffin-wax	841,965	Jan. 22	4356	940	126	1229
Henderson, Robert, Ben Franklin, Tex. Hog-carrier	844,357	Feb. 19	3013	643	126	2620
Henderson, Robert E., and J. N. King, assignors of one-half to E. O. Williams and J. W. King, Los Angeles, Cal. Insulator	865,697	Sept. 10	1466	414	130	477
Henderson, Rufus C., Kankakee, Ill. Straddle or gang plow	857,061	June 18	3163	665-6	128	2569
Henderson, Thomas M., Portsmouth, assignor of one-half to R. R. Hicks, Norfolk, Va. Automatic self-balancing valve	866,132	Sept. 17	2153	599	130	733
Henderson Trapcrete Company. (See Henderson, John D., assignor.)						
Henderson, Walter B., Decatur, Ala. Money-order cabinet	860,027	July 16	2651	720	129	942
Henderson, William B., London, England. Device to enable photographic plates to be exposed in sections	864,643	Aug. 27	3982	1105	129	3416
Henderson, William J. (See Martin, Henry J. S., assignor.)						
Henderson, William M. (See Reineohl and Henderson.)						
Henderson, William M., High Spire, assignor to Pennsylvania Steel Company, Philadelphia, Pa. Movable-point crossing	846,029	Mar. 5	631	132	127	162
Hendler, Bernard. (See Sheridan, John J., assignor.)						
Hendler, John J., Chicago, Ill., assignor to Tiger Tire Company. Rubber vehicle-tire	865,698	Sept. 10	1467	414	130	478
Hendler, John J., Chicago, Ill., assignor to Tiger Tire Company. Rubber vehicle-tire	865,699	Sept. 10	1468	415	130	478
Hendley, Marion J., Athens, Tex. Making concrete tombstones	859,062	July 2	1163		129	394
Hendon, Walter P., Dallas, Tex., assignor to Emerson Manufacturing Company, Rockford, Ill. Wheeled plow	845,082	Feb. 26	4698	997	126	3072
Hendon, Walter P., Dallas, Tex., assignor to Emerson Manufacturing Company, Rockford, Ill. Plow	845,825	Apr. 2	455	90	127	1702
Hendrich, August, Greencastle, assignor to Hercules Gate Company, Putnam county, Ind. Gate	851,936	Apr. 30	6505	1356	127	3381
Hendrick, Thomas A., assignor to J. R. Fretz, Sauquoit, N. Y., and F. L. Rogers, Warrington, Pa. Whiffletree trace-fastener	874,590	Dec. 24	4684	984	131	2017
Hendricks, Alexander F., Warren, Okla. Ter. Corn and maize header and cutter	862,734	Aug. 6	1054	285	129	2407
Hendricks, Augustin, Grand Rapids, Mich. Combined packing-box and stand	849,999	Apr. 9	2662	558	127	2300
Hendricks, Daniel R. (See Barse, Mills W., assignor.)						
Hendricks, Thomas B., Twin Falls, Idaho. Brush-cutting machine	843,604	Feb. 12	1538	325	126	2209
Hendrickson, Henry, Rushford, Minn. Shock-loader	845,638	Feb. 26	5792	1224	126	3346
Hendrickson, John A., Stedman, Cal. Combination-tool	857,459	June 18	3905	830	128	2753
Hendrickson, Loren E., assignor of one-half to A. C. Rosser, Osage City, Kans. Bottle-seal	862,735	Aug. 6	1055	285	129	2407
Hendrickson, Sidney W., White Plains, N. Y. Manufacturing concrete blocks for building purposes	850,112	Apr. 9	2873	601	127	2351
Hendriks, Bartholomeus J., Lienden, near Kesteren, Netherlands. Steam cooking apparatus	857,523	June 18	4035	859	128	2786
Hendrikszoon, Willem J. J., The Hague, Netherlands. Making a solution of oxyhemoglobin	840,326	Jan. 1	1078		126	288
Hendry, Thomas W., San Francisco, Cal. Internal-combustion engine	859,383	July 9	1667	443-4	129	593
Hendryx, Andrew B., assignor to Andrew B. Hendryx Co., New Haven, Conn. Bird-cage	845,785	Mar. 5	104	20	127	30
Hendryx, Wilbur A., Denver, Colo. Depositing and recovering metals	860,661	July 23	3618	991	129	1293
Hendryx, Wilbur A., Denver, Colo. Apparatus for depositing metals	866,858	Sept. 24	3224	907	130	1106
Hendryx, Wilbur A., Denver, Colo. Apparatus for depositing metals	866,859	Sept. 24	3229	908	130	1107
Hendryx, Wilbur A., Denver, Colo. Recovering solutions	870,289	Nov. 5	652	175	131	213
Hendy, John, and H. J. S. Stobart, West Smethwick, England. Oil-vapor lamp	868,184	Oct. 15	1500	425	130	1814
Henerlau, Otto L., Newark, N. J. Button	853,575	June 4	246	49	128	1758
Heney, Thomas, Alpena, Mich. Vehicle-top support	869,567	Oct. 29	3731	1021	130	2558
Hengelsberg, Julius F. (See Lahn, Ferdinand, assignor.)						
Hengesch, Ferdinand. (See Edwards, Richard J., assignor.)						
Henjum, John A. (See Mullen, William G., assignor.)						
Henke, Frederick J. (See Schneller and Henke.)						
Henke, Henry F., Waconia, Minn. Sack-holder	851,749	Apr. 30	6105	1276	127	3278
Henke, Willy, Jersey City Heights, N. J. Advertising apparatus	863,404	Sept. 10	1148	326	130	378
Henkel, Adolf W., assignor of one-half to R. E. Wilkinson, Kenosha, Wis. Rotary engine	870,290	Nov. 5	653	175	131	213
Henkel, George, Springfield, Ohio. Water cut-off	857,171	June 18	3373	711	128	2620
Henkelman, Frederick. (See Kindig, Samuel C., assignor.)						
Henkle, Edward A. (See Pendleton, John H., assignor.)						
Henkle, Edward A., assignor to International Speed Register Co., Philadelphia, Pa. Dial for speed-recording instruments	859,941	July 16	2501	679	129	891
Henlein, Martin L., Two Rivers, assignor of one-half to R. J. Breece, Milwaukee, Wis. Ironing-board	845,352	Feb. 26	5245	1112	126	3210
Henley, Charles M. (See Berger, Joseph, assignor.)						
Henley, Norman W. (See Bruen, Edwin C., assignor.)						
Hennard, Joseph. (See Bush, Alexander, assignor.)						
Hennebique, François, Paris, France. System of construction for foundations, dams, sea-walls, and the like	868,092	Oct. 15	1380	387	130	1777
Henneböhle, Frank, South Chicago, Ill. Engine	857,802	June 25	4603	975-6	128	2962
Hennemann, John B., Bloomer, Wis. Sleigh-knee	860,294	July 16	3032	830	129	1066
Hennen, Joseph E. (See Georgensson and Hennen.)						
Hennen, Joseph E. (See Georgensson and Hennen.) (Reissue.)						
Hennessey, John J., and P. N. Moore, Milwaukee, Wis., assignors to said Hennessey and W. H. Miner, Chicago, Ill. Friction spring draft-rigging for railway-cars	862,910	Aug. 13	1319	359-6	129	2523
Hennig, Rudolf, Zweibrücken, Germany. Governing means for internal-combustion engines	852,272	Apr. 30	7161	1501-2	127	3547

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Henniger, Adolf, Berlin, Germany. Pencil.	848,031	Mar. 26	4705	1025	127	1275
Henning, George W., and A. W. Beeson, Washington, Pa. Glass pressing and blowing machine.	857,803	June 25	4605	976-7	128	2962
Henning, James A., Beardstown, Ill. Dental tray.	857,240	June 18	3494	738	128	2651
Henning, Peter A., Kenyon, Minn. Elevated carrier.	870,363	Nov. 5	796	212	131	260
Henninger, George S., Linton, Ind. Street-car signal.	871,587	Nov. 19	3028	754	131	862
Henningsen and Jensen. (See Jensen, Thorvald G., assignor.)						
Hemmon, Amzi G., Houston, Tex. Composite roofing.	854,740	May 28	4757	988	128	1313
Henrich, Peter, assignor of one-half to G. H. Linder, Hoquiam, Wash. Fruit-box.	851,132	Apr. 23	4821	1016	127	2926
Henrich, Peter, assignor, by mesne assignments, of one-half to J. Milhofer, Hoquiam, Wash. Fruit-box.	874,891	Dec. 24	5256	1107	131	2114
Henricl, William A. E., Boston, Mass. Clutch.	840,847	Jan. 8	2113	466-7	126	580
Henricks, Charles R., Norristown, Pa. Ventilating device for shoes.	861,846	July 30	5481	1512	129	1917
Henricks, Isaac M., assignor of one-half to H. G. Beckner, Greenfield, Ind. Conveying apparatus.	853,976	May 21	3274	672	128	909
Henrikson, Emanuel, assignor to Bullard Machine Tool Company, Bridgeport, Conn. Speed-box and brake-operating mechanism.	862,075	July 30	5824	1615-16	129	2024
Henry, Alexander S., New York, N. Y. Railway-wheel.	845,001	Feb. 19	4522	964	126	2988
Henry Disston & Sons. (See Freas, Samuel, assignor.)						
Henry Disston & Sons. (See King, Ernest A., assignor.)						
Henry, Earl, Allegheny, Pa. Wrench.	874,845	Dec. 24	5166	1088	131	2100
Henry, Edward. (See Stafford and Henry.)						
Henry, Edward, Belcherville, Tex. Railway-tie.	871,695	Nov. 19	3217	797	131	894
Henry Ford Company. (See Ford, Henry assignor.)						
Henry, Francis M., Minneapolis, Minn. Mold for concrete construction.	855,174	May 28	5661	1178	128	1544
Henry, Fred H., assignor to J. A. Brill, Philadelphia, Pa. Car-seat.	858,178	June 25	5374	1143	128	3155
Henry, George J., Jr., San Francisco, Cal. Safety means for fluid-pressure lines.	853,785	May 14	2853	587	128	767
Henry, George J., Jr., San Francisco, Cal. Regulating means for hydraulic nozzles.	853,786	May 14	2856	587	128	768
Henry, George J., Jr., San Francisco, Cal. Stream-deflector.	853,787	May 14	2858	587	128	768
Henry, George J., Jr., assignor of one-half to Pelton Water Wheel Company, San Francisco, Cal. Hydraulic-nozzle support.	863,795	Aug. 20	2654	734	129	2976
Henry, George J., Jr., assignor of one-half to Pelton Water Wheel Company, San Francisco, Cal. Regulating means for water-wheel nozzles.	870,291	Nov. 5	654	176	131	214
Henry, George J., Jr., assignor of one-half to Pelton Water Wheel Company, San Francisco, Cal. Regulating means for impact-streams.	870,292	Nov. 5	658	176	131	215
Henry, Harvey J., Massillon, Ohio. Gas-engine.	853,303	May 14	1911	397	128	522
Henry, Helen, administratrix. (See Badgley, Eugene F.)						
Henry, Horace L., and W. Althoff, Geneva, N. Y. Grinding-machine.	849,391	Apr. 9	1549	314	127	2019
Henry, Horace L., and W. Althoff, Geneva, N. Y. Safety-razor.	870,826	Nov. 12	1526	417	131	528
Henry, James, New York, N. Y. Binder's stamp.	855,105	May 28	5538	1150	128	1512
Henry, James A., New York, N. Y. Composition of matter for coating gilded surfaces.	843,812	Feb. 12	1915	126	2308	
Henry, James E., Ashland, Wis. Flue-blow-out device for boilers.	853,360	May 14	2020	417-18	128	551
Henry, John B., Aspinwall borough, assignor to Union Steel Casting Company, Pittsburgh, Pa. Annealing-box.	870,558	Nov. 12	1077	293	131	380
Henry, John H. (See Cook and Henry.)						
Henry, John H., Brattleboro, Vt. Combined countersinking and counterboring attachment.	857,344	June 18	3691	780	128	2702
Henry, John J., Watson, Ill. Magazine-firearm.	873,547	Dec. 10	2546	538-9	131	1608
Henry, John L. (See Sparmaker and Henry.)						
Henry, John P., Franklin, Pa. Wedge-adjusting device for connecting-rod heads.	855,003	May 28	5297	1101	128	1451
Henry, John W., New York, N. Y. Chair-seat.	873,939	Dec. 17	3326	709	131	1772
Henry, Joseph, Island Falls, Me. Saw-handle.	844,723	Feb. 19	4001	852	126	2855
Henry Likly & Company. (See Cannan, John J., assignor.)						
Henry Likly & Company. (See Likly and Cannan, assignors.)						
Henry, Lydia E., Vandergrift, Pa. Bedclothes-holder.	849,902	Apr. 9	2511	518	127	2263
Henry, Milton J., Oak Park, Ill. Combined shovel and plow.	845,549	Feb. 26	5620	1190-1	126	3304
Henry R. Worthington. (See Brown, William C., assignor.)						
Henry R. Worthington. (See Mueller, Otto H., assignor.)						
Henry R. Worthington. (See Schwanhauser, William, assignor.)						
Henry, Robert A. (See Fain and Henry.)						
Henry S. Spackman Engineering Company. (See Spackman and Lazell, assignors.)						
Henry, Thomas C., Montgomery, La. Rotary engine.	872,234	Nov. 26	4405	1047	131	1104
Henry Vogt Machine Company. (See Thurstensen, Soren, assignor.)						
Henry, William J., Oklahoma, Okla. Ter. Metallic window-frame.	867,369	Oct. 1	221	63	130	1380
Henry, William K., assignor to P. & F. Corbin, New Britain, Conn. Door-hinge.	873,432	Dec. 10	2315	484	131	1569
Henry, William K., assignor to P. & F. Corbin, New Britain, Conn. Door closer and check.	873,433	Dec. 10	2316	485	131	1570
Henry, William W., Wollaston, assignor to S. H. Couch, Boston, Mass. Intercommunicating telephone.	870,168	Nov. 5	451	124-5	131	148
Henry & Wright Manufacturing Company. (See Bayrer, William J., assignor.)						
Hensel-Colladay Company. (See Kirberg, Jacob E., assignor.)						
Hensel, Emil, Berlin, Germany. Flexible link-shaft.	855,106	May 28	5539	1150	128	1512
Henselwood, Peter J. (See Saxton, Henselwood, and Johnson.)						
Hensley, Albert J., Sacramento, Cal. Bricklayer's scaffold.	864,303	Aug. 27	3419	951	129	3239
Henshaw, James T. (See Turtton and Henshaw.)						
Hensley, Charles G., New York, N. Y., assignor, by mesne assignments, to J. G. Brill Company, Philadelphia, Pa. Sand-box.	870,101	Nov. 5	345	97	131	115
Hensley, George P., assignor of one-half to E. N. Richardson, Girard, Kans. Razor-strop.	865,495	Sept. 10	1148	326	130	379
Hensley, James M., Mount Vernon, Wash. Stump-puller and capstan.	861,977	July 30	5668	1573	129	1974
Hensley, John, Huntington, Ind. Trolley-harp.	859,449	July 9	1750	467	129	620
Hensley, William N., assignor of one-half to C. C. Gray, Columbus, Nebr. Car-coupling.	843,605	Feb. 12	1540	326	126	2210
Henson, Charles W., Chicago, Ill. Pressure-equalizing valve.	867,370	Oct. 1	222	64	130	1380
Henson, Harry H., Columbus, Ohio. Nut-lock.	859,063	July 2	1163	313	129	394
Henson, John H., Cooley, Okla. Ter. Knife.	870,678	Nov. 12	1276	348	131	448
Henson, Marshal, assignor of one-third to U. Hawk, Doe Run, Mo. Ore-feeding mechanism.	873,748	Dec. 17	2948	625	131	1708
Hentgen, Theodor, New York, N. Y. Measuring-pump.	855,310	May 28	5904	1231	128	1605
Hentig, Frank M. (See Crane and Hentig.)						
Hennis, Maurice P., Norfolk, Va. Convertible railway-car.	867,917	Oct. 8	1068	302	130	1659
Hennis, Maurice P., and D. S. Clark, Norfolk, Va. Dumping-car.	867,726	Oct. 8	757	212	130	1564
Henwood, Horace E., New York, N. Y. Bedstead.	852,507	May 7	259	47	128	72
Henwood, Horace E., New York, N. Y. Bedstead attachment.	852,508	May 7	261	47-8	128	73
Henzel, Casper H., Allegheny, Pa. Heater.	854,497	May 21	4275	884	128	1163
Henzel, John G., Chicago, Ill. Artificial bait.	871,935	Nov. 26	3744	912	131	1004
Hepburn, James T., Lochwinnoch, Scotland. Motor-car.	873,434	Dec. 10	2317	485-6	131	1570

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Hepburn, Rufus I., Portland, Oreg. Toy fireplace.....	856,060	June 4	1169	247	128	1988
Heppler, Irvin E. (See Crotto, Gilbert A., assignor.).....						
Hepner, Rufus B., New York, N. Y. Water-closet seat.....	841,519	Jan. 15	3470	748	126	974
Hepp, Charles, Shelbyville, Ind. Fastening device for tables.....	856,255	June 11	1570	329	128	2124
Heppe, Florence J., Philadelphia, Pa. Musical instrument.....	859,496	July 9	1816	488	129	642
Heppe, George, Philadelphia, Pa. Article of confectionery.....	873,369	Dec. 10	2208	460	131	1549
Heraeus W. C., Firm of. (See Haagn, Ernst, assignor.).....						
Herald, William J., Hamilton, Ontario, Canada. Wire-drawing machine.....	845,462	Feb. 26	5470	1158	126	3267
Herath, Augustus, and I. Hultman, Schenectady, N. Y. Automatic tripping safety device for electric motors.....	863,177	Aug. 13	1737	466-7	129	2657
Herbeck, Frank, Orange, Mass. Curtain-fixture.....	855,311	May 28	5906	1231	128	1606
Herbein, Josephine A., Seattle, Wash. Artificial fuel and making the same.....	849,068	Apr. 2	909	.....	127	1820
Herbener, John H., Providence, R. I., assignor to J. H. Herbener Company. Hanger.....	839,843	Jan. 1	74	18	126	22
Herbert, Charles G., Detroit, Mich. Starting mechanism for gas-engines.....	846,106	Mar. 5	796	167	127	204
Herbert, Charles H., Chicago, Ill. Rope-holder.....	856,256	June 11	1571	330	128	2125
Herbert, George, Jr., Glasgow, Scotland. Mechanism for detaching biscuits from their pans.....	874,195	Dec. 17	3881	819	131	1855
Herbert, Henry J., et al. (See Ward, Dell, assignor.).....						
Herbert, James P., and H. S. and E. J. Price, New Brunswick, N. J. Potato digger and assorter.....	847,071	Mar. 12	2714	598	127	717
Herbert, Margaret J., Kingston, N. Y. Ironing-board chair.....	862,970	Aug. 13	1405	382	129	2552
Herbert, Samuel, assignor to Hutchins Car Roofing Company, Detroit, Mich. Car-roof.....	845,414	Feb. 26	5363	1138	126	3240
Herbert, William B., West Nutley, N. J. Adding-machine.....	860,662	July 23	3619	991	129	1293
Herbig, Adolf, Cologne-Bickendorf, Germany. Varnish for producing mat surfaces.....	861,847	July 30	5482	.....	129	1917
Herbrand Company. (See Fetzter, James J., assignor.).....						
Herbst, Frederick, assignor of one-half to I. A. Martin and R. W. Haskins, Ouray, Colo. Charge-forming device for internal-combustion engines.....	872,419	Dec. 3	214	41-2	131	1201
Hercules Gate Company. (See Hendrich, August, assignor.).....						
Hercules Truck Company. (See Davenport, Isaac L., assignor.).....						
Herd, Adolph. (See Schofield and Herd.).....						
Herdie, Frederick J., Chicago, Ill. Form-bed for printing-presses.....	848,104	Mar. 26	4823	1052	127	1305
Herdich, William F., Chicago, Ill. Pencil-sharpener.....	874,961	Dec. 31	5457	1141	131	2163
Herdich, William F., and G. Garnisa, Chicago, Ill. Cigar-cutter.....	853,924	May 14	3162	646	128	841
Herendeen, Charles, Chicago, Ill. Bed for sleeping-cars.....	863,921	Aug. 20	2844	782	129	3035
Herendeen, Charles, Chicago, Ill. Construction of beds for railway sleeping-coaches.....	864,095	Aug. 20	3098	855-6	129	3112
Herhold, Frederick H. (See Lynch, Daniel, assignor.).....						
Hérison, Albert, Nîmes, France. Friction-clutch.....	841,520	Jan. 15	3471	748-9	126	974
Herivel Nicholas R. (See Mills, Monell, and Herivel.).....						
Herman, Adah D., Hemet, Cal. Combination toilet-box.....	853,361	May 14	2021	418	128	551
Herman, Antoine G., Aix-la-Chapelle, Germany. Apparatus for hardening and tempering card-teeth.....	870,364	Nov. 5	797	213	131	260
Herman, Benno. (See Heubach, Ernst, assignor.).....						
Herman, Charles, Allegheny, assignor to Herman Pneumatic Machine Company, Zelienople, Pa. Molding-machine.....	851,166	Apr. 23	4909	1032-3	127	2950
Herman, Clifton E., Columbus, Ohio. Dumping-car.....	840,624	Jan. 8	1695	372	126	478
Herman, Emil. (See Herman, Raymond L., assignor.).....						
Herman, James H., Ambridge, Pa. Douche-cot.....	848,032	Mar. 26	4707	1026	127	1276
Herman Pneumatic Machine Company. (See Herman, Charles, assignor.).....						
Herman, Raphael, Detroit, Mich. Boiler-tube cleaner.....	845,083	Feb. 26	4702	997	126	3074
Herman, Raymond L., New York, N. Y., assignor, by mesne assignments, to Hall-Borchert Dress Form Company. Combined marker and tracing-wheel.....	846,919	Mar. 12	2421	532	127	645
Herman, Raymond L., assignor, by mesne assignments, to E. Herman, New York, N. Y. Folding bed.....	871,505	Nov. 19	2873	721	131	835
Herman, Reinhold, Crafton, Pa. Motor-vehicle.....	851,418	Apr. 23	5428	1137	127	3080
Herman, Reinhold, Crafton, Pa. Air-cooling system for explosive-engines.....	862,250	Aug. 6	227	62	129	2153
Hernance, J. Henry, Hot Springs, Ark. Time-controlled mechanism.....	846,470	Mar. 12	1517	336-7	127	414
Hernand, Lucien, Montmorency, France. Wrench.....	868,436	Oct. 15	1923	537	130	1940
Hermann, John, Saginaw, Mich. Bath-cabinet.....	850,367	Apr. 16	3369	704	127	2522
Hermann, Leibn, New York, N. Y. Floor and ceiling construction for fireproof buildings.....	862,911	Aug. 13	1321	360	129	2524
Hermann, Max P., Philadelphia, Pa. Surgical-instrument holder.....	867,727	Oct. 8	758	212	130	1564
Hermann, Otto, Philadelphia, Pa. Amusement apparatus.....	867,506	Oct. 1	419	119-20	130	1445
Hermann, Seymour, New York, N. Y. Treating cloth.....	855,708	June 4	502	105	128	1823
Hermanson, Carl G., Derby, Conn. Pedal-action for piano-players.....	848,366	Mar. 26	5321	1159	127	1427
Hermanson, Gustaf A., Chicago, assignor to J. Munton, Maywood, Ill. Car-coupling.....	847,408	Mar. 19	3381	740	127	911
Hermetic Closure Co. (See Landsberger and Buhles, assignors.).....						
Hermisdorf, Max, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Barrel-recoil gun with wedge breech-block.....	842,547	Jan. 29	5609	1187	126	1508
Hermisdorf, Max, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Gun-closure.....	859,558	July 9	1922	517-18	129	675
Hermisdorf, Max, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Lever-actuated wedge breech mechanism for guns.....	860,471	July 16	3307	904-5	129	1158
Hermisdorf, Max, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Device for storing-up power in helical springs.....	864,165	Aug. 27	3214	890	129	3175
Herndon, Emmet L., Mayview, Mo. End-gate.....	861,849	July 30	5484	1512-13	129	1917
Herndon, Joseph J., assignor of one-half to A. C. Harrington, Newkirk, Okla. Ter. Rail-joint.....	867,657	Oct. 8	656	186	130	1533
Herne, Signor S. (See Wagner and Herne.).....						
Hernlen, Emile J. (See Wirtz and Hernlen.).....						
Hernsheim, Maurice, and C. E. Bonwell, Mannington, W. Va. Pickling.....	865,700	Sept. 10	1470	.....	130	478
Hero Fruit Jar Company. (See Riling and Sage, assignors.).....						
Herod, Charles H. (See Muir and Herod.).....						
Heron, Alexander, Calder, Ontario, Canada. Cattle-guard.....	849,130	Apr. 2	1058	212	127	1859
Héroult, Paul L. T., La Praz, France. Navigation.....	855,510	June 4	128	26	128	1726
Héroult, Paul L. T., La Praz, assignor to Société Electro-Metallurgique Française, Forges, Isère, France. Purifying metals.....	851,167	Apr. 23	4913	.....	127	2951
Héroult, Paul L. T., La Praz, assignor to Sté. Electro Metallurgique Française, Forges, Isère, France. Electric furnace and process. (Reissue.).....	12,658	June 4	1440	304	128	2056
Héroult, Paul L. T., La Praz, assignor to Societe Electro-Metallurgique Française, Forges, Isère, France. Electric furnace.....	858,718	July 2	617	161	129	213
Héroult, Paul L. T., La Praz, assignor to Societe Electro-Metallurgique Française, Forges, France. Electric smelting.....	861,280	July 30	4593	1255	129	1645
Héroult, Paul L. T., La Praz, assignor to Societe Electro-Metallurgique Française, Forges, Isère, France. Electric furnace and method.....	871,273	Nov. 19	2344	610	131	756
Héroult, Paul L. T., La Praz, assignor to Societe Electro-Metallurgique Française, Forges, France. Electric furnace.....	871,338	Nov. 19	2501	645	131	780

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Herpolsheimer, Paul. (See McDonald, John, assignor.)						
Herr, Abram B., Lancaster, Pa. Milk-can-washing machine.	862,251	Aug. 6	228	63	129	2153
Herr, Arthur T., assignor to "Rapid Fire" Fuse Igniter Company, Denver, Colo. Ignit-						
ing-tape and producing same.	871,696	Nov. 19	3218	797	131	894
Herr, Benjamin F., Buffalo, N. Y. Attachment for furnaces.	869,434	Oct. 29	3505	962-3	130	2487
Herr, Clarence M., assignor to C. T. Blackford and O. Ludwig, Chicago, Ill. Display-bin						
for counters, &c.	868,986	Oct. 22	2796	771	130	2240
Herr Dump Car Company. (See Foreman, David H., assignor.)						
Herr Dump Car Company. (See Groves, James R., assignor.)						
Herr, Herbert T., Denver, Colo., assignor to Westinghouse Air Brake Company, Pitts-						
burg, Pa. Load brake apparatus.	863,849	Aug. 20	2735	753	129	3002
Herrid, Peter T., Blair, Wis. Barrel-stand and truck.	861,848	July 30	5483	1512	129	1917
Herrick, Albert B., Ridgewood, N. J., assignor to Electric Railway Improvement Com-						
pany, Cleveland, Ohio. Making rail-bonds.	868,664	Oct. 22	2300	638-9	130	2087
Herrick, Albert B., Ridgewood, N. J., assignor to Electric Railway Improvement Com-						
pany, Cleveland, Ohio. Apparatus for making rail-bonds.	870,169	Nov. 5	454	125	131	149
Herrick, Austin T., Bradford, Pa. Pipe-coupling jack.	864,166	Aug. 27	3215	890	129	3175
Herrick, Bert H., and F. Cleary, Rugby, N. D. Grass-cutter.	842,199	Jan. 29	4853	1036	126	1383
Herrick, Charles H. (See Harhay, Joseph W., assignor.)						
Herrick, Charles J. (See Herrick and Meaney, assignors.)						
Herrick, Frederick C., Cleveland, Ohio. Latrine for use in the field.	873,749	Dec. 17	2951	625	131	1709
Herrick, George S., and W. H. Meaney, assignors of one-third to C. J. Herrick, Syracuse,						
N. Y. Willow-stripper.	868,340	Oct. 15	1766	499	130	1894
Herrick, Lily J., Chicago, Ill. Stove cover or mat.	852,116	Apr. 30	6884	1438	127	3477
Herrick, Mary A. (See Heliman, Guy C., assignor.)						
Herriman, Frank E., Montgomery City, Mo. Tie or anchor plate.	845,639	Feb. 26	5794	1225	126	3346
Herrin, Jeremiah, Warsaw, Ind. Base for chimney-stacks.	843,813	Feb. 12	1915	410	126	2308
Herring, Charles J., Memphis, Tenn. Compound for spraying fruit-trees.	875,525	Dec. 31	6548		131	2344
Herring, James C., Greensboro, N. C. Block-molding machine.	850,368	Apr. 16	3371	705	127	2523
Herring, James C., Greensboro, N. C. Shingle-mold.	855,633	June 4	362	75	128	1786
Herring, James W., Mount Carmel, Pa. Cement-block machine.	849,392	Apr. 9	1551	314	127	2020
Herringer, Casper, New York, N. Y., assignor to Federal Railway Signal Company.						
Detector-bar.	874,196	Dec. 17	3884	819-20	131	1855
Herrington, Fred G., Decatur, Ill. Compressed-air motor for automobiles.	865,496	Sept. 10	1149	327	130	379
Herrington, John H., Freeport, Mich. Attachment to vapor-stoves.	859,659	July 9	2078	651	129	726
Herrmann, Carl J., Brooklyn, N. Y. Portable and adjustable pie-crate.	866,860	Sept. 24	3232	908-9	130	1107
Herrmann, Ernest, assignor to Compagnie Internationale La Norgine, Paris, France.						
Obtaining a soluble glutinous substance from tang-acid.	872,179	Nov. 26	4283	1023	131	1086
Herrmann, Henry H., Chicago, Ill. Air-compressor.	844,724	Feb. 19	4002	852	126	2855
Herron, Al H. (See Ward and Herron.)						
Herron, John. (See Conolly and Herron.)						
Herschell, Allan, assignor to Herschell-Spillman Company, North Tonawanda, N. Y.						
Brace for roundabouts and analogous structures.	850,431	Apr. 16	3483	729	127	2552
Herschell, Clemens, Glen Ridge, N. J. Means for driving hydraulic turbines.	87 ⁿ 435	Dec. 10	2318	486-7	131	1570
Herschell-Spillman Company. (See Herschell, Allan, assignor.)						
Herschell-Spillman Company. (See Spillman, Edward O., assignor.)						
Herschell-Spillman Company. (See Stickney, Albert J., assignor.)						
Hersey, Sidney. (See Marshall and Hersey.)						
Hershey, Jacob F., Omaha, Nebr. Watering-hook for gig-saddles.	866,029	Sept. 17	2000	557	130	685
Hershey, Jacob F., Omaha, Nebr. Hook.	866,030	Sept. 17	2001	558	130	685
Hershiser, Orel L., Buffalo, N. Y. Beehive.	855,175	May 28	5664	1178-9	128	1544
Hershiser, Orel L., Buffalo, N. Y. Wax-extractor.	870,512	Nov. 5	1007	274	131	325
Herstein, Henry, New York, N. Y. Hat-brim sizing and paring device.	847,409	Mar. 19	3383	741	127	912
Hertner, John H. (See Cookingham, De Witt, assignor.)						
Hertzner, John H., assignor of one-half to D. Cookingham, Cleveland, Ohio. Electric						
motor and controller for the same.	850,475	Apr. 16	3575	747	127	2575
Hertzog, August, Aix-la-Chapelle, Germany. Riveted joint.	875,263	Dec. 31	6038	1260	131	2261
Hertzberg, Harry, <i>et al.</i> (See Barr, George T., assignor.)						
Hertzberg, Harry, and M. J. Wohl, New York, assignors to A. A. Low, Horseshoe, N. Y.						
Electrically-heated soldering-iron.	871,405	Nov. 19	2648	677	131	802
Hertzler, John. (See Pendergast, Thomas, assignor.)						
Hervé, Henri A., Paris, France. Captive balloon.	870,430	Nov. 5	889	239-40	131	293
Hervey, Charles B., <i>et al.</i> (See Chew, Benjamin A., assignor.)						
Herwig, Felix. (See Berendes and Herwig.)						
Herz, Alfred. (See Schweitzer and Herz.)						
Herz, Gustave L., New York, N. Y. Antivibration device.	853,548	May 14	2372	494	128	641
Hertzberg, Carl. (See Dünnebie, Max R., assignor.)						
Hertzberg, Wilhelm, assignor to Actien Gesellschaft für Anilin Fabrikation, Berlin, Ger-						
many. Azo dye and making same.	842,548	Jan. 29	5611		126	1581
Hertzberg, Wilhelm, Berlin, and O. Spengler, Nieder-Schönweide, near Berlin, assignors						
to Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Red-orange mono-	865,587	Sept. 10	1301		130	424
azo dye and making same.						
Hertzberg, Wilhelm, Berlin, and O. Scharfenberg, Schöneberg, near Berlin, assignors to						
Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Triphenylmethan dye	866,359	Sept. 17	2497		130	843
and making same.						
Hertzberg, Wilhelm, Berlin. O. Scharfenberg, Schöneberg, and M. Ronus, assignors to						
Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Sulfur dye and making	864,644	Aug. 27	3984		129	3417
same.						
Herzer, Royal M. A. (See Kelling, John, assignor.)						
Herzog, Arnold, Berne, Switzerland. Device for non-refillable bottles.	853,084	May 7	1442	302	128	366
Herzog Art Furniture Co. (See Herzog, John, assignor.)						
Herzog, Arthur O. (See Flinn, Edward L., assignor.)						
Herzog, Felix B., New York, N. Y. Electric signaling apparatus.	870,102	Nov. 5	347	97	131	115
Herzog, John, Saginaw, Mich., assignor to Herzog Art Furniture Co. Cabinet.	846,848	Mar. 12	2280	502	127	611
Herzog, John A., Toledo, Ohio, assignor to De Luxe Motor Car Company, Detroit, Mich.						
Power-driven vehicle.	863,604	Aug. 20	2375	651-2	129	2885
Herzog, John A., Toledo, Ohio, assignor to De Luxe Motor Car Co., Detroit, Mich. Ve-						
hicle steering-gear.	866,133	Sept. 17	2154	599	130	733
Herzog, Moses, Washington, D. C. Strap-fastener.	870,032	Nov. 5	252	69	131	87
Herzog, Philip W. (See Hodgson, Isaac W., assignor.)						
Herzog, Philip W., <i>et al.</i> (See Hodgson, Isaac W., assignor.)						
Hescox, Charles O., Tacoma, Wash. Dish-washer.	860,804	July 23	3833	1050-1	129	1362
Heser, John J., Jackson, Minn. Husking implement.	859,384	July 9	1668	444	129	593
Hesketh, William T., Hayfield, England. Machine for printing cloth, wall-paper, and						
other materials.	852,719	May 7	695	135	128	182
Heskett, Thomas J., Brunswick, Victoria, Australia. Obtaining metals from sulfids.	844,452	Feb. 19	3189	685	126	2662

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Hespe, Frederick F., West Hoboken, N. J. Electrogalvanic apparatus.....	861,117	July 23	4322	1186	129	1521
Hess, Bonnelyn P., Goshen, Ind., assignor to Ridgely Trimmer Company, Springfield, Ohio. Device for graining floors. (Reissue).....	12,697	Sept. 24	3807	1074	130	1288
Hess, Charles F., Scranton, Pa. Coin separating, counting, and packaging machine.....	857,172	June 18	3377	712	128	2621
Hess, Charles H., Steamboat Rock, Iowa. Car-replacer.....	849,393	Apr. 9	1532	314	127	2020
Hess, Christopher A., Bismarck, N. D. Chalk-trough.....	846,667	Mar. 12	1921	422	127	519
Hess, Edgar A., Kendallville, Ind. Weeder.....	866,722	Sept. 24	3028	854	130	1045
Hess, Edward B., New York, N. Y., assignor, by mesne assignments, to Royal Type-writer Company, Hoboken, N. J. Writing-machine.....	839,995	Jan. 1	381	83	126	103
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Writing-machine.....	856,869	June 11	2783	579-80	128	2431
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Writing-machine.....	856,870	June 11	2785	580	128	2432
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Writing-machine.....	858,179	June 25	5377	1144	128	3156
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Writing-machine.....	858,284	June 25	5554	1187-8	128	3202
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Writing-machine.....	858,343	June 25	5674	1212	128	3237
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Ribbon mechanism for writing-machines.....	859,294	July 9	1513	404-5	129	542
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Writing-machine.....	861,978	July 30	5669	1573-4	129	1974
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Escapement mechanism for type-writing machines.....	862,076	July 30	5827	1616	129	2025
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Type-writing machine.....	865,892	Sept. 10	1782	497	130	588
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Writing-machine.....	865,893	Sept. 10	1783	497	130	589
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Type-writing machine.....	865,894	Sept. 10	1785	498	130	589
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Type-writing machine.....	874,068	Dec. 17	3650	766-7	131	1813
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Type-writing machine.....	874,338	Dec. 17	4173	878	131	1902
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Writing-machine.....	874,892	Dec. 24	5257	1107-8	131	2114
Hess, Edward B., New York, N. Y., assignor to Royal Typewriter Company, Hoboken, N. J. Writing-machine.....	875,430	Dec. 31	6379	1329-30	131	2314
Hess, Emil G., Buffalo, N. Y. Chair.....	858,388	July 2	38	12	129	14
Hess, Frank A., and J. Dunn, Detroit, Mich. Broom-holder.....	850,576	Apr. 16	3765	786	127	2624
Hess, George L. (See Kelley, Edward J., assignor.)						
Hess, Henry, Philadelphia, Pa. Ball-bearing.....	851,419	Apr. 23	5430	1137	127	3080
Hess, Herman, Indianapolis, Ind. Magneto.....	842,200	Jan. 29	454	1036	126	1384
Hess, Herman, Indianapolis, Ind. Friction-pulley.....	845,871	Mar. 5	284	56	127	73
Hess, John D., Baltimore, Md. Sash operating, locking, and balancing mechanism.....	870,431	Nov. 5	893	240-1	131	293
Hess, Karl, Nuremberg, Germany. Starting and stopping device in toy vehicles.....	859,768	July 9	2229	606	129	776
Hess, Max, Munich, Germany. Elastic comb.....	852,273	Apr. 30	7163	1502	127	3547
Hess, Solomon F. (See Healy, John J., assignor.)						
Hess, W. H. (See Lewis, Gersham E., assignor.)						
Hess, William H., Dewey, Okla. Ter., assignor of one-half to H. F. Tyler, Junction City, Kans. Air and gas mixer.....	875,175	Dec. 31	5872	1224-5	131	2232
Hessliuss, Peter, and J. Jaderlund, Chicago, Ill. Variable-speed power-transmitting gear.....	874,404	Dec. 24	4311	907	131	1957
Hesser, Frederick. (See Hyle, Jacob A., assignor.)						
Hesser, Frederick, et al. (See Hyle, Jacob A., assignor.)						
Hesser, Otto, Cannstatt, Germany. Machine for making paper bags.....	865,779	Sept. 10	1589	449-51	130	517
Hesser, Otto, Cannstatt, Germany. Apparatus for making paper bags.....	875,526	Dec. 31	6548	1366-9	131	2344
Hester, George C., Portland, Oreg. Sash-bar.....	874,069	Dec. 17	3652	768	131	1814
Hestness, Bernt, assignor of one-half to I. J. Blakkan, Rockford, Wash. Fruit-picker.....	873,234	Dec. 10	1914	402	131	1502
Hetherington, Alexander F. (See Nelson, Alfred, assignor.)						
Hetherington, John, Belleville, N. J., assignor to New Jersey Screw Works. Pyro-graphic burner.....	855,577	June 4	250	50	128	1759
Hetlesæter, Olaf, Milwaukee, Wis. Excavator.....	868,267	Oct. 15	1638	463	130	1858
Hetlesæter, Olaf, assignor to Allis-Chalmers Company, Milwaukee, Wis. Suspending and hoisting mechanism.....	848,744	Apr. 2	249	51	127	1649
Hetlesæter, Olaf, assignor to Allis-Chalmers Company, Milwaukee, Wis. Steam-shovel A-frame and connection.....	875,431	Dec. 31	6382	1330	131	2314
Hetlesæter, Olaf, assignor to Allis-Chalmers Company, Milwaukee, Wis. Shovel-bucket.....	875,432	Dec. 31	6383	1330	131	2315
Hettrich, John, Grand Island, Nebr. Corn-harvester.....	846,204	Mar. 5	979	208-10	127	248
Hetzl, Frederic V., Philadelphia, Pa., assignor to Link-Belt Company, Chicago, Ill. Loading-barge for vessels.....	858,180	June 25	5381	1145	128	3157
Heubach, Ernst, Berlin, Germany, assignor to B. Herman, Detroit, Mich. Tube-cleaner.....	847,335	Mar. 19	3222	709-10	127	870
Heuer, George, Greensburg, Pa. Folding umbrella.....	858,181	June 25	5383	1146	128	3158
Heuermann, William, Sedalia, Mo. Heating-stove.....	858,285	June 25	5556	1188	128	3203
Heulings, Samuel M., Haddonfield, N. J. Bottle-filling machine.....	849,735	Apr. 9	2184	450-1	127	2173
Heulings, William H., Jr., assignor to J. A. Brill, Philadelphia, Pa. Window for cars.....	850,157	Apr. 16	2961	620	127	2412
Heuser, Herman, Chicago, Ill. Maltng.....	856,637	June 11	2672	487	128	2329
Heuser, Herman, South Chicago, Ill. Mashing apparatus.....	861,979	July 30	5370	1374	129	1976
Heuser, Leonard, New York, N. Y. Safety-razor.....	871,036	Nov. 12	1855	508	131	630
Heuser, Leonard, New York, N. Y. Razor.....	871,037	Nov. 12	1855	508	131	630
Heverly, Henry A. (See Heverly, James M., assignor.)						
Heverly, James M., assignor of one-half to H. A. Heverly, Altoona, Pa. Furnace.....	858,286	June 25	5558	1189	128	3203
Hewett, Robert J., Westfield, N. J., assignor to Hail Signal Company. Single-track signaling system.....	842,315	Jan. 29	5087	1084	126	1442
Hewey, Henry A., Claremont, N. H. Rotary engine.....	870,293	Nov. 5	660	177	131	216
Hewitt, Allin W., Bogota, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	843,085	Feb. 5	502	105	126	1922
Hewitt, Edward G., New York, N. Y. Sun-dial.....	849,475	Apr. 9	1705	345	127	2059
Hewitt, Edward G., New York, N. Y. Sun-dial.....	849,683	Apr. 9	2101	432	127	2157
Hewitt, Edward R., New York, N. Y. Cross-head pin for explosion-engines.....	841,395	Jan. 15	3233	697	126	911
Hewitt, Harmon G., Georgetown, Ill. Penny-collector.....	848,992	Apr. 2	760	155	127	1781
Hewitt, Herbert H. (See Smith, William R., assignor.)						
Hewitt, John M. O. (See Atwood, Leonard, assignor.)						
Hewitt, Joseph D., Paterson, N. J. Ash barrel or can.....	868,987	Oct. 22	2797	772	130	2241
Hewitt, Peter C., New York, N. Y., assignor, by mesne assignments, to Cooper Hewitt Electric Company. Induction vapor or gas electric lamp.....	843,533	Feb. 5	1394	294	126	2141

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Hewitt, Peter C., New York, N. Y., assignor, by mesne assignments, to Cooper Hewitt Electric Company. Producing electric light.	843,534	Feb. 5	1398	294-5	126	2142
Hewitt, Peter C., assignor to Cooper Hewitt Electric Company, New York, N. Y. Mercury-pump.	849,394	Apr. 9	1553	314	127	2020
Hewitt, Peter C., assignor to Cooper Hewitt Electric Company, New York, N. Y. Aerial radiating-circuit.	856,149	June 4	1348	283	128	2033
Hewitt, Peter C., assignor to Cooper Hewitt Electric Company, New York, N. Y. Radiating electromagnetic waves.	856,150	June 4	1350	283	128	2034
Hewitt, Peter C., assignor to Cooper Hewitt Electric Company, New York, N. Y. Creating a vacuum.	862,333	Aug. 6	369	102	129	2199
Hewitt, Richard B., and J. G. Nolen; said Nolen assignor to F. B. Cook, Chicago, Ill. Electrothermal switch.	851,420	Apr. 23	5431	1137	127	3081
Hewitt, Samuel R., Belfast, Ireland. Hinge.	865,895	Sept. 10	1786	498	130	590
Hewitt, Samuel R., Belfast, Ireland. Collar-fastener.	869,367	Oct. 29	3398	934	130	2455
Hewitt, Strafford R. (See Rayburn, Guy H., assignor.)						
Hewitt, William H., Cleveland, Ohio. Crucible-tongs.	851,987	Apr. 30	6598	1375	127	3406
Hewlett, Alfred M., and G. F. Van Brunt; said Van Brunt assignor to said Hewlett. Clamp.	851,661	Apr. 30	5927	1239	127	3232
Hewlett, Edward M., Schenectady, N. Y., assignor to General Electric Company. Circuit-breaker.	840,848	Jan. 8	2115	467	126	581
Hewlett, Edward M., Schenectady, N. Y., assignor to General Electric Company. Means for controlling valves or other movable devices from a distant station.	843,814	Feb. 12	1917	411	126	2308
Hewlett, Edward M., Schenectady, N. Y., assignor to General Electric Company. Electric switch.	849,684	Apr. 9	2103	432	127	2158
Hewlett, Edward M., Schenectady, N. Y., assignor to General Electric Company. Reverse-phase relay.	854,741	May 28	4758	988	128	1313
Hewlett, Edward M., Schenectady, N. Y., assignor to General Electric Company. Oil-switch.	872,513	Dec. 3	405	85	131	1231
Hewlett, Edward M., and C. E. Eveleth, Schenectady, N. Y., assignors to General Electric Company. System for controlling electric switches.	844,800	Feb. 19	4158	886	126	2899
Hewlett, Edward M., and C. H. Hill, Schenectady, N. Y., assignors to General Electric Company. Cut-out.	845,236	Feb. 26	5003	1064	126	3152
Hewlett, Edward M., and T. E. Button, Schenectady, N. Y., assignors to General Electric Company. Electric switch.	840,327	Jan. 1	1079	235	126	288
Hewlett, Edward M., and T. E. Button, Schenectady, N. Y., assignors to General Electric Company. Electric switch.	865,588	Sept. 10	1302	369-70	130	424
Hewson, S. J. (See Peck, Frank S., assignor.)						
Heybach, Frederick J., assignor of one-half to Morehouse Manufacturing Co., Savannah, Ga. Can-tapping apparatus.	868,605	Oct. 15	2202	613	130	2032
Heybach, Frederick J., assignor of one-half to Morehouse Manufacturing Company, Savannah, Ga. Weighing and can-filling apparatus.	874,911	Dec. 24	5341	1117	131	2121
Heydrick, Jesse A., Butler, Pa. Drafting instrument.	842,662	Jan. 29	5849	1235-6	126	1638
Heyenga, Martin W., Hartsburg, Ill. Vehicle.	847,576	Mar. 19	3709	817-18	127	997
Heyenga, Martin W., Hartsburg, Ill. Vehicle-axle.	860,866	July 23	3920	1075	129	1390
Heyl-Dia, George E., Stretton, near Warrington, England. Tire.	840,209	Jan. 1	860	186	126	233
Heyl & Patterson. (See Knapp and Mulholland, assignors.)						
Heyl & Patterson. (See Mason, Elliott J., assignor.)						
Heyl & Patterson. (See Patterson, William J., assignor.)						
Heyl & Patterson. (See Williamson, Charles S., assignor.)						
Heyland, Alexander, Brussels, Belgium. Alternate-current generator and motor.	865,701	Sept. 10	1470	415	130	478
Heylman, Edward M., Janesville, Wis., assignor to Janesville Machine Company. Cultivator.	845,084	Feb. 26	4704	997-9	126	3075
Heylyn, Edward, Manchester, Conn. Pavement.	841,647	Jan. 15	3708	806	126	1033
Heym, Ernest, Philadelphia, Pa. Micrometer-calipers.	874,197	Dec. 17	3895	820	131	1856
Heyn, Henry. (See Green and Heyn.)						
Heynau, Felix G. H., Dotzheim, near Wiesbaden, Germany. Drill-chuck.	856,699	June 11	2480	510	128	2355
Heynemann, Lionel, San Francisco, Cal. Tapping arrangement for crucibles.	865,037	Sept. 3	434	116	130	133
Heys, John J., assignor of one-half to M. V. Bresnahan, Lynn, Mass. Leather-splitting machine.	844,128	Feb. 12	2509	539	126	2452
Heys, John J., Lynn, Mass., assignor to Manufacturers Machine Company, Montclair, N. J. Stitch-impression machine.	860,376	July 16	3162	864-5	129	1109
Heys, John J., Lynn, Mass., assignor to Manufacturers Machine Company, Montclair, N. J. Stitch-impression finishing-machine.	860,377	July 16	3165	865-6	129	1110
Heys, John J., Lynn, Mass., assignor to Manufacturers Machine Company, Montclair, N. J. Automatic boot and shoe leveling machine.	874,504	Dec. 24	4504	947-8	131	1989
Heys, John J., Lynn, Mass., assignor to Manufacturers Machine Company, Montclair, N. J. Sole-rounding machine.	874,505	Dec. 24	4515	949-51	131	1989
Heyser, Frederick J., assignor of one-half to W. T. Hulscher, Battle Creek, Mich. Direct-acting steam-engine.	872,937	Dec. 3	1287	274	131	1370
Heywood, Charles F. (See Felix and Heywood.)						
Heywood, Charles H., and D. E. Travis, Waukegan, Ill., assignors to United States Envelope Company, Springfield, Mass. Mechanism for gumming envelop-blanks.	873,370	Dec. 10	2209	460-1	131	1549
Heywood, Henry B. (See Wolff, Louis H., assignor.)						
Hiatt, Harry, Alexandria, Ind. Mixer and feeder for boiler compounds.	852,953	May 7	1195	246	128	304
Hibbard, Charles W., and Sandy Hill, assignors to Glens Falls Improved Trolley Fork Company, Glens Falls, N. Y. Trolley-harp.	846,205	Mar. 5	982	210	127	249
Hibbard, Harry P., assignor to Western Electric Company, Chicago, Ill. Spring-jack-mounting plate.	856,955	June 11	2934	616	128	2467
Hibbard, Henry D., Plainfield, N. J. Armored defense.	860,378	July 16	3168	866	129	1111
Hibbard, Henry D., Plainfield, N. J., assignor to Manganese Steel Safe Company, New York, N. Y. Vault.	840,490	Jan. 8	1423	314-15	126	409
Hibbard, Maury W., assignor to R. Fitzgerald, Chicago, Ill. Fluid-pressure brake system.	845,353	Feb. 26	5246	1112-13	126	3211
Hibbard, Maury W., assignor to R. Fitzgerald, Chicago, Ill. Air-strainer for suction-valves.	866,930	Sept. 24	3340	943	130	1142
Hibbard, Robert L., Bellevue, Pa. Calculating device.	843,944	Feb. 12	2179	466	126	2374
Hibbard, Warren. (See Hibbard, Charles and W.)						
Hibben, Samuel E. (See Barrett, Harold G., assignor.)						
Hibbets, Omer K., Chariton, Iowa. Combined wagon-box and stock and hay rack.	869,303	Oct. 29	3290	906	130	2422
Hibbins, John A., Watessing, N. J. Pipe-cradle.	851,352	Apr. 23	5301	1110	127	3047
Hibbler, Eldred M., Clarksdale, Miss. Cane-cutter.	863,534	Aug. 13	2256	611	129	2818
Hibler, James T., Del Norte, Colo. Revolving harrow.	872,562	Dec. 3	524	109	131	1248
Hibner, Delos E. (See Eichelberger and Hibner.)						
Hibner, Delos E. (See Eichelberger, Hibner, and Bacon.)						
Hibner, Philip D., Seattle, Wash. Railway-switch.	842,460	Jan. 29	5449	1154	126	1544
Hickerson, Perry D., Grantsburg, Wis. Buggy-top rest.	843,677	Feb. 12	1678	355	126	2248

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Hickey, Daniel K. (See Saunders, William L., assignor.)						
Hickey, Francis J., Sacramento, Cal. Steam-boiler.....	875,349	Dec. 31	6217	1296	131	2287
Hickey, Joseph A., Philadelphia, Pa. Ventilator.....	855,778	June 4	647	133	128	1860
Hickey, William J. (See Handy and Hickey.)						
Hickle, Joseph L., Fairchance, Pa. Metallic tie and rail-fastener.....	862,912	Aug. 13	1323	361	129	2525
Hickley, Arthur S., Manasquan, N. J. Means for removing moisture from closed cases.	851,516	Apr. 23	5612	1175-6	127	3123
Hickley, Arthur S., Manasquan, N. J. Electrolytic alternating-current rectifier.....	861,281	July 30	4595	1256	129	1645
Hickley, Arthur S., Manasquan, N. J. Electrolytic alternating-current rectifier.....	861,282	July 30	4596	1256	129	1646
Hicks, Benjie R. (See Edwards and Hicks.)						
Hicks, George C., Jr., Connersville, Ind. Gas-engine starter.....	841,149	Jan. 15	2754	601	126	789
Hicks, James A., Atlanta, Ga. Means for lubricating valves.....	857,280	June 18	3576	756	128	2672
Hicks, James M. (See Hicks, John A., assignor.)						
Hicks, James M., Summit, N. J., assignor to Auto Stopper Company, New York, N. Y. Machine for filling and capping vessels with fluid under pressure.....	875,678	Dec. 31	6970	1451-2	131	2394
Hicks, John A., assignor to J. M. Hicks, Summit, N. J. Cap-feeding machine.....	845,415	Feb. 26	5364	1138	126	3240
Hicks, John T., Medford, Mass. Press auditing method.....	845,237	Feb. 26	5005	1064	126	3152
Hicks, R. Randolph. (See Henderson, Thomas M., assignor.)						
Hicks, Ray S., Chicago, Ill. Display-rack.....	849,069	Apr. 2	910	186	127	1820
Hicks, Shelby, Providence, Ky. Journal-box.....	867,823	Oct. 8	913	259	130	1612
Hicks, Thomas B. (See Younglove, Thomas J., assignor.)						
Hicks, William W., St. Louis, Mo. Ball-bearing gland for packing-nuts.....	845,085	Feb. 26	4712	999	126	3077
Hickson, John S., Charlottesville, Va. Horse-brush.....	840,328	Jan. 1	1083	235	126	289
Hickson, Joseph, assignor of two-fifths to T. E. Buck, Mount Gilead, Ohio. Mold for making culverts, conduits, and similar hollow structures.....	865,968	Sept. 10	1895	531	130	622
Hides, Horace C. (See Southam and Hides.)						
Hieber, Anthony A. (See Hannahs and Hieber.)						
Hieber, Charles W., Canton, Ohio. Chair.....	843,208	Feb. 5	767	158	126	1990
Hielscher, John W., Kniman, Ind. Wrench.....	840,329	Jan. 1	1084	236	126	290
Hien, Philip, Chicago, Ill. Automatic train-pipe coupling.....	872,514	Dec. 3	408	514	131	1232
Hiering, Christian, and A. Fuller, assignors to J. E. Mergott Company, Newark, N. J. Bag-frame.....	851,421	Apr. 23	5434	1138	127	3082
Hiering, Christian, and A. Fuller, assignors to J. E. Mergott Company, Newark, N. J. Bag-lock.....	867,269	Oct. 1	59	18	130	1333
Hieronymus, Benjamin R., et al. (See Davis, Calvin, assignor.)						
Hiert, Adam F., Newark, N. J. Leather-splitting machine.....	855,576	June 4	248	49	128	1758
Hiest, Theodore M., Dayton, Ohio. Water-motor.....	869,568	Oct. 29	3733	1022	130	2558
Higbe, James M., Manson, Iowa. Gate.....	855,948	June 4	976	203	128	1940
Higbee, Clement W., and W. Schenck, Atlantic City, N. J. Bedstead-joint.....	843,456	Feb. 5	1211	256	126	2094
Higbee, James F., Indianapolis, Ind. Rotary gas-motor.....	866,466	Sept. 17	2635	736-7	130	888
Higby, J. Walter, and J. A. Miller, Trout Creek, Mont. Wind-turbine.....	863,715	Aug. 20	2522	696	129	2934
Higby, Sidney C. (See Travis and Higby.)						
Higdon, Joseph A., Henderson, Ky. Grain-drier.....	855,312	May 28	5907	1232	128	1606
Higgin, Henry, assignor to Higgin Manufacturing Company, Newport, Ky. Perch for road-vehicles.....	862,736	Aug. 6	1056	285	129	2407
Higgin, Henry, assignor to Higgin Manufacturing Company, Newport, Ky. Spring-platform for vehicle-seats, chairs, lounges, and bed-bottoms.....	867,507	Oct. 1	420	120	130	1446
Higgin, Henry, assignor to Higgin Manufacturing Company, Newport, Ky. Reach for vehicles.....	871,222	Nov. 19	2231	589	131	739
Higgin, Henry, assignor to Higgin Manufacturing Company, Newport, Ky. Making brace-irons or strengthening-irons for perches and analogous articles.....	874,506	Dec. 24	4525	951	131	1990
Higgin Manufacturing Company. (See Higgin, Henry, assignor.)						
Higginbotham, Allen C., Decota, W. Va. Switch.....	858,342	June 25	5673	1212	128	3236
Higginbotham, Allen C., Decota, assignor of one-half to C. A. Cabell, Carbon, W. Va. Drill or auger.....	851,594	Apr. 23	5780	1208-9	127	3167
Higginbotham, Don J., Rialto, Fla. Bottle.....	870,956	Nov. 12	1741	476	131	595
Higginbotham, Don J., assignor of one-third to L. H. Locklar, Rialto, Fla. Bottle.....	857,460	June 18	3906	830	128	2753
Higginbotham, John W., Heizer, W. Va. Nut-lock.....	860,663	July 23	3620	992	129	1294
Higgings, Emil. (See Ordning, Frederick W., assignor.)						
Higgins, Albert G., Kansas City, Mo. Card-dealing device.....	841,966	Jan. 22	4358	940	126	1229
Higgins, Aldus C., Worcester, Mass. Electric furnace.....	856,061	June 4	1170	247	128	1988
Higgins, Andrew J., West Philadelphia, Pa. Combination-tool.....	866,931	Sept. 24	3341	943	130	1142
Higgins, Edmund, Soldiers Home, Cal. Combined table and desk.....	874,846	Dec. 24	5167	1089	131	2101
Higgins, Elmer F., Mount Vernon, Ohio. Grader.....	874,198	Dec. 17	3899	820-1	131	1856
Higgins, Emerson C., Bayonne, N. J. Scissors.....	843,209	Feb. 5	769	158	126	1990
Higgins, George A., Galesburg, Ill. Flue-stop.....	868,665	Oct. 22	2301	639	130	2087
Higgins, Henry B., Denver, Colo. Screen-hanger.....	850,369	Apr. 16	3373	705	127	2523
Higgins, John G., Chattanooga, Tenn. Comb.....	854,498	May 21	4276	885	128	1163
Higgins, Ross, Canfield, Ohio. Adjustable support for telephone-receivers.....	869,368	Oct. 29	3359	935	130	2455
Higgins, William H. C., Jr., Orange, N. J. Carbureter.....	856,638	June 11	2372	488	128	2329
Higginson, George, London, England. Manufacture of aerated water.....	841,247	Jan. 15	2931	638	126	833
Higginson, George, London, England. Aerating and bottling apparatus.....	870,103	Nov. 5	348	97-8	131	116
Higgs, William A., and M. S. Hamilton, Davis, Tex. Cotton chopper and cultivator.....	873,548	Dec. 10	2554	539	131	1608
High Duty Saw and Tool Company. (See Tindel, Adam, assignor.)						
High Speed Ring Company. (See Pierce, George L., assignor.)						
Highfield, John S., London, England. High-tension direct-current electric system.....	846,566	Mar. 12	1716	378	127	465
Higsmith, Zebulon F., Sumter, S. C. Lens-drilling machine.....	874,507	Dec. 24	4527	951-2	131	1990
Hight, Albert W., Ballard, Wash., assignor to Hight Manufacturing Company, Toledo, Ohio. Combination-square.....	854,351	May 21	4000	827	128	1095
Hight Manufacturing Company. (See Hight, Albert W., assignor.)						
Hight, Robert L., Decatur, Ill. Secondary electric clock.....	861,980	July 30	5675	1575	129	1976
Hight, Robert L., Decatur, Ill. Graver-sharpener.....	870,365	Nov. 5	799	213	131	261
Higinbotham, Henry T., New Orleans, La. Fireproof door or shutter.....	858,287	June 25	5560	1189	128	3204
Higley Machine Company. (See Juengst, Charles A., assignor.)						
Higley, Pratt H., Chillicothe, Ohio. Seed-planter.....	870,432	Nov. 5	894	241	131	294
Higman, William J., Denver, Colo. Non-refillable bottle or package.....	851,006	Apr. 23	4592	963	127	2870
Hilberg, Mitchell J., Cincinnati, Ohio. Vise.....	854,091	May 21	3516	726	128	969
Hilbert, Henry P., Cincinnati, Ohio. Paper coating or treating machine.....	873,126	Dec. 10	1718	358-9	131	1469
Hilbert, Henry P., Cincinnati, Ohio. Slitting and winding machine.....	874,070	Dec. 17	3654	768-9	131	1814
Hilbert, John, Brooklyn, N. Y. Bracket.....	852,179	Apr. 30	6996	1460	127	3506
Hildebrand, George L. (See Greenwald, Isaac W., assignor.)						
Hildebrand, Gustav A. (See Behr, Henry J., assignor.)						
Hildebrand, James A., Olympia, Wash. Mechanism for propelling vehicles over land or water.....	851,517	Apr. 23	5614	1176	127	3123
Hildebrand, Paul, Munich, Germany. Automatic switch for telephone installations.....	854,164	May 21	3656	756	128	1002
Hildebrandt, Charles T., assignor of one-half to E. W. Brooks, Chicago, Ill. Sparking ignition device.....	845,354	Feb. 26	5254	1114	126	3213

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Hildenbrand, Charles, Phoenixville, Pa. Gun-cleaning implement.	849,786	Apr. 9	2288	470	127	2206
Hildenbrand, Henry, assignor of one-half to C. F. Terney, New York, N. Y. Tapping apparatus.	864,740	Aug. 27	4133	1147-8	129	3462
Hildreth, Edwin A., Harvard, Mass. Splitting-machine.	845,954	Mar. 5	471	96	127	122
Hildreth, Eugene W., Melrose, Mass. Fish-hook guard.	870,033	Nov. 5	253	70	131	87
Hildreth, Herbert L. (See Thibodeau, Charles, assignor.)						
Hildreth, Wanie W. (See Webb and Hildreth.)						
Hilkemeier, Friedrich C. B., Tulare, S. D. Egg-trapping hen's nest.	864,645	Aug. 27	3985	1105	129	3417
Hilker, Edward. (See Thayer, James H., assignor.)						
Hill, Aaron, Lynn, Mass. Trolley.	862,159	Aug. 6	58	18	129	2099
Hill, Alexander, Oklahoma, Okla. Ter. Burden-carrier.	861,850	July 30	5485	1513	129	1918
Hill, Alfred, assignor to Kendrick and Hill Manufacturing Company, Denver, Colo. Lawn-mower.	848,551	Mar. 26	5654	1239	127	1511
Hill, Alfred, assignor to Kendrick and Hill Manufacturing Company, Denver, Colo. Lawn-mower.	859,881	July 9	2407	654-5	129	830
Hill, Arthur, and S. Purcell, Pontefract, England. Governor.	844,129	Feb. 12	2512	539	126	2454
Hill, Arthur A., New York, N. Y. Antislipping attachment for horseshoes.	863,796	Aug. 20	2656	734	129	2977
Hill, Arthur H. (See Farquhar and Hill.)						
Hill, Benjamin A., Chicago, Ill. Dumping-wagon.	864,537	Aug. 27	3817	1058	129	3367
Hill, Benjamin A., Chicago, Ill. Window-cleaner.	869,842	Oct. 29	4143	1144	130	2679
Hill, Charles E., Foster, Ohio. Adjustable extension-bit holder.	854,742	May 28	4760	989	128	1314
Hill, Charles H. (See Hewlett and Hill.)						
Hill, Charles H., Schenectady, N. Y., assignor to General Electric Company. Automatic switch for electric circuits.	851,808	Apr. 30	6225	1298	127	3311
Hill, Charles H., Schenectady, N. Y., assignor to General Electric Company. Calibrating device.	861,212	July 23	4461	1224	129	1566
Hill, Charles S., deceased; H. M. Cox, administrator, Chicago, Ill. Lavatory apparatus.	849,330	Apr. 2	1417	285-6	127	1948
Hill, Charles V., St. Louis, Mo. Electric heating attachment for hot-water bags.	839,928	Jan. 1	254	55	126	70
Hill, Charles V., St. Louis, Mo. Heating attachment for hot-water bags.	840,060	Jan. 1	539	117	126	144
Hill, Charles V., St. Louis, Mo. Electrical sad-iron heater.	853,694	May 14	2676	551	128	722
Hill, Charles V., St. Louis, Mo. Electrical heater for hot-water bags.	861,851	July 30	5485	1513	129	1918
Hill, Chester S., assignor of one-half to G. L. Campbell, Williamsport, Pa. Electric switch.	868,781	Oct. 22	2488	686	130	2145
Hill, Christian C., deceased; C. B. Hill, executrix, assignor, by mesne assignments, to Precision Appliance Company, Chicago, Ill. Fountain sight-feed.	862,913	Aug. 13	1324	361	129	2525
Hill, Clotilda B., executrix. (See Hill, Christian C.)						
Hill, David, Washington, N. C. Car-ventilating apparatus.	850,158	Apr. 16	2963	621-2	127	2413
Hill, Ebenezer, South Norwalk, Conn. Air-compressor. (Reissue.)	12,599	Jan. 22	4758	1016-17	126	1326
Hill, Ebenezer, Norwalk, Conn. Air-compressor governor.	844,801	Feb. 19	4161	586-7	126	2899
Hill, Ebenezer, Norwalk, Conn. Valve for controlling fluid-pressure.	844,802	Feb. 19	4163	887	126	2900
Hill, Ebenezer, Norwalk, Conn. Lubricating-cup.	847,771	Mar. 19	4129	901	127	1098
Hill, Ebenezer, Norwalk, Conn. Control of an electrically-driven air-compressor.	865,388	Sept. 10	978	280-1	130	326
Hill, Ebenezer, Norwalk, Conn. Control of electrically-driven air-compressors.	865,389	Sept. 10	980	281	130	326
Hill, Ebenezer, Norwalk, Conn. Means for unloading air-compressors.	865,390	Sept. 10	982	282	130	327
Hill, Ebenezer, and H. P. Morgan, Norwalk, assignors to Norwalk Iron Works Company, South Norwalk, Conn. Relief mechanism for compressors.	862,160	Aug. 6	61	19	129	2100
Hill, Edith M. (See Horner, Annie F., assignor.)						
Hill, Edward A., assignor to Chicago Grain Door Company, Chicago, Ill. Latch-hook.	862,914	Aug. 13	1325	361	129	2526
Hill, Edward A., assignor to Chicago Grain Door Company, Chicago, Ill. Latch-hook.	873,235	Dec. 10	1916	402	131	1503
Hill, Edward J., Westminster, London, England. Double-ended or S hook.	859,660	July 9	2079	561-2	129	726
Hill, Fremont, New York, N. Y. Method and apparatus for excavating cuts.	861,852	July 30	5486	1513-14	129	1918
Hill, George H., Worcester, Mass. Tongue-depressor.	856,257	June 11	1572	330	128	2125
Hill, George H., Schenectady, N. Y., assignor to General Electric Company. System of control.	860,976	July 23	4109	1126	129	1452
Hill, George H., Schenectady, N. Y., assignor to General Electric Company. Automatic motor-control apparatus.	872,515	Dec. 3	412	86	131	1232
Hill, George H., Schenectady, N. Y., assignor to General Electric Company. Control system.	872,563	Dec. 3	525	109	131	1248
Hill, George H., Schenectady, N. Y., assignor to General Electric Company. System of control.	872,938	Dec. 3	1291	274-5	131	1371
Hill, George H., Schenectady, N. Y., assignor to General Electric Company. System of motor control.	872,939	Dec. 3	1298	275	131	1371
Hill, George S., Bradford, Mass. Shock-absorbing device.	874,767	Dec. 24	5037	1061	131	2076
Hill, Halbert P., New York, N. Y. Steam-turbine.	840,457	Jan. 1	1345	298	126	351
Hill, Harry, and J. Blain, Dunedin, New Zealand. Combined miter-box and cramp.	857,345	June 18	3692	780-1	128	2702
Hill, Harry A., and J. A. Lindstrom, Northampton, Pa. Atomizer.	862,737	Aug. 6	1057	285	129	2407
Hill, Henry, Nottingham, England. Warp-knitting machine.	870,170	Nov. 5	455	126	131	149
Hill, Herbert G., assignor, by mesne assignments, to W. G. Shelton, Chicago, Ill. Vibrator.	864,843	Sept. 3	128	35	130	40
Hill, Herbert W., Chicago, Ill. Gas-controlling valve.	844,358	Feb. 19	3014	644	126	2620
Hill, Homer A., Delafield, Wis. Station-indicator.	859,769	July 9	2230	607-8	129	776
Hill, Isaac B., Plainfield, N. J. Concrete block.	866,360	Sept. 17	2498	696-7	130	844
Hill, Ivan R., Reading, Mich. Wire-fence lock.	854,946	May 28	5181	1079	128	1423
Hill, James B., Findlay, Ohio. Ditching-machine.	865,702	Sept. 10	1472	416	130	479
Hill, James B., Findlay, Ohio. Traction-apron.	866,647	Sept. 24	2907	818-19	130	1000
Hill, James B., Quitman, La. Saw-holder.	870,827	Nov. 12	1527	417	131	528
Hill, James F., and C. M. Peckham, Norwalk, Ohio. Mold.	854,214	May 21	3756	777	128	1031
Hill, James H., Rochester, N. Y. Lantern.	841,648	Jan. 15	3709	806-7	126	1033
Hill, John C., Chicago, Ill. Sight-feed.	855,695	May 14	2677	551	128	722
Hill, John E., Center Harbor, N. H., assignor to J. E. Hill Company, Boston, Mass. Egg-beater.	841,320	Jan. 15	3081	667	126	871
Hill, John P., Phelps, N. Y. Dust-pan.	849,239	Apr. 2	1249	254	127	1907
Hill, John P., Baltimore, Md. Tooth brush and powder receptacle.	853,549	May 14	2373	495	128	641
Hill, John P., assignor of one-half to W. A. White, Phelps N. Y. Pipe-jaw attachment to wrenches.	841,248	Jan. 15	2933	638	126	833
Hill, John R. (See Dill and Hill.)						
Hill, John W. (See Ohmer, Kirchner, and Hill.)						
Hill, John W., Monclova, assignor of four-fifths to S. J. Eckenrode, Maumee, B. S. Stapleton, Cleveland, C. E. Bartenback and E. L. Johnson, Toledo, Ohio. Wheel.	850,754	Apr. 16	4113	861	127	2710
Hill, Lawrence P., Caratunk Me. Bicycle-boat.	860,664	July 23	3621	992	129	1294
Hill, Louis A., Washington, D. C. Vehicle-wheel. (Reissue.)	12,647	May 7	1698	352	128	428
Hill, Milton J., Virginsville, Pa. Animal-trap.	857,879	June 25	4732	1005	128	2992
Hill, Nels, Sykeston, N. D. Railway snow-plow.	842,461	Jan. 29	5451	1154-5	126	1545
Hill, Patrick F., and J. E. Coleman, Cabot, Ark. Fertilizer-distributor.	873,236	Dec. 10	1918	402	131	1503
Hill, Philip B., Little Rock, Ark. Variable printing-stamp.	866,723	Sept. 24	3029	854-5	130	1045
Hill, Rowland F., assignor to General Chemical Company, New York, N. Y. Apparatus for desulfurizing and agglomerating pyrites-cinder, &c.	847,410	Mar. 19	3385	741	127	912

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Hill, Rowland F., assignor to General Chemical Company, New York, N. Y. Desulfurizing and agglomerating pyrites-cinder and the like	847,664	Mar. 19	3913	854	127	1049
Hill, Thomas, Joggin Mines, Nova Scotia, Canada. Cheese-cutter	853,408	May 14	2094	436	128	509
Hill, Thomas G., Portland, Oreg. Metallic beam or girder	854,947	May 28	5182	1079	128	1423
Hill, Thomas G., Portland, Oreg. Beam or girder	859,176	July 2	1330	354	129	448
Hill, Thomas H., Philadelphia, Pa. Electric-lamp socket	860,867	July 23	3922	1075	129	1390
Hill, Truman, assignor to Vanderkloot Steel Piling Co., Chicago, Ill. Sheet-piling	859,295	July 9	1514	405	129	542
Hill, Ulysses H., Fort Worth, Tex. Sash balance and lock	863,797	Aug. 20	2657	734	129	2977
Hill, Walter A., assignor of one-half to V. Scheidell and G. Meyers, Callicoon, N. Y. Spring-cushioned automobile-wheel	870,171	Nov. 5	456	126	131	150
Hill, Walter C., London, England. Water-tight electric bell	865,038	Sept. 3	435	116	130	133
Hill, Walter I., Clarksburg, W. Va. Roll-scraper	861,981	July 30	5677	1575	129	1977
Hill, Warren E., assignor to T. F. Rowland, New York, N. Y. Buoy, torpedo, and similar device	846,567	Mar. 12	1717	378	127	466
Hill, William B., Terre Haute, Ind. Toy	842,784	Jan. 29	6136	1294	126	1708
Hill, William H. II., Sr., Sullivan, Ind. Election-booth	867,371	Oct. 1	225	64	130	1381
Hill, William R. (See Griffin, Frank B., assignor.)						
Hilliard, Frederic W., Tottenville, assignor, by mesne assignments, to Elliott-Fisher Company, New York, N. Y. Type-writing machine	863,065	Aug. 13	1547	418-21	129	2597
Hillebrand, John, Detroit, Mich. Safety device for elevators	858,390	July 2	39	12	129	15
Hillenbrand, Herman A., Louisville, Ky. Lathe-chuck	855,456	June 4	31	7	128	1702
Hiller, Georg, Teplitz, Austria-Hungary. Sifting-machine	869,085	Oct. 22	2953	815	130	2290
Hiller, Georg, Teplitz, Austria-Hungary. Mixing-machine	872,729	Dec. 3	871	180	131	1304
Hiller, Nicolai H., Carbondale, Pa. Condenser	844,803	Feb. 19	4165	887-8	126	2900
Hillery, Martin C. (See Miller, Benjamin N. B., assignor.)						
Hilley, Thomas H., Hugo, Ind. Ter. Plow-heel	857,804	June 25	4610	977	128	2963
Hilliard Clutch & Machinery Company. (See Hilliard, William J., assignor.)						
Hilliard, John D., Albany, N. Y. Electrical transformer	857,062	June 18	3165	666	128	2570
Hilliard, William J., Buffalo, assignor to Hilliard Clutch & Machinery Company, Elmira, N. Y. Clutch	839,844	Jan. 1	75	18-19	126	22
Hilliard, William J., assignor to Hilliard Clutch & Machinery Company, Elmira, N. Y. Friction-clutch	872,062	Nov. 26	4056	972	131	1047
Hilliker, George L., assignor to Alrite Duplicating Supply Company, Chicago, Ill. Rotary duplicating-machine	854,499	May 21	4277	885	128	1164
Hillis, William A. (See Garrison and Hillis.)						
Hillisch, Alexander, Innsbruck, Austria-Hungary. Steam-heating system for railway-cars	845,002	Feb. 19	4523	965	126	2988
Hillix, Foster, La Fayette, Ind., assignor to Western Tool and Manufacturing Company, Springfield, Ohio. Means for breaking steel	861,724	July 30	5280	1453	129	1856
Hillman, Daniel R., Lanesville, Ill. Nut-lock	860,028	July 16	2652	721	129	942
Hillman, Edward D., Larchmont Manor, N. Y., assignor to B. A. Hegeman, Jr., North Plainfield, N. J. Warning-post for railway equipment	871,936	Nov. 26	3744	912	131	1004
Hillman, William, Mount Vernon, N. Y. Packing for piston-rods	850,159	Apr. 16	2966	622	127	2414
Hillmer, Theo, Bucharest, Roumania. Arrangement for measuring quantities of liquid	840,210	Jan. 1	861	186	126	233
Hills, Albert F., assignor to Crouse-Hinds Company, Syracuse, N. Y. Branch box	858,288	June 25	5561	1189	128	3204
Hills, Winslow H., Rose, N. Y. Apple-paring machine	860,472	July 16	3310	905-6	129	1159
Hillyard, Newton S., St. Joseph, Mo. Drip-can	845,174	Feb. 26	4884	1036	126	3122
Hillyard, Newton S., St. Joseph, Mo. Sash fastener and tightener	865,339	Sept. 3	893	256	130	270
Hillyer, Edgar C., Raleigh, N. C. Game-counter	869,241	Oct. 29	3183	878	130	2387
Hils, Clement L. (See Spencer, Joseph M., assignor.)						
Hilsinger, Adin W., Orange, N. J. Hat-dipping apparatus	851,809	Apr. 30	6227	1298-9	127	3312
Hiltmann, Robert S., Chicago, Ill. Needle-guard for sewing-machines	860,213	July 16	2917	797	129	1027
Hiltner, Robert S., Lincoln, Neb. Can or box opener	863,393	Aug. 13	2058	556	129	2759
Hilton, Frank M., J. S., and W. W., assignors of one-half to H. Musser, Akron, Ohio. Means for securing soft-tread tires to rims	865,039	Sept. 3	435	117	130	133
Hilton, Frank M., J. S., and W. W., assignors of one-half to H. Musser, Akron, Ohio. Means for securing soft-tread tires to rims	865,306	Sept. 3	832	240	130	252
Hilton, Hugh R., Port Allegany, Pa. Cultivating-tool	870,957	Nov. 12	1742	476	131	595
Hilton, John S. (See Hilton, Frank M., J. S., and W. W.)						
Hilton, William W. (See Hilton, Frank M., J. S., and W. W.)						
Hiltbold, John, New Britain, Conn. Lock and latch	868,782	Oct. 22	2490	686	130	2146
Hiltz, John H., and J. B. Smith, assignors to Chamberlin Metal Weather Strip Company, Detroit, Mich. Swinging sash	872,420	Dec. 3	216	42	131	1202
Hiltz, John H., and J. B. Smith, assignors to Chamberlin Metal Weather Strip Company, Detroit, Mich. Casement-window	873,045	Dec. 10	1562	327	131	1442
Himalaya, Manuel A. G. (See Brown and Moore, assignors.)						
Himalaya, Manuel A. G., Washington, D. C. Making smokeless powder	853,085	May 7	1443	302	128	366
Himble, John O., Boswell, Pa. Excavator	867,270	Oct. 1	61	18-19	130	1333
Himler, George W., Latrobe, Pa. Combined lock and latch	841,967	Jan. 22	4360	940	126	1229
Himmel, Gottlob, Tübingen, Germany. Device for lighting gas-lamps from a distance	872,421	Dec. 3	219	42-3	131	1201
Himmel, Joseph, Jamaica Plain, Mass. Collapsible clothes-horse	872,235	Nov. 26	4406	1047	131	1104
Himrod, William G., assignor of one-half to H. F. Seemark, Washington, D. C. Window-washing device	864,741	Aug. 27	4135	1148	129	3463
Hinchcliff, John W., Jackson, Miss. Lubricator	847,772	Mar. 19	4130	902	127	1098
Hinchman, George N., Webster Groves, assignor to Standard Adding Machine Company, St. Louis, Mo. Adding-machine	849,476	Apr. 9	1706	345-7	127	2059
Hinchman, George N., Webster Groves, assignor to Standard Adding Machine Company, St. Louis, Mo. Adding-machine	851,089	Apr. 23	4749	1000	127	2909
Hinchman, James B., Denver, Colo. Tie and rail clamp	858,983	July 2	1054	278	129	359
Hinchman, Leonidas C. (See Pegan, Arthur C., assignor.)						
Hinck, Jess F., Devils Lake, assignor of two-thirds to O. W. and J. L. Larsen, Lakota, N. D. Friction-gearing	854,037	May 21	3390	699	128	936
Hinck, Jess F., and J. L. Larsen, Warwick, assignors of one-third to O. W. Larsen, Lakota, N. D. Wagon-scale	861,176	July 23	4400	1208-9	129	1545
Hinckley, Robert, Washington, D. C. Book-handle	870,958	Nov. 12	1743	477	131	595
Hincks, Elizabeth T., Andover, Mass. Doll	853,639	May 14	2560	530	128	690
Hincks, Harold T., Chester, England. Slide-rule	845,463	Feb. 26	5471	1158-9	126	3267
Hinde, Harry H. (See Huntton, Fred M., assignor.)						
Hinderliter, Daniel, Catawissa, Pa. Valve	857,805	June 25	4610	977	128	2963
Hinderman, James T., Grayville, Ill. Mail-bag catcher	869,304	Oct. 29	3291	907	130	2422
Hindman, William B., Newman, Ga. Combined cotton chopper and cultivator	855,634	June 4	363	75	128	1787
Hindman, William S., Edgeworth, and P. H. Anthony, Ben Avon, Pa. Mold for fire-proof construction	857,524	June 18	4036	859	128	2787
Hine, Adelbert F. (See Morse, Arthur P., assignor.)						
Hine, Edward A., Newark, N. J. Lock for door-knobs	868,325	Oct. 22	2709	746	130	2213

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Hine, Henry C., assignor to Traut & Hine Manufacturing Company, New Britain, Conn. Suspenders.	851,885	Apr. 30	6383	1332	127	3352
Hine, Lucius A. (See Kerr and Hine.)						
Hiner, Charles N., Bridgewater, Va. Shade-roller.	866,200	Sept. 17	2446	626	130	763
Hines, Edwin G., Drums, Pa. Support for vehicle-bodies.	839,845	Jan. 1	79	19	126	23
Hines, Edwin G., Drums, assignor to Pressed Steel Wagon Bolster Co., Hazleton, Pa. Wagon-bolster.	875,527	Dec. 31	6556	1369	131	2344
Hines, Fred A., Creston, Iowa. Automatic alarm for roasters.	865,896	Sept. 10	1787	498-9	130	590
Hines, James M., Albany, N. Y. Slack-adjuster for brakes.	848,993	Apr. 2	761	155	127	1782
Hines, John H. (See Tynes, Minor E., assignor.)						
Hines, John S., Portland, Ind. Sectional derrick.	848,304	Mar. 26	5199	1134-5	127	1400
Hines, Joseph H., Philadelphia, Pa. Spark-arrester.	874,768	Dec. 24	5040	1061	131	2076
Hines, William R. (See Rand and Hines.)						
Hinkel, Peter, St. Louis, Mo. Elevator.	874,339	Dec. 17	4176	879	131	1902
Hinkle, James F. (See Young and Hinkle.)						
Hinkle, Paris R., assignor of one-half to H. A. Clarke, Mayer, Ariz. Ter. Nut-lock.	855,779	June 4	649	133	128	1861
Hinkley, Elizabeth J., et al., executors. (See Hinkley, George M.)						
Hinkley, George M., deceased, (E. J. Hinkley and E. L. Wood, executors,) assignor of one-half to Allis-Chalmers Company, Milwaukee, Wis. Edger.	873,667	Dec. 10	2757	585	131	1647
Hinman, Charles W., and W. F. Wellman, Cambridge, Mass. Gas apparatus.	841,779	Jan. 22	3989	861-2	126	1138
Hinman, Howard M., Cleveland, Ohio. Table-mat.	875,076	Dec. 31	5681	1185	131	2201
Hinsberger, Louis, New York, N. Y. Salt-shaker.	871,588	Nov. 19	3030	755	131	862
Hinsdill, Charles A., Troy, N. Y. Conduit-box.	849,395	Apr. 9	1554	315	127	2020
Hinsky, Anthony P., Hoboken, N. J. Insulating-conduit for electric wires.	864,167	Aug. 27	3216	890	129	3175
Hinsky, Anthony P., Hoboken, N. J. Machine for making tubular electric-wire conduits.	864,168	Aug. 27	3217	891	129	3175
Hinson, George W. (See Lax, Hinson, and Willhoit.)						
Hinton, John W. (See Ruel, Charles H., assignor.)						
Hinton, Thomas W. (See Schuh and Hinton.)						
Hinton, William C., Danburg, assignor to J. H. Sayer, Pistol, and C. Croft, Danburg, Ga. Cultivator.	849,396	Apr. 9	1555	315	127	2020
Hintz, Otto E., Bellevue, Iowa. Mechanical movement.	842,785	Jan. 29	6137	1295	126	1708
Hinz, Jacob, Jr., White Lake, S. D. Artificial hand.	861,982	July 30	5678	1575	129	1977
Hinz, Julius C., Detroit, Mich. China-kiln.	875,350	Dec. 31	6218	1296-7	131	2287
Hipkins, Stephen, Martins Ferry, Ohio. Glass-mold.	850,577	Apr. 16	3766	787	127	2624
Hipolito, David E., San Jose, Cal. Reversible window.	865,240	Sept. 3	894	256	130	271
Hipp, Frank J., New Brighton, Minn. Fish-hook.	872,817	Dec. 3	1041	218	131	1332
Hippard, Charles F., Mionok, Ill. Vine and weed cutter.	848,464	Mar. 26	5507	1200	127	1476
Hippe, Ernst E., Copenhagen, Denmark. Making artificial marble.	873,371	Dec. 10	2214	-----	131	1550
Hippey, Edwin S., York, Pa. Railway-frog.	840,697	Jan. 8	1823	402	126	510
Hippisley, James, Trenton, N. J. Wheel.	860,133	July 16	2795	763	129	988
Hippisley, James, Boston, Mass., assignor of forty-five one-hundredths to A. E. Penney, Carbonar, Newfoundland. Rubber-tire protector.	863,535	Aug. 13	2257	612	129	2819
Hipwell, Harry H., assignor to Hipwell Manufacturing Company, Allegheny, Pa. Gas-burner.	848,367	Mar. 26	5322	1159	127	1428
Hipwell, John B., assignor to Windsor Machine Co., Reading, Pa. Machine for sewing looped fabrics.	853,015	May 7	1329	277	128	337
Hipwell Manufacturing Company. (See Hipwell, Harry H., assignor.)						
Hirner, Emil A., Allentown, Pa. Mechanism for operating special needles in knitting-machines.	860,868	July 23	3924	1076	129	1391
Hirsch, Hyman. (See Langlumé, George, assignor.)						
Hirsch, Jacob G. Haibersstadt, assignor to Chemische Fabrik von Heyden, Aktiengesellschaft, Radebeul, near Dresden, Germany. Solution of mercurous oxycyanid and dianisyl-monophenetidyl-guanidinchlorhydrate.	846,849	Mar. 12	2282	-----	127	611
Hirschfeld, Friedrich, New York, N. Y. Bell-piano.	855,056	May 28	5410	1123-4	128	1481
Hirschman, Frank H., Indianapolis, Ind. Mattress.	871,871	Nov. 26	3617	883	131	984
Hirsh, Fred, New York, N. Y. Garment-supporter.	845,300	Feb. 26	5147	1092	126	1883
Hirsh, Fred, New York, N. Y. Hose-supporter.	852,954	May 7	1197	246	128	304
Hirsh, Julius. (See Elder, William S., assignor.)						
Hirsh, Leon F., York, Pa. Cover-lifter for sheet-metal boxes.	870,513	Nov. 5	1009	275	131	326
Hirsh, Sidney. (See Bougher, James S., assignor.)						
Hirst, John C. (See Newcome, Thomas J., assignor.)						
Hirstel, Dave. (See Bilyeu and Hirstel.)						
Hirt, Benjamin F., et al. (See Althen, William C., assignor.)						
Hirt, Louis J., Brookline, Mass. Coking-oven.	847,001	Mar. 12	2573	565	127	684
Hirth, Albert, Cannstatt, Germany. Feed mechanism for leather skiving and splitting machines.	854,500	May 21	4279	886	128	1164
Hirth, Albert, Cannstatt, Germany. Feed-roll for leather-skiving machines.	875,528	Dec. 31	6558	1369	131	2345
Hirzel, Heinrich, Leipzig-Plagwitz, Germany. Distilling.	848,903	Apr. 2	616	123	127	1746
Hiscock, Ira E., Bay City, Mich. Brickmaking-machine.	862,558	Aug. 6	778	208	129	2325
Hiss, John D., Omaha, Nebr. Washing-machine.	852,720	May 7	697	135	128	183
Hiss, William J., Jr., New York, N. Y., assignor to H. B. Newhall, Plainfield, N. J. Bridle-ring.	863,992	Aug. 20	2944	810	129	3064
Hitch, Frank M., assignor of one-half to G. B. Wyckoff, Juniata, Nebr. Hay-cap.	852,606	May 7	467	86	128	124
Hitch, John E., assignor of one-half to D. H. Snyder, Snyderville, Ohio. Knockdown shipping box or crate.	843,815	Feb. 12	1919	411	126	2309
Hitch, John E., assignor of one-half to D. H. Snyder, Snyderville, Ohio. Shipping box or crate.	843,816	Feb. 12	1920	411	126	2309
Hitch, John E., assignor of three-fourths to D. H. Snyder, Snyderville, and W. P. Hammer, Westboro, Ohio. Shipping box or crate.	861,516	July 30	4962	1363	129	1758
Hitch, John E., assignor of three-fourths to D. H. Snyder, Snyderville, and W. P. Hammer, Westboro, Ohio. Shipping box or crate.	861,517	July 30	4963	1364	129	1759
Hitechock, Fred, assignor of one-half to F. H. Stevens Preeport, N. Y. Vehicle-tire.	841,968	Jan. 22	4362	941	126	1230
Hitechock, Orion B., Horton, Kans., and J. L. Wilson, St. Joseph, Mo. Trace-carrier.	856,639	June 11	2374	488	128	2330
Hitechock, Samuel S., Indianapolis, Ind. Drive-head for well-pipes.	845,953	Mar. 5	469	96	127	122
Hitechock, Wilbur R., Cornwall, Ontario, Canada. Drill attachment.	866,361	Sept. 17	2500	697	130	844
Hitechock, Wilbur K., Chicago, Ill. Spring structure.	871,589	Nov. 19	3031	755	131	862
Hitchen, Thomas, Camperdown, Sydney, New South Wales, Australia. Bake-oven door.	859,770	July 9	2235	608	129	778
Hitchens, Joseph A., et al. (See Richmond, Edward J., assignor.)						
Hitchens, Joseph A., Joplin, Mo. Lock.	859,064	July 2	1164	314	129	394
Hitchings, Arthur S. H., Rio de Janeiro, Brazil. Instrument for use in determining the functions of circles.	870,959	Nov. 12	1744	477	131	596
Hitchings, Frederic W. (See Fitz and Hitchings.)						
Hite, Basil F. (See Hornbeck, Campbell, and Hite.)						
Hite, Charles E., Burlington, N. J., assignor of one-fourth to T. J. Byrne, Philadelphia, Pa. Primary battery.	851,353	Apr. 23	5303	1110-11	127	3047

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Hite, Charles E., Burlington, N. J., assignor to Hite Electric Company. Primary battery.	358,391	July 2	41	12-13	129	15
Hite, Charles E., Burlington, N. J., assignor to Hite Electric Company. Primary battery.	358,392	July 2	42	13	129	16
Hite, Charles E., Philadelphia, Pa., assignor to Hite Electric Company. Primary battery.	357,880	June 25	4734	1006	128	2992
Hite Electric Company. (See Hite, Charles E., assignor.)						
Hite, Frank E., Owensboro, Ky. Cotter-pin.	372,180	Nov. 26	4284	1024	131	1087
Hitt, Adrian, Jersey City, assignor of one-half to H. Berg, Orange Valley, N. J. Shade and shade-roller fixture.	350,578	Apr. 16	3769	787	127	2625
Hitt, John F. (See Tomison, Willis A., assignor.)						
Hitt, Samuel E., and G. M. Black, Cleveland, Ohio. Blast-furnace, trap for furnace-top construction.	358,182	June 25	5384	1146	128	3158
Hittle, Jonas H., Mackinaw, Ill. Harness-hook.	357,241	June 18	3495	738	128	2651
Hitz, George, Indianapolis, Ind. Growing sweet potatoes and other tubers.	349,787	Apr. 9	2289	471	127	2206
Hitzert, Albert, Saginaw, Mich. Barrel-cabinet.	366,724	Sept. 24	3030	855	130	1045
Hix, Howard L., Frankfort, Ind. Brick-machine.	345,872	Mar. 5	285	57-8	127	73
Hixon, Hiram W., Victoria Mines, Ontario, Canada. Blast-furnace.	342,663	Jan. 29	5865	1237	126	1645
Hixon, William E., assignor of three-fourths to J. Reece, C. Hecht, and A. J. Tilden, St. Louis, Mo. Ball-bearing boxing for vehicle-axes.	351,133	Apr. 23	4822	1016	127	2926
Hixon, John L., and C. W. Powell, Ypsilanti, Mich. Tire-setting machine for rubber tires.	372,295	Nov. 26	4512	1070	131	1122
Hizar, Julien C., San Diego, Cal. Bottle.	367,372	Oct. 1	225	64	130	1382
Hjorth, Henry J., Cambridge, Mass. Wire-winding tool.	361,283	July 30	4598	1256	129	1646
Hoag, Arthur W., New York, N. Y. Combination-lock.	356,700	June 11	2481	510	128	2355
Hoag, Chester R., assignor to Whitehead & Hoag Company, Newark, N. J. Easel.	343,210	Feb. 5	770	158	126	1990
Hoag, James W., Oakland, assignor to Hoag Rapid Press Co., San Francisco, Cal. Printing-press.	343,535	Feb. 5	1402	295	126	2143
Hoag, James W., assignor to Hoag Rapid Press Company, San Francisco, Cal. Apparatus for feeding separate sheets of paper to printing-presses.	346,850	Mar. 12	2283	503	127	611
Hoag, Joseph J. (See Enos, Silvanus F., assignor.)						
Hoag, Krieger & Company. (See Hoag and Krieger assignors.)						
Hoag Rapid Press Co. (See Hoag, James W., assignor.)						
Hoag, William M., and M. H. Krieger, assignors to Hoag Krieger & Company, Lansing, Mich. Runner for vehicles.	339,929	Jan. 1	256	55	126	71
Hoagland, Monroe, Paducah, Ky. Vehicle-seat brace.	361,983	July 30	5679	1575	129	1978
Hoak, Adam J., Kewanee, Ill. Mechanism for handling metal in rolling-mills.	343,395	Feb. 5	1108	230-1	126	2070
Hoak, John A., Sedalia, Mo. Governor.	341,521	Jan. 15	3473	749	126	975
Hoal, Edwin. (See Worsey and Hoal.)						
Hoar, Orlando C., Vanatta, Ohio. Sawing-machine.	340,330	Jan. 1	1085	236	126	290
Hobart, Adam J., St. Johnsville, assignor to Roth and Engelhardt, New York, N. Y. Coin-controlled actuating mechanism for autopneumatic pianos.	342,462	Jan. 29	5452	1155	126	1546
Hobart Electric Manufacturing Company. (See Johnston, Herbert L., assignor.)						
Hobart, Franklin G., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Gas-engine-regulating valve.	346,307	Mar. 5	1167	256	127	295
Hobart, Franklin G., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Feed-governor for oil-engines.	346,471	Mar. 12	1518	337	127	415
Hobart, Franklin G., Beloit, Wis., assignor to Fairbanks, Morse & Company, Chicago, Ill. Sprayer.	354,352	May 21	4002	827	128	1096
Hobart, Franklin G., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Pump.	354,353	May 21	4003	827	128	1096
Hobart, Franklin G., and W. W. Gore, Beloit, Wis., assignors to Fairbanks, Morse & Company, Chicago, Ill. Cooling system for internal-combustion engines.	369,369	Oct. 29	3400	935	130	2456
Hobbie, George A., et al. (See Church, Albert T., assignor.)						
Hobbs, John O., Chicago, Ill. Mechanism for starting hydrocarbon-engines.	341,780	Jan. 22	3994	862	126	1139
Hobbs, John O., Chicago, Ill. Reversing and variable-speed gear. (Reissue.)	12,600	Jan. 22	4761	1017-18	126	1327
Hobbs, John O., Chicago, Ill. Transmission mechanism.	348,368	Mar. 26	5324	1160	127	1428
Hobbs, John S., Seaford, Del. Collapsible step-ladder.	356,956	June 11	2935	616	128	2467
Hobbs, John T. (See Wood, Charles H., assignor.)						
Hobbs, Joseph D., Mediapolis, Iowa. Means for pumping water under hydraulic power.	370,882	Nov. 12	1611	441	131	553
Hobby, Delzon G., assignor of one-half to F. L. Ferris, Albion, N. Y. Telephone attachment.	350,886	Apr. 16	4372	916	127	2778
Hobby, William H., Gardner, Mass. Sand-wheel.	363,276	Aug. 13	1892	510	129	2704
Hobby, William H., Gardner, Mass. Tenoning-machine.	374,007	Dec. 17	3450	734	131	1793
Hoberg, Frank H., and D. W. Hudson, Green Bay, Wis. Hydraulic press.	341,150	Jan. 15	2757	602	126	790
Hobert, Benjamin F., assignor of one-half to T. F. Hobert, Watertown, Pa. Device for forming and holding sand cores.	345,786	Mar. 5	105	20	127	30
Hobert, Thomas F. (See Hobert, Benjamin F., assignor.)						
Hobgood, Virgil E., et al. (See Nye, George W., assignor.)						
Hobson, Albion W., Chicago, Ill. Whist-tray.	359,942	July 16	2503	679	129	892
Hobson, Arthur E., Meriden, Conn., assignor to International Silver Co. Metal alloy.	346,851	Mar. 12	2284		127	612
Hobson, Charles F., St. Helena, Cal. Saw-filing device.	370,883	Nov. 12	1612	441-2	131	554
Hobson, Francis J. (See Kennedy and Hobson.)						
Hobson, John H., assignor of one-half to C. B. Crutchfield, Denning, Ark. Combination lock.	361,591	July 30	5082	1395	129	1798
Hochfeldt, William, assignor of one-half to G. F. Hughson, Chicago, Ill. Combination relief and back-pressure valve. (Reissue.)	12,687	Aug. 27	4173	1158	129	3475
Hockensmith, Franklin C., Pittsburg, Pa. Self-oiling wheel.	351,354	Apr. 23	5305	1111	127	3048
Hockensmith, Franklin C., Pittsburg, assignor to Hockensmith Wheel & Mine Car Company, Penns Station, Pa. Mine-car.	352,879	May 7	1044	215	128	266
Hockensmith Wheel & Mine Car Company. (See Hockensmith, Franklin C., assignor.)						
Hockett, Aaron L., Birmingham, assignor of one-half to W. H. Moore, Jasper, Ala. Cartridge-holder.	369,632	Oct. 29	3831	1049	130	2587
Hockett, Claude G. (See Colvin, Hockett, and Fitzpatrick.)						
Hodell, Frederic G., Cleveland, Ohio. Butter-cutting machine.	372,422	Dec. 3	223	43-4	131	1203
Hodell, Frederic G., Cleveland, Ohio. Chain-pump bucket.	372,423	Dec. 3	226	44	131	1203
Hodes, Joseph A., Fremont, Ohio. Cover for baby-carriages.	360,379	July 16	3170	866	129	1111
Hodgdon, Foydice C., Denver, Colo. Sliding-car-door lock.	368,859	Oct. 22	2608	721	130	2181
Hodge, Alfred L., Dallas, Tex. Nose-bag for feeding horses and other animals.	343,211	Feb. 5	771	159	126	1990
Hodge, James, Berkeley, Cal. Corn-popper.	341,969	Jan. 22	4364	941	126	1230
Hodge, John. (See Zoeller and Hodge.)						
Hodge, Madison F., assignor of one-half to H. W. Wolcott, Leavenworth, Kans. Trolley-retriever.	353,453	May 14	2178	452-3	128	592
Hodge, Neely B., Dallas, Tex. Planting mechanism.	354,165	May 21	3657	756	128	1003
Hodge, Schuyler C., and P. Douglas, Milwaukee, Wis. Ventilator.	350,160	Apr. 16	2968	622	127	2414
Hodges, Amos J., El Paso, Tex. Nut-lock.	341,688	Jan. 22	3803	828	126	1089
Hodges, Charles B., Pittsburg, Pa. Interheater for compound compressed-air engines.	368,560	Oct. 15	2109	590	130	2001
Hodges, Clarence B., Detroit, Mich. Force-feed lubricator.	341,249	Jan. 15	2934	639	126	834

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Hodges, Clarence B., Detroit, Mich. Force-feed lubricator.....	854,948	May 28	5183	1079-80	128	1423
Hodges, Clarence B., assignor to Detroit Lubricator Company, Detroit, Mich. Device for visually feeding measured quantities of liquid.....	845,416	Feb. 26	5366	1139	126	3240
Hodges, Emery C., Bloomington, Ill. Building-block.....	847,476	Mar. 19	3515	769	127	945
Hodges, Emery C., Bloomington, Ill. Power mechanism.....	856,258	June 11	1573	330	128	2125
Hodges, Emery C., Bloomington, Ill. Drainage for building foundations.....	870,433	Nov. 5	895	241	131	294
Hodges, Emery C., Bloomington, Ill. Stone-crusher.....	871,063	Nov. 12	1894	519	131	642
Hodges Fiber Carpet Company. (See Stevenson, William M., assignor.)						
Hodges, Francis G., assignor to S. O. Bigney, Attleboro, Mass. Bracelet.....	841,865	Jan. 22	4175	899	126	1188
Hodges, Frederick W., Detroit, Mich. Force-feed lubricator.....	841,250	Jan. 15	2936	639	126	835
Hodges, George S., Pontiac, Mich. Loading device for breech-loading firearms.....	863,798	Aug. 20	2658	734	129	2977
Hodges, Jackson. (See Lipscond, Julius, assignor.)						
Hodges, James C., assignor to C. A. Smith, Attleboro, Mass. Ornamental chain.....	851,288	Apr. 23	5173	1086	127	3016
Hodges, Marion F., Rushville, Ill. Replanting attachment for cultivators.....	851,750	Apr. 30	6106	1277	127	3279
Hodgetts, Christopher W. (See Kinsella and Hodgetts.)						
Holkinson, Frank E., assignor to Printing Appliance and Engineering Company, Limited, London, England. Device for feeding sheets to printing and like machines.....	840,211	Jan. 1	862	186	126	234
Hodgkinson, James, Salford, England. Cotton-gin.....	869,633	Oct. 29	3832	1049	130	2587
Hodgkinson, James, Manchester, England. Automatic stoker for steam-generators.....	869,708	Oct. 29	3948	1089	130	2622
Hodgkinson, William, and E. F. Clarkin Waterbury, Conn. Necktie-fastener.....	853,880	May 14	3066	629	128	817
Hodgman, Fred C. (See Hodgman and Bailey.)						
Hodgman, Willis K., assignor to Huber-Hodgman Printing Press Company, Taunton, Mass. Printing-plate holder.....	852,786	May 7	840	168	128	215
Hodgman, Willis K., and B. Hall, assignors to Huber-Hodgman Printing Press Company, Taunton, Mass. Two-color-printing press.....	860,134	July 16	2796	763-4	129	989
Hodgman, Willis K., and B. Hall, assignors to Huber-Hodgman Printing Press Company, Taunton, Mass. Single-revolution rotary printing-press.....	860,135	July 16	2799	764-5	129	990
Hodgson, Edgar J., et al. (See Hodgson, Isaac W., assignor.)						
Hodgson, Edwin. (See Carter and Hodgson.)						
Hodgson, Elmer, Bonesteel, S. D. Surfacing-tool.....	851,518	Apr. 23	5616	1177	127	3124
Hodgson, Henry E., Cleckheaton, and J. Hartley, Manchester, England. Molding-machine.....	857,173	June 18	3381	713-14	128	2622
Hodgson, Isaac W., assignor of three-fourths to E. J. Hodgson, Minneapolis, and P. W. Herzog, St. Paul, Minn. Resilient tire.....	871,506	Nov. 19	2874	721	131	835
Hodgson, Isaac W., Minneapolis, assignor of one-fourth to P. W. Herzog, St. Paul, Minn. Resilient tire.....	875,351	Dec. 31	6220	1297	131	2288
Hodgson, John G., Maywood, Ill., assignor to American Can Company, New York, N. Y. Making sheet-metal preserving-cans.....	857,736	June 25	4466	943	128	2927
Hodgson, William M., Kimberley, Cape Colony. Safety-clutch for mine cages, lifts, hoisting-skips, &c.....	847,773	Mar. 19	4131	902-3	127	1099
Hodson, Clara M., Baltimore, Md. Bottle-holder.....	853,362	May 14	2023	418	128	551
Hodson, James, Portland, Oreg. Chuck.....	847,251	Mar. 12	3052	673	127	800
Hodson, Walter D., assignor to National Sweeper Company, Marion, Ind. Roller-bearing.....	848,650	Apr. 2	53	12	127	1598
Hoe, Robert. (See Raabe and Read, assignors.)						
Hoe, Robert. (See Read, George F., assignor.)						
Hoe, Robert. (See Spalckhaver, William, assignor.)						
Hoefler, Emil A., assignor to Hoefler Manufacturing Company, Freeport, Ill. Wire-knotting machine.....	854,354	May 21	4004	827-8	128	1097
Hoefler, Frederick W., assignor to Hoefler Manufacturing Company, Freeport, Ill. Machine for threading pipes.....	841,396	Jan. 15	3235	697-8	126	911
Hoefler Manufacturing Company. (See Hoefler, Emil A., assignor.)						
Hoefler Manufacturing Company. (See Hoefler, Frederick W., assignor.)						
Hoefling, Joseph, Grand Rapids, Mich. Wheel-fender for cars.....	867,971	Oct. 15	1198	331	130	1721
Hoegren, Anders G., Chicago, Ill. Glove.....	859,559	July 9	1923	518	129	676
Hoehn, Fred. (See Boughton, William G., assignor.)						
Hoeldner, Ferdinand, and C. J. Welzin, New York, N. Y. Automatic cut-off.....	875,264	Dec. 31	6040	1260	131	2262
Hoelscher, Adolph G., assignor to A. T. Palmer, Boston, Mass. Temporary-binding device.....	848,242	Mar. 26	5055	1105	127	1364
Hoen, Ernest A., Richmond, Va. Top.....	867,373	Oct. 1	226	65	130	1382
Hoenisch, August H. (See Bremer, Chattin, and Hoenisch.)						
Hoepner, George, Chicago, Ill. Automatic weighing-machine.....	855,578	June 4	251	50-1	128	1759
Hoepner, George, Chicago, Ill., assignor to Union Scale & Mfg. Co., San Francisco, Cal. Power-driven weighing-machine.....	842,664	Jan. 29	5867	1237-8	126	1646
Hoepner, George, Chicago, Ill., assignor to Union Scale & Mfg. Co., San Francisco, Cal. Weighing-machine.....	842,665	Jan. 29	5876	1238-9	126	1648
Hoepner, George, Chicago, Ill., assignor to Union Scale & Mfg. Co., San Francisco, Cal. Automatic weighing-machine.....	849,131	Apr. 2	1059	212-13	127	1859
Hoeregott, Carl M., and H. C. Eby, Jolley, Iowa. Lock whip-socket.....	874,591	Dec. 24	4685	985	131	2017
Hoerhold, Theodore, Levington, Tex. Adjustable handle for sweep-stocks and the like.....	845,086	Feb. 26	4714	999	126	3077
Hoerichs, Edward, assignor of two-thirds to C. H. Boone and T. A. Bryan, Baltimore, Md. Non-refillable bottle.....	864,130	Aug. 20	3154	873	129	3128
Hoerle, Christian G. and W. F., Torrington, Conn. Line-guide for fishing-poles.....	863,606	Aug. 20	2378	653	129	2886
Hoerle, Christian K., Torrington, Conn. Skate.....	863,605	Aug. 20	2377	652	129	2886
Hoerle, William F. (See Hoerle, Christian G. and W. F.)						
Hoerner, Arthur G., Dayton, Ohio. Ironing-board.....	852,787	May 7	842	169	128	216
Hoerr, Louis A., St. Louis, Mo. Brake-rod.....	841,781	Jan. 22	3997	863	126	1140
Hoerr, Louis A., St. Louis, Mo. Door-hanger.....	857,174	June 18	3384	714	128	2623
Hoerr, Louis A., St. Louis, Mo. Angle-cock holder for railway-cars.....	858,719	July 2	618	162	129	213
Hoever, Otto C., Ong, Nebr. Windmill-regulator.....	869,242	Oct. 29	3187	879	130	2388
Hoeys, John. (See Crouch, Frank J., assignor.)						
Hoeys, John, San Francisco, Cal. Bed-couch. (Reissue.).....	12,652	May 14	3214	659	128	854
Hoeys, John, and F. J. Crouch, San Francisco, Cal.; said Crouch assignor to said Hoeys. Couch.....	855,176	May 28	5668	1179	128	1545
Hoeys, William, Chicago, Ill. Metallic piston-packing.....	846,668	Mar. 12	1922	423	127	519
Hof, Frank, New York, N. Y. Harness-hanger.....	873,549	Dec. 10	2556	539	131	1609
Hofer, William L., Manhattan, Kans. Ventilating-canopy.....	849,611	Apr. 9	1974	404	127	2126
Hof, Charles, Cincinnati, Ohio. Barrel-hoop.....	840,212	Jan. 1	864	186	126	234
Hof, Edward A., Milwaukee, Wis. Rock-crusher.....	857,940	June 25	4868	1029	128	3026
Hofbauer, Alfred, New York, N. Y. Hydraulic cock.....	866,861	Sept. 24	3233	909	130	1108
Hofer, James M. (See Long and Hofer.)						
Hoffheins, Frank G., York, Pa., and F. S. Stanfield, Cleveland, Ohio. Curtain-stretcher.....	857,623	June 25	4242	896	128	2870
Hoffman, Anna M., McKees Rocks, Pa. Bedclothes-fastener.....	852,180	Apr. 30	6997	1460	127	3506
Hoffman, Arthur F., Olean, Mo. Cord or string cutter.....	844,868	Feb. 19	4285	914	126	2930
Hoffman, August, New York, N. Y. Multigram record.....	870,961	Nov. 12	1754	478	131	599
Hoffman, Carl, Detroit, Mich. Coffee pot and steeper.....	868,561	Oct. 15	2111	590	130	2001
Hoffman, Charles. (See Gerhardt, George J., assignor.)						
Hoffman, Charles F., Lansing, Mich. Rack.....	856,584	June 11	2266	465	128	2301

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Hoffman, Christ. (See Adams and Hoffman.)						
Hoffman, Clemence E., Thomaston, Conn. Screw-driver.	847,774	Mar. 19	4134	903	127	1100
Hoffman, Clemence E., Thomaston, Conn. Safety set-screw.	869,086	Oct. 22	2954	815	130	2290
Hoffman, Earl, Comstock, Nebr. Vehicle-brake.	850,225	Apr. 16	3104	648	127	2451
Hoffman, Edward J., Jersey City, N. J. Grate.	862,915	Aug. 13	1326	361	129	2526
Hoffman, Fredrick, Cincinnati, Ohio. Electrical connection for hose-couplings.	873,940	Dec. 17	3327	709	131	1772
Hoffman, J. N. (See Grubbs, Albert M., assignor.)						
Hoffman, James B., Foxlake, Wis. Plowshare-tongs.	863,850	Aug. 20	2740	753	129	3003
Hoffman, John J., assignor to P. H. Murphy, St. Louis, Mo. Friction draft-gear.	865,391	Sept. 10	984	282	130	327
Hoffman, John N., Forest Grove, Oreg. Frame for hop-scoops.	860,746	July 23	3744	1025	129	1331
Hoffman, Louis A., Elizabeth, and T. H. Hoover, Newark, N. J.; said Hoffman assignor to said Hoover. Clean-out for drainage systems.	844,020	Feb. 12	2313	494	126	2405
Hoffman, Marie P., Canajoharie, N. Y. Strainer and sifter.	850,931	Apr. 23	4470	935	127	2841
Hoffman, Oscar, and E. A. Newman, Bingham Canyon, Utah. Ventilating apparatus for passenger cars.	873,862	Dec. 17	3185	679	131	1747
Hoffman, Ross J., Bradford, Pa. Deep-oil-well pumping.	852,061	Apr. 30	6781	1411	127	3453
Hoffman, William H., Little Falls, N. Y. Paper-making machine.	844,938	Feb. 19	4397	940	126	2956
Hoffman, Willis L., Jersey City, N. J. Snapping device for marbles.	855,949	June 4	977	203	128	1940
Hoffman, Willmot G., San Francisco, Cal. Fountain blacking-brush.	847,252	Mar. 12	3054	673	127	800
Hoffman, Zachariah S., Newark, N. J. Candy-machine.	844,939	Feb. 19	4399	940	126	2957
Hoffmann, Carl O., Chicago, Ill. Combination chair and table.	849,397	Apr. 9	1556	315	127	2021
Hoffmann, Charles de, Bergvick, Netherlands. Connecting device for gas-conduits.	869,370	Oct. 29	3401	936	130	2456
Hoffmann, Ernst G., New Rochelle, N. Y. Grinding balls.	868,860	Oct. 22	2609	721	130	2181
Hoffmann, Ernst G., New Rochelle, N. Y. Grinding balls.	868,926	Oct. 22	2710	747	130	2214
Hoffmann, Frederick H., Hoboken, N. J. Safety-razor.	860,917	July 23	4005	1098	129	1417
Hoffmann, George E. von, assignor of one-half to J. J. Mullen, Chicago, Ill. Apparatus for cleaning ships' hulls.	845,301	Feb. 26	5148	1093	126	3188
Hoffmann, Jacob A., Denver, Colo. Receptacle.	873,237	Dec. 10	1919	403	131	1503
Hoffmann, Joseph C. (See Schmidt, Charles, assignor.)						
Hoffmann, Leberecht, assignor to Firm of Hoffmann's Starkefabriken Aktiengesellschaft, Salzuflen, Germany. Ironing raw starched material.	862,477	Aug. 6	627	168	129	2284
Hoffmann, Oscar, Nuremberg, Germany. Machine for making paper or pasteboard with fibrous insertions.	867,041	Sept. 24	3512	996-7	130	1195
Hoffmann, Otto, Berlin, Germany. Trolley-head.	841,397	Jan. 15	3237	698	126	911
Hoffmann, Otto, Charlottenburg, Germany. Manufacture of a new material suitable for use in dentistry.	870,962	Nov. 12	1755		131	599
Hoffmann, Otto C., Buffalo, N. Y., assignor to Chicago Fuse Wire and Manufacturing Company, Chicago, Ill. Jump-spark indicator.	851,751	Apr. 30	6108	1277	127	3279
Hoffmann, Otto C., New York, N. Y., and A. I. Appleton, assignors to Chicago Fuse Wire & Mfg. Co., Chicago, Ill. Electric junction and outlet box.	848,994	Apr. 2	763	156	127	1782
Hoffmann, Robert, Cassel, Germany. Cigarette-former.	842,886	Feb. 5	87	20	126	1813
Hoffmann, Rudolf, Mülhausen, Germany. Heating arrangement for turbines.	849,543	Apr. 9	1851	376-7	127	2096
Hoffmann, Rudolph, and F. W. Pleines, New Haven, Conn. Detachable handle for pots, kettles, &c.	864,372	Aug. 27	3523	978	129	3272
Hoffmann, William H., New York, N. Y. Tire-protector.	866,134	Sept. 17	2155	599	130	734
Hoffmann's Starkefabriken Aktiengesellschaft, Firm of. (See Hoffmann, Leberecht, assignor.)						
Hofmeier, Maurice, assignor to Crown Cork and Seal Company, Baltimore, Md. Closure for bottles, jars, &c.	871,697	Nov. 19	3221	797	131	895
Hofman, John, Rochester, N. Y. Movable supporting means for doors, display-frames, &c.	840,061	Jan. 1	541	117	126	144
Hofmann, Kaspar, Munich, Germany. Heating device for camp cooking apparatus.	857,063	June 18	3167	666	128	2570
Hofmann, Paul P., Chicago, Ill. Automobile-heating appliance.	867,271	Oct. 1	63	19	130	1333
Hofmann, Wilhelm, Kötzenschenbroda, Germany. Wire-coupling.	849,612	Apr. 9	1975	404	127	2126
Hofmeister, Christopher W. (See Kelley and Hofmeister.)						
Hogan, Charles F., et al. (See Harriss, Jefferson D., assignor.)						
Hogan, Charles P. (See Forbes and Hogan.)						
Hogan, Daniel. (See Meinecke and Hogan.)						
Hogan, Inez B., London, England. Skirt-support and blouse-stay.	844,021	Feb. 12	2314	495	126	2405
Hogan, John J., West Haven, Conn. Gas-engine.	870,559	Nov. 12	1077	293-5	131	380
Hogan, Martin J., Canton Ohio. Traction-engine.	842,786	Jan. 29	6138	1295-6	126	1709
Hogan, Michael D., Chevy Chase, Md. Single-trigger mechanism for double-barrel guns.	864,373	Aug. 27	3524	978	129	3272
Hogan, Michael E., assignor of one-half to J. E. Dougherty, Chicago, Ill. Railway safety appliance.	864,538	Aug. 27	3819	1058	129	3367
Hogan, Richard, Lochgelly, Scotland. Compound for treating glass surfaces.	865,589	Sept. 10	1305		130	425
Hogan, Thomas, assignor of one-half to A. Besse, Shreveport, La. Joint-mold.	865,897	Sept. 10	1788	499	130	590
Hogan, William J., assignor of one-half to H. Stewart, Wilmington, Del. Aerial railway.	853,788	May 14	2859	588	128	768
Hogben, Walter, Leominster, Mass. Ball-bearing tube for tires.	857,281	June 18	3577	756	128	2673
Hogbin, Joseph, and F. Ketley, Pittsburg, Pa. Metallic tie and rail-fastener.	854,501	May 21	4281	886	128	1165
Hogen, Abel H., Geddes, S. D. Self-dumping hay-rake.	860,380	July 16	3171	867	129	1112
Hogg, Francis M., Bessemer, Ala. Coke-pulling apparatus.	869,305	Oct. 29	3292	907	130	2423
Hogg, Francis M., Bessemer, Ala. Loading apparatus.	869,569	Oct. 29	3734	1022-3	130	2559
Hogg, John S., Rochester, N. Y. Sharpening device.	868,783	Oct. 22	2492	686	130	2147
Hogg, William S., U. S. Navy. Wireless telegraphy.	869,634	Oct. 29	3833	1049	130	2587
Hogle, Milton W., and W. W. Slick, assignors to P. E. Donner, Pittsburg, Pa. Shearing apparatus.	861,984	July 30	5680	1576	129	1978
Hogmire, George M., Joliet, Ill. Culinary scraper.	874,592	Dec. 24	4686	985	131	2017
Hogrebe, Arthur E. (See Strobel and Hogrebe.)						
Hoheln, George C., Norfolk, Va. Medicine-spoon.	847,942	Mar. 19	4496	985	127	1187
Hohenadel, William A., and W. Kline, Akron, Ohio. Furnace fire-pot.	857,806	June 25	4612	977	128	2963
Hohenadel, Peter, Jr., et al. (See Jennings, John, assignor.)						
Hohnbach, Robert, Joliet, Ill. Mixing-machine.	860,091	July 16	2741	748	129	970
Hohner, Hans. (See Braendle, Edward E., assignor.)						
Hohulin, John S., and T. Goodfield, Ill. Fence construction.	871,698	Nov. 19	3223	798	131	895
Hohulin, Samuel. (See Hohulin, John S., and T.)						
Hohulin, Timotheus. (See Hohulin, John S., and T.)						
Hoke, George M., Harrisonville, Mo. Ice-plow.	849,544	Apr. 9	1854	377	127	2096
Hoke, Henry E., Hanover, Pa. Hinge.	857,175	June 18	3385	714	128	2624
Holben, Levi, San Francisco, Cal. Automatic fuel-regulator.	867,042	Sept. 24	3513	997	130	1196
Holbine, Gottlieb K., Eustis, Nebr. Wrench.	854,949	May 28	5185	1080	128	1424
Holbrook, Charles E., Carson City, Nev. Furrow plow and roller.	855,313	May 28	5909	1232	128	1606
Holbrook, Harry R., Attleboro, Mass. Automatic vending-machine.	872,624	Dec. 3	640	134	131	1267
Holbrook, Ira W., et al. (See Wales, Alfred B., assignor.)						
Holbrook, J. Y. (See Holbrook, Milo F., assignor.)						
Holbrook, Milo F., Longview, assignor of one-half to J. Y. Holbrook, Dallas, Tex. Fruit-cooker.	852,385	Apr. 30	7389	1550	127	3603

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Holby, Olaf, Christiania, Norway. Hull for ships.....	843,016	Feb. 5	357	77-8	126	1881
Holcomb, Adrian S., assignor to S. C. Holcomb, Marilla, N. Y. Potato-planter.....	845,087	Feb. 26	4715	999-1000	126	3078
Holcomb, Hilary N., East Bend, N. C. Ironing-table.....	866,135	Sept. 17	2156	599-600	130	734
Holcomb, Sarah C. (See Holcomb, Adrian S., assignor.)						
Holcomb, William M. (See Loncks and Holcomb.)						
Holcombe, William F. (See Berthold, Richard E., assignor.)						
Holden, Andreas H., Långed, Sweden. Centrifugal separator for wood-pulp and similar materials.....	868,341	Oct. 15	1767	499	130	1894
Holden, Andrew, London, England. Cue-tip holder.....	860,381	July 16	3172	867	129	1112
Holden, Charles L., Indianapolis, Ind. Heating-boiler.....	846,472	Mar. 12	1520	337	127	415
Holden, Charles L., Indianapolis, Ind. Range-boiler stand.....	874,071	Dec. 17	3659	769	131	1815
Holden, Daniel L., assignor to Federal Ice Company, New York, N. Y. Freezing-machine for ice manufacture.....	865,040	Sept. 3	437	117	130	134
Holden, Daniel L., assignor to Federal Ice Company, New York, N. Y. Pneumatic pump.....	869,781	Oct. 29	4054	1119	130	2653
Holden, Daniel L., assignor to Federal Ice Company, New York, N. Y. Hydraulic valve.....	870,104	Nov. 5	350	98	131	116
Holden, Delos. (See Dyer and Holden.)						
Holden, Elbridge G., Home City, Ohio. Mixer for liquids or semiliquids.....	859,943	July 16	2504	679	129	892
Holden, Frank, London, England, assignor to General Electric Company. Mercury-meter.....	853,789	May 14	2860	588-9	128	769
Holden, Frank, London, England, assignor to General Electric Company. Electric measuring instrument.....	853,790	May 14	2864	589	128	769
Holden, George, Merchantville, N. J., assignor to Merritt and Company. Spiral stairway.....	839,846	Jan. 1	80	19	126	23
Holden, George, Merchantville, N. J., assignor to Merritt and Company. Hinge.....	839,847	Jan. 1	82	20	126	24
Holden, Grace F., New York, N. Y. Thimble.....	859,771	July 9	2236	609	129	778
Holden, Jonas H. (See Turpin and Holden.)						
Holden, Lee G., Portland, Oreg. Alarm-box attachment.....	870,963	Nov. 12	1755	478	131	599
Holden, Lenhard A., Ottosen, Iowa. Gate-hinge.....	869,905	Nov. 5	48	14	131	17
Holden, William G., Corpus Christi, Tex. Preserving apparatus.....	857,346	June 18	3694	781	128	2703
Holden, William H. (See Bradford and Holden.)						
Holder, Christian F., Metzingen, Germany. Dust-aspirating apparatus.....	863,607	Aug. 20	2379	653	129	2886
Holder, Henry A., Lynn, Mass. Hollow work support or bed.....	845,640	Feb. 26	5795	1225	126	3346
Holder, Henry A., West Lynn, Mass. Hide and leather working machine.....	854,419	May 21	4129	856	128	1127
Holder, James P., New York, N. Y. Cushion-wheel.....	850,000	Apr. 9	2663	558	127	2300
Holderbaum, John I., Somerset, Pa. Ice-creeper.....	866,467	Sept. 17	2637	737	130	888
Holdren, Herbert H., Dayton, Ohio. Device for beheading fowls.....	873,436	Dec. 10	2321	487	131	1571
Holen, Ole, Britton, S. D. Pneumatic stacker.....	851,237	Apr. 23	5059	1065	127	2986
Holford, George W., Neosho Rapids, Kans. Rail-splice.....	852,181	Apr. 30	6997	1461	127	3507
Holgate, George H., Philadelphia, Pa. Carbureter.....	846,852	Mar. 12	2285	503	127	612
Holgate, George H., Philadelphia, Pa. Carbureting-lamp.....	857,064	June 18	3167	666-7	128	2570
Holgate, Hartley, assignor of one-tenth to D. Hudson, Philadelphia, Pa. Warp-levelling machine.....	861,284	July 30	4599	1257	129	1647
Holgate, Jacob B., and C. Clough, Blackburn, England; said Clough assignor to said Holgate. Grain-cleaning apparatus.....	857,065	June 18	3169	667	128	2571
Holinger, Emil F., McKeesport, Pa. Computing tape-measure.....	870,884	Nov. 12	1613	442	131	554
Holl, Gustave J., Knoxville, Tenn. Dispensing apparatus.....	874,072	Dec. 17	3661	769	131	1815
Holladay, Lewis L., Lynn, Mass., assignor to General Electric Company. Ventilating-fan.....	850,226	Apr. 16	3105	649	127	2451
Holland, Benjamin B. (See Spurgin, Nickolas, assignor.)						
Holland, Curtis, Butte, Mont. Bottle-labeling machine.....	841,013	Jan. 8	2444	534-6	126	663
Holland, Franklin. (See Holland, James M. and F.)						
Holland Furnace Company. (See Kolla, John P., assignor.)						
Holland, George N., Hampden, assignor of one-half to R. M. Nason, Bangor, Me. Potato-digger.....	855,457	June 4	32	7-8	128	1703
Holland, Henry T., New York, N. Y. Bracket.....	849,398	Apr. 9	1557	315	127	2021
Holland, Henry V., New York, N. Y. Penholder.....	845,641	Feb. 26	5797	1225	126	3347
Holland, Henry W., and T. Woodward, Willesden, England. Projectile for rifled small-arms.....	867,508	Oct. 1	423	120	130	1447
Holland, James E., Whitesburg, Ga. Attachment for traction-engines.....	850,835	Apr. 16	4262	895	127	2748
Holland, James M., and F., Baltimore, Md. Bed-riser for woven-wire mattresses.....	856,701	June 11	2483	511	128	2356
Holland, Joseph E., and C. H. Buck, Binghamton, N. Y. Non-refillable bottle.....	859,177	July 2	1331	354	129	448
Holland, John A., assignor to John Holland Gold Pen Co., Cincinnati, Ohio. Clip for pen-caps.....	863,029	Aug. 13	1495	405	129	2580
Holland, John F. (See Grey, Harry E., assignor.)						
Holland-Letz, Louis, Chicago, Ill. Grinding-mill.....	863,066	Aug. 13	1557	421-2	129	2600
Holland-Letz, Louis, Chicago, Ill. Grinding-mill.....	863,067	Aug. 13	1560	422	129	2601
Holland, Newman H., Brookline, assignor, by mesne assignments, to C. Bate, Boston, Mass. Telephone-meter.....	851,090	Apr. 23	4751	1000	127	2910
Holland, Newman H., assignor to E. H. Stolz, Chicago, Ill. Microphone.....	855,458	June 4	34	8	128	1703
Holland, Newman H., and G. W. Kauser, assignors to E. H. Stolz, Chicago, Ill. Telephone-transmitter.....	858,984	July 2	1058	278	129	362
Hollar, William H., Philadelphia, Pa. Vault.....	841,398	Jan. 15	3238	698	126	912
Holle, August, Düsseldorf, Germany. Apparatus for water purification.....	858,183	June 25	5385	1146	128	3159
Hollenbeck, Elijah A., Funk, Nebr. Corn harvesting and husking machine.....	872,285	Nov. 26	4492	1066-7	131	1119
Hollett, Ira W., Chicago, Ill., assignor to J. W. Sefton Manufacturing Company, Anderson, Ind., and Chicago, Ill. Paper-box machine.....	862,161	Aug. 6	64	20-1	129	2101
Holley, Dwight S., Forestville, assignor to American Silver Company, Bristol, Conn. Beverage-making device.....	849,613	Apr. 9	1976	405	127	2126
Holley, Herbert E., Pulteney, N. Y. Sprayer.....	866,201	Sept. 17	2247	626-7	130	763
Holley, James, assignor to American Cylinder Brace and Tool Manufacturing Company, West Palmbeach, Fla. Brace.....	853,243	May 14	1766	367	128	480
Holliday, Grove L., and I. S. Hawks, Curtiss, Wis. Stone-picker.....	856,780	June 11	2633	541	128	2395
Holliday, James S. (See Chatham and Holliday.)						
Holliday, Joseph C. (See Rooney, Frank E., assignor.)						
Hollifield, Horatio B., Washington, D. C. Target attachment.....	849,125	Apr. 2	1036	209	127	1853
Hollifield, Horatio B., Washington, D. C. Attachment for small-arms.....	867,728	Oct. 8	760	213	130	1565
Holliger, Daniel J., Columbus, Ohio. Scale.....	867,729	Oct. 8	761	213	130	1565
Hollinger, Adam F., Lebanon, Pa. Display-stand.....	847,943	Mar. 19	4498	986	127	1187
Hollinger, Andrew. (See Smith and Hollinger.)						
Hollingsworth, George H., Belmont, Mass., assignor to Consolidated Car Fender Company, Providence, R. I. Pneumatic appliance for cars.....	852,117	Apr. 30	6885	1438	127	3477
Hollingsworth, Joseph C., assignor of one-half to G. C. Walsh, Dallas, Tex. Gin-saw cleaner.....	854,166	May 21	3658	757	128	1003
Hollins, Denis M., Blackburn, England, assignor to Draper Company, Hopedale, Mass. Thread-parter for weft-replenishing looms.....	842,666	Jan. 29	5879	1239	126	1649
Hollins, Denis M., Blackburn, England, assignor to Draper Company, Hopedale, Mass. Warp stop-motion for looms for weaving.....	854,167	May 21	3660	757	128	1003

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Hollinshead, Burton, Fulton, Ill. Animal-fetter.....	871,406	Nov. 19	2651	677	131	802
Hollinshead, George, New York, assignor to I. Hollinshead, White Plains, N. Y. Bow- protector for vessels.....	860,869	July 23	3929	1077	129	1392
Hollinshead, Isabelle. (See Hollinshead, George, assignor.)						
Hollis, George W., Boston, Mass., assignor to Swift and Company, Chicago, Ill. Drying apparatus for hides, &c.....	841,866	Jan. 22	4176	899	126	1188
Hollis, Henry L., Chicago, Ill. Supporting and conveying apparatus.....	872,063	Nov. 26	4057	972	131	1048
Hollis, Warren T., Boston, Mass. Measuring-machine.....	850,304	Apr. 16	3238	675	127	2488
Hollister, Bertram K., Chicago, Ill., assignor to F. S. Betz, Hammond, Ind. Ligature- container.....	861,853	July 30	5488	1514	129	1919
Hollister, Clarence P. (See Whyland and Hollister.)						
Hollister, Clarence P., assignor to Stilson Motor Car Co., Pittsfield, Mass. Intake device for explosive mixtures in vapor-engines.....	873,372	Dec. 10	2216	461	131	1550
Hollister, Fred. (See Ford and Hollister.)						
Hollister, Mark, Jr. (See Ford and Hollister.)						
Hollman, Charles. (See Stump, Hollman, and Nicholas.)						
Hollnagel, Theodore, Thiensville, Wis. Speed-regulator for gas-engines.....	844,359	Feb. 19	3015	644	126	2620
Hollowell, Walter, <i>et al.</i> (See Diehl, John J., assignor.)						
Holly, Carrie C., <i>et al.</i> (See Holly, Solomon T., assignor.)						
Holly, John A., Port au Prince, Haiti. Placket-closure.....	871,590	Nov. 19	3032	755	131	863
Holly, Solomon T., assignor of three-fourths to L. M. and A. M. Marston and C. C. Holly, Los Angeles, Cal. Steam-turbine.....	858,599	July 2	415	107-8	129	148
Holm, Charles W., Troy, Ohio. Acetylene-gas generator.....	868,988	Oct. 22	2798	772-3	130	2241
Holm, Christian L., Spokane, Wash. Phonograph attachment.....	858,184	June 25	5387	1147	128	3159
Holm, Henry S., Fitchburg, Mass. Head-rest.....	858,600	July 2	418	108	129	149
Holm, Ole, Madison, Minn. Draft-equalizer.....	868,861	Oct. 22	2610	722	130	2181
Holman, Adolph. (See Wares and Holman.)						
Holman, Charles T., Meadville, Pa. Wrench.....	867,272	Oct. 1	64	19	130	1334
Holman, George F. W., Philadelphia, Pa. Coffee-pot.....	846,473	Mar. 12	1522	337	127	416
Holman, J. Frank, assignor of one-half to A. V. Turner, Neosho, Mo. Well-bucket.....	849,240	Apr. 2	1250	254	127	1907
Holman, Leslie A., Rochester, assignor to W. P. Randall, Leroy, N. Y. Feeding appa- ratus for cables, strands, and the like.....	872,064	Nov. 26	4061	973	131	1048
Holmberg, Charles G., New York, N. Y. Chuck.....	847,336	Mar. 19	3224	710	127	871
Holmberg, Edward P., assignor of one-half to A. Kirkland, Tampa, Fla. Estimating- machine.....	862,822	Aug. 6	1187	320	129	2446
Holmberg, John A., Lindsborg, Kans. Tube-extractor for wells.....	872,940	Dec. 3	1304	276	131	1372
Holmén, Axel R., Columbus, Ohio. Loading and unloading apparatus.....	854,890	May 28	5089	1058	128	1399
Holmén, Axel R., Columbus, Ohio. Elevating and conveying mechanism.....	865,041	Sept. 3	438	118	130	134
Holmer, Anders, Chicago, Ill. Suit-hanger.....	854,420	May 21	4133	856	128	1128
Holmer, John, assignor of one-half to C. M. Strand, South Chicago, Ill. Seal for car-doors. Holmer, Oscar. (See Ray, William F., assignor.)	867,133	Sept. 24	3647	1036	130	1235
Holmes, Alba L., Grand Rapids, Mich. Meter connection.....	855,314	May 28	5910	1233	128	1607
Holmes, Charles E., Lynn, Mass., assignor to General Electric Company. Electric met- er.....	863,799	Aug. 20	2660	735	129	2978
Holmes, Charles I., and J. A. Boatright, Thomas, Okla. Ter. Grain-car door.....	839,848	Jan. 1	83	20	126	24
Holmes, Daniel S., <i>et al.</i> (See Lane, George M., assignor.)						
Holmes, Edward, assignor of three-fourths to J., Jr., and W. Ehrhardt and S. D. Max- well, St. Louis, Mo. Plaster-board.....	858,601	July 2	419	109	129	149
Holmes, Edward B. (See Beugler, Edwin F., assignor.)						
Holmes, Elbridge R., and L. B. Jenckes, Worcester, Mass., assignors to Crompton & Knowles Loom Works. Tape-winder for tape-looms.....	868,268	Oct. 15	1641	464	130	1859
Holmes, Ernest H., Milwaukee, Wis. Valve mechanism.....	867,273	Oct. 1	65	20	130	1334
Holmes, Fletcher B., Woodbury, N. J., assignor to Eastern Dynamite Company, Wil- mington, Del. High explosive and making the same.....	861,177	July 23	4401	.....	129	1546
Holmes, Garnet B., and A. D. Allen, Wellington, New Zealand. Trolley-head for electric traction.....	869,843	Oct. 29	4144	1144	130	2679
Holmes, George A., Newton, Mass. Attachment for setting-presses.....	871,591	Nov. 19	3033	755-6	131	863
Holmes, George A., Newton, Mass. Snap-fastening buckle.....	873,128	Dec. 10	1723	360	131	1470
Holmes, George A., Newton Center, assignor to United States Fastener Company, Bos- ton, Mass. Snap-fastener.....	873,127	Dec. 10	1721	360	131	1470
Holmes, George L., Oakland, Cal. Gold washing and saving apparatus.....	849,614	Apr. 9	1978	405	127	2127
Holmes, George L., Chicago, Ill. Film-pack.....	862,823	Aug. 6	1191	320	129	2447
Holmes, Grant, assignor to Robert Holmes & Brothers, Danville, Ill. Automatic car- lift.....	847,411	Mar. 19	3386	741-2	127	912
Holmes, Grant, assignor to Robert Holmes & Brothers, Danville, Ill. Automatic car-lift. Holmes, Grant, assignor to Robert Holmes & Brothers, Danville, Ill. Automatic lifting mechanism.....	850,646	Apr. 16	3925	819	127	2665
Holmes, Grant, assignor to Robert Holmes & Brothers, Danville, Ill. Automatic lift- ing mechanism.....	850,647	Apr. 16	3927	820	127	2665
Holmes, Gustav E., A. G. and J. M. Bostrom, Milwaukee, Wis. Sofa-bed.....	871,120	Nov. 19	2013	548	131	705
Holmes Harry, Gracy, Cal. Fair-lead for donkey-engines.....	848,305	Mar. 26	5206	1136	127	1402
Holmes, Horace F., Concord, N. H. Phonograph.....	852,062	Apr. 30	6783	1412	127	3453
Holmes, Howard B. (See McBERTY and Holmes.)	873,860	Dec. 17	3183	678	131	1747
Holmes, Howard B., Park Ridge, assignor to Western Electric Company, Chicago, Ill. Watch-service recorder.....	862,478	Aug. 6	628	168-70	129	2284
Holmes, Howard B., Park Ridge, and E. B. Craft, assignors to Western Electric Com- pany, Chicago, Ill. Coin-collector.....	862,334	Aug. 6	371	102	129	2199
Holmes, Lawrence, Los Angeles, Cal. Apartment-house with disappearing beds.....	839,996	Jan. 1	384	84	126	104
Holmes, Stewart, New York, N. Y. Packing.....	850,001	Apr. 9	2666	558	127	2301
Holmes, Watson M., assignor, by mesne assignments, to Planters Compress Company, Hoosick Falls, N. Y. Press for cotton, wool, hay, and the like, and feeding device therefor.....	841,689	Jan. 22	3804	828	126	1090
Holmes, William K., New York, N. Y. Fountain-pen.....	861,118	July 23	4323	1186	129	1521
Holmested, Francis K., Claremont, W. Va. Loading-machine.....	839,997	Jan. 1	387	84-5	126	105
Holmgren, Julius H., San Antonio, Tex. Refrigerating apparatus.....	843,894	Feb. 12	2076	444-5	126	2347
Holmgren, Carl G. F., and A. E. Brahm, assignors to Aktiebolaget L. M. Ericsson & Co., Stockholm, Sweden. Compound telephone.....	841,399	Jan. 15	3240	699	126	912
Holmgren, Gustaf, Bloomfield, N. J. Atomizer.....	853,455	May 14	2183	453	128	594
Holmgren, Gustaf, Westeraås, Sweden. Electric furnace.....	873,861	Dec. 17	3184	678-9	131	1747
Holmgren, Gustaf, Newark, N. J., assignor to United States Butter Extractor Company. Clutch for centrifugal machines.....	853,454	May 14	2181	453	128	593
Holmquist, Peter O., Chicago, Ill. Curtain-stretcher.....	865,641	Sept. 10	1382	392	130	452
Holoubek, Frant, Nusle, near Prague, Austria-Hungary. Soap-molding battery.....	840,213	Jan. 1	865	187	126	234
Holscher, J. J., <i>et al.</i> (See Speer, Robert G., assignor.)						
Holsclaw, Thomas C., Etowah, N. C. Saw-setting machine.....	852,838	May 7	949	194	128	242
Holsclaw, Thomas C., Etowah, N. C. Saw-filing machine.....	860,214	July 16	2919	797-8	129	1028

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Holsclaw, Wilford H., assignor to B. F. Avery & Sons, Louisville, Ky. Planter.....	843,457	Feb. 5	1212	256	126	2094
Holsclaw, Wilford H., assignor to B. F. Avery & Sons, Louisville, Ky. Planter.....	845,003	Feb. 19	4527	966	126	2988
Holson Motor Patents Company. (See Church and Knudsen, assignors.)						
Holst, Engelhardt W., Brockton, Mass. Non-chattering brake-hanger for car-trucks.	863,277	Aug. 13	1893	510-11	129	2704
Holst, Lodewyk J. R., New York, N. Y., and L. Borsum, Plainfield, N. J. Photographic camera.....	855,004	May 28	5298	1101	128	1451
Holst, Oscar K., Tompkinsville, N. Y. Hoisting apparatus.....	870,724	Nov. 12	1353	369	131	475
Holstein, Charles E., <i>et al.</i> (See Mason, John E., assignor.)						
Holstein, Joseph L., assignor to Adjustable Collet Company, Cleveland, Ohio. Collet attachment.....	866,788	Sept. 24	3126	880	130	1076
Holsten, Alfred, New York, N. Y. Spark-plug.....	869,865	Oct. 29	4178	1154	130	2690
Holt, Benjamin, Stockton, Cal. Traction-engine.....	874,008	Dec. 17	3452	735-6	131	1793
Holt, David F. (See Keefer, William T., assignor.)						
Holt, James H., Fairfield Center, Me. Angle-piece for roofs or sidings.....	843,212	Feb. 5	772	159	126	1990
Holt, Thomas C., Minneapolis, Minn. Brick-molding machine.....	857,624	June 25	4245	896-7	128	2871
Holt, Walter O., and R. L. Foster, assignors to Livermore & Knight Company, Providence, R. I. Holder for lamp-shades.....	850,579	Apr. 16	3773	788	127	2626
Holt, Walter O., and R. L. Foster, assignors to Livermore & Knight Company, Providence, R. I. Lamp-shade.....	863,178	Aug. 13	1740	467	129	2658
Holt, William. (See Rigby, James, assignor.)						
Holt, William, and J. A. Smith, Los Angeles, Cal. Flooring.....	843,817	Feb. 12	1922	412	126	2310
Holt, William E., assignor of one-third to E. Hamaker, Butte, Nebr. Spoke-socket.....	868,562	Oct. 15	2112	591	130	2001
Holt, William H., Providence, R. I. Releasing screw-arbor for milling-machines and the like.....	842,787	Jan. 29	6143	1296	126	1710
Holtgrave, Ernst, Brooklyn, N. Y. Scissors.....	841,690	Jan. 22	3807	829	126	1091
Holthaus, Wilhelm, Mülheim-on-the-Ruhr, Germany. Planing-machine.....	846,474	Mar. 12	1524	308	127	416
Holthaus, Wilhelm, Mülheim-on-the-Ruhr, Germany. Planing-machine.....	860,473	July 16	3312	907	129	1159
Holthoff, Henry C., Milwaukee, Wis. Ore-concentrating machine.....	840,491	Jan. 8	1427	315	126	410
Holtmann, Henry F., Indianapolis, Ind., assignor to Seng Company, Chicago, Ill. Extension table.....	872,424	Dec. 3	227	44	131	1203
Holtschneider, Leo, Jefferson City, Mo. Gas-burner and automatic cut-off therefor.....	841,400	Jan. 15	3241	699	126	912
Holtz, Edward W. A., and A. Dick, Evansville, Ind. Saw or cutter guard for wood-working-machines.....	854,355	May 21	4006	828-9	128	1097
Holtzer Cabot Electric Company. (See Balcome, Herbert A., assignor.)						
Holtzer Cabot Electric Company. (See Bliss, Donald M., assignor.)						
Holtzer Cabot Electric Company. (See Freier, Anton, assignor.)						
Holtzer Cabot Electric Company. (See Heeney, Henry J., assignor.)						
Holtzhausen, Franz, Nossen, Germany. Decorator.....	867,134	Sept. 24	3649	1037	130	1235
Holtzheuer, August, Cassel, Germany. Chimney and ventilating-shaft top and the like.....	854,291	May 21	3899	803	128	1069
Holtzheuer, August, Cassel, Germany. Ventilator.....	858,185	June 25	5389	1147	128	3160
Holtzinger, Amos H., Bedford City, Va. Chimney-cowl.....	867,881	Oct. 8	1006	287	130	1641
Holzäpfel, Conrad. (See Struth and Holzäpfel.)						
Hölzermann, Ludwig, Antwerp, Belgium. Ruling appliance.....	840,331	Jan. 1	1087	237	126	290
Holzmann, Ernest, New York, N. Y. Fishing-rod.....	848,243	Mar. 26	5056	1105	127	1364
Holzmann, Ernest, New York, N. Y. Fishing-reel.....	850,580	Apr. 16	3774	788	127	2626
Holzmann, Ernest, Brooklyn, N. Y. Fishing-rod guide.....	868,563	Oct. 15	2112	591	130	2002
Holzmark, Max A., Kansas City, Kans. Pneumatic-cushion wheel.....	852,436	May 7	51	10	128	16
Holzwarth, Hans, assignor to Hooven, Owen, Rentschler Company, Hamilton, Ohio. Turbo-blower.....	853,363	May 14	2023	418-19	128	552
Holzwarth, Hans, Hamilton, Ohio, assignor of one-half to E. Junghaus, Sr., Schramberg, Germany. Gas-turbine.....	853,925	May 14	3164	646-7	128	841
Homan, Frank W., Swampscott, Mass. Boot or shoe.....	870,783	Nov. 12	1453	394	131	505
Homan, James, Springfield, Ohio. Incubator.....	867,972	Oct. 15	1199	331	130	1721
Homan, James, Springfield, Ohio. Thermostat.....	868,630	Oct. 15	2249	623	130	2047
Homan, William C., assignor to Edward Miller & Company, Meriden, Conn. Gas-burner regulator.....	842,887	Feb. 5	89	20	126	1813
Homann, Willy, Düsseldorf, Germany. Dental bur and excavator.....	843,273	Feb. 5	904	184	126	2021
Homans, Thomas S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	851,238	Apr. 23	5062	1065-6	127	2986
Homans, Thomas S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	858,513	July 2	261	64	129	93
Home Security Vault and Pocket Bank Company. (See Woolums, William H., assignor.)						
Homersham, Thomas H. C., Bradford, assignor of one-half to Thwaites Brothers Limited, York, England. Pump.....	861,213	July 23	4462	1224-5	129	1567
Homeyer, Christian H., Bremen, assignor to Christoph Heims & Sohn Gesellschaft mit beschränkter Haftung, Berlin, Germany. Chair and the like.....	848,465	Mar. 26	5509	1200	127	1476
Hommel, William H., Sandusky, Ohio. Bottle-tap.....	839,930	Jan. 1	257	55	126	71
Homola, Josef, Veseli, Austria-Hungary. Machine for use with wind-power.....	869,709	Oct. 29	3950	1089	130	2622
Homolka, Benno, Frankfort-on-the-Main, assignor to Farbwerke vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Blue quinolin dye and making the same.....	844,804	Feb. 19	4166		126	2901
Homolka, Benno, Frankfort-on-the-Main, and J. Erber, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Anthrachrysone derivatives.....	871,507	Nov. 19	2876		131	835
Hondius, Pieter, Utrecht, Netherlands. Impregnating tobacco by means of natural or artificial aromatic substances.....	858,289	June 25	5564		128	3205
Honegger, Werner. (See Barth, Riehl, and Honegger.)						
Honeyman, Henry W., Pawtucket, assignor to Textile-Finishing Machinery Company, Providence, R. I. Clamp for tentering-machines.....	850,932	Apr. 23	4471	935	127	2841
Honeywell, Mark C., Wabash, Ind. Valve.....	853,364	May 14	2025	419	128	552
Honeywell, Mark C., Wabash, Ind. Expansion device for hot-water heating systems.....	868,862	Oct. 22	2611	722	130	2182
Honig, Arthur, Anvers, Belgium. Rotary machine.....	862,162	Aug. 6	75	22	129	2109
Honig, John, Los Angeles Cal. Combined rocking and standard chair.....	864,374	Aug. 27	3526	978	129	3272
Honiss, William A., <i>et al.</i> (See Lorenz, William A., assignor.)						
Honiss, William H., <i>et al.</i> (See Merritt, Joseph, assignor.)						
Honstain, George T. (See Cooley, Fred W., assignor.)						
Hood, Arthur M. (See Hood, Ernest K., assignor.)						
Hood, Charles H., Somerville, Mass. Apparatus for cleaning, sterilizing, and drying milk-cans.....	864,131	Aug. 20	3156	874	129	3129
Hood, Charles H., Somerville, Mass. Apparatus for cleaning, sterilizing, and drying milk-cans.....	864,132	Aug. 20	3160	874	129	3130
Hood, Charles H., Somerville, Mass. Cleaning, sterilizing, and drying milk-cans.....	864,133	Aug. 20	3163	875	129	3131
Hood, Cyrus S., Corning, N. Y. Damper-regulator.....	850,530	Apr. 16	3684	770	127	2603
Hood, Ernest K., assignor of one-half to A. M. Hood, Indianapolis, Ind. Apparatus for processing packaged goods.....	848,033	Mar. 26	4708	1026	127	1276
Hood, Frederic C., Boston, Mass. Rubber overshoe.....	867,882	Oct. 8	1007	287	130	1640
Hood, Frederic C., Boston, Mass. Pneumatic tire.....	871,169	Nov. 19	2127	570	131	722

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Hood, Frederic C., Boston, Mass. Rubber overshoe.	874,340	Dec. 17	4177	879	131	1903
Hood, George T., and W. M. Cochrane, Johannesburg, Transvaal. Shaking amalgamating-table.	860,474	July 16	3312	907-8	129	1160
Hood, Irwin L., Constance, Ky. Mail-bag fastener.	859,497	July 9	1818	489	129	642
Hood, John, Boston, Mass. Dental filling.	864,465	Aug. 27	3670	1021	129	3322
Hood, John D. (See Liverett and Hood.)						
Hood, William I., assignor of one-half to J. W. Chesrown, Norwalk, Ohio. Burial-crypt.	858,070	June 25	5170	1095	128	3104
Hoogerzell, Peter, Beverly, Mass. Seesaw.	847,002	Mar. 12	2575	566	127	684
Hooghous, Cornelius, Odell, Ill. Planer.	843,818	Feb. 12	1923	412	126	2310
Hook, Addison C., and R. P. Robinson, Charlotte, N. C. Pinless clothes-line.	850,227	Apr. 16	3107	650	127	2452
Hook, Charles H., Pittsburg, Pa. Adjustable pipe-hanger.	849,132	Apr. 2	1064	213	127	1861
Hook, Theodore C., Philadelphia, Pa. Stamp or label affixing machine.	857,625	June 25	4247	897	128	2871
Hooke, Harvey L., assignor to Muncie Auto Parts Company, Muncie, Ind. Device for controlling motor-cars.	855,780	June 4	650	133-4	128	1861
Hooker, Arthur J. (See Bunnell and Hooker.)						
Hooker, Halstead T., Maryville, Mo. Safety neck-yoke.	848,826	Apr. 2	455	90	127	1702
Hooker, Renzy. (See McPherson and Hooker.)						
Hooker, William C. (See Armstrong, Hooker, and Marks.)						
Hooker, William C., Abingdon, Ill. Trap.	866,862	Sept. 24	3235	910	130	1108
Hooker, William H., Manchester, N. H. Rotary engine.	861,725	July 30	5282	1453	129	1856
Hooker, William H., Manchester, N. H. Rotary engine.	866,031	Sept. 17	2002	558	130	685
Hookay, Samuel, Wyandotte, Mich. Can-capping machine.	848,651	Apr. 2	54	12-13	127	1558
Hookham, George, Birmingham, England. Electricity motor-meter.	862,916	Aug. 13	1327	362	129	2526
Hookham, George, Birmingham, England. Bottle-stopper.	868,784	Oct. 22	2493	687	130	2147
Hookway, Charles T., Syracuse, N. Y. Wheel-shovel.	870,172	Nov. 5	458	126	131	150
Hoon, Lloyd G., Belle Center, Ohio. Rail-fastening apparatus.	842,549	Jan. 29	5612	1187	126	1581
Hooper, Charles N., Dubuque, Iowa. Serving-fork.	872,425	Dec. 3	229	45	131	1204
Hooper, Louis M., Rutherford, N. J., assignor to J. L. Mott Iron Works. Faucet-valve.	867,580	Oct. 8	548	154-5	130	1502
Hooper, William H., Swampscott, Mass., assignor to Manufacturers Machine Company, Montclair, N. J. Welt-marking machine.	861,178	July 23	4402	1209	129	1546
Hooper, William H., Swampscott, Mass., assignor to Manufacturers Machine Company, Montclair, N. J. Channel-flap layer.	861,179	July 23	4404	1209	129	1547
Hooper, William H., Lynn, Mass., assignor to Manufacturers Machine Company, Montclair, N. J. Assembling shoe uppers and soles.	861,180	July 23	4406	1210	129	1547
Hooper, William H., Lynn, Mass., assignor to Manufacturers Machine Company, Montclair, N. J. Portable power channel-flap layer.	865,898	Sept. 10	1789	499-500	130	590
Hooper, William H., and F. S. Hutchins, San Francisco, Cal.; said Hutchins assignor to said Hooper. Gas-engine.	854,092	May 21	3518	726	128	969
Hoopes, William, Pittsburg, Pa., and N. A. Robertson, New York, N. Y. Making electric conductors.	867,658	Oct. 8	656	186	130	1534
Hoopes, William, Pittsburg, Pa., and N. A. Robertson, New York, N. Y. Electric conductor.	867,659	Oct. 8	658	186	130	1534
Hoople, Charles I., Anaheim, Cal. Necktie device.	857,402	June 18	3802	806	128	2728
Hoops, Charles A. (See Maddox, Ernest C., assignor.)						
Hoops, Emmett, South Bend, Wash. Sawmill track-sweeper.	841,522	Jan. 15	3474	749	126	975
Hoos, Martin M., Long Island City, N. Y. Anchor for ferry-boats.	843,458	Feb. 5	1223	256	126	2098
Hooton, Alonzo F., Greenfield, Ind. Electrical rail-bond.	847,337	Mar. 19	3225	710	127	871
Hooven, Clement W., et al. (See Denny, Winfield A., assignor.)						
Hooven, Clement W. (See McMullen, Frank C., assignor.)						
Hooven, Owen, Rentschler Company. (See Holzwarth, Hans, assignor.)						
Hoover, Albert H., and E. M. Clark, Morriell, W. Va. Railway-rail and joint therefor.	874,073	Dec. 17	3664	770	131	1815
Hoover, Arthur L., Avery, Ohio. Combined potato-elevator and vine-separator.	866,932	Sept. 24	3342	943-4	130	1142
Hoover, Arthur L., Avery, Ohio. Vine-separator for potato-diggers.	865,703	Sept. 10	1476	417	130	480
Hoover, Arthur L., Avery, Ohio. Vine-separating mechanism for potato-diggers.	865,780	Sept. 10	1593	451	130	517
Hoover, Charles, Seattle, Wash. Vegetable-disintegrator.	868,437	Oct. 15	1924	538	130	1940
Hoover, Frank T., assignor of one-half to E. D. Smith, Pittsburg, Pa. Amusement device.	840,214	Jan. 1	866	187	126	235
Hoover, Ira E., assignor of one-half to W. M. George, Toledo, Ohio. Street-annunciator for electric cars.	859,498	July 9	1819	489-90	129	643
Hoover, Isaac W., Avery, Ohio. Nozzle.	843,945	Feb. 12	2181	466	126	2374
Hoover, Jacob B., Columbus, Ohio. Muffler for gas-engines.	867,973	Oct. 15	1201	332	130	1722
Hoover, Jacob B., Columbus, Ohio. Gas-engine.	875,077	Dec. 31	5682	1185	131	2201
Hoover, John C., Cincinnati, Ohio. Good-shandler.	875,078	Dec. 31	5683	1186	131	2201
Hoover, Joseph H. (See Imler, Joseph, assignor.)						
Hoover, Thomas A., Fresno, Cal. Vehicle-spring.	862,917	Aug. 13	1328	362	129	2527
Hoover, Thomas H. (See Hoffman and Hoover.)						
Hoover, William M., Cuba, N. Y. Method of and apparatus for making fills, embankments, &c.	841,970	Jan. 22	4366	941	126	1231
Hoover, William N., assignor of one-half to R. T. Johnson, Dayton, Ohio. Turbine.	851,886	Apr. 30	6384	1332-3	127	3353
Hopcroft, Ernest D., assignor to Hopcroft Gas Producer Co., Bridgeport, Conn. Gas-producer.	872,625	Dec. 3	644	135	131	1268
Hopcroft Gas Producer Co. (See Hopcroft, Ernest D., assignor.)						
Hope, Francis P. C., et al. (See Green, Gustavus, assignor.)						
Hope, John, Jr., assignor to Hope Lock Company, Providence, R. I. Tumbler mechanism for locks.	853,926	May 14	3165	648	128	842
Hope, John, Jr., Edgewood, assignor to Hope Lock Company, Providence, R. I. Adjustable frame for door locks and latches.	857,347	June 18	3695	781-2	128	2703
Hope-Jones, Frank, London, England. Electric clock.	871,407	Nov. 19	2652	677-8	131	802
Hope-Jones, Robert, New York, N. Y. Organ.	849,241	Apr. 2	1251	254-5	127	1908
Hope Lock Company. (See Hope, John, Jr., assignor.)						
Hope, Philip J., Everett, Mass. Distilling apparatus.	841,401	Jan. 15	3242	699	126	913
Hope, William. (See Thomson, Blakiston, Hope, and Richards.)						
Hope, William H., Providence, R. I. Door lock and latch.	866,583	Sept. 17	2796	782	130	937
Hopewell, Frank B. (See Kinder, Arthur H., assignor.)						
Hopewell, Frank B., Newton, Mass. Tire-case.	854,215	May 21	3759	778	128	1031
Hopiner, Joseph F., Fosston, Minn. Hame.	846,745	Mar. 12	2063	453	127	554
Hopkins, Albert A. (See Halfpenny and Hopkins.)						
Hopkins, Albert F., Yellow Springs, assignor of one-half to E. B. Gorsuch, Springfield, Ohio. Identification device for business transactions.	862,479	Aug. 6	634	171	129	2286
Hopkins & Allen Arms Co. (See Murphy, John J., assignor.)						
Hopkins, Charles F. (See Clamer and Hopkins.)						
Hopkins, Charles H., Butler, Pa., assignor of fifty-one one-hundredths to National Machinery Co., Tiffin, Ohio. Bolt-header.	873,750	Dec. 17	2953	626	131	1709
Hopkins, Charles L., Chicago, Ill. Curtain-fixture.	846,107	Mar. 5	797	167	127	204
Hopkins, Charles L., Chicago, Ill. Curtain-fixture.	855,781	June 4	655	134	128	1862
Hopkins, Charles L., Waveland, Miss. Floor-set.	863,394	Aug. 13	2059	556	129	2760

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Hopkins, Charles L., Chicago, Ill., assignor to Curtain Supply Company, Newark, N. J. Curtain-fixture	841,971	Jan. 22	4368	942	126	1231
Hopkins, Charles L., Chicago, Ill., assignor to Curtain Supply Company, Newark, N. J. Curtain-fixture	873,863	Dec. 17	3189	679	131	1747
Hopkins, Charles L., Albany, N. Y., assignor to Curtain Supply Company, Newark, N. J. Shade-holding device	849,133	Apr. 2	1065	213	127	1861
Hopkins, Eduard J., assignor of one-half to W. P. Kavanaugh, Bay City, Mich. Fish-net stake	843,339	Feb. 5	1022	211	126	2048
Hopkins, George F., New York, N. Y., assignor to Pollard-Ailling Manufacturing Company. Printing-machine	866,863	Sept. 24	3236	910-11	130	1109
Hopkins, George W., Cleveland, Ohio. Blowpipe	850,581	Apr. 16	3777	788	127	2627
Hopkins, Hubert, assignor, by mesne assignments, to Moon-Hopkins Billing Machine Company, St. Louis, Mo. Full-stroke mechanism	860,602	July 16	3507	965	129	1224
Hopkins, James L., St. Louis, Mo. Street-flushing machine	858,602	July 2	420	109	129	149
Hopkins, James M. (See Campbell, Sterling H., assignor.)						
Hopkins, Lafayette B., North Lawrence, Kans. Screw-driver	870,034	Nov. 5	254	70	131	88
Hopkins, Nelson S., Fort Wayne, Ind., assignor to General Electric Company. Condenser	873,751	Dec. 17	2955	626	131	1709
Hopkins, Samuel W., Enterprise, Kans. Dumping apparatus	850,648	Apr. 16	3929	820-1	127	2666
Hopkins, Thomas and W. B., Lexington, Ky. Hemp-breaking machine	872,426	Dec. 3	232	45-6	131	1204
Hopkins, Thomas F., Puxico, Mo. Device for operating grindstones	860,092	July 16	2742	748	129	970
Hopkins, Thomas J., Soda Springs, Idaho. Milk-pail	856,585	June 11	2267	466	128	2302
Hopkins, William B. (See Hopkins, Thomas and W. B.)						
Hopkins, William C., and J. W. Miller; said Miller assignor to McKee and Bliven Button Company, Muscatine, Iowa. Button-machine	840,939	Jan. 8	2311	508	126	630
Hopkins, William F., Milton, Wash. Railway-crossing signal	866,789	Sept. 24	3128	881	130	1077
Hopkins, William S., Waltham, Mass. Safety-razor	862,480	Aug. 6	636	171	129	2287
Hopkins, William W., assignor to Moon-Hopkins Manufacturing Company, St. Louis, Mo. Multiplying and type-writing machine	844,519	Feb. 19	3339	719-23	126	2699
Hopkins, William W., assignor, by mesne assignments, to Moon-Hopkins Billing Machine Company, St. Louis, Mo. Type-writing machine	860,215	July 16	2921	798-9	129	1029
Hopkins, William W., assignor, by mesne assignments, to Moon-Hopkins Billing Machine Company, St. Louis, Mo. Type-writing machine	860,296	July 16	3034	831-2	129	1067
Hopkins, William W., assignor, by mesne assignments, to Moon-Hopkins Billing Machine Company, St. Louis, Mo. Ribbon-feeding mechanism for type-writing machines	860,297	July 16	3038	832	129	1068
Hopkins, William W., assignor, by mesne assignments, to Moon-Hopkins Billing Machine Company, St. Louis, Mo. Line-spacing mechanism	860,298	July 16	3039	832	129	1068
Hopkins, William W., assignor, by mesne assignments, to Moon-Hopkins Billing Machine Company, St. Louis, Mo. Carriage-stop for type-writing machines	860,299	July 16	3039	833	129	1068
Hopkinson, Austin, Manchester, England. Coal-cutting machine	871,592	Nov. 19	3034	756	131	863
Hopkinson, Ernest, East Orange, N. J. Wheel-rim	864,375	Aug. 27	3526	979	129	3273
Hopkinson, John E., West Drayton, England. Tire for vehicles	848,745	Apr. 2	250	51	127	1650
Hopkinson, Joseph. (See Ozias and Hopkinson.)						
Hoppe, Ernest W., Merton, Wis. Sod-cutter	861,119	July 23	4324	1187	129	1522
Hoppe, George O., Cullom, Ill. Hedge-trimmer	856,871	June 11	2787	580	128	2432
Hoppe, William, Freeport, Minn. Hay-carrier	867,135	Sept. 24	3649	1037	130	1235
Hopper, Emory, Fayette, assignor of one-half to L. Stubblefield, Beecher City, Ill. Motor attachment for vehicles	860,603	July 16	3509	966	129	1224
Hopper, John, Fulham, England. Frame for supporting the hoods of road-vehicles	866,468	Sept. 17	2638	737	130	888
Hoppes, George D., Springfield, Ohio. Separator	840,492	Jan. 8	1431	316	126	411
Hoppes, George D., Springfield, Ohio. Steam-separator	866,725	Sept. 24	3033	855	130	1046
Hoppesch, John P., Chicago, Ill. Horseshoe	842,316	Jan. 29	5100	1085	126	1446
Hopson, Harry B., Macon, Ga. Non-refillable bottle	860,475	July 16	3314	908	129	1160
Horan, Paul, Toledo, Ohio. Electrical connection	860,665	July 23	3622	992	129	1294
Horine, E. M., et al. (See Brodton, Edward R., assignor.)						
Horine, John T. (See Schmit, Nicholas, assignor.)						
Horinek, Rudolf E., Atwood, Kans. Belt guide and shifter	867,974	Oct. 15	1202	332	130	1723
Horix, Carl, Cleveland, Ohio. Metallic reinforcement in concrete structural work	845,787	Mar. 5	106	21	127	31
Horix, Carl, Cleveland, Ohio. Metallic reinforcement for concrete structural work	847,577	Mar. 19	3711	818	127	997
Horix, Carl, East Cleveland, Ohio. Concrete reinforcement	871,699	Nov. 19	3225	798	131	895
Horn, Aaron C. (See Gross and Horn.)						
Horn, Emil, assignor of one-third to J. A. Steele and one-third to W. E. James, Hillyard, Wash. Rotary expansion-engine	867,581	Oct. 8	550	155	130	1502
Horn, Ernest H., assignor to Waterbury Clock Co., Waterbury, Conn. Balance-wheel bridge for watches	846,308	Mar. 5	1168	256	127	295
Horn, Ernest H., assignor to Waterbury Clock Co., Waterbury, Conn. Lever-escape-ment for watches and clocks	855,950	June 4	978	204	128	1940
Horn, Ernest H., assignor to Waterbury Clock Co., Waterbury, Conn. Ratchet-wheel click-spring	864,785	Sept. 3	32	10	130	12
Horn, Ernest H., assignor to Waterbury Clock Co., Waterbury, Conn. Stem winding and setting watch	865,642	Sept. 10	1383	393	130	452
Horn, Frederick F., Colorado Springs, Colo. Hand-rake attachment	871,339	Nov. 19	2502	645	131	780
Horn, Heinrich, Grlitz, Germany. Edge-mill	861,985	July 30	5682	1576	129	1978
Horn, Henry C., Little York, Ill. Draft-equalizer	842,888	Feb. 5	90	20	126	1813
Horn, Henry E., Denver, Colo. Concentrator	861,214	July 23	4464	1225-6	129	1567
Horn, John F., Chicago, Ill. Auxiliary support for printers' chases and forms	857,807	June 25	4613	978	128	2964
Horn, Thomas R., Marquette, Mich. Nut-lock	850,933	Apr. 23	4473	935	127	2841
Horn, William H., Jr., Philadelphia, Pa. Truss-pad	847,775	Mar. 19	4135	903	127	1100
Hornbeck, Cornelius F., Cortland, N. Y. Jeweler's lathe-chuck	861,120	July 23	4326	1187	129	1522
Hornbeck, Robert, G. B. Campbell, and B. F. Hite, Sacramento, Cal.; said Campbell assignor to said Hornbeck. Device for prospecting and mining for gold	843,606	Feb. 12	1542	326	126	2210
Horne, James. (See Dawson and Horne.)						
Horne, Jesse C., and D. H. Yates, Madison, Fla. Dumping-wagon	846,568	Mar. 12	1720	378-9	127	466
Horneffer, Frederick L. (See Shadal, Charles E., assignor.)						
Horner, Annie F., assignor of one-half to E. M. Hill, Enid, Okla. Ter. Fruit-jar holder	858,393	July 2	43	13	129	16
Horner, Jacob W., Columbus, Ind. Inhaler	860,476	July 16	3316	908	129	1160
Horner, Jacob W., Columbus, Ind. Dental soldering apparatus	874,199	Dec. 17	3901	821	131	1856
Horner, Jefferson. (See Miller, Hezekiah, assignor.)						
Horner, John M., Glenfield, Pa. Thermostat and steam-trap	863,179	Aug. 13	1742	468	129	2659
Horner, John M., Glenfield, Pa. Thermostat	863,608	Aug. 20	2380	653	129	2887
Horner, John W., Revere, Mass. Floor-mat	865,180	Sept. 3	630	178-9	130	191
Hornich, William, Jr., assignor to Whitehead & Hoag Company, Newark, N. J. Advertising device	863,278	Aug. 13	1894	511	129	2705
Hornickle, Lute. (See Mills, Edwin H., assignor.)						
Horning, Jacob C. (See Miller and Horning.)						
Horning, John. (See Gray and Horning.)						
Horning, Maurice O., Broughton, Pa. Automatic mine-car switch	842,667	Jan. 29	5881	1239-40	126	1649

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Hornsby, Charley C., Krum, assignor of one-half to R. F. Bell, Fort Worth, Tex. Brazing.	841,151	Jan. 15	2758	126	791
Hornsby, Harry H., Chicago, Ill., and E. W. Anger, Jr., Adrian, Mich. Cut-out block for connecting fuse in circuit.	850,836	Apr. 16	4264	896	127	2748
Hornung, Anton N., Jr., assignor to Louis Hanson Company, Chicago, Ill. Hydraulic chair.	852,559	May 7	359	64	128	97
Hornung, John, Dresden, Ohio. Sad-iron cleaner and waxer.	870,236	Nov. 5	572	154	131	187
Horon, Nicholas, Pen Argyl, Pa. Beer-tap register.	856,872	June 11	2788	581	128	2432
Horrell, John B., et al. (See Teague, Charles C., assignor.)	862,163	Aug. 6	77	22	129	2109
Horrigan, Francis J., Syracuse, N. Y. Root-cutter.	846,309	Mar. 5	1169	256	127	296
Horsley, John G., Sidcup, England. Lock.	870,237	Nov. 5	573	154	131	188
Horsley, Robert L., Fort Worth, Tex., assignor to Worth Wire Works. Wire-coiling machine.	870,514	Nov. 5	1010	275	131	326
Horsley, Robert L., Fort Worth, Tex., assignor to Worth Wire Works. Wire-coiling machine.	870,514	Nov. 5	1010	275	131	326
Horspool, Francis L., Cheyenne, Wyo., assignor of one-half to G. J. Kelly, Ogden, Utah. Locomotive-tender.	852,509	May 7	264	48	128	73
Horst, Emil C., San Francisco, Cal. Drying apparatus.	855,853	June 4	802	168	128	1897
Horst, Emil C., San Francisco, and J. Ehrhorn, Perkins, assignors to E. Clemens Horst Co., San Francisco, Cal. Hop-picker.	857,461	June 18	3906	830-1	128	2754
Horst, Emil C., San Francisco, and J. Ehrhorn, Perkins, assignors to E. Clemens Horst Co., San Francisco, Cal. Hop-picker.	861,285	July 30	4600	1257	129	1647
Horst, George C., assignor to J. A. Jeffrey, Columbus, Ohio. Sprocket-chain.	839,849	Jan. 1	87	21	126	25
Horst, George C., assignor to J. A. Jeffrey, Columbus, Ohio. Conveyer.	865,591	Sept. 10	1307	371	130	425
Horstmann, William H., Philadelphia, Pa. Variable-speed gear and reversing mechanism.	848,244	Mar. 26	5057	1106	127	1365
Horth, John W., Salamanca, N. Y. Faucet.	846,920	Mar. 12	2422	532	127	645
Horton, Arthur E., Lexington, Ky. Insect-trap and tree-guard.	864,539	Aug. 27	3821	1059	129	3368
Horton, Charles M., Portsmouth, N. H., assignor to Singer Manufacturing Company. Machine for forming knotted-thread fastenings.	857,941	June 25	4570	1030-1	128	3027
Horton, Emmet, Elmira, N. Y. Nailing mechanism for basket-making machines.	874,361	Dec. 17	4213	887	131	1910
Horton, George T., Chicago, Ill. Water-tank.	857,626	June 25	4249	897	128	2872
Horton, Horace E., Waukegan, and F. C. Gedge, Evanston, Ill., assignors to American Steel & Wire Company, Worcester, Mass. Recovering sulfate crystals.	863,279	Aug. 13	1895	511-12	129	2705
Horton, Joseph D., Fort Smith, Ark. Portable house.	865,590	Sept. 10	1306	370	130	425
Horton Manufacturing Company. (See Tredwell, Charles A., assignor.)	850,582	Apr. 16	3780	789	127	2628
Horton, Mary C., Woonsocket, R. I. Culinary utensil.	846,921	Mar. 12	2423	532	127	645
Horton, Paul S. (See Anderson, Edward N., assignor.)	856,873	June 11	2790	581	128	2433
Horton, Ross W., and J. E. Molesworth, New Athens, Ohio. Can-opener.	851,289	Apr. 23	5174	1087	127	3016
Horton, Walbridge G., Brattleboro, Vt. Phonograph attachment.	848,245	Mar. 26	5059	1106	127	1365
Horvath, George, Brooklyn, N. Y. Draft-producing device.	848,245	Mar. 26	5059	1106	127	1365
Horwitz, Jacob H., New York, N. Y. File-book, &c.	839,931	Jan. 1	258	55	126	72
Hosac, Mary J., Chicago, Ill., assignor to Warren Featherbone Company, Three Oaks, Mich. Hoop-skirt.	839,931	Jan. 1	258	55	126	72
Hosack, Lee L. (See Geltz and Hosack.)	869,570	Oct. 29	3737	.....	130	2559
Hosack, Thomas T., Oil City, assignor of one-third to H. A. Landis, Dubois, Pa. Solder for aluminum.	865,392	Sept. 10	986	283	130	328
Hose, Charles M., Indianapolis, Ind. Screw-seat valve.	865,392	Sept. 10	986	283	130	328
Hoskin, William. (See Bawden and Hoskin.)	859,882	July 9	2409	655	129	831
Hoskin, William. (See Bawden, Hoskin, and Merritt.)	859,883	July 9	2410	655	129	831
Hosking, Seth. (See Crockard and Hosking.)	872,296	Nov. 26	4514	1071	131	1122
Hosking, Seth, Wheeling, W. Va., assignor to National Tube Company, Pittsburg, Pa. Peep-sight for twyer-stocks.	846,475	Mar. 12	1524	338	127	416
Hoskins, Benjamin, Seattle Wash. Adding-machine.	868,666	Oct. 22	2302	639-40	130	2087
Hoskins Company. (See Marsh, Albert L., assignor.)	859,882	July 9	2409	655	129	831
Hoskins, Nathaniel W., Almond, assignor of one-half to W. H. Rice, Plainfield, Wis. Fence-post.	859,883	July 9	2410	655	129	831
Hoskins, Nathaniel W., Almond, assignor of one-half to W. H. Rice, Plainfield, Wis. Machine for making concrete posts.	872,296	Nov. 26	4514	1071	131	1122
Hoskins, Nathaniel W., Almond, assignor of one-half to W. H. Rice, Plainfield, Wis. Spool-stand.	872,296	Nov. 26	4514	1071	131	1122
Hosmer, Arthur, assignor of one-half to J. D. Collett, Fort Worth, Tex. Railway-crossing.	870,173	Nov. 5	459	127	131	151
Hostachy, Alfred G., New York, N. Y. Glove-stretching implement.	867,374	Oct. 1	227	65	130	1382
Hostetter, Enos M., New Providence, Pa. Transmission-gearing.	866,202	Sept. 17	2249	627	130	763
Hostler, James M. (See Clements and Hostler.)	842,148	Jan. 22	4734	1012	126	1320
Hotaling, Irving L., Riverton, N. J. Curtain-fixture.	842,149	Jan. 22	4736	1012	126	1320
Hotaling, Irving L., Riverton, assignor to Curtain Supply Company, Newark, N. J. Curtain-fixture.	845,788	Mar. 5	107	21	127	31
Hotaling, Isaac, and W. A. Jacobs, Albany, N. Y.; said Jacobs assignor to said Hotaling. Druggist prescription-file.	871,089	Nov. 12	1941	531-2	131	657
Hotaling, Omar J., Johnstown, N. Y. Lifting-jack and cradle for bath-tubs and the like.	845,464	Feb. 26	5473	1154	126	3267
Hotaling, Sheridan P. (See Dayton and Hotaling.)	845,088	Feb. 26	4717	1000	126	3078
Hotchkiss, Paul M., Chicago, Ill. Vibration-check for vehicles.	874,009	Dec. 17	3457	736-7	131	1793
Hotchkiss, Charles A., assignor to Ives Manufacturing Corporation, Bridgeport, Conn. Toy-railway-train stop and signal.	840,625	Jan. 8	1697	373	125	479
Hotchkiss, Cornelia B., Watertown, Conn. Garment-hanger.	869,182	Oct. 22	3087	851	130	2331
Hotchkiss, Joseph V., assignor of one-half to C. F. W. Buente, Webster City, Iowa. Cross-cut-saw.	844,940	Feb. 19	4400	940	126	2957
Hotchner, Joseph, Bronx, N. Y. Illuminated sign.	869,782	Oct. 29	4056	1119	130	2653
Hott, Henry, assignor to Auger & Simon Silk Dyeing Co., Paterson, N. J. Speed-changing mechanism for hydro-extractors.	872,564	Dec. 3	528	110	131	1248
Hott, James L., Lahmansville, W. Va. Hay stack or rick protector.	848,827	Apr. 2	456	90	127	1703
Hottenroth, Frederick W., New York, N. Y. Game apparatus.	851,168	Apr. 23	4915	1033	127	2951
Hotz, Jacob. (See Keuser, Emanuel, assignor.)	850,002	Apr. 9	2666	559	127	2301
Hotze, William M., Carson, Iowa. Stock-fountain.	850,003	Apr. 9	2668	559	127	2301
Houchin, Ernest A., and A. Huber, Brooklyn, N. Y. Conveyer-belt.	850,004	Apr. 9	2669	559	127	2302
Houchin, Ernest A., and A. Huber, Brooklyn, N. Y. Forming fluted soap sheets and articles resulting therefrom.	856,874	June 11	2792	581	128	2433
Houchin, Ernest A., and A. Huber, Brooklyn, N. Y. Apparatus for fluting sheets of soap.	863,395	Aug. 13	2061	556	129	2760
Houghtaling-Coult Manufacturing Company. (See Coult, Joseph H., assignor.)	856,874	June 11	2792	581	128	2433
Houghtaling, Paul A., Riverton, assignor to Curtain Supply Company, Newark, N. J. Curtain-fixture.	856,874	June 11	2792	581	128	2433
Houghtaling, Paul A., Riverton, assignor to Curtain Supply Company, Newark, N. J. Curtain-fixture.	863,395	Aug. 13	2061	556	129	2760

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Houghtaling, Paul A., Riverton, assignor to Curtain Supply Company, Newark, N. J. Curtain-fixture.....	872,516	Dec. 3	416	85	131	1233
Houghton, Alexis C., Syracuse, N. Y. Forming monobasic organic peroxids.....	851,752	Apr. 30	6110	127	127	3279
Houghton, Andrew C., Winnipeg, Manitoba, Canada. Boot-cleaner.....	852,955	May 7	1198	247	128	305
Houghton, Andrew C., Winnipeg, Manitoba, Canada. Boot-cleaner.....	870,679	Nov. 12	1277	348	131	449
Houghton, Charles L., Westfield, Mass., assignor of two-thirds to G. C. Eno, Simsbury, Conn., and M. A. Whitcomb, Holyoke, Mass. Railway-switch.....	872,997	Dec. 3	1417	296-7	131	1391
Houghton, David J., Detroit, Mich. Car-brake.....	840,215	Jan. 1	867	188	126	235
Houghton, Harry E. (See Houghton, Henry S. and H. E.)						
Houghton, Henry S. and H. E., Woonsocket, R. I. Cotton-picker.....	860,295	July 16	3033	831	129	1066
Houghton, Lewis T., Worcester, Mass. Traveling guide for top rolls of spinning or twisting frames.....	869,571	Oct. 29	3737	1023	130	2559
Houghton, Louis S., Baltimore, Md. Blotter or pad.....	857,462	June 18	3908	831	128	2754
Houghton, Paul B., Carpenter, S. D. Exhaust-nozzle.....	841,402	Jan. 15	3243	699	126	913
Houghton, Stephen C., Rome, N. Y. Telephone switch-box.....	849,615	Apr. 9	1981	406	127	2127
Houghton, Stephen C., Rome, N. Y. Telephone-support.....	859,221	July 9	1402	372	129	504
Houghton, Stephen C., assignor to Wire & Telephone Company of America, Rome, N. Y. Telephone-transmitter.....	851,355	Apr. 23	5306	1111	127	3049
Houghton, William, Bath, Me. Cot or hammock hook and beam-socket.....	841,251	Jan. 15	2938	639	126	835
Houk, Sidney C. (See Pollock and Werd, assignors.)						
Houle, Velo, Muskegon, and A. W. Konkle; said Houle assignor to C. Peterson, Manistee, Mich. Street-sweeper.....	850,005	Apr. 9	2671	560	127	2302
Houlehan, John. (See Mayo and Houlehan.)						
Houlehan, John, and W. C. Mayo, El Paso, Tex. Gas-engine.....	871,508	Nov. 19	2878	722	131	835
Houpt, Henry J., Leesburg, Va. Mold for constructing hollow concrete walls.....	841,867	Jan. 22	4178	899-900	126	1189
Hourigan, John J., Brighton-le-Sands, near Sydney, assignor to J. Ravan, Sydney, New South Wales, Australia. Ratchet-drill.....	869,087	Oct. 22	2955	815-16	130	2290
Housam, William, O'Fallon, Ill. Veterinary's operating-table.....	847,180	Mar. 12	2913	641	127	765
House, Henry A., Bridgeport, Conn. Solid-link knife-jointed chain.....	844,869	Feb. 19	4285	914	126	2930
House, Samuel N., St. Louis, Mo. Attachment for cold-tire-shrinking machines.....	848,532	Mar. 26	5657	1239	127	1512
Houseman, Harry A., assignor to Standard Machine Company, Philadelphia, Pa. Splicing yarn-feed device for knitting-machines.....	850,476	Apr. 16	3578	748	127	2575
Houseman, Harry A., assignor to Standard Machine Company, Philadelphia, Pa. Mechanical movement.....	850,934	Apr. 23	4473	936	127	2841
Houseman, Harry A., assignor to Standard Machine Company, Philadelphia, Pa. Pattern mechanism for knitting-machines.....	874,074	Dec. 17	3665	770	131	1816
Houser, Frank G. (See Haight, Frederick, assignor.)						
Housom, Chenoweth, and F. E. Norton, Youngstown, Ohio. Gas-engine inlet-valve.....	863,922	Aug. 20	2844	782-3	129	3035
Houston, George D., Rushville, Ill. Riding-cultivator.....	853,409	May 14	2097	437	128	570
Housworth, Joseph H., Gilmer, Tex. Wagon.....	862,637	Aug. 6	903	241	129	2364
Houts, Silas, Weeping Water, Nebr. Corn-sheller separator.....	866,362	Sept. 17	2501	697	130	845
Houts, William H., San Bernardino, Cal. Pool-table pocket.....	842,550	Jan. 29	5613	1187-8	126	1581
Houtsinger, Henry J., Sterling, Ill. Animal-trap.....	875,265	Dec. 31	6041	1260	131	2262
Houtsinger, Henry J., and H. A. Stilson, Rock Falls, assignors, by mesne assignments, to Sterling Specialty Company, Sterling, Ill. Trap.....	849,070	Apr. 2	911	186-7	127	1820
Houze, Luke, assignor of seven-tenths to R. H. Willey, A. Branquart, and C. F. Niklaus, Monterey, Cal. Composition for brick, &c., and making same.....	875,662	Dec. 31	6942	131	2390	
Hovander, August S., Clay City, Ind. Vise.....	849,616	Apr. 9	1983	406	127	2128
Hover, Charles F. (See Castian, Leopold J., assignor.)						
Hovey, William S., assignor to Sheffield Car Company, Three Rivers, Mich. Railway motor-velocipede.....	862,077	July 30	5828	1616-17	129	2025
Hovey, William S., assignor to Sheffield Car Company, Three Rivers, Mich. Variable speed and reversing gear.....	864,243	Aug. 27	3332	923	129	3213
Hovey, William S., assignor to Sheffield Car Company, Three Rivers, Mich. Railway motor-car.....	866,136	Sept. 17	2157	600	130	734
Hovey, William S., assignor to Sheffield Car Company, Three Rivers, Mich. Locomotive.....	870,560	Nov. 12	1081	295-6	131	382
Hovey, William S., assignor to Sheffield Car Company, Three Rivers, Mich. Variable-speed transmission and reversing gear.....	874,075	Dec. 17	3666	771	131	1816
Hovland, Alfred M. (See Edman, John, assignor.)						
Howard, Alvah L., Vinton, La. Grate-bar.....	844,941	Feb. 19	4401	941	126	2957
Howard, Amos, et al. (See Blair, Gardner L., assignor.)						
Howard, C. H. (See Allen, James M., assignor.)						
Howard, Charles L. (See Dixon and Howard.)						
Howard, Clarence H., assignor to Locomotive Tender Frame Company, St. Louis, Mo. Locomotive-tender and tank-car frame.....	848,369	Mar. 26	5327	1160	127	1429
Howard, Clarence H., assignor to Cast Steel Platform Company, St. Louis, Mo. Car-underframe.....	848,370	Mar. 26	5329	1160	127	1429
Howard, Clarence H., assignor to Davis Locomotive Wheel Company, St. Louis, Mo. Locomotive pilot-beam.....	859,296	July 9	1515	405	129	543
Howard, Clarence H., and C. T. Westlake, assignors to Cast Steel Platform Company, St. Louis, Mo. Car-underframe.....	871,799	Nov. 26	3439	844	131	958
Howard, Clarence H., St. Louis, Mo., and J. F. Dunn, Salt Lake City, Utah, assignors to Davis Locomotive Wheel Company, St. Louis, Mo. Car-underframe.....	845,089	Feb. 26	4718	1000-1	126	3078
Howard, Edward D. (See Waldorf, Eugene C., assignor.)						
Howard, Ernest G., assignor to Chapman Valve Manufacturing Company, Springfield-Mass. Motor-driven valve mechanism.....	863,180	Aug. 13	1743	468-9	129	2659
Howard, Ferdinand J., Santa Cruz, Cal. Fish-parachute.....	843,946	Feb. 12	2182	467	126	2374
Howard, Frank B., assignor to Rector Gas Lamp Company, New York, N. Y. Mantle-holder.....	858,603	July 2	421	109	129	150
Howard, Frank B., assignor to Rector Gas Lamp Company, New York, N. Y. Mantle-support.....	860,543	July 16	3410	937	129	1192
Howard, Frank H., Brookside, near Reading, Pa. Journal-bearing.....	865,899	Sept. 10	1794	500	130	591
Howard, Frank P., Washington, D. C., assignor to Mergenthaler Linotype Company, New York, N. Y. Ejector-blade for linotype-machines and kindred machines.....	859,661	July 9	2080	562	129	726
Howard, Frank S., Lombard, Ill. Device for tying rolls of roofing materials.....	873,046	Dec. 10	1564	327-8	131	1443
Howard, George E., assignor to Howard Label Company, Washington, D. C. Label.....	841,321	Jan. 15	3083	667	126	872
Howard, George E., Washington, D. C., assignor to Howard Label Company. Label.....	861,286	July 30	4602	1257	129	1648
Howard, George M. (See Rodman and Howard.)						
Howard, H. G., et al. (See Blair, Gardner L., assignor.)						
Howard, Herbert, Galena, Ohio. Combination currycomb and brush.....	862,918	Aug. 13	1329	363	129	2527
Howard, Jasper N., Lagrange, Ind. Tool-handle.....	844,130	Feb. 12	2514	540	126	2454
Howard, Jesse C., assignor of one-half to D. H. Fobes, Columbus, Ohio. Piston-head.....	850,583	Apr. 16	3782	789	127	2628
Howard, John B., St. John, Kans. Pruning-knife.....	870,366	Nov. 5	799	213	131	261
Howard, Joseph W., and R. M. McKee, Greeneville, Tenn. Index cell-case equipment for delivery of mail.....	840,332	Jan. 1	1088	237	126	291

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Howard Label Company. (See Howard, George E., assignor.)						
Howard, Laurence B. (See Denief and Howard.)						
Howard, Lemuel F., Edgewood Park, assignor to Union Switch and Signal Company, Swissvale, Pa. Relay.....	869,490	Oct. 29	3596	985	130	2515
Howard, Mentor, Lewisville, Tex. Wire-fence clip.....	851,937	Apr. 30	6506	1356	127	3382
Howard & Morse. (See Howard, William B., assignor.)						
Howard, Riley H., Riverside, Cal. Puzzle-box.....	862,738	Aug. 6	1058	286	129	2408
Howard, Robert G., Newton, Mass. Weighing-machine.....	859,222	July 9	1403	373	129	504
Howard, Robert G., Newton, Mass. Changeable exhibitor.....	859,223	July 9	1408	374	129	507
Howard, Robert G., Newton, Mass. Changeable exhibitor.....	859,224	July 9	1410	374	129	508
Howard, Robert G., Newton, Mass. Changeable exhibitor.....	859,225	July 9	1412	375	129	509
Howard, Robert G., Newton, Mass. Weighing-machine.....	859,226	July 9	1414	375-6	129	510
Howard, Thomas E. (See Cooper, Frederick W., assignor.)						
Howard, Thomas P., et al. (See Page, Herbert J., assignor.)						
Howard, William B., Brooklyn, assignor to Howard & Morse, New York, N. Y. Shaking-bolt.....	857,942	June 25	4877	1031	128	3029
Howard, William H., New Canton, Ill. Animal-trap.....	873,864	Dec. 17	3192	680	131	1748
Howe, Charles, and H. H. Eldredge, Guthrie, Okla. Banana-crate.....	875,266	Dec. 31	6043	1260	131	2262
Howe, Charles J., et al. (See Sharts, Truman P., assignor.)						
Howe and Davidson Company. (See Davidson, Frank B., assignor.)						
Howe, Edward A., New York, N. Y. Hat-frame former.....	854,216	May 21	3761	778	128	1032
Howe, Frank C., El Paso, Tex. Scoop.....	840,940	Jan. 8	2315	509	126	631
Howe, Frank C., El Paso, Tex. Scoop.....	840,941	Jan. 8	2317	509	126	631
Howe, Frank C., El Paso, Tex. Weighing-scoop.....	852,182	Apr. 30	6998	1461	127	3507
Howe, Frank C., El Paso, Tex. Weighing-scoop.....	852,183	Apr. 30	7000	1461	127	3507
Howe, Frank T., New Bedford, Mass. Work-box.....	855,635	June 4	364	75	128	1787
Howe, Fred F., Salem, assignor, by mesne assignments, to Turner Tanning Machinery Company, Boston, Mass. Seasoning-machine.....	873,238	Dec. 10	1920	403	131	1504
Howe, George, New York, N. Y., assignor to Metropolitan Engineering Company. Electric sign.....	842,954	Feb. 5	223	50	126	1845
Howe, George M., Chicago, Ill. Automatic switch-stand.....	846,062	June 4	1172	247-8	128	1989
Howe, Glenn G., Indianapolis, Ind. Drive-chain.....	844,805	Feb. 19	4168	888	126	2901
Howe, Henry E., Auburn, assignor of one-half to R. L. Golbert, Worcester, Mass. Bushing or thimble for lasts.....	855,403	May 28	6061	1266	128	1644
Howe, Henry E., Auburn, assignor of one-half to R. L. Golbert, Worcester, Mass. Hinged last.....	859,065	July 2	1166	314	129	395
Howe, John. (See Sowter and Howe.)						
Howe, Mortimer A., Tacoma, Wash. Separable double letter-sheet.....	858,001	June 25	5025	1062	128	3067
Howe, Ralph W., and E. J. Orndol, Wheeling, W. Va. Water-motor.....	841,649	Jan. 15	3710	807	126	1033
Howe, Solon G., Detroit, Mich. Composite roadway and constructing the same.....	842,201	Jan. 29	4855	1037	126	1384
Howe, Solon G., Detroit, Mich. Railway-track construction.....	842,202	Jan. 29	4858	1037	126	1384
Howe, Solon G., Detroit, Mich. Catch-basin.....	863,181	Aug. 13	1747	469	129	2660
Howe, Thomas J., M. Deeg, and F. La Bare, assignors to Owatonna Manufacturing Company, Owatonna, Minn. Combined churn and butter-worker.....	866,594	Sept. 17	2797	783	130	938
Howe, Virgil C., San Francisco, Cal. Means for connecting flue-sections.....	869,710	Oct. 29	3951	1090	130	2623
Howe, Warren, Jr., Visalia, Cal. Oil-burner.....	859,450	July 9	1751	468	129	621
Howe, William F., Chicago, Ill. Power-transmission device.....	849,617	Apr. 9	1985	406-7	127	2128
Howe, Winthrop K. (See Dodgson and Howe.)						
Howell, Albert S., assignor to D. J. Bell, Chicago, Ill. Picture-exhibiting machine.....	862,559	Aug. 6	782	208-9	129	2326
Howell, Arlington W., Texico, N. Mex. Ter. Chart-exhibitor.....	855,636	June 4	366	75-6	128	1787
Howell, Austin W., Hanover township, Licking county, Ohio. Gage-wheel.....	858,290	June 25	5665	1190	128	3205
Howell, Charles T., Kirkman, Iowa. Ditching-plow.....	850,006	Apr. 9	2672	560	127	2302
Howell, Charles W., assignor to Sun Typewriter Company, Newark, N. J. Type-writing machine.....	851,988	Apr. 30	6600	1375-6	127	3407
Howell, Charles W., assignor to Sun Typewriter Company, Newark, N. J. Type-writing machine.....	852,721	May 7	698	135-6	128	183
Howell, Clarence W., et al. (See Howell, William, assignor.)						
Howell, Edward B., Butte, Mont. Weir-gage.....	846,669	Mar. 12	1923	423	127	519
Howell, Edward B., Butte, Mont. Electric railway signaling device.....	865,781	Sept. 10	1594	451-2	130	517
Howell, Frank R., et al. (See Howell, William, assignor.)						
Howell, Harry H., Hope, Ark., assignor of one-fifth to W. C. Wilson, Brice, Ohio. Machine for molding plastic material.....	852,839	May 7	950	195	128	242
Howell, Harvey, and J. Duff, Wheeling, W. Va. Assorting device.....	854,356	May 21	4008	829	128	1098
Howell, James T., Seattle, Wash. Electric heater.....	846,853	Mar. 12	2287	503	127	613
Howell, John, New York, N. Y. Controlling device.....	872,347	Dec. 3	58	12	131	1178
Howell, John E., Ukiah, Cal. Butt-chisel.....	860,544	July 16	3411	937	129	1192
Howell, John E., Ukiah, Cal. Butt-chisel.....	860,545	July 16	3412	938	129	1192
Howell, John W., and W. R. Burrows, Newark, N. J., assignors to General Electric Company. Machine for making stems of incandescent lamps.....	843,750	Feb. 12	1808	385	126	2281
Howell, John W., and W. R. Burrows, Newark, N. J., assignors to General Electric Company. Machine for making stems for incandescent lamps.....	860,977	July 23	4112	1126	129	1453
Howell, Jordan M., Jr., assignor of one-half to A. L. Walker, Dallas, Tex. Car-coupling.....	841,523	Jan. 15	3475	749-50	126	975
Howell, Lewis O., assignor, by mesne assignments, to Sanitary Appliance Company, Philadelphia, Pa. Expandible pipe-cleaner.....	856,063	June 4	1176	248	128	1990
Howell, Lewis O., assignor, by mesne assignments, to Sanitary Appliance Company, Philadelphia, Pa. Cleaning device.....	857,627	June 25	4251	898	128	2872
Howell, Lewis O., assignor, by mesne assignments, to Sanitary Appliance Company, Philadelphia, Pa. Pneumatic cleaning device.....	862,824	Aug. 6	1192	321	129	2448
Howell, Robert R., Minneapolis, Minn. Wind-stacker.....	848,172	Mar. 26	4926	1075-6	127	1331
Howell, Samuel M., Zanesville, Ohio, and F. W. Green, Little Falls, N. J. Internal-combustion motor.....	861,726	July 30	5283	1454	129	1857
Howell, William, assignor of one-half to F. R. and C. W. Howell, Philadelphia, Pa. Gas heater or stove.....	862,560	Aug. 6	784	209	129	2327
Howell, William H., Harrisburg, Ill. Egg-case.....	851,595	Feb. 23	5782	1209	127	3167
Howell, William S., Stanton, Mich. Wheel attachment for sleds.....	844,725	Apr. 19	4004	853	126	2856
Howells, J. O. (See Matheney, George L., assignor.)						
Hower, Charles L., Vintondale, Pa. Leveling apparatus.....	841,868	Jan. 22	4180	900	126	1189
Hower, Charles L., Vintondale, Pa. Apparatus for leveling.....	841,869	Jan. 22	4184	901	126	1189
Howerton, John B., Burke, Ky. Vehicle-brake.....	842,203	Jan. 29	4860	1037	126	1385
Howes, Claude L., Boston, Mass. Nose-guard for eyeglasses.....	865,042	Sept. 3	439	118	130	135
Howes, Harry W. (See Keseler, Lewis H., assignor.)						
Howes, James E. (See Howes and Otto.)						
Howes, Thomas G. and J. E., Moosomin, Assiniboia, and W. G. Otto, Vars, Ontario, Canada. Fire-escape.....	864,540	Aug. 27	3822	1059	129	3368
Howg, Carl M., Effington, S. D. Belt-shifter.....	848,904	Apr. 2	620	123	127	1747
Howland, Charles C., Hyde, near Manchester, England. Weaving-shuttle.....	855,511	June 4	130	27	128	1727

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Howland, Stephen H. (See Perkins, Arthur J., assignor.)						
Howland, Willard. (See Fifield, James J., assignor.)						
Howlett, Michael J., New York, N. Y. Game-box.	861,032	July 23	4203	1151	129	1480
Howley, Martin F., Pittsburg, Pa. Concrete gutter.	856,702	June 11	2485	511	128	2356
Howlin, William, Newtown, near Sydney, New South Wales, Australia. Time-controlled gas-cock.	861,854	July 30	5488	1514-15	129	1919
Howorth, Frank W. (See Bottger, Albert C., assignor.)						
Hoxie Ammunition Company. (See Hoxie, Gilbert H., assignor.)						
Hoxie, Edmund, Everett, Mass. Throttle-valve.	841,322	Jan. 15	3084	667	126	872
Hoxie, Gilbert H., Chicago, Ill., assignor to Hoxie Ammunition Company. Projectile.	843,017	Feb. 5	358	78	126	1882
Hoya, Ferdinand A., assignor of one-half to W. W. Plankinton, Milwaukee, Wis. Sad-iron.	849,331	Apr. 2	1420	286	127	1949
Hoysos, Hokon, Chicago, Ill. Means for preventing the destruction of ships by submarine explosions.	860,382	July 16	3172	867	129	1112
Hoyt, Charles M., and M. J. McNulty, Atoka, Ind. Ter. Cattle-guard.	841,524	Jan. 15	3476	750	126	975
Hoyt, Gabriel P. B., New York, N. Y. Motor.	874,200,	Dec. 17	3903	821-2	131	1857
Hoyt, H. B. (See Hamilton, William H., assignor.)						
Hoyt, Matthew L., assignor to D. H. Burrell & Company, Little Falls, N. Y. Shaft-mounting for centrifugal machines.	850,477	Apr. 16	3580	748	127	2575
Hoyt Metal Company. (See Haughwout, John W., assignor.)						
Hoyt, Morgan H. (See Monks, Daniel H., assignor.)						
Hoyt, Roscoe, New York, N. Y. Packing-machine.	859,772	July 9	2237	609-10	129	779
Hoyt, Thomas F., Seattle, Wash. Life-saving garment.	860,136	July 16	2805	765	129	993
Hoyt, William H., Wyoming, N. J. Apparatus for making flat talking-machine records.	847,338	Mar. 19	3227	711	127	871
Hoyt, William H., Wyoming, N. J. Making molded flat sound-records.	867,975	Oct. 15	1203	332	130	1723
Hoyt, William H., Stamford, Conn., assignor of one-half to E. I. Horsman Co., New York, N. Y. Mechanical changeable picture.	855,057	May 28	5413	1124	128	1482
Hrdina, Frank C., North St. Paul, Minn. Conveyor system.	871,340	Nov. 19	2504	645-6	131	780
Hrdlicka, John, <i>et al.</i> (See Lauber, William, assignor.)						
Hrody, Joseph T. (See Babbe and Hrody.)						
Hromadko, Frank. (See Slonka, John, assignor.)						
Hrubetz, Albert. (See Sands, Alonzo P., assignor.)						
Hruby, Thomas J. (See Müller, August E., assignor.)						
Hruby, Thomas J. (See Plummer, George C., assignor.)						
Hruska, Louis, assignor of one-half to G. De Blois, Chicago, Ill. Electric-light cluster.	862,397	Aug. 6	483	129	129	2238
Hubbard, Albert S., Greenwich, Conn., assignor to Gould Storage Battery Company. System of electrical distribution.	858,720	July 2	619	162	129	213
Hubbard, Albert S., Belleville, N. J., assignor to Gould Storage Battery Company. Alternating-current apparatus.	869,244	Oct. 29	3193	879	130	2391
Hubbard, Albert S., Greenwich, Conn., and W. A. Turbayne, Lancaster, N. Y., assignors to Gould Storage Battery Company. Electrical system of distribution.	869,243	Oct. 29	3189	879	130	2389
Hubbard, Albert S., Belleville, N. J., and W. A. Turbayne, Lancaster, N. Y., assignors to Gould Storage Battery Company. Electrical system of distribution.	869,306	Oct. 29	3294	908	130	2423
Hubbard, Alfred. (See Fellows and Hubbard.)						
Hubbard, Arthur O., Minneapolis, Minn. Silo.	853,696	May 14	2679	551-2	128	723
Hubbard, Arthur R., London, England. Spring-tire for wheels.	856,957	June 11	2937	617	128	2468
Hubbard, Eber, Chicago, Ill. Spool or bobbin.	864,304	Aug. 27	3420	951	129	3239
Hubbard, Elmer W., U. S. Army. Automatic gunnery-correcting device.	865,247	Sept. 3	733	210	130	221
Hubbard, Frank H. (See Whitaker and Hubbard.)						
Hubbard, Fred W., and T. A. Morton, Columbus, Ohio. Shade-cutting device.	856,403	June 11	1920	395	128	2215
Hubbard, George M., assignor to W. & E. T. Fitch Co., New Haven, Conn. Snap-hook.	857,403	June 18	3804	807	128	2728
Hubbard, Joseph C., Georgetown, S. C. Automatic drainage attachment for lubricators.	856,151	June 4	1352	283	128	2034
Hubbard, Joseph C., Georgetown, S. C. Automatic drainage attachment for lubricators.	856,152	June 4	1354	283	128	2035
Hubbard, Moses G., Jr., Austin, Ill. Brake for electric cars.	874,508	Dec. 24	4529	952-3	131	1991
Hubbard, Thomas J. and W. W., Abingdon, Ill. Insect-screen device.	859,385	July 9	1669	444	129	593
Hubbard, William, near Sydney, New South Wales, Australia. Wagon.	875,433	Dec. 31	6384	1331	131	2315
Hubbard, William W. (See Hubbard, Thomas J. and W. W.)						
Hubbell, Harvey, Bridgeport, Conn. Flush attachment-plug.	857,176	June 18	3387	715	128	2624
Hubbell, Harvey, Bridgeport, Conn. Flush switch.	857,177	June 18	3388	715	128	2624
Hubbell, Harvey, Bridgeport, Conn. Incandescent-lamp cluster.	872,065	Nov. 26	4063	973	131	1048
Hubbell, John E., Schenectady, N. Y., assignor to General Electric Company. Prepayment mechanism.	850,755	Apr. 16	4115	861	127	2710
Hubbell, Samuel G., Milwaukee, Wis. Fracture apparatus.	848,173	Mar. 26	4928	1076-7	127	1332
Huben, Gustav A., Chicago, Ill. Game apparatus.	848,371	Mar. 26	5330	1161	127	1429
Huber Account Register Company. (See Huber, John F., assignor.)						
Huber, Anthony. (See Houchin and Huber.)						
Huber, Carl, Berlin, Germany. Hydraulic-press multiplicator.	841,972	Jan. 22	4369	942	126	1232
Huber, Emil, Detroit, Mich. Clutch.	852,956	May 7	1199	247	128	305
Huber, Emil, Detroit, Mich. Steering-gear.	858,186	June 25	5390	1148	128	3160
Huber, Frederick K., Celina, Tex. Screen-catch.	850,935	Apr. 23	4475	937	127	2842
Huber-Hodgman Printing Press Company. (See Hall, Bicknell, assignor.)						
Huber-Hodgman Printing Press Company. (See Hodgman, Willis K., assignor.)						
Huber-Hodgman Printing Press Company. (See Hodgman and Hall, assignors.)						
Huber, Jay. (See Shively and Huber.)						
Huber, John F., assignor to Huber Account Register Company, Buffalo, N. Y. File or holder for sales-slips, &c.	845,417	Feb. 26	5368	1139	126	3241
Huber, Louis, <i>et al.</i> (See Stambois, Charles, assignor.)						
Huber, Sigmund V., Pittsburg, Pa. Rolling-mill.	844,520	Feb. 19	3353	723-4	126	2703
Huber, Sigmund V., Pittsburg, Pa. Feed-table for rolling-mills.	857,282	June 18	3578	756-7	128	2673
Huber, Sigmund V., Pittsburg, Pa. Feed-table for rolling-mills.	857,283	June 18	3581	757-8	128	2673
Huber, Sigmund V., Pittsburg, Pa. Cutting-tool.	857,284	June 18	3582	758	128	2674
Huber, Sigmund V., Pittsburg, Pa. Apparatus for manufacturing tubes.	857,348	June 18	3697	782	128	2704
Huber, Tony, Billancourt, France. Carbureter for hydrocarbon-engines.	856,958	June 11	2940	617-18	128	2468
Hubert, Conrad. (See Coleman, Clyde J., assignor.)						
Hubert, Philip G., Los Angeles, Cal. Extension bath-room for apartment-houses.	864,376	Aug. 27	3528	979	129	3273
Hubert, Theodore, assignor to C. F. Splitdorf, New York, N. Y. Magneto-armature.	854,421	May 21	4133	856	128	1128
Hubert, William, assignor of one-half to J. Weimer, Chicago, Ill. Curtain-support.	845,355	Feb. 26	5255	1114	126	3214
Hübner, Josef, and I. Mayer, Vienna, Austria-Hungary. Pressure-reducing valve.	847,944	Mar. 19	4499	986	127	1187
Hübner, Robert, New York, N. Y. Horseshoe.	873,373	Dec. 10	2217	461	131	1550
Hübsch, Joseph, New York, N. Y. Mechanical animal.	868,564	Oct. 15	2113	591	130	2002
Hubscher, Emile, and A. Maurer, La Chaux-de-Fonds, Switzerland. Watch-movement.	861,727	July 30	5285	1454	129	1857
Hückel, Hugo, Neutitschein, Austria-Hungary. Machine with revolving wings or blades, applicable either as propeller, motor, pump, or blowing-engine.	854,038	May 21	3392	699-700	128	937

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Huckle, Thomas W., Standish, Mich. Draft apparatus.....	840,942	Jan. 8	2319	509-10	126	632
Huckleby, B., Bonham, Tex. Hoof-trimming device.....	854,644	May 21	4545	949	128	1229
Huckstead, Alonzo T. (See Barton and Huckstead.)						
Huddleston, Herbert J. (See Curl and Huddleston.)						
Hudson, Charles. (See Leeming and Hudson.)						
Hudson, David W. (See Hoberg and Hudson.)						
Hudson, Denby. (See Holgate, Hartley, assignor.)						
Hudson, Edmund, Templeton, Mass. Hydrocarbon-engine.....	864,844	Sept. 3	130	35	130	41
Hudson, Edward A., Oquawka, Ill. Skillet.....	863,536	Aug. 13	2258	612	129	2819
Hudson, Erving C., Wilmington, N. C. Blacking-brush.....	873,550	Dec. 10	2558	539-40	131	1609
Hudson, Francis V. M., Brooklyn, N. Y. Wall of building-blocks.....	867,043	Sept. 24	3515	997-8	130	1196
Hudson, Frederick E., Ellisburg, N. Y. Silo.....	851,091	Apr. 23	4756	1001	127	2910
Hudson, John, Hamlin, Tex. Cotton-chopper.....	370,434	Nov. 5	896	241-2	131	294
Hudson, John, Spokane, Wash. Guide and presser-foot for sewing-machines.....	875,577	Dec. 31	6642	1390	131	2360
Hudson, John W. (See Brewer, James T., assignor.)						
Hudson, Peter, Billett, Ill. Permutation-lock.....	860,093	July 16	2742	748	129	971
Hudson, William H., Mount Vernon, N. Y., assignor to Peerless Fashion Company. Perforating and marking machine.....	847,578	Mar. 19	3712	818-19	127	997
Hudson, William T., J. R. Parks, and W. H. Coursey, assignors of one-half to said Hud- son, one-third to said Coursey, and one-sixth to W. E. Dobbins, Atlanta, Ga. Candy- making machine.....	856,959	June 11	2941	618	128	2469
Huebner, Ernest D., Milwaukee, Wis. Surgical appliance.....	853,410	May 14	2099	437	128	570
Huebsch, Joseph, Milwaukee, Wis. Automatic shut-off-valve mechanism.....	875,176	Dec. 31	5874	1225	131	2233
Hueg, Herman F. W., New York, N. Y. Dough-dividing machine.....	840,062	Jan. 1	542	117-18	126	145
Hueg, Herman F. W., New York, N. Y. Dough-shaping machine.....	846,790	Mar. 12	2151	472-3	127	577
Huenefeld, Ernst H. (See Carter, John R., assignor.)						
Huenefeld, Ernst H. (See Pross, George F., assignor.)						
Huetner, Jacob. (See Beattie, Huetner, and Martin.)						
Huey, James E., assignor of one-half to W. C. Lovejoy, Charlotte, N. C. Door-pivoting device.....	842,668	Jan. 29	5883	1240	126	1650
Huff, Elbridge, Jr., Brooklyn, N. Y. Building.....	872,236	Nov. 26	4408	1048	131	1105
Huff Electrostatic Separator Company. (See Heath, George S., assignor.)						
Huff Electrostatic Separator Company. (See Pickard, Greenleaf W., assignor.)						
Huff Electrostatic Separator Company. (See Wentworth, Henry A., assignor.)						
Huff Electrostatic Separator Company. (See Wynne, Philip H., assignor.)						
Huff, Furman, assignor of one-half to R. Jordan, Caldwell, Kans. Plow.....	862,825	Aug. 6	1193	321	129	2448
Huff, George, Tropic, Cal. Dog-collar.....	870,784	Nov. 12	1455	394	131	505
Huff, George W. (See Huff, John T. and G. W.)						
Huff, Jacob C. (See Chambers, Froome, Huff, and McCrary.)						
Huff, John F., Cerro Gordo, Ill. Plow-anvil.....	858,514	July 2	262	64	129	94
Huff, John T. and G. W., Chicago, Ill. Adjustable bracket.....	863,068	Aug. 13	1562	423	129	2602
Huff, Russell, Detroit, Mich. Pump.....	844,360	Feb. 19	3017	644-5	125	2620
Huff, Russell, assignor to Packard Motor Car Company, Detroit, Mich. Friction-clutch.	840,626	Jan. 8	1698	373	126	479
Huff, Wesley E. (See Shaw, John I., assignor.)						
Huffman, Daniel B., White, Idaho. Combination-tool.....	854,891	May 28	5091	1058	128	1399
Huffman, David A., Paris, Ill. Order-file.....	841,525	Jan. 15	3477	750	126	976
Huffman, David A., Paris, Ill. Buckle.....	845,642	Feb. 26	5799	1226	126	3348
Huffman, David A., Paris, Ill. Buckle-sleeve.....	855,459	June 4	36	8	128	1704
Huffman, Harman G., Youngstown, Ohio. Case for detachable segment-lenses.....	867,375	Oct. 1	229	65-6	130	1383
Huffman, Henry M. (See White, John H., assignor.)						
Huffman, May A., et al. (See Bluntach, Alexander J., assignor.)						
Huffman, Robert C., Baltimore, Md. Concrete-heating machine.....	853,456	May 14	2185	453-4	128	594
Huffman, Roy T., Bessemer, Ala. Automatic wagon-brake.....	855,704	Sept. 10	1477	417	130	480
Huffman, William H., assignor to International Acheson Graphite Company, Niagara Falls, N. Y. Method of and means for charging electric furnaces.....	860,477	July 16	3317	908	129	1161
Huffmaster, Charles A., San Leandro, Cal. Pipe-laying machine.....	868,565	Oct. 15	2115	591-2	130	2002
Huggett, Marietta M. (See Buffinton, Elisha W., assignor.)						
Huggins, E. F. (See Sevcik, Joseph, assignor.)						
Huggins, John J., Fulton, Ky. Baling-machine.....	845,356	Feb. 26	5256	1114	126	3214
Huggins, John T., Pomeroy, Ohio. Combined fountain scrub-brush and mop.....	866,469	Sept. 17	2640	737	130	889
Huggins, Ulysses S. (See Miller and Huggins.)						
Hugh Lyons and Company. (See Lyons, Arthur E., assignor.)						
Hughes, Albert F. (See Robertson, William S., assignor.)						
Hughes, Albert J., St. Anthony Park, Minn. Envelop.....	872,730	Dec. 3	872	180	131	1304
Hughes, Albert T., London, England. Means for locking nuts to bolts.....	859,814	July 9	2295	624	129	796
Hughes, Alexander A., Gunn, assignor of one-half to T. J. Walker, Magee, Miss. Land- side.....	856,153	June 4	1356	284	128	2035
Hughes, Arthur J., Pearl River, N. Y. Universal joint for shafts and rods.....	848,652	Apr. 2	57	13	127	1599
Hughes, Benjamin, Montreal, and H. N. Young, Rockfield, Quebec, assignors to G. A. Morris, Montreal, Canada. Extension-ladder.....	856,875	June 11	2793	582	128	2434
Hughes, Charles H., Rossburg, Ohio. Nut-lock.....	845,643	Feb. 26	5800	1226	126	3348
Hughes, Ed. S., et al. (See Dudley, Thomas J., assignor.)						
Hughes, Edward J., Weston, Va. Va. Collar shaper and drier.....	851,356	Apr. 23	5308	1111-12	127	3049
Hughes Eyelet Company. (See Hughes, William, assignor.)						
Hughes, Felix, Vancouver, British Columbia, Canada. Skid-setting gage.....	839,932	Jan. 1	259	56	126	72
Hughes, Frederick G. (See Stout and Hughes.)						
Hughes, Harrison W., South Orange, N. J. Wrench.....	843,274	Feb. 5	905	184	126	2021
Hughes, Henry A., St. Louis, Mo. Physician's cabinet.....	842,669	Jan. 29	5885	1240-1	126	1650
Hughes, Henry E., Central Falls, R. I. Bobbin-clutching device for spindles.....	857,556	June 18	4102	870	128	2804
Hughes, Hugh T., Frankfort, N. Y. Game.....	842,096	Jan. 22	4609	989	126	1287
Hughes, Hugh T., Frankfort, N. Y., assignor of one-half to H. D. Scammel. Dish-drainer.....	861,181	July 23	4409	1210	129	1547
Hughes, Johnson, Wissahickon, Pa. Heating-furnace.....	857,285	June 18	3584	758-9	128	2674
Hughes, Owen P., New Castle, Pa. Machinist's wrench-hammer.....	853,172	May 7	1595	332	128	403
Hughes, Samuel, Lindsay, Ontario, Canada. Dust-protector for traction-engines.....	874,962	Dec. 31	5459	1141	131	2164
Hughes, Theophilus V., Birmingham, England. Apparatus for the heat treatment of metals.....	868,185	Oct. 15	1501	425	130	1814
Hughes, Victor H., Sabetha, and D. C. Evans, Hiawatha, assignors of one-third to F. G. Beaulieu, Sabetha, Kans. Watering-trough.....	849,843	Apr. 9	2410	491	127	2237
Hughes, Wallace B., Dallas, Tex. Venetian blind or shade.....	857,066	Jan. 18	3170	667	128	2571
Hughes, Walter R. (See Hammer, Fredrick, assignor.)						
Hughes, Warren G., Cairo, Ill. Fore-carriage for vehicles.....	860,094	July 16	2744	749	129	971
Hughes, William, Sharon, Pa. Motor.....	847,072	Mar. 12	2716	599	127	717
Hughes, William, assignor to Hughes Eyelet Company, Taunton, Mass. Eyelet.....	872,237	Nov. 26	4409	1048	131	1105
Hughes, William B., Chestnut Hill, Pa. Gas-producer.....	852,957	May 7	1200	247-8	128	305
Hughes, William B., Cleveland, Ohio. Gas-producer.....	852,958	May 7	1201	248	128	305
Hughes, William B., Cleveland, Ohio. Gas-producer.....	866,032	Sept. 17	2005	558	130	686

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Hughes, William E., Seattle, Wash. Door-lock electric switch.....	853,791	May 14	2866	589	128	770
Hughes, William E., Mineral Ridge, Ohio. Railway-track construction.....	866,470	Sept. 17	2641	738	130	889
Hughes, William H., Birmingham, Ala. Steam-grate shaker.....	845,090	Feb. 26	4720	1001	126	3079
Hughes, Willow W., Los Angeles, Cal. Food-preservative compound.....	868,566	Oct. 15	2117		130	2003
Hughey, Dallas D., Upper Alton, assignor to Illinois Glass Company, Alton, Ill. Glass-mold.....	856,154	June 4	1357	284	128	2036
Hughson, George F. (See Hochfeldt, William, assignor.) (Reissue.)						
Hugo, Theodor, assignor to Telschow Gebrüder, Berlin, Germany. Device for manufacturing paper bags.....	857,067	June 18	3173	668	128	2572
Huguley, Burwell E., Danbury, Ga. Cultivator and harrow.....	864,244	Aug. 27	3334	923	129	3214
Huguley, George E., Atlanta, Ga. Vehicle-tire.....	853,792	May 14	2868	589	128	770
Hugus, George M. (See Haile and Hugus.)						
Hugus, Jacob E., Franklin, Pa. Horse-hitching device.....	844,598	Feb. 19	3745	788	126	2791
Huhn, John H., assignor to Fairmont Box Car Loader Company, Fairmont, W. Va. Car-loader.....	870,175	Nov. 5	463	127-8	131	152
Huhn, John H., and C. F. Ice, assignors to Fairmont Box Car Loader Company, Fairmont, W. Va. Rotary shovel for loading cars.....	870,174	Nov. 5	461	127	131	151
Huhn, John H., and C. F. Ice, assignors to Fairmont Box Car Loader Company, Fairmont, W. Va. Car-loader.....	870,294	Nov. 5	661	177	131	216
Huillier, Georges, Paris, France. Wind-shield for vehicles.....	849,242	Apr. 2	1260	255	127	1910
Huising, Garrett H., assignor to Porter Safety Seal Co., Chicago, Ill. Seal-press.....	847,776	Mar. 19	4136	903	127	1100
Huising, Garrett H., assignor to Porter Safety Seal Co., Chicago, Ill. Seal.....	865,043	Sept. 3	440	118	130	135
Huising, Garrett H., assignor to Porter Safety Seal Co., Chicago, Ill. Seal.....	871,872	Nov. 26	3618	883	131	984
Huisman, Gerit, Kamrar, Iowa. Riding attachment for harrows.....	852,118	Apr. 30	6888	1439	127	3477
Hulberg, Frederick. (See Robinson William H., assignor.)						
Hulbert, Edwin F., Kenosha, Wis. Pneumatic paint-tool.....	862,164	Aug. 6	77	22	129	2109
Hulbert, Edwin F., Kenosha, Wis. Crate.....	865,705	Sept. 10	1478	417	130	480
Hulbert, Edwin F., assignor to National Oyster Carrier Co., Kenosha, Wis. Box-fastener.....	866,555	Sept. 17	2800	784	130	938
Hulbert, Edwin F., assignor to one-half to L. C. Brooks, Kenosha, Wis. Crate structure.....	875,267	Dec. 31	6044	1261	131	2262
Hulbert, James, Ashtabula, Ohio. Bag-holder.....	868,269	Oct. 15	1643	464	130	1860
Hulbert, Judd W., Hartford, Ohio. Metallic tie.....	841,973	Jan. 22	4370	942	126	1232
Huling, Edmund J. (See Ashley and Huling.)						
Hulit, John A., Topeka, Kans. Selective call apparatus.....	850,837	Apr. 16	4268	896-7	127	2749
Hull, Arthur B., assignor to Friend Mfg. Co., Gasport, N. Y. Spray-nozzle.....	848,995	Apr. 2	766	156	127	1783
Hull, Benjamin F., Syracuse, N. Y. Furniture and analogous structure.....	864,466	Aug. 27	3670	1021	129	3322
Hull, David C., assignor to United States Whip Company, Westfield, Mass. Crimper and tucker for whip-buttons.....	861,653	July 30	5175	1420-1	129	1827
Hull, David C., assignor to United States Whip Company, Westfield, Mass. Ratan-splitting machine.....	870,435	Nov. 5	897	242-3	131	294
Hull, J. Frank, et al. (See Wilkins, George H., assignor.)						
Hull, John C., Gasport, N. Y. Spraying-nozzle.....	858,811	July 2	789	206	129	275
Hull, John W., East Brady, Pa. Revolving table.....	855,951	June 4	979	204	128	1941
Hull, John W., assignor to one-half to M. I. Manowitz, San Antonio, Tex. Closure for bottles, &c.....	849,243	Apr. 2	1261	255	127	1911
Hull, John W., Sr., assignor to Zion City Manufacturing Co., Zion City, Ill. Fire-shield.....	868,927	Oct. 22	2712	747	130	2214
Hull, Joseph V., Brooklyn, assignor to H. C. Blye, New York, N. Y. Closure for bottles, jars, and other receptacles.....	855,782	June 4	657	134	128	1863
Hull, Joseph V., Brooklyn, assignor to H. C. Blye, New York, N. Y. Closure for bottles, jars, and other receptacles.....	862,481	Aug. 6	638	171	129	2287
Hull, Joseph V., Brooklyn, assignor to H. C. Blye, New York, N. Y. Closure for bottles, jars, and other receptacles.....	862,482	Aug. 6	640	172	129	2288
Hull, Joseph V., Brooklyn, assignor to H. C. Blye, New York, N. Y. Machine for sealing bottles, jars, and other receptacles.....	874,201	Dec. 17	3905	822-3	131	1857
Hull, Lycurgus E., Great Falls, Mont. Farm implement.....	848,306	Mar. 26	5210	1137	127	1403
Hull, Lycurgus E., Great Falls, Mont. Guitar attachment.....	866,137	Sept. 17	2157	609-1	130	735
Hull, Robert W., Boston, Mass. Machine for unwinding, measuring, and rewinding rolls of sheet material.....	851,938	Apr. 30	6506	1357	127	3382
Hull, William, Souris, Manitoba, Canada. Air-ship.....	856,876	June 11	2794	582-3	128	2434
Hull, William S., Jackson, Miss. Mosquito-trap.....	874,680	Dec. 24	4864	1023	131	2047
Hullhorst, William G., assignor to Ransom & Randolph Company, Toledo, Ohio. Instrument-tray.....	846,030	Mar. 5	632	133	127	163
Hüllinghorst, Friedrich J. D., London, England. Cooler.....	872,427	Dec. 3	234	46-7	131	1204
Hullings, Charles W., Philadelphia, Pa. Boiler fire-box.....	846,310	Mar. 5	1171	257	127	296
Hülsberg & Cie. mit beschränkter Haftung. (See Kuckuck, Berthold, assignor.)						
Hülsberg & Co. Gesellschaft mit Beschränkter Haftung. (See Rüping, Max, assignor.) (Reissue.)						
Hulscher, William T. (See Heyser, Frederick J., assignor.)						
Hulse, Jerome E., Albany, N. Y. Mop.....	853,793	May 14	2869	590	128	770
Hulse, Jerome E., Albany, N. Y. Automatically-sharpening shears.....	874,847	Dec. 24	5170	1089	131	2101
Hulsen Fabrik A. Jaunsem, (Andreas Jaunsem.) (See Nowitzky, Wilhelm F., assignor.)						
Hultgreen, Charles E., and H. L. Clements, Dawson City, Yukon Territory, Canada. Current-motor.....	862,252	Aug. 6	230	63-4	129	2154
Hultgren, William H., Philadelphia, Pa., assignor to Otis Elevator Company, Jersey City, N. J. Elevator-controlling mechanism.....	859,944	July 16	2505	680-1	129	892
Hultman, Iver. (See Herath and Hultman.)						
Hultquist, Charles A., Lowell, Ariz. Ter. Rock-drill chuck.....	856,877	June 11	2797	583	128	2435
Hultquist, Mary E., Brookhaven, Miss. Scissors.....	845,644	Feb. 26	5801	1226	126	3348
Hultz, Smith M., and C. I. Smith, Elyria, Ohio. Display-rack.....	870,176	Nov. 5	465	128	131	153
Human, Robert B., Chickasha, Ind. Ter. Stalk-cutter.....	861,121	July 23	4328	1188	129	1523
Humane Horseshoe Co. (See Gardner and Grosjean, assignors.)						
Humane Horseshoe Co. (See Gardner, Grosjean, and Pennell, assignors.)						
Humason, Granville A., Natchez, Miss., assignor to one-fourth to E. O. Riordan, Washington, D. C. Burglar-alarm.....	874,202	Dec. 17	3909	823	131	1858
Humber Limited. (See Easom and Biggs, assignors.)						
Humes, Harry S., assignor to one-half to Young Building and Investment Company, Denver, Colo. Combined rule and square.....	843,459	Feb. 5	1224	257	126	2099
Hummel, Charles L., Flatrock, Ohio. Cutting apparatus for harvesters.....	839,850	Jan. 1	88	21	126	26
Hummel, Frederick H., New York, N. Y. Cutting-tool holder.....	858,985	July 2	1060	279	129	362
Hummel, Josef, Paris, France. Friction driving-gear.....	859,066	July 2	1168	314-15	129	395
Hummer, Arthur C., Seattle, Wash. Butter-cutter.....	868,342	Oct. 15	1768	500	130	1895
Hummer, Arthur C., assignor to United Produce Company, G. O. Brehm and R. Munro, Jr., Seattle, Wash. Box for shipping and storing butter.....	862,739	Aug. 6	1060	286	129	2408
Hummer, George P. (See Calhoun, Joseph C., assignor.)						
Humphreville, Frank, Lancaster, Pa. Shoe-polishing machine.....	869,435	Oct. 29	3507	963	130	2488
Humphrey, Alfred H., New York, N. Y. Gas-lamp.....	841,323	Jan. 15	3085	668	126	872
Humphrey, Alfred H., New York, N. Y. Gas-lamp.....	855,315	May 28	5911	1233	128	1607

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Humphrey, Alfred H., New York, N. Y. Gas-lamp.....	861,182	July 23	4410	1210	129	1548
Humphrey, Alfred H., New York, N. Y. Gas-lamp.....	863,182	Aug. 13	1748	469-70	129	2660
Humphrey, Alfred H. and H. R., New York, N. Y. Gas-lamp.....	856,960	June 11	2949	619	128	2471
Humphrey, Arthur W., and A. H. Mawbey, Griff Crossing, near Nuneaton, England. Fog signaling apparatus for railways and the like.....	851,989	Apr. 30	6607	1376	127	3409
Humphrey, Charles S., Bellefontaine, Ohio. Core-bar.....	874,769	Dec. 24	5041	1061	131	2076
Humphrey Company. (See Humphrey, Herbert S., assignor.)						
Humphrey, Edgar, and M. R. Williams, Cordova, Ill. Sectional propeller.....	856,586	June 11	2268	466	128	2302
Humphrey, Ernest N., assignor to Traut and Hine Manufacturing Company, New Britain, Conn. Buckle.....	855,637	June 4	369	76	128	1788
Humphrey, Henry L., Monroe, Mich. Trolley-wheel.....	866,363	Sept. 17	2502	698	130	845
Humphrey, Herbert S., assignor to Humphrey Company, Kalamazoo, Mich. Water-beater.....	844,131	Feb. 12	2515	540	126	2454
Humphrey, Hubert R. (See Humphrey, Alfred H. and H. R.)						
Humphrey, James, Boston, Mass. Plate for artificial teeth.....	872,626	Dec. 3	647	135	131	1269
Humphrey, Julius W., St. Johns, Ore. Fence or dike.....	851,619	Apr. 23	5617	1177	127	3124
Humphrey, Rufus B. (See Fillyaw and Humphrey.)						
Humphreys, Charles E., Walker, Cal. Quartz-mill.....	860,747	July 23	3745	1025-7	129	1332
Humphreys, Edwin W., Chicago, Ill. Window.....	862,253	Aug. 6	231	64-6	129	2154
Humphreys, John, Henderson, Ky. Jack.....	849,788	Apr. 9	2290	471	127	2206
Humphreys, Robert E. L., Greenville, W. Va. Horseshoe.....	861,033	July 23	4204	1151	129	1480
Humphries, George E., Wellington, New Zealand. Window.....	865,341	Sept. 3	895	256	130	271
Humphries, George E., Wellington, New Zealand. Scaffolding.....	867,274	Oct. 1	66	20	130	1334
Humphries, George E., Wellington, New Zealand. Scaffolding-bracket.....	873,129	Dec. 10	1724	360	131	1470
Humphris, Frank, London, England. Driving-gear.....	859,662	July 9	2081	562	129	727
Hündhausen, Rudolf, Halensee, near Berlin, Germany. Typing-machine.....	872,348	Dec. 3	60	12	131	1178
Hundhausen, Rudolf, Wilmersdorf, near Berlin, Germany, assignor, by mesne assignments, to General Electric Company. System of electrical distribution.....	840,216	Jan. 1	869	188	126	236
Hüneke, Hermann. (See Martini and Hüneke.)						
Hungate, Charles D., Camp Creek, Va. Bail attachment.....	874,681	Dec. 24	4866	1023	131	2047
Hunger, Henry J., et al. (See Richmond, Louis E., assignor.)						
Hungerford, Anthony D. (See Glass, William T., assignor.)						
Hungerford, Henry H. (See Peters and Hungerford.)						
Hungerford, Oliver T., Belleville, N. J. Electric conductor.....	854,217	May 21	3762	778	128	1032
Hungerford, Oliver T., Belleville, N. J. Insulated electric conductor.....	854,218	May 21	3763	779	128	1032
Hunnewell, George T., Great Falls, Mont. Swimming-machine.....	841,974	Jan. 22	4372	943	126	1232
Hunnicut, Charles, Wilmington, Ohio. Corn-grader.....	864,894	Sept. 3	208	58	130	65
Hunnicut, Charles, Wilmington, Ohio. Corn-grader.....	870,515	Nov. 5	1011	275	131	326
Hunsaker, Archibald W., Pomona, Cal. Automatically-balanced vertical-shaft centrifugal pump.....	865,900	Sept. 10	1794	500	130	591
Hunsinger, John E., assignor to E. A. and F. Cheney, Saginaw, East Side, Mich. Ore-testing tablet.....	868,270	Oct. 15	1643	464	130	1860
Hunt, Albert E. (See MacLachlan, John C., assignor.)						
Hunt, Bertram, San Francisco, Cal. Filtering apparatus.....	841,526	Jan. 15	3478	751	126	976
Hunt, Bertram, San Francisco, Cal. Grinding and pulverizing apparatus.....	849,545	Apr. 9	1855	377	127	2096
Hunt, Charles, Chicago, Ill. Puzzle.....	873,313	Dec. 10	2086	435	131	1529
Hunt, Charles W., New York, N. Y. Hoisting apparatus.....	841,870	Jan. 22	4186	901	126	1190
Hunt & Co., M. A. (See Steadman, Arthur, assignor.)						
Hunt, David F., assignor to Goodell Company, Antrim, N. H. Fruit-paring machine.....	858,344	June 25	5677	1213	128	3237
Hunt, David M., et al. (See Logan, Crawford D., assignor.)						
Hunt, Edward D., and A. C. James, assignors to C. M. Osburn, Mount Victory, Ohio. Scaffold-jack.....	874,362	Dec. 17	4215	887	131	1910
Hunt, Fred W., Key West, Fla. Swing-shelf.....	872,941	Dec. 3	1305	276	131	1372
Hunt, Frederic O., Darlington, England. Controlling device for electrically-driven machinery.....	853,585	May 14	2443	508-9	128	660
Hunt, Frederick W., Minneapolis, Minn. Type-writer with tabulating mechanism.....	841,871	Jan. 22	4189	901-3	126	1191
Hunt, Helm, Ferris & Company. (See Ferris, Henry L., assignor.)						
Hunt, James H., Greenwich, Conn. Covering for mangle-rolls.....	869,572	Oct. 29	3738	1023	130	2560
Hunt, James S. A., Mattie, W. Va. Rail-joint.....	847,073	Mar. 12	2719	599	127	718
Hunt, Jarvis. (See Foster, Clair, assignor.)						
Hunt, John B., Trenton, N. J. Window holding and antirattling device.....	853,697	May 14	2680	552	128	723
Hunt, John R., Floyd, Cal. Wrench.....	850,756	Apr. 16	4119	862	127	2711
Hunt, Joseph, Miami, Manitoba, Canada. Sash-fastening device.....	859,499	July 9	1821	490	129	643
Hunt, Leigh, Iola, Kans. Reinforcing-bar.....	841,014	Jan. 8	2462	536	126	671
Hunt, Major C. (See Williams, Nathan W., assignor.)						
Hunt, Mark, Rockford, Ill. Combination-tool.....	868,343	Oct. 15	1770	500	130	1895
Hunt, Milton E., Waterville, Me. Rolling-door hanger.....	862,561	Aug. 6	785	209	129	2327
Hunt, Ozello R., Kenosha, Wis. Cabinet.....	856,155	June 4	1359	284-5	128	2036
Hunt, Ozello R., assignor to Simmons Manufacturing Company, Kenosha, Wis. Leaf-support.....	849,736	Apr. 9	2187	451	127	2179
Hunt, Pearly, Centerville, Iowa. Molding or forming mechanism.....	851,939	Apr. 30	6508	1357	127	3382
Hunt, Rensselaer. (See Farini, Guillermo A., assignor.)						
Hunt, Roland, Philadelphia, Pa. Pleasure-railway.....	852,184	Apr. 30	7002	1461-2	127	3508
Hunt, Samuel D., Youngstown, Ohio. Trolley.....	869,711	Oct. 29	3952	1090	130	2623
Hunt, William, Cottageville, Ky. Wagon-body.....	853,794	May 14	2871	590	128	771
Hunt, William F., Lincoln, Nebr. Calculator.....	853,411	May 14	2100	438	128	571
Hunter, Alexander W., Vandergriff, Pa. Curtain-pole.....	863,993	Aug. 20	2945	811	129	3065
Hunter, Charles C. (See Minehart and Hunter.)						
Hunter, David E., Cambridge, assignor to Library Bureau, Boston, Mass. Interchangeable furniture unit.....	841,872	Jan. 22	4193	903	126	1191
Hunter, David E., Cambridge, assignor to Library Bureau, Boston, Mass. Roller-support for movable doors and other objects.....	857,557	June 18	4102	870	128	2805
Hunter, Frederick G., Moncton, New Brunswick, Canada. Grease-cup.....	855,889	June 4	864	179	128	1912
Hunter, George D., Bloomington, Ind., assignor to Sullivan Machinery Company, Claremont, N. H. Direct-acting engine.....	842,150	Jan. 22	4738	1013	126	1321
Hunter, Harry S., Aspinwall, Pa. Inserted-tooth milling-saw.....	867,275	Oct. 1	68	20	130	1335
Hunter, Henry. (See Elkins and Hunter.)						
Hunter, James S., Washington, D. C. Facing-tile.....	845,550	Feb. 26	5622	1191	126	3304
Hunter, James W., et al. (See Clements, James A., assignor.)						
Hunter, John B., Pittsburg, Pa. Vehicle-wheel.....	856,156	June 4	1361	285	128	2037
Hunter, Joseph L., Roanoke, Va. Stack-furnace construction.....	853,698	May 14	2682	552-3	128	723
Hunter, Lucian B., Greeley, Colo. Ore-separator.....	843,086	Feb. 5	506	105-6	126	1924
Hunter, Mary A., Philadelphia, Pa. Converting iron castings into steel or malleable iron.....	846,031	Mar. 5	634		127	163
Hunter, Percy E. (See Wackermann, Frank, assignor.)						
Hunter, Robert L., Cleveland, Ohio. Fishing-reel.....	842,551	Jan. 29	5615	1188	126	1581

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Hunter, Robert L., Lakewood, assignor of one-half to D. M. Osborne, Cleveland, Ohio. Electric bell.	866,471	Sept. 17	2642	738	130	889
Hunter, Rudolph M., Philadelphia, Pa. Trousers-supporter.	863,716	Aug. 20	2523	697	129	2934
Hunter, Stephen D., Philadelphia, Pa. Automobile wind-shield.	873,047	Dec. 10	1565	328	131	1443
Hunter, Stephen D., Philadelphia, Pa. Holder for automobile-top bows.	874,963	Dec. 31	5461	1142	131	2164
Hunter, William N., Blanchester, Ohio. Staple-forming machine.	861,518	July 30	4964	1364	129	1759
Hunter, William N., Blanchester, Ohio. Sound-recorder for talking-machines.	875,352	Dec. 31	6223	1297	131	2288
Hunter, Work, Buffalo, Pa. Fence-post-setting tool.	844,726	Feb. 19	4005	853	126	2856
Huntington, Archer M., New York, N. Y. Exhibiting device for coins.	870,885	Nov. 12	1614	442	131	554
Huntington, Arthur S. (See Huntington, Charles S. and A. S.)						
Huntington, Arthur S., Omaha, Nebr. Buckle.	863,280	Aug. 13	1896	512	129	2705
Huntington, Charles S. and A. S., Omaha, Nebr. Snap-hook.	873,239	Dec. 10	1921	403	131	1504
Huntington, Charles S. and A. S., Omaha, Nebr. Buckle.	874,076	Dec. 17	3668	771	131	1816
Huntington, George D., Watertown, and A. R. O'Neill and F. P. Noone, assignors to Raquette Foundry & Supply Company, Potsdam, N. Y. Digester-cover.	853,795	May 14	2874	591	128	772
Huntington, Samuel W., Aberdeen, S. D. Display device.	850,649	Apr. 16	3930	821	127	2666
Huntington, William D. (See Whitney, Dennis A., assignor.)						
Huntley, De Witt C., Jr., Kansas City, Kans. Pencil.	874,077	Dec. 17	3669	772	131	1816
Huntley, Elijah, Seattle, Wash. Wrench.	850,969	Apr. 16	4342	910	127	2769
Huntley, Elijah, Seattle, Wash. Rug-fastener.	865,102	Sept. 3	524	145	130	159
Huntley, Henry F., Seattle, Wash. Finger-shield.	843,819	Feb. 12	1924	412	126	2310
Huntley, Stephen A., Casper, Wyo. Water-elevating machine.	843,275	Feb. 5	906	184-5	126	2021
Huntoon, Charles F., assignor to Chicago Railway Equipment Company, Chicago, Ill. Body-bolster.	851,753	Apr. 30	6110	1277	127	3279
Huntoon, Fred M., Riverside, Cal. Solar heater.	842,788	Jan. 29	6144	1296	126	1710
Huntoon, Fred M., Riverside, Cal. Lawn-sprinkler.	850,007	Apr. 9	2674	561	127	2303
Huntoon, Fred M., assignor of three-fourths to H. H. Hinde, Riverside, Cal. Flume-gate.	868,863	Oct. 22	2613	722	130	2182
Hunting, Samuel E., San Francisco, Cal. Outlet-box.	856,640	June 11	2375	488	128	2330
Hupfel, Adolph G., New York, N. Y. Keg-handling mechanism.	871,274	Nov. 19	2345	610-11	131	757
Hurd, Arthur J., assignor to Wilson & Hurd Manufacturing Co., Wausau, Wis. Milk-pail holder.	874,078	Dec. 17	3670	772	131	1817
Hurd, Charles K., Iowa City, Iowa. Extensible display-rack.	843,396	Feb. 5	1111	231	126	2070
Hurd, Elijah L., Howell, S. D. Draft-releasing device.	870,177	Nov. 5	467	128	131	153
Hurd, Frank B., New York, N. Y. Bridge-whist apparatus.	868,928	Oct. 22	2713	747	130	2214
Hurd, Herbert J., Berlin, Ontario, Canada. Machine for molding cement bricks, blocks, and the like.	857,737	June 25	4470	944	128	2928
Hurd, James C., assignor of one-half to F. K. Williams, Springfield, Mass. Tweezers.	849,789	Apr. 9	2292	471	127	2206
Hurd, James W., Dona, Va. Hay-rake.	847,074	Mar. 12	2720	600	127	718
Hurd, James W., Dona, Va. Match-box.	854,579	May 21	4429	920	128	1201
Hurd, James W., Dona, Va. Coke-puller.	863,537	Aug. 13	2259	612-13	129	2819
Hurd, Myron L., assignor of one-half to O. S. Hurd, Kansas City, Mo. Automatic corn-cribber.	861,364	July 30	4731	1292-3	129	1689
Hurd, Norman B., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock.	843,607	Feb. 12	1543	326	126	2211
Hurd, Norman B., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock.	861,986	July 30	5683	1577	129	1979
Hurd, Norman B., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch.	875,177	Dec. 31	5876	1225	131	2233
Hurd, O. S. (See Hurd, Myron L., assignor.)						
Hurd, Theodore T., assignor to C. L. Jeffries, Seattle, Wash. Wrench.	860,300	July 16	3041	833	129	1069
Hurd, William W. (See Mather, George C., assignor.)						
Hurdle, Julian A., New York, N. Y., assignor of one-half to Federation Hardware and Tool Company. Knob-lock.	842,834	Jan. 29	6222	1314	126	1730
Hurford, Alvin. (See Courtney, Sarah C., assignor.)						
Hurlburt, Albert R., Middletown, Conn. Deck-plate.	849,618	Apr. 9	1988	407	127	2129
Hurlburt, George B., Middletown, Conn. Wheel.	873,048	Dec. 10	1567	328	131	1444
Hurlbut, Charles C., White Plains, N. Y. Fireproof window.	858,515	July 2	263	64-5	129	94
Hurley, Andrew J., et al. (See Warthen, Harry J., assignor.)						
Hurley, Charles P., Chicago, Ill., assignor to American Can Company, New York, N. Y. Lock-side-seam key-opening can.	859,297	July 9	1516	405	129	543
Hurley, Daniel, and W. T. Barratt, assignors to C. Cooper, Bennington, Vt. Yarn measuring and feeding device for knitting-machines.	855,316	May 28	5913	1233	128	1607
Hurley, George A., Rockland, Mass. Lip-turning machine.	854,168	Jan 21	3662	757	128	1004
Hurley, George M., Los Angeles, Cal. Three-point contact-trolley timer for internal-combustion motor-cars.	871,064	Nov. 12	1895	519	131	643
Hurley, John A., Bridgeport, Conn. Food-chopper.	868,344	Oct. 15	1771	500	130	1896
Hurley, John W., et al. (See Jordan, Henry C., assignor.)						
Hurley, John W., Portland, Oreg., assignor of one-half to H. C. Jordan. Meat-tenderer.	857,568	June 18	4134	876	128	2809
Hurley, Timothy E., Beverly, Mass. Rubber boot and shoe.	873,551	Dec. 10	2559	540	131	1609
Hurley, William A. (See Ansell, James, assignor.)						
Hürlimann, Jakob, Halidon, N. J. Bottle or jar and the like.	847,075	Mar. 12	2723	600	127	719
Hurry, Rutgers I. (See Prevost, Dwight F., assignor.)						
Hurst, Asa. (See Dennis, Carey, assignor.)						
Hurst, Daniel, Red Oak, Iowa. Trough.	869,088	Oct. 22	2956	816	130	2291
Hurst, Henry G., and W. H. Roth, Ozora, Mo. Twine-holder for binding corn, grain, &c.	874,770	Dec. 24	5042	1062	131	2077
Hurst, Henry R., Cairo, Ga. Cotton-chopper.	843,460	Feb. 5	1226	257	126	2099
Hurt, Joel J., South Omaha, Nebr., assignor to Emerson Manufacturing Company, Rockford, Ill. Agricultural implement.	855,247	May 28	5798	1208-9	128	1579
Hurt, William B. (See Johnson and Hurt.)						
Hurteau, George H., Montgomery, Ill. Shelving.	869,491	Oct. 29	3598	986	130	2516
Hurwood Manufacturing Company. (See Bishop, Albert T., assignor.)						
Hurwood Manufacturing Company. (See Bishop and McCann, assignors.)						
Husband, Orville C. (See Miller, Dewitt C., assignor.)						
Husby, Hans P., assignor to Goss Printing Press Company, Chicago, Ill. Rotary folding mechanism for printing-presses.	870,964	Nov. 12	1757	479	131	600
Husby, Hans P., assignor to Goss Printing Press Company, Chicago, Ill. Folding apparatus for printing-presses.	871,038	Nov. 12	1856	509	131	630
Husemann, Charles, St. Louis, Mo. Door-latch.	848,034	Mar. 26	4711	1027	127	1277
Huseth, Sever O., Great Falls, Mont. Self-locking cannon-pinion.	860,216	July 16	2925	799	129	1029
Hushour, William H., Groseclose, Va., assignor of one-half to L. Posey, New Orleans, La. Letter-box.	869,844	Oct. 29	4145	1145	130	2679
Huss, Philip, Lakewood, N. J. Larding-needle for meat.	867,044	Sept. 24	3516	998	130	1197
Husser, Jules, Pittsburg, Pa. Beater.	843,461	Feb. 5	1228	257	126	2100
Husser, Jules, Pittsburg, Pa. Non-refillable bottle.	844,727	Feb. 19	4006	853	126	2857
Husser, Jules, Pittsburg, Pa. Grater.	849,134	Apr. 2	1068	214	127	1862

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Husser, Jules, Pittsburg, Pa. Life-saving device for boats.....	855,890	June 4	867	179	128	1913
Hussey, John M., Cambridge, Mass. Apparatus for desiccating eggs.....	865,342	Sept. 3	896	257-9	130	272
Hussey, John M., Cambridge, Mass. Desiccating eggs.....	866,586	Sept. 17	2801	784-5	130	938
Hussey, Thomas, Hollywood, Cal. Miner's gold-pan.....	840,333	Jan. 1	1091	238	126	292
Hussey, William P., assignor to Standard Dry Kiln Company, Indianapolis, Ind. Truck.	843,340	Feb. 5	1025	211	126	2049
Hussey, William P., assignor to Standard Dry Kiln Company, Indianapolis, Ind. Steam-heating apparatus.....	845,789	Mar. 5	108	21-2	127	31
Huston, Charles L., Coatesville, Pa. Gas-producer.....	852,228	Apr. 30	7088	1481	127	3530
Huston, Edward D., Chaplin, Ky. Traction-engine.....	874,593	Dec. 24	4686	985	131	2018
Huston, William B. (See Terhune, Eldon and Huston.)						
Hutchens, Peter W., Modoc, assignor of one-half to L. Anderson, Economy, Ind. Wire-coupling.....	861,728	July 30	5287	1454	129	1858
Hutches, Benjamin F., Jr., New York, N. Y. Type-writer operator.....	848,653	Apr. 2	58	13-15	127	1599
Hutches, Benjamin F., Jr., New York, N. Y. Automatic paper-feeder for type-writers.....	848,654	Apr. 2	65	15-16	127	1601
Hutcheson, Caswell L., Chattanooga, Tenn. Brick-holder for use in the care of live stock.....	842,835	Jan. 29	6224	1314	126	1730
Hutcheson, Caswell L., Chattanooga, Tenn. Salt-brick holder for live stock.....	872,818	Dec. 3	1042	218	131	1332
Hutcheson, Earl H., Atlanta, Ga. Bed-bottom.....	866,790	Sept. 24	3129	881	130	1077
Hutcheson, George C., and W. Reynolds, assignors, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register.....	860,478	July 16	3319	909	129	1162
Hutcheson, James, Johnson county, Kans. Grain and straw separator.....	850,008	Apr. 9	2675	561	127	2303
Hutcheson, John A. (See Benedict and Hutcheson.)						
Hutcheson, Thomas C., and A. M. Wilkins, Comer, Ga. Display-cabinet.....	872,942	Dec. 3	1306	276	131	1372
Hutchings, John, London, England. Turbine.....	868,438	Oct. 15	1925	538-9	130	1941
Hutchings, John, London, England. Tide or wave motor.....	870,965	Nov. 12	1759	479-80	131	600
Hutchings, Judd W. (See Wasson and Hutchings.)						
Hutchings, William E., Louisville, Ky. Hoist.....	850,757	Apr. 16	4120	862	127	2712
Hutchins, Arthur W., Providence, R. I. Implement for forming lips on glass blown bottles.....	840,565	Jan. 8	1585	348	126	449
Hutchins, Arthur W., Providence, R. I. Forming glass blown bottles and molds therefor.....	840,849	Jan. 8	2117	468	126	582
Hutchins, Arthur W., assignor to Measuring Appliance Company, Providence, R. I. Bottle.....	845,175	Feb. 26	4884	1036	126	3122
Hutchins Car Roofing Company. (See Herbert, Samuel, assignor.)						
Hutchins Car Roofing Company. (See Otis, Spencer, assignor.)						
Hutchins, Charles, Pataskala, Ohio. Mold for cement posts.....	866,653	Sept. 24	2917	824	130	1004
Hutchins, Edward J., New Haven, Conn. Apparatus for feeding cables into conduits.....	855,952	June 4	980	204	128	1941
Hutchins, Elmer F., and J. J. Sala, Loyal, Wis. Rural-mail-carrier's box.....	865,706	Sept. 10	1480	418	130	481
Hutchins, Frederick, Harlesden, England. Apparatus used in covering wires or other cores with fibrous material.....	856,878	June 11	2798	583-4	128	2435
Hutchins, Frederick, Harlesden, England. Spinning-roller.....	866,364	Sept. 17	2503	698	130	845
Hutchins, Frederick S. (See Hooper and Hutchins.)						
Hutchins, George F., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Loom.....	860,918	July 23	4006	1098	129	1417
Hutchins, George F., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Shuttle-box motion for looms.....	868,271	Oct. 15	1644	464-5	130	1860
Hutchins, Thomas E., Beatrice, Nebr. Boiler-flue blower.....	863,538	Aug. 13	2262	613-14	129	2820
Hutchins, Vernon C., Falls Creek, Pa. Steel railway-tie.....	852,437	May 7	53	11	128	17
Hutchinson, Charles G., assignor to A. H. Carlisle, New York, N. Y. Recreation-wheel.....	864,245	Aug. 27	3335	924	129	3214
Hutchinson, Ely C., assignor to C. R. Allen, San Francisco, Cal. Briquet-press.....	851,007	Apr. 23	4596	963-4	127	2871
Hutchinson, Frederick M., Nashville, Ark. Cotton-chopper.....	850,531	Apr. 16	3686	771	127	2604
Hutchinson, Llewellyn, Boston, Mass. Rotary circuit-closer.....	860,383	July 16	3174	868	129	1113
Hutchinson, O. W. (See Davis, Monroe, assignor.)						
Hutchinson, William F., assignor to Sweetwood Tooth Pick Company, Nyack, N. Y. Drier.....	843,608	Feb. 12	1545	326	126	2211
Hutchinson, William F., assignor to Sweetwood Tooth Pick Company, Nyack, N. Y. Toothpick-machine.....	869,573	Oct. 29	3739	1023-4	130	2560
Hutchinson, William F., Nyack, N. Y., assignor to Sarnia Match Company, Sarnia, Ontario, Canada. Match-machine.....	865,592	Sept. 10	1308	371	130	426
Hutchinson, William F., Nyack, N. Y., assignor to Sarnia Match Company, Sarnia, Ontario, Canada. Match-machine.....	866,648	Sept. 24	2908	819	130	1001
Hutchinson, William F., Nyack, N. Y., assignor to Sarnia Match Company, Sarnia, Ontario, Canada. Match-machine.....	866,649	Sept. 24	2910	819	130	1001
Hutchinson, William F., Nyack, N. Y., assignor to Sarnia Match Company, Sarnia, Ontario, Canada. Match-machine.....	866,650	Sept. 24	2910	819-23	130	1001
Hutchinson, William F., Nyack, N. Y., assignor to Sarnia Match Company, Sarnia, Ontario, Canada. Match-machine.....	866,651	Sept. 24	2914	823-4	130	1002
Hutchinson, William S., Boston, Mass. Fire-resisting shutter.....	866,652	Sept. 24	2917	824	130	1003
Hutchinson, Montrose E., assignor of one-half to J. G. Pierce, Klamath Falls, Oreg. Buckle.....	843,462	Feb. 5	1229	257-8	126	2100
Hutchison, Robert B., Pittsburg, Pa. Surface-cleaning machine.....	840,063	Jan. 1	545	118	126	146
Hutchison, Robert B., Pittsburg, Pa., assignor of one-half to A. H. Thurston, New York, N. Y. Carpet-cleaning machine.....	871,937	Nov. 26	3746	912-13	131	1004
Hutchison, William R. (See Stitzer, David, assignor.)	871,700	Nov. 19	3226	798	131	896
Huther Brothers' Saw Manufacturing Company. (See Huther, Warren B., assignor.)						
Huther, Warren B., assignor to Huther Brothers' Saw Manufacturing Company, Rochester, N. Y. Saw.....	869,574	Oct. 29	3741	1024	130	2560
Hutmacher, Julius A. (See Dannert, Fritz, assignor.)						
Hutson, Edward. (See Willis, Grover C., assignor.)						
Hutson, Frank E., and R. H. Neal, Delancey, N. Y. Nut-lock.....	855,512	June 4	132	27	128	1727
Hutson, John T., Atlanta, Ga. Gas cooling and mixing tower.....	849,071	Apr. 2	915	187	127	1821
Hutson, William A., Orlando, Fla. Car-replacer.....	846,311	Mar. 5	1172	257-8	127	296
Hutson, William A., Orlando, Fla. Rein-holder.....	860,870	July 23	3931	1077	129	1393
Hutson, William A., Orlando, Fla. Switch-point guard.....	860,871	July 23	3932	1077-8	129	1393
Hutton, Amos, Hamilton, Ontario, Canada. Adjustable clasp for eyeglasses.....	858,394	July 2	45	14	129	17
Hutton, Edward S., assignor of one-half to A. Woodward, Lapel, Ind. Machine for making glassware.....	844,942	Feb. 19	4402	941-2	126	2958
Hutton, George H., Baltimore, Md. Thill-coupling.....	856,879	June 11	2801	584	128	2436
Hutton, George P. (See Warner, Thomas A., assignor.)						
Hutton, Joel W., Tony, Mont. Land-leveler.....	853,457	May 14	2187	454	128	595
Hutton, William, Milwaukee, Wis. Trunk.....	853,412	May 14	2102	438	128	571
Huwig, Elias O., Moss, Norway. Machine for bending angle-iron and the like into different shapes of curvature.....	840,217	Jan. 1	872	188-9	126	237
Huyck, Francis P., Swanton, Ohio. Variable-speed transmission.....	845,091	Feb. 26	4722	1002	126	3079

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Huyek, Francis P., Swanton, Ohio. Drop-head sewing-machine.....	851,422	Apr. 23	5435	1138	127	3082
Huyek, William C., Des Moines, Iowa. Peanut-roaster.....	861,235	July 23	4497	1232	129	1578
Hyams, Aaron. (See McAtlin, William D., assignor.)						
Hyatt, John W., Newark, N. J. Making shoes for pneumatic tires.....	840,334	Jan. 1	1092	238	126	292
Hyatt, Lewis D., St. Louis, Mo. Sled.....	875,268	Dec. 31	6046	1261	131	2263
Hyatt Roller Bearing Company. (See Lockwood, Charles S., assignor.)						
Hyatt Roller Bearing Company. (See Shirley, Cephas I., assignor.)						
Hyatt Roller Bearing Company. (See Steenstrup, Peter S., assignor.)						
Hyatt, William F., Brooklyn, N. Y. Closure for cans and other receptacles.....	873,752	Dec. 17	2956	626	131	1710
Hyde, Charles A., assignor to E. H. Jacobs Manufacturing Company, Danielson, Conn. Picker-stick connection for looms.....	850,088	Apr. 9	2824	591	127	2339
Hyde, Courtney, New York, N. Y., assignor to Alphaduct Manufacturing Company, Jersey City, N. J. Machine for manufacturing hose or tubes.....	839,851	Jan. 1	89	51-2	126	26
Hyde, David B., assignor to Safety Emery Wheel Co., Springfield, Ohio. Bearing for grinding-wheel shafts.....	850,650	Apr. 16	3931	821	127	2667
Hyde, Eugene A., New Britain, Conn. Gaiting device for horses.....	873,240	Dec. 10	1922	404	131	1504
Hyde, George H. (See Schuch, William, assignor.)						
Hyde, Oscar H., St. Louis, Mo. Balancing emery-wheels and similar devices.....	861,463	July 30	4896	1343	129	1737
Hyde, Stephen D., Lincoln, Nebr. Nail-extractor.....	851,290	Apr. 23	5175	1087	127	3016
Hyde, Theophilus R., Jr., assignor to Scovill Manufacturing Company, Waterbury, Conn. Snap-fastener.....	846,312	Mar. 5	1174	258	127	297
Hyde, Vrooman O., Oklahoma, Okla. Ter. Individual back-rest for benches.....	859,560	July 9	1924	518	129	676
Hydraulic Power Controller Company. (See Wing, Leander J., assignor.)						
Hydraulic Wood Lift Company. (See Beebe and Concoff, assignors.)						
Hydraulic Wood Lift Company. (See Beebe and Trimble, assignors.)						
Hyed, William A., assignor to Superior Sheet Metal Works Company, Indianapolis, Ind. Water-cooling apparatus.....	868,439	Oct. 15	1930	539	130	1942
Hygienic Chemical Company of New Jersey. (See Wadman, Walter E., assignor.)						
Hygienic Renovating Company. (See Clements and Hostler, assignors.)						
Hygienic Shoe Shank Company. (See Delbon Frank G., assignor.)						
Hyle, George C., et al. (See Schuyler and Hyle, assignors.)						
Hyle, Jacob A., assignor of three-fourths to F. Hesser and D. A. Reagan, Altoona, Pa. Electric water purifying and filtering apparatus.....	840,335	Jan. 1	1096	238	126	293
Hyle, Jacob A., assignor of three-fifths to F. Hesser, Altoona, Pa. Nut and bolt lock.....	843,147	Feb. 5	628	133	126	1955
Hyle, John A. (See Schuyler and Hyle.)						
Hyle, William A., et al. (See Schuyler and Hyle, assignors.)						
Hyle, William A., et al. (See Woods, Edward D., assignor.)						
Hylton, John C., Chicago, Ill. Collapsible stand for water-coolers.....	840,130	Jan. 1	701	150	126	191
Hyman, Abraham D., Grand Rapids, Mich. Fountain glue-brush.....	856,641	June 11	2376	488-9	128	2330
Hynard, William C., and G. F. Meehan, New York, N. Y. Belt and buckle.....	846,476	Mar. 12	1525	338	127	416
Hynes, William L., Elgin, Ill. Water-automobile.....	850,370	Apr. 16	3374	705	127	2524
Hysan, Joseph M., assignor of one-third to M. H. Dinneen, Baltimore, Md. Rail-lock for drawbridges.....	850,161	Apr. 16	2971	623	127	2415
Hyslin, Evan, Kindred, N. D. Automobile.....	865,901	Sept. 10	1796	501	130	592
Hysom, Cornelius B., Everett, Wash. Fruit-picker.....	853,458	May 14	2188	454	128	595
Hysom, Hollis R. (See Leland and Hysom.)						
Iback, George, Detroit, Mich. Concrete reinforcement.....	851,169	Apr. 23	4916	1034	127	2951
Iblings, Herman E. (See Iblings, Peter H. and H. E.)						
Iblings, Peter H., Parkersburg, and H. E. Iblings, Waterloo, Iowa. Elevated carrier....	868,186	Oct. 15	1502	426	130	1814
Ibson, Carl C., Astor, Iowa. Nest.....	854,219	May 21	3764	779	128	1032
Ice, Charles F. (See Huhn and Ice.)						
Ice, Herbert H., Montpelier, Ind. Pump-power.....	859,451	July 9	1752	468	129	621
Idanna Machine Company. (See Jayne, Benaiah G., assignor.)						
Iddings, Nate. (See Mullenix, John S., assignor.)						
Ide, Harry L., Springfield, Ill. Automobile.....	861,183	July 23	4412	1211	129	1549
Ide, Harry L., Springfield, Ill. Automobile.....	874,405	Dec. 24	4313	908	131	1958
Ide, Henry H., Cornell, Ill. Collapsible crate.....	839,852	Jan. 1	92	22	126	27
Ideal Concrete, Limited. (See Tye, Boivin, and Benjamin, assignors.)						
Ideal Concrete Machinery Company. (See Borst, Frank A., assignor.)						
Ideal Novelty Manufacturing Co. (See Newman, Samuel B., assignor.)						
Ideal Register and Metallic Furniture Company. (See Petroskey, John H., assignor.)						
Ideal Shaft Supporter Company. (See Lowe, William, assignor.)						
Ideal Shaft Supporter Company. (See Nestler, Emil, assignor.)						
Idov, Abraham, Baltimore, Md. Tailor's chalk-sharpener.....	849,399	Apr. 9	1558	316	127	2021
Igou, Dennis T., Springfield, assignor to Standard Candy Machine Company, Columbus, Ohio. Machine for forming and wrapping confections and other articles.....	852,560	May 7	363	65-9	128	99
Igou, Dennis T., Springfield, assignor to Standard Candy Machine Company, Columbus, Ohio. Feeding and cutting attachment for wrapping-machines.....	852,663	May 7	585	111-12	128	152
Igou, Dennis T., Springfield, assignor to Standard Candy Machine Company, Columbus, Ohio. Machine for wrapping confections and other articles.....	852,664	May 7	590	112-14	128	154
Ihlan, Loyd. (See Ellefson and Ihlan.)						
Ihlder, John D., Yonkers, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Controlling device for electric motors.....	851,239	Apr. 23	5064	1066	127	2986
Ihlder, John D., Yonkers, N. Y., assignor to Otis Elevator Company, East Orange, N. J. Starting device for hoisting-machines.....	851,291	Apr. 23	5176	1087	127	3017
Ihlder, John D., New York, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Motor-controlling system.....	872,349	Dec. 3	62	13	131	1178
Ihlder, John D., New York, N. Y., and R. W. Scott, Washington, D. C., assignors to Otis Elevator Company, Jersey City, N. J. Electric hoisting system.....	848,372	Mar. 26	5331	1161	127	1430
Ihlder, John D., New York, N. Y., and R. W. Scott, Washington, D. C., assignors to Otis Elevator Company, Jersey City, N. J. Safety-catch for elevators.....	848,373	Mar. 26	5335	1161	127	1431
Iich, Edward, New York, N. Y. Machine for producing water-mark effects on paper....	852,788	May 7	843	169	128	216
Iich, Edward, and M. Iich, deceased; (E. Iich and T. Bodensstab, New York, N. Y., executors.) Protecting checks and other papers.....	852,840	May 7	953	195	128	243
Iich, Michael, deceased. (See Iich, Edward and M.)						
Iier Rock Drill Manufacturing Company. (See Johnson, Alfred E., assignor.)						
Ilett, George W., Chicago, Ill. Means for converting motion.....	847,945	Mar. 19	4500	986	127	1188
Illi, Oscar, Schenectady, N. Y. Superheater for steam-boilers.....	859,561	July 9	1925	519	129	676
Illinois Engineering Company. (See Gifford, Robert L., assignor.)						
Illinois Glass Company. (See Hughey, Dallas D., assignor.)						
Illinois Implement Company. (See Hazard, Samuel B., assignor.) (Reissue.)						
Iman, Orla H., assignor to Voigtmann & Company, Chicago, Ill. Automatic window....	847,477	Mar. 19	3516	770	127	946
Imbert, Antoine H., Grand-Montrouge, France. Treating zinc and lead sulfid ores.....	875,578	Dec. 31	6644		131	2361
Imbert, Antoine H., Grand-Montrouge, France, assignor to Imbert Process Company, New York, N. Y. Metallurgical treatment of sulfurous ores by the precipitation process.....	875,579	Dec. 31	6648		131	2361

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Imbert, Antoine H., Grand-Montrouge, France, assignor to Imbert Process Company, New York, N. Y. Metallurgical method of treating oxidized zinc ores (calamines, oxids, silicates) by the precipitation process	875,580	Dec. 31	6650	-----	131	2361
Imbert Process Company. (See Imbert, Antoine H., assignor.)						
Imbt, William, assignor of one-third to C. Decker, East Stroudsburg, Pa. Caster	830,009	Apr. 9	2676	561	127	2303
Imes, Una A., and H. A. Skillin, Ames, Colo. Vegetable-slicer	853,796	May 14	2875	591	128	772
Imhoff, Louis P., Georgetown, Tex. Clamp	843,820	Feb. 12	1925	412	126	2310
Imle, Emil, Weisser Hirsch, near Dresden, Germany. Turbine-wheel	873,241	Dec. 10	1924	404	131	1504
Imier, Joseph, Fort Wayne, assignor to J. H. Hoover, Garrett, Ind. Piston	841,527	Jan. 15	3480	751	126	977
Immerheiser, Carl, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Coloring-matter lake	863,396	Aug. 13	2062	-----	129	2761
Immerheiser, Carl, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Making red lakes	872,181	Nov. 26	4285	-----	131	1087
Imorde, William J. (See Gale, William L., assignor.)						
Impeccoven, John W., Kidder, S. D. Vehicle-coupling	870,105	Nov. 5	351	98	131	117
Imperial Art Press Co. (See Prouty, George W., assignor.)						
Imperial Electric Motor Company. (See Ledwinka, Joseph, assignor.)						
Imperial Specialty Manufacturing Company. (See Weber, Frank, assignor.)						
Improved Equipment Company. (See Doherty, Henry L., assignor.)						
Incandescent Heat Company. (See Smallwood, Alfred, assignor.)						
Incandescent Light & Stove Company. (See Stubbers, Joseph, assignor.)						
Independent Canning Company. (See Sleeper, Charles W., assignor.)						
Inderlied, Edward C., Binghamton, N. Y. Railway-tie	858,395	July 2	47	14	129	17
Inderlied, Edward C., Binghamton, N. Y. Railway tie and spike	858,516	July 2	265	65	129	94
Indiana Manufacturing Company. (See Bodvig, Oscar O., assignor.)						
Indiana Manufacturing Company. (See Sellers, Traves N., assignor.)						
Indiana Manufacturing Company. (See Walsh, James A., assignor.)						
Indiana Road Machine Company. (See Brophy, Luke V., assignor.)						
Indiana Road Machine Company. (See Gray, Thomas J., assignor.)						
Indiana Trust Company, executor. (See Wimmer, John.)						
Indianapolis Watchman Clock Company. (See Summers and Berry, assignors.)						
Indispensable Counter Company. (See Soda, Samuel, assignor.)						
Industrial Alcohol Heat and Light Company. (See Clarke, Brent, assignor.)						
Industrial Alcohol Heat and Light Company. (See Schroeder, George G., assignor.)						
Industrial Development Company. (See Goodspeed, Arthur B., assignor.)						
Industrial Development Company. (See Goodspeed and Beskow, assignors.)						
Industrial Gas Construction Co. (See Busenbenz, Jacob J., assignor.)						
Industrial Motor Company. (See Davy, Orrin J., assignor.)						
Industrial Motor Company. (See Davy and Becker, assignors.)						
Industrial Transportation Company. (See Glascock, Alfred E., assignor.)						
Industrial Transportation Company. (See Schroeder, George G., assignor.)						
Ingalls, Edward E. (See Lyon, Fred, assignor.)						
Ingalls, James, Muskegon, Mich. Machine for molding concrete blocks	869,436	Oct. 29	3509	963-4	130	2488
Ingersoll, John L., Richmond, Va. Concrete-building mold	860,479	July 16	3321	909-10	129	1162
Ingersoll Milling Machine Company. (See Smith, George W., assignor.)						
Ingersoll-Rand Company. (See Gibson, Arthur H., assignor.)						
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Ingersoll, Richmond H., Biddeford, Me. Picker mechanism for looms	871,275	Nov. 19	2349	611-12	131	757
Ingersoll-Sergeant Drill Company. (See Gibson, Arthur H., assignor.)						
Ingersoll-Sergeant Drill Company. (See Gibson, Arthur H., assignor.) (Reissue.)						
Ingersoll-Sergeant Drill Company. (See Prellwitz, William, assignor.)						
Ingham, Edward T., et al. (See Haller and Machell, assignors.)						
Ingham, George W., Sault Ste. Marie, Mich. Lubricator	843,536	Feb. 5	1404	295	126	2144
Ingham, Joshua L., et al. (See Haller and Machell, assignors.)						
Ingham, Howard T. (See Campbell and Ingham.)						
Ingham, Howard T., Fairfield, Iowa. Coupling	854,292	May 21	3900	804	128	1069
Ingleheart, William, administrator. (See Hague, Snyder L.)						
Ingilis, James, deceased, Toronto, Ontario, Canada; F. D. Todd, administrator, assignor, by mesne assignments, to G. R. Lawrence, Chicago, Ill. Photographic flash-lamp	873,242	Dec. 10	1925	404	131	1505
Ingold, Carl F. (See Webster and Ingold.)						
Ingold, Perry M., Minneapolis, Minn. Grain-sampler for grain-bins	840,943	Jan. 8	2321	510	126	632
Ingold, Theodore J., Farmington, Ill. Tank-heater	851,887	Apr. 30	6385	1333	127	3353
Ingoldsbys Automatic Car Company. (See Gossett, Charles E., assignor.)						
Ingraham, Henry C., Moodus, Conn. Dial	864,467	Aug. 27	3671	1021	129	3322
Ingram, Dana R., Chicago, Ill. Machine for surfacing butchers' blocks	844,022	Feb. 12	2315	495	126	2406
Ingram, Edmond J., Scott, Ark. Plow	867,883	Oct. 8	1008	287-8	130	1641
Ingram, Edward J., England Ark. Wheel-plow	864,646	Aug. 27	3986	1105	129	3417
Ingram, Fred F., San Francisco, assignor of one-half to A. S. Wilson, San Diego, Cal. Speed-indicator	874,594	Dec. 24	4689	986	131	2018
Ingram, Harold. (See McRae and Ingram.)						
Ingram, Jesse A., Avery, Tex. Seeder and fertilizer-distributor	873,130	Dec. 10	1724	360-1	131	1470
Ingram, John H., Quitman, Tex. Brace for heel-sweeps	844,023	Feb. 12	2317	495	126	2406
Ingram, Wesley E., Tonopah, Nev. Wrench	853,244	May 14	1767	367	128	481
Ingram, Wesley E., Tonopah, Nev. Carriage-shifting mechanism for type-writers	862,638	Aug. 6	904	242	129	2364
Inman, Charlie C., assignor of one-half to J. H. Grantham, Jr., Roachdale, Ind. Vending-machine	853,977	May 21	3275	673	128	909
Inman, David W., Versailles, Ohio. Table	875,269	Dec. 31	6047	1262	131	2263
Inman, George E., Chicago, Ill. Box-labeling machine	863,069	Aug. 13	1563	423	129	2602
Insinger, Alfred, Philadelphia, Pa. Dish-washing machine	865,181	Sept. 3	631	179	130	191
Inskoop, Childs H., St. Joseph, Mo. Stringed musical instrument	860,137	July 16	2806	766	129	994
Insulating Staple Company. (See Taylor, Jenks, and Dyer, assignors.)						
Insull, Samuel. (See Ball, Henry P., assignor.)						
Interlocking Fence Company. (See Grimm, William, assignor.)						
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Inwood, Richard G., and P. C. Lavenberg, assignors to National Wire Bound Box Com- pany, South Bend, Ind. Box. (Reissue).....	12,725	Nov. 26	4566	1080	131	1131
Inzirlilli, Charles, New York, N. Y. Extension-table.....	863,994	Aug. 20	2946	811-12	129	3065
Ippers, John W., assignor to A. H. Walker, New York, N. Y. Photomechanical print- ing.....	843,947	Feb. 12	2183	467	126	2374
Ira Brown Company. (See Beeken, Axel V., assignor.)						
Irbv, James F., Baltimore, Md. Skimmer.....	858,291	June 25	5566	1190	128	3205
Ireland, Robert H., Newark, N. J. Sleeper and connection for railways.....	844,943	Feb. 19	4408	942	126	2960
Ireland, Whorton C. L. (See Yeake and Ireland.)						
Irenius, Joseph V., assignor to Larkin Company, Buffalo, N. Y. Soap-shaver.....	867,976	Oct. 15	1204	332-3	130	1723
Irish, Elmer E., Winthrop, Mass. Refuse-receptacle.....	875,270	Dec. 31	5049	1262	131	2263
Irish, Lemuel E. (See Baker and Irish.)						
Irish, William F., East Orange, N. J. Automatic electric switch.....	843,276	Feb. 5	908	185	126	2022
Irish, William F., Denville, N. J. Cover-attaching means for electrical floor-boxes.....	861,654	July 30	5178	1421	129	1827
Ireland Pipe Wrench Company. (See Richards, Joseph E., assignor.)						
Ireland Pipe-Wrench Company. (See Richards and Walker, assignors.)						
Irons, Joseph F., Milan, Wash. Sled-brake.....	862,165	Aug. 6	80	23	129	2110
Ironside, Harold A., Upper Norwood, England. Advertising-machine.....	874,595	Dec. 24	4692	986-7	131	2019
Irvin, Charles D., Pittsburg, Pa. Skimmer for blast-furnaces.....	851,596	Apr. 23	5783	1209	127	3167
Irvin, William H. (See Armstrong, James R., assignor.)						
Irvine, Archibald J., D. Mills, and W. H. Wood, Johannesburg, Transvaal. Steam and water separator.....	847,478	Mar. 19	3519	770-1	127	946
Irving, James A., Philadelphia, Pa. Inkstand.....	846,206	Mar. 5	985	210	127	250
Irving, John, Jr., New Brighton, N. Y. Ash-sifter.....	873,049	Dec. 10	1568	328-9	131	1444
Irving, Ronald P., Quincy, Mass. Electrically-operated hammer.....	841,975	Jan. 22	4373	943	126	1232
Irving, Ronald P., Quincy, Mass. Reciprocating electric motor.....	855,513	June 4	133	27	128	1727
Irving, William, Calgary, Alberta, Canada. Oil-can.....	873,941	Dec. 17	3329	709	131	1772
Irvington Manufacturing Company. (See Cottrell, Herbert, assignor.)						
Irwin, Clifton W. (See Milliron and Irwin.)						
Irwin, Donald J., Buffalo, Mo., and H. J. Strawn, Albion, Ill. Rail-joint.....	844,132	Feb. 12	2518	540	126	2455
Irwin, Frank L., assignor to Ralston Steel Car Company, Columbus, Ohio. Railway-car.....	860,029	July 16	2653	721	129	942
Irwin, Frank L., assignor to Ralston Steel Car Company, Columbus, Ohio. Side stake for cars.....	861,855	July 30	5490	1515	129	1920
Irwin, Frank L., assignor to Ralston Steel Car Company, Columbus, Ohio. Steel under- framing for railway-cars.....	870,436	Nov. 5	900	243	131	295
Irwin, Frank L., assignor to Ralston Steel Car Company, Columbus, Ohio. Tank-car.....	864,377	Aug. 27	3529	979-80	129	3273

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Irwin, Frank L., assignor to Ralston Steel Car Company, Columbus, Ohio. Tank-car.....	874,363	Dec. 17	4217	889	131	1910
Irwin, Frank L., and J. E. Tesseyman, assignors to Ralston Steel Car Company, Columbus, Ohio. Dumping-car.....	861,464	July 30	4897	1343-4	129	1737
Irwin, Frederick J. (See Cameron, Alexander G., assignor.)						
Irwin, Guy W., Bradford, Pa. Valve for explosive-engines.....	857,463	June 18	3909	831	128	2754
Irwin, Louisa E., London, Ontario, Canada. Baby's stocking.....	872,517	Dec. 3	417	87	131	1233
Irwin, Oscar, assignor to Armstrong Cork Company, Pittsburg, Pa. Machine for grinding or polishing the ends of corks.....	853,881	May 14	3068	629-30	128	817
Irwin, Robert W., Grand Rapids, Mich., assignor to Grand Rapids Furniture Co. Furniture-standard.....	864,134	Aug. 20	3167	876	129	3132
Irwin, Thomas, Cleveland, Ohio. Load-trimmer.....	849,477	Apr. 9	1713	347-8	127	2060
Irwin, Thomas, Cleveland, Ohio. Load-trimmer.....	849,478	Apr. 9	1715	348	127	2061
Isaacs, Abraham. (See Becroft and Isaacs.)						
Isaacs, George. (See Seitz, Henry A., assignor.)						
Isaacs, Henry S., Braddock, and L. Isaacs, Allegheny, Pa. Moving-picture apparatus.....	845,551	Feb. 26	5624	1191	126	3305
Isaacs, John D., Oakland, and J. B. Speed, Berkeley, assignors to Rifled Pipe Company, San Francisco, Cal. Helically-rifled pipe.....	857,464	June 18	3911	832	128	2755
Isaacs, John D., Oakland, and J. B. Speed, Berkeley, assignors to Rifled Pipe Company, San Francisco, Cal. Helically-corrugated pipe.....	862,919	Aug. 13	1330	363	129	2527
Isaacs, Leo. (See Isaacs, Henry S. and L.)						
Isaacs, Mone R., Philadelphia, Pa. Treating lime.....	843,277	Feb. 5	910		126	2022
Isaacs, Mone R., Philadelphia, Pa. Treating proteids.....	845,790	Mar. 5	110		127	32
Isaacs, Mone R., Philadelphia, Pa. Adhesive compound, glue, &c.....	845,791	Mar. 5	111		127	32
Isaacs, Mone R., Philadelphia, Pa. Adhesive compound.....	848,746	Apr. 2	252		127	1650
Isabel, John B., Columbus, Ohio. Detachable tool-handle.....	872,731	Dec. 3	874	181	131	1304
Isaman, Joshua A., and W. H. Mitchell, Aurora, Nebr. Shocking attachment for binders.....	865,902	Sept. 10	1797	501	130	592
Isbell, Alfonso H. (See Leonard, Thomas, assignor.)						
Isbell, John F., Denver, Colo. Concentrator.....	853,459	May 14	2189	455	128	595
Isbell, Sterling P., Ukiah, Cal. Salt-cellar.....	874,509	Dec. 24	4539	953	131	1991
Ischewsky, Basilus von, Kiew, Russia. Electric furnace.....	847,003	Mar. 12	2576	566	127	685
Iserloth, Carl F. (See Waldinger and Iserloth.)						
Iserman, Henry, Moran, Kans. Washing-machine.....	874,079	Dec. 17	3671	772	131	1817
Isham, William, and F. E. Miller, Butternut, Mich. Road-culvert and bank-retainer.....	865,044	Sept. 3	441	119	130	135
Ishii, Shozaburo, New York, N. Y. Car-fender.....	864,647	Aug. 27	3987	1106	129	3417
Israel, Charles W., Paris, Ill. Rail-tie.....	857,068	June 18	3175	668	128	2572
Israel, George W., Chicago, Ill. Seed-planter.....	851,170	Apr. 23	4916	1034	127	2951
Israel, Homer W. (See Shem and Israel.)						
Israel, Homer W., and R. S. Kirk, assignors to Alliance Machine Company, Alliance, Ohio. Tongs.....	841,528	Jan. 15	3482	751-2	126	977
Israel, Reuben C., Wichita, Kans. Seed-planting means.....	851,171	Apr. 23	4918	1034	127	2952
Isler, Max, Mannheim, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Making anthracene dye.....	855,248	May 28	5801		128	1579
Isler, Max, Mannheim, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Anthracene dye and making same.....	860,480	July 16	3322		129	1162
Isler, Max, and F. Kacer, Mannheim, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Anthraquinone compound and making same.....	863,397	Aug. 13	2062		129	2761
Isley, Noah W., Newton, Ill. Fruit-jar.....	863,995	Aug. 20	2948	812	129	3066
Issleib, Arthur, Leipzig, Germany. Latch-lock-spindle fastening.....	858,396	July 2	48	14	129	18
Iszard, Charles F., Germantown, assignor to Speedograph Company, Philadelphia, Pa. Recording speed-indicator.....	860,666	July 23	3623	993-4	129	1295
Iszard, Charles F., Germantown, assignor to Speedograph Company Philadelphia, Pa. Recording device for speed-indicators.....	860,667	July 23	3626	994	129	1295
Itter, Herbert C., Bay City, Mich. Photograph-easel.....	873,050	Dec. 10	1570	329	131	1444
Ittershagen, Eduard. (See Rieffel and Ittershagen.)						
Ittner, Martin H., Jersey City, N. J., assignor to Colgate & Co., New York, N. Y. Cake of shaving-soap.....	872,819	Dec. 3	1043	219	131	1333
Iungerich, Calvin L., assignor of two-thirds to W. S. and S. O. Reel, Harrisburg, Pa. Automatic stop-signal system.....	841,403	Jan. 15	3244	700	126	913
Ivanoff, Gabriel, Moscow, Russia. Self-closing clasp or cock for rubber tubes.....	863,398	Aug. 13	2064	557	129	2761
Ivatts, Ernest A., assignor to La Compagnie Generale De Phonographes, Cinematographes & Appareils De Precision, Paris, France. Arrangement for the centering of the images in cinematograph projection apparatus.....	857,069	June 18	3177	668	128	2572
Iversen, Einar O., Chicago, Ill. Carpenter's square.....	862,166	Aug. 6	81	23	129	2110
Iversen, Jacob, Tegel, near Berlin, Germany. Valve-gear.....	844,521	Feb. 19	3355	724	126	2703
Iversen, Lorenz, Pittsburg, Pa. Driving-gear for motor-cars, &c.....	856,703	June 11	2486	511	128	2357
Iversen, Lorenz, Pittsburg, Pa. Explosive-engine.....	858,071	June 25	5171	1096	128	3104
Iversen, Olof A., and H. A. Finsrud, Chicago, Ill. Snap-button.....	847,253	Mar. 12	3055	674	127	801
Ives, Edwin F., Wallingford, Conn. Jar-opener.....	864,378	Aug. 27	3533	980	129	3274
Ives, Edwin S., et al. (See Whitmarsh, Charles E., assignor.)						
Ives, Ernest C., assignor of one-half to J. H. and T. Perks, Warren, Pa. Take-up for sewing-machines.....	860,546	July 16	3413	938	129	1193
Ives, Ernest C., assignor of one-half to J. H. and T. Perks, Warren, Pa. Shuttle.....	869,845	Oct. 29	4147	1145	130	2680
Ives, Frederic E., Woodcliffe-on-Hudson, N. J. Exhibiting diffraction-photographs.....	839,853	Jan. 1	94	23	126	27
Ives, John F., New Britain, Conn. Perculator.....	868,187	Oct. 15	1503	426	130	1815
Ives Manufacturing Corporation. (See Hotchkiss, Charles A., assignor.)						
Ives Manufacturing Corporation. (See Slattery, Edward F., assignor.)						
Ives, Norman C., Camden, N. J. Fruit-car bracer.....	840,770	Jan. 8	1971	435	126	547
Ivey, Henry C., Calvert, Tex. Collapsible crate.....	862,398	Aug. 6	485	130	129	2239
Ivins Dietz & Metzger Company. (See Hardwick, Harry, assignor.)						
Ivory, James W. (See Bode, Joseph, assignor.)						
Ivory, James W., Philadelphia, Pa. Tooth-separator.....	847,778	Mar. 19	4141	904	127	1102
Ivory, John C., Newton, N. H., assignor to D. E. Kempster, trustee, Boston, Mass. Seam for uniting materials.....	857,465	June 18	3912	832	128	2755
Ivy, Frank B. (See Wineburgh and Ivy.)						
Ivy, William D., Memphis, Tenn. Baling-press.....	847,181	Mar. 12	2915	641-2	127	765
Izar, Edoardo. (See Schieppati and Izar.)						
J. Ellwood Lee Company. (See Lee, John E., assignor.)						
J. Ottmann Lithographing Co. (See Glazier, Louis H., assignor.)						
J. Stevens Arms & Tool Company. (See Elder, Edward H., assignor.)						
J. Stevens Arms & Tool Company. (See Fisher, James N., assignor.)						
J. Stevens Arms & Tool Company. (See Mossberg, Oscar F., assignor.)						
J. Stevens Arms and Tool Company. (See La Riviere, Alfred G., assignor.)						
J. Stevens Arms & Tool Company. (See La Riviere and Ferguson, assignors.)						
J. A. Engel & Co. (See Feldt, Ferdinand J., assignor.)						
J. A. Fay & Egan Company. (See Hanhart, Louis J., assignor.)						
J. A. Kelly & Bros. (See Kelly, William J., assignor.)						

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J. B. Timberlake & Sons. (See Timberlake, John B., assignor.)						
J. B. Timberlake & Sons. (See Timberlake, Paul J., assignor.)						
J. B. Timberlake & Sons. (See Twitchell, James E., assignor.)						
J. B. Weir & Co. (See Weir, Perry, and Merckens, assignors.)						
J. B. Williams Company. (See Reed, James V., assignor.)						
J. C. Allen & Co. (See Porter, Clarence B., assignor.)						
J. E. Hill Company. (See Hill, John E., assignor.)						
J. E. Mergott Company. (See Hering and Fuller, assignors.)						
J. G. Brill Company. (See Hensley, Charles G., assignor.)						
J. G. Brill Company. (See Levy, Joseph L., assignor.)						
J. H. Day Company. (See Ward, Paul S., assignor.)						
J. H. Herbener Company. (See Herbener, John H., assignor.)						
J. H. Sager Company. (See Sager, James H., assignor.)						
J. H. Williams & Co. (See Albee, Honestus M., assignor.)						
J. I. Case Plow Works. (See Meagher, Pierre, assignor.)						
J. I. Case Plow Works. (See Michael, Clement W., assignor.)						
J. I. Case Plow Works. (See Sobey, William, assignor.)						
J. I. Case Threshing Machine Company. (See Baker, Bryon G., assignor.)						
J. I. Case Threshing Machine Company. (See MacGregor and Cahall, assignors.)						
J. I. Case Threshing Machine Company. (See McIntosh, Charles J., assignor.)						
J. J. Ryan & Company. (See McCormick, Joseph A., assignor.)						
J. L. Mott Iron Works. (See Hammann and Moore, assignors.)						
J. L. Mott Iron Works. (See Hooper, Louis M., assignor.)						
J. M. Case Mill Mfg. Co. (See Case, John M., assignor.)						
J. M. Robinson Manufacturing Company. (See Frey, Clarence N., assignor.)						
J. M. Skinner Bending Company. (See Duquett, Maxim A., assignor.)						
J. P. Karns Tunneling Machine Co. (See Karns, John P., assignor.)						
J. S. McDonald Company. (See Hansen, Peter, assignor.)						
J. S. McDonald Company. (See McDonald, James S., assignor.)						
J. S. McDonald Company. (See Wiedeman, Herman, assignor.)						
J. W. Barlow Company. (See Whitehead, John, assignor.)						
J. W. Paxson Company <i>et al.</i> (See Hall, Frederick W., assignor.)						
J. W. Sefton Manufacturing Company. (See Ferres, Jeffrey T., assignor.)						
J. W. Sefton Manufacturing Company. (See Hollett, Ira W., assignor.)						
Jaburg, Hendricus J. J., Jr., Amsterdam, Netherlands. Electric-arc lamp.	861,856	July 30	5491	1515	129	1920
Jack, Robert E., Milwaukee, Wis., assignor, by mesne assignments, to Magic Broom-Holder Company. Handle-holder.	867,199	Sept. 24	3770	1063	130	1276
Jack, Thomas B., Herminie, Pa. Door-lock.	855,177	May 28	5670	1179	128	1546
Jackley, Charles T., Wheeling, W. Va. Display-stand.	840,493	Jan. 8	1433	316	126	412
Jackman, A. (See Harding, Charles, assignor.)						
Jackman, Michael. (See Bryer, Frank, assignor.)						
Jackman, Stephen E., New York, N. Y. Railway.	846,207	Mar. 5	988	211	127	250
Jackman, Stephen E., New York, N. Y. Railway.	846,208	Mar. 5	989	211	127	251
Jackman, Stephen E., New York, N. Y. Railway.	846,209	Mar. 5	990	212	127	252
Jackman, Stephen E., New York, N. Y. Brake mechanism for inclined railways.	846,210	Mar. 5	992	212	127	252
Jackman, Stephen E., New York, N. Y. Brake mechanism for inclined railways.	869,846	Oct. 29	4148	1145-6	130	2681
Jackman, Stephen E., New York, N. Y. Safety device for inclined railways.	869,847	Oct. 29	4150	1146	130	2681
Jackman, Stephen E., New York, N. Y. Locking device for seat-guards.	869,848	Oct. 29	4151	1146	130	2681
Jackman, Stephen E., New York, N. Y. Brake mechanism for inclined railways.	869,849	Oct. 29	4152	1147	130	2682
Jackson, Alfred G., Brisbane, Queensland, Australia. System for electrically releasing drawers in cash-registers, &c.	847,479	Mar. 19	3522	771	127	947
Jackson, Amariah W., Chicago, Ill. Steam turbine-engine.	840,771	Jan. 8	1972	435-6	126	547
Jackson, Amos H., Fremont, Ohio. Safety-razor.	843,148	Feb. 5	630	133	126	1955
Jackson, Amy E., Chicago, Ill. Dress-shield.	855,638	June 4	371	77	128	1788
Jackson, Andrew, Winnetka, Ill. Rake.	850,228	Apr. 16	3108	650	127	2452
Jackson, Andrew R., Avalon, assignor of one-half to A. Graham, Crafton, Pa. Apparatus for making nut-blanks.	845,357	Feb. 26	5258	1115	126	3214
Jackson, Arthur F., Chicago, Ill., assignor of one-half to W. S. Jackson, Detroit, Mich. Fish-hook.	859,227	July 9	1415	376	129	511
Jackson, Arthur J., Ashton-on-Mersey, England. Shuttle for looms.	855,514	June 4	136	27	128	1728
Jackson, Arthur J., Toronto, Ontario, Canada. Pneumatic tire.	856,065	June 4	1177	249	128	1990
Jackson, Benjamin A. (See Ochoa, Victor L., assignor.)						
Jackson, Benjamin A., <i>et al.</i> (See Ochoa, Victor L., assignor.)						
Jackson, Benjamin F., Jersey City, N. J. Gas-burner.	856,781	June 11	2635	542	128	2396
Jackson, Benjamin F., assignor to Boston Crude Oil Burner Co., Boston, Mass. Hydro-carbon-burner system.	857,808	June 25	4614	978	128	2964
Jackson, Charles, Pittsburg, Pa. Ink-well.	865,782	Sept. 10	1597	452	130	518
Jackson, Charles E., Rockford, Ill. Lawn-mower.	861,287	July 30	4602	1257	129	1648
Jackson, Charles J., Plainfield, N. J. Valve.	860,217	July 16	2926	800	129	1030
Jackson, Charles W., Armour, S. D. Dust-pan.	865,643	Sept. 10	1385	393	130	453
Jackson, Clarence S., assignor of one-half to S. S. Sanguinette, New York, N. Y. Cellular bottle or container.	854,357	May 21	4010	829	128	1098
Jackson, Cora R., Milwaukee, Wis. Undergarment for infants.	864,423	Aug. 27	3593	998	129	3295
Jackson Cushion Spring Company. (See Phelps, Macy A., assignor.)						
Jackson Cushion Spring Company. (See Smith, Watson R., assignor.)						
Jackson Cushion Spring Company. (See Smith and Phelps, assignors.)						
Jackson, Cyrillus Q., Kemp, Tex. Meat-holder.	848,655	Apr. 2	68	16	127	1602
Jackson, Dugald C., Madison, Wis. Dynamo-electric machine.	870,035	Nov. 5	254	70	131	88
Jackson, Dugald C., Madison, Wis. Electric motor.	875,178	Dec. 31	5878	1226	131	2234
Jackson, Dugald C., Madison, Wis. Alternating-current motor.	875,179	Dec. 31	5882	1226	131	2234
Jackson, Eliza G., Washington, D. C., assignor of one-half to L. W. Jackson. Knife and fork case.	847,254	Mar. 12	3056	674	127	801
Jackson, Elmer E., Fremont, Ohio. Concrete-mixer.	843,278	Feb. 5	910	185-6	126	2023
Jackson, Erskine H. (See Belknap and Jackson.)						
Jackson, Everett O., Stillwell, Ill. Electric cut-out.	860,481	July 16	3323	910	129	1163
Jackson Fence Company. (See Mills, Anson C., assignor.)						
Jackson Fence Company. (See Withington, Sherman S., assignor.)						
Jackson, Francis J., Allegheny, Pa. Window-cleaning device.	863,996	Aug. 20	2949	812	129	3066
Jackson, Fred M., Akron, N. Y. Making concrete walls.	850,758	Apr. 16	4123	863	127	2712
Jackson, Fred W., Heartwell, Nebr. Combination-tool.	872,066	Nov. 26	4065	973-4	131	1049
Jackson, Frederick H. (See Bailey and Jackson.)						
Jackson, George E., Newark, Ill. Baling-press.	875,271	Dec. 31	6050	1262-4	131	2264
Jackson, George H., <i>et al.</i> (See Gros, Abel, assignor.)						
Jackson, George W., Chicago, Ill. Constructing retaining-walls.	842,552	Jan. 29	5620	1188-9	126	1582
Jackson, George W., Chicago, Ill. Constructing concrete foundation-piers.	846,108	Mar. 5	800	167-8	127	204
Jackson, George W., Chicago, Ill. Machine for excavating tunnels.	860,301	July 16	3043	834	129	1070

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Jackson, George W., Philadelphia, Pa. Propeller.....	866,365	Sept. 17	2504	698	130	845
Jackson, Grove C., Kingwood, W. Va. Earth-drill.....	871,800	Nov. 26	3441	845	131	959
Jackson, Harvey W., Weed, Cal. Combination salt and pepper shaker.....	856,064	June 4	1176	249	128	1990
Jackson, Henry O., assignor to Southern Savings Life and Accident Insurance Company, Norfolk, Va. Receiver for coin-controlled vending-machines.....	841,976	Jan. 22	4375	944	126	1233
Jackson, Henry O., Norfolk, Va., and H. W. Pidgeon, Chicago, Ill., assignors to American Clock Company. Time-stamp.....	875,272	Dec. 31	6057	1264	131	2264
Jackson, Herbert H., Detroit, Mich. Cuspidor cleaner and lifter.....	857,178	June 18	3390	715	128	2625
Jackson, Isaac, Glossop, England. Belt-fastener.....	841,252	Jan. 15	2940	640	126	836
Jackson, James A., <i>et al.</i> (See Wolfe and Wood, assignors.).....						
Jackson, James A., Iola, Kans. Eccentric.....	867,136	Sept. 24	3650	1037	130	1235
Jackson, James A., and J. H. Dower, Bruin, Pa. Deep-well-drilling apparatus.....	865,103	Sept. 3	525	145	130	159
Jackson, John. (See Barker and Jackson.).....						
Jackson, John. (See Jackson, Loftus and J.).....						
Jackson, John F., Higginsville, Mo. Extension-table.....	841,529	Jan. 15	3483	752	126	977
Jackson, John W. (See Landis and Jackson.).....						
Jackson, John W., Richmond, Va. Curing concrete blocks.....	849,790	Apr. 9	2293	471	127	2207
Jackson, Joseph H., Hamilton, Ontario, Canada. Type-writing machine.....	867,045	Sept. 24	3517	998	130	1197
Jackson, Julius, Kingfisher, Okla. Ter. Combined cotton-chopping and corn-hoeing machine.....	855,639	June 4	371	77	128	1789
Jackson, Laura W. (See Jackson, Eliza G., assignor.).....						
Jackson, Loftus and J., assignors to themselves and Resilient Hub (Jackson's Foreign Patents) Syndicate Limited, London, England. Spring-wheel for motor-cars and other vehicles.....	856,880	June 11	2802	584-5	128	2436
Jackson, Lucian C., Warren, Pa. Governor for explosive-engines.....	870,627	Nov. 12	1197	324	131	425
Jackson, Martin, Mabton, Wash. Irrigating or ditching plow.....	871,039	Nov. 12	1860	509	131	631
Jackson, Mathew. (See Fraser and Jackson.).....						
Jackson, Peter H., San Francisco, Cal. Floor sidewalk, roof, and like support.....	854,502	May 21	4282	886	128	1165
Jackson, Peter H., San Francisco, Cal. Building construction.....	859,663	July 9	2083	562	129	727
Jackson, Ralph H., Rochester, N. Y. Meat-tag.....	872,238	Nov. 26	4410	1048	131	1105
Jackson, Ralph M., Fullerton, Cal. Combined generator and burner.....	874,341	Dec. 17	4178	879-80	131	1903
Jackson, Ray P., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Controlling apparatus for electric motors.....	851,662	Apr. 30	5930	1240	127	3232
Jackson, Ray P., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electromagnet.....	851,663	Apr. 30	5934	1240	127	3234
Jackson, Ray P., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control.....	851,664	Apr. 30	5937	1240	127	3235
Jackson, Ray P., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Voltage-adjustment means.....	851,665	Apr. 30	5939	1240	127	3235
Jackson, Ray P., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Voltage-regulator.....	851,666	Apr. 30	5940	1241	127	3236
Jackson, Ray P., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Hand-operated electric-circuit controller.....	852,386	Apr. 30	7390	1551	127	3603
Jackson, Ray P., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electromagnetically-actuated device.....	854,824	May 28	4934	1025	128	1358
Jackson, Ray P., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric controlling system.....	868,864	Oct. 22	2614	723	130	2182
Jackson, Ray P., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric control system.....	868,929	Oct. 22	2715	743	130	2215
Jackson, Reginald, Kennett Square, Pa. Car-rail and bed.....	850,759	Apr. 16	4125	863	127	2713
Jackson, Robert. (See Storm. Underwood, and Jackson.).....						
Jackson, Robert T., Magnolia, Ark. Mud and sand guard for vehicle-wheels.....	840,494	Jan. 8	1435	316	126	417
Jackson, Thomas. (See Andrews and Jackson.).....						
Jackson, Uriah S., Ossipee, N. H., assignor to Superior Automatic Telephone Co., Boston, Mass. Telephone-service apparatus.....	859,884	July 9	2412	656	129	831
Jackson, Walter H. (See Gregory, Jackson, and Connet.).....						
Jackson, Walter S., Birmingham, Ala. Fireplace.....	858,292	June 25	5567	1190-1	128	3206
Jackson, Walter W. (See Gregory, Jackson, and Connet.).....						
Jackson, William B., Newfield, Pa. Chair.....	874,203	Dec. 17	3910	823	131	1858
Jackson, William B., and W. Burnett, Ellinwood, Kans. Screw.....	863,183	Aug. 13	1752	470	129	2662
Jackson, William H., Columbia, Pa. Toy.....	849,619	Apr. 9	1989	407	127	2129
Jackson, William S. (See Jackson, Arthur F., assignor.).....						
Jackson, William S., Detroit, Mich. Stove.....	854,358	May 21	4012	829	128	1099
Jacob, Fanny F., St. Louis, Mo. Safety bag-fastener.....	840,218	Jan. 1	873	189	126	233
Jacob, Francis M., Columbus, Miss. Attachment for closets.....	856,468	June 11	2041	419	128	2246
Jacob, Frederick, and J. Boppel; said Frederick Jacob assignor to R. L. Jacob, Newark, N. J. Sewing apparatus.....	845,092	Feb. 26	4726	1002	126	3081
Jacob, John. (See Woods and Jacob.).....						
Jacob, John, assignor of one-half to E. S. Woods, Chicago, Ill. Roller-bearing.....	862,399	Aug. 6	486	130	129	2239
Jacob, John, assignor of one-half to E. S. Woods, Chicago, Ill. Side bearing for railway-cars.....	871,408	Nov. 19	2655	678	131	803
Jacob, John, assignor of one-half to E. S. Woods, Chicago, Ill. Roller-bearing.....	871,409	Nov. 19	2659	678-9	131	803
Jacob, John, assignor of one-half to E. S. Woods, Chicago, Ill. Roller-bearing.....	871,410	Nov. 19	2663	679	131	804
Jacob, Richard F., Bessemer, Ala. Safety-lock for switch-stands.....	865,904	Sept. 10	1800	502	130	593
Jacob, Rudolph L. (See Jacob and Boppel, assignors.).....						
Jacobi, Georg A., Darmstadt, Germany. Soap-frame.....	871,411	Nov. 19	2666	679	131	804
Jacobi, Karl, assignor of one-half to C. Jordan, New Rochelle, N. Y. Culinary vessel.....	853,173	May 7	1596	332	128	403
Jacobs, Alonzo, Independence, assignor to Jacobs Automatic Cigar Vendor Company, Kansas City, Mo. Cigar-vending machine.....	869,635	Oct. 29	3834	1050-1	130	2588
Jacobs, Arthur I., assignor to Jacobs Manufacturing Company, Hartford, Conn. Universal joint.....	869,906	Nov. 5	49	15	131	17
Jacobs, Augustus G., Columbus, Ohio. Roach-trap.....	858,604	July 2	422	109	129	150
Jacobs Automatic Cigar Vendor Company. (See Jacobs, Alonzo, assignor.).....						
Jacobs, Charles C., assignor to Jacobs Steel Excavator Company, Amboy, Ill. Bucket for excavating-machines.....	851,888	Apr. 30	6386	1333	127	3353
Jacobs, Charles C., Amboy, assignor to F. C. Austin Drainage Excavator Company, Chicago, Ill. Cleaner for buckets of excavating-machines.....	852,789	May 7	846	169-70	128	216
Jacobs, Charles C., assignor to F. C. Austin Drainage Excavator Company, Chicago, Ill. Trench-excavator.....	852,790	May 7	848	170-1	128	217
Jacobs, Charles C., assignor to F. C. Austin Drainage Excavator Company, Chicago, Ill. Levee-building machine.....	852,791	May 7	852	172-3	128	218
Jacobs, Charles C., assignor to F. C. Austin Drainage Excavator Company, Chicago, Ill. Combined trench-excavator and levee-builder.....	856,404	June 11	1922	395-6	128	2216
Jacobs, Charles C., assignor to F. C. Austin Drainage Excavator Company, Chicago, Ill. Excavator or ditch-digging machine.....	858,721	July 2	622	162-3	129	215
Jacobs, Charles C., assignor to H. D. Wells, Akron, Ohio. Friction-clutch. (Reissue).....	12,657	June 4	1438	303	128	2055

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Jacobs, Frank C., Bozeman, Mont. Hay-stacker.....	860,748	July 23	3750	1027-8	129	1334
Jacobs, Frank C., Bozeman, Mont. Sash-holder.....	873,865	Dec. 17	3193	680	131	1748
Jacobs, Frank D., Canton, Mass. Pencil.....	847,579	Mar. 19	3729	819	127	1004
Jacobs, Fred D., Paw Paw, Mich. Car-ventilating system.....	871,938	Nov. 26	3748	913	131	1005
Jacobs, Harry W. (See Schmidt, Gottfried, assignor.)						
Jacobs, Jacob, Akron, Ohio. Fireproof construction for buildings.....	844,944	Feb. 19	4409	942	126	2960
Jacobs, Jacob, Brooklyn, N. Y. Vault-light.....	858,654	July 2	520	134	129	181
Jacobs, Jacob, New York, N. Y. Bracing for sidewalks, &c.....	861,655	July 30	5179	1421-2	129	1828
Jacobs Manufacturing Company. (See Jacobs, Arthur I., assignor.)						
Jacobs, Max. (See Schlee and Jacobs.)						
Jacobs Steel Excavator Company. (See Jacobs, Charles C., assignor.)						
Jacobs, Walter A. (See Hotaling and Jacobs.)						
Jacobs, Walter A., Adamant, Vt. Passenger-car.....	844,133	Feb. 12	2519	541-2	126	2455
Jacobs, William F., Ottawa, Ill. Pump.....	855,782	June 4	658	134	128	1863
Jacobs, William L., Autreyville, Ga. Scouring-machine.....	869,712	Oct. 29	3954	1091	130	2623
Jacobs, Winfred, Dodge City, Kans. Header.....	843,279	Feb. 5	913	186	126	2023
Jacobsen, Albert. (See Ruebel, Walter, assignor.)						
Jacobsen, Axel, Hastings, Nebr. Campaign-badge.....	865,905	Sept. 10	1802	502	130	593
Jacobsen, Frederick R., Portland, Oreg. Automatic valve.....	847,182	Mar. 12	2917	642	127	766
Jacobsen, Henrik T., Chicago, Ill. Adjustable drop-light.....	847,580	Mar. 19	3730	819	127	1004
Jacobsen, Jacob, East Chicago, Ind. Apparatus for opening oysters.....	864,169	Aug. 27	3219	891	129	3176
Jacobsen, Jacob T., Metropolitan, Cal. Pole-tip.....	852,561	May 7	383	69	128	101
Jacobsen, Jens N., Ferndale, Cal. Wrapping-machine.....	857,466	June 18	3914	832-3	128	2755
Jacobsen, John S., Harvey, Ill. Tank-heater.....	861,656	July 30	5180	1422	129	1828
Jacobson, Alfred, and E. A. Svensson, Stockholm, Sweden. Safety-lock.....	851,008	Apr. 23	4601	964	127	2872
Jacobson, Charles, Warren, Pa. Gas-engine.....	861,729	July 30	5288	1454	129	1858
Jacobson, Edward B., assignor to Pittsfield Spark Coil Company, Pittsfield, Mass. Com-mutator-switch.....	854,039	May 21	3395	700	128	937
Jacobson, Edward B., assignor to Pittsfield Spark Coil Company, Pittsfield, Mass. Speed-governor for armature-shafts, &c.....	856,961	June 11	2952	619	128	2473
Jacobson, Edward B., assignor to Pittsfield Spark Coil Company, Pittsfield, Mass. Speed-governor for dynamos.....	858,002	June 25	5027	1062	128	3068
Jacobson, Henry, Perth Amboy, N. J. Pedal-operating device.....	841,015	Jan. 8	2463	536	126	671
Jacobson, Jacob, and J. Haugland, Brooklyn, N. Y. Measuring instrument.....	871,996	Nov. 26	3912	943	131	1025
Jacobson, Ole H., Oak City, Utah. Combined ironing-board and step-ladder.....	866,366	Sept. 17	2505	698-9	130	846
Jacobson, Samuel, <i>et al.</i> (See Mahoney, Joseph N., assignor.)						
Jacobson, Sven, and S. E. Svendsen, Gig Harbor, Wash. Stump-puller.....	863,399	Aug. 13	2064	557	129	2761
Jacobson, Svan J., Brewster, Kans. Padlock.....	845,358	Feb. 26	5259	1115	126	3215
Jacobson, William, Sawyer, Wis. Railway-tie.....	853,978	May 21	3278	673	128	910
Jacobus, James W., Great Neck, N. Y. Ink-well.....	850,478	Apr. 16	3583	748	127	2576
Jacobus, James W., Great Neck, N. Y. Ink-well.....	850,479	Apr. 16	3584	749	127	2576
Jacoby, John C., Ashland, Ohio. Nose-ring.....	873,753	Dec. 17	2957	626	131	1710
Jacoby, Josiah, Lodi, Ohio. Nut-lock.....	848,307	Mar. 26	5211	1137	127	1403
Jacolucci, Alexander S., Providence, R. I. Confectionery-machine.....	857,179	June 18	3391	716	128	2625
Jacquart, Bernard, South River, N. J., assignor to American Enameled Brick & Tile Co., New York, N. Y. Brick-supporting pallet.....	853,086	May 7	1446	302	128	366
Jacques, John S., Boston, Mass. Pneumatic-despatch-tube system.....	842,836	Jan. 29	6225	1314-15	126	1730
Jacques, Mia E., Buffalo, N. Y. Milking apparatus.....	870,785	Nov. 12	1456	394-5	131	506
Jaderlund, John. (See Hesselius and Jaderlund.)						
Jaeger, Alexander, Philadelphia, Pa. Vending-machine.....	861,184	July 23	4414	1211	129	1550
Jaeger, Carl H., Leipzig-Plagwitz, Germany, assignor to International Steam Pump Company, New York, N. Y. Rotary pump.....	860,668	July 23	3628	995	129	1296
Jaeger, Carl H., Leipzig, Germany, assignor to International Steam Pump Company, New York, N. Y. Centrifugal and turbine pump and the like.....	871,341	Nov. 19	2505	646	131	780
Jaeger, Carl L., Maywood, N. J. Recording device.....	863,281	Aug. 13	1897	512-13	129	2705
Jaeger, Frederick W., and G. A. Landsee, Milwaukee, Wis. Contact-plug for sockets for electric lights.....	860,482	July 16	3323	910	129	1163
Jaeger, George A., Maywood, N. J. Album.....	864,648	Aug. 27	3988	1106	129	3418
Jaeger, Herman A. (See Dukelow, Kier, and Jaeger.)						
Jaeger Machine Company. (See Peters, William H., assignor.)						
Jaeger, Oliver, Trier, Germany. Apparatus for lacquering endless metal bands.....	858,870	July 2	881	229	129	303
Jaeger, Oskar. (See Frikart and Jaeger.)						
Jaeger, Otto, Ogontz, Pa. Medicine-cabinet.....	856,587	June 11	2269	466	128	2302
Jagenberg, Emil, Dusseldorf, Germany. Machine for making paper boxes.....	848,656	Apr. 2	69	16	127	1602
Jagenberg, Firm of Ferd. E. (See Otting, Karl, assignor.)						
Jäger, Fritz, Gladbeck, Germany. Fire-escape.....	854,645	May 21	4546	949	128	1230
Jahn, Ernest A., London, England. Atomizer or pump-sprayer.....	842,097	Jan. 22	4610	989	126	1288
Jahn, Frederick G., New York, assignor to International Postal Supply Company of New York, Brooklyn, N. Y. Mail-marking machine.....	856,345	June 11	1770	368-70	128	2176
Jahn, Frederick G., New York, assignor to International Postal Supply Company of New York, Brooklyn, N. Y. Feeding mechanism.....	856,346	June 11	1777	370-1	128	2177
Jahn, Frederick G., New York, assignor to International Postal Supply Company of New York, Brooklyn, N. Y. Feeding mechanism.....	856,347	June 11	1781	371	128	2178
Jahn, Frederick G., New York, assignor to International Postal Supply Company of New York, Brooklyn, N. Y. Rheostat.....	861,365	July 30	4732	1293	129	1689
Jahn, Frederick G., New York, assignor to International Postal Supply Company of New York, Brooklyn, N. Y. Clutch mechanism.....	861,366	July 30	4735	1294	129	1690
Jahn, Frederick G., New York, assignor to International Postal Supply Company of New York, Brooklyn, N. Y. Printing mechanism.....	861,367	July 30	4737	1294-5	129	1690
Jahn, Frederick G., New York, assignor to International Postal Supply Company of New York, Brooklyn, N. Y. Counting or registering mechanism.....	863,997	Aug. 20	2950	812-13	129	3066
Jahn, Frederick G., New York, N. Y., assignor to International Postal Supply Company of New York, Brooklyn, N. Y. Printing mechanism.....	869,783	Oct. 29	4057	1120	130	2653
Jahns, Robert H., Naco, Ariz. Ter. Cord-knotter.....	872,182	Nov. 26	4286	1024	131	1087
Jakob, Victor, Columbus, Ohio. Two-cycle gas-engine.....	866,654	Sept. 24	2918	825	130	1004
Jakobsson, Herman G. (See Meigs, Jakobsson, and Brand.)						
Jakubowski, Stanley, Pittsburg, Pa. Rack.....	841,977	Jan. 22	4379	944	126	1234
James, Adoniram J., Houston, Tex. Wheel-tire.....	863,539	Aug. 13	2263	614	129	2821
James, Alva C. (See Hunt and James.)						
James B. Clow & Sons. (See Pleins, Leo H., assignor.)						
James, Charles S., Los Angeles, Cal. Apparatus for the treatment of lung and throat diseases.....	841,782	Jan. 22	3998	863	126	1140
James, Charles W., assignor to E. Allen and Company, Limited, Sheffield, England. Au-tomatic feed-gear for conveyers.....	866,864	Sept. 24	3240	911	130	1190
James, Daniel P., Eureka, Ill. Toy.....	854,646	May 21	4547	949	128	1230
James, David, Coffeyville, Kans. Gate.....	862,167	Aug. 6	82	23	129	2111

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James, E. T. (See Wilhelm, William W., assignor.)						
James, Edward T., and G. W. Webb, Charlotte, N. C. Cross-head.....	866,655	Sept. 24	2921	825	130	1004
James, Frederick, Lanesboro, Pa. Torpedo-placer.....	870,437	Nov. 5	901	243-4	131	295
James, Frederick R., London, England. Receptacle or container for viscous, semifluid, or like substances.....	861,465	July 30	4899	1345	129	1738
James, Guy R., Rome, Miss. Metal cross-tie.....	851,810	Apr. 30	6229	1299	127	3312
James, Henry D., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Resistance-terminal.....	851,667	Apr. 30	5942	1241	127	3236
James, Henry D., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of electric-motor control.....	854,825	May 28	4935	1025	128	1359
James, Henry D., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control for electric motors.....	854,892	May 28	5092	1058-9	128	1400
James, Henry D., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control for electric motors.....	862,168	Aug. 6	84	24	129	2111
James, Henry D., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of electric-motor control.....	875,581	Dec. 31	6651	1390	131	2361
James, Henry D., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Multivoltage system of electric-motor control.....	875,582	Dec. 31	6656	1390	131	2362
James, Henry D., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control of electric motors.....	875,583	Dec. 31	6660	1391	131	2362
James, Henry D., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Multiple-voltage system of control.....	875,584	Dec. 31	6664	1391	131	2362
James, Henry D., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control.....	875,663	Dec. 31	6943	1447	131	2390
James Hunter Machine Company. (See Scribner, Charles F. T., assignor.)						
James, John D., Pulaski, Va. Filling zinc-retorts.....	851,668	Apr. 30	5943	1241	127	3237
James, John E. (See King and James.)						
James, Lawrence, Shenandoah, Iowa. Washboiler.....	865,903	Sept. 10	1799	502	130	593
James, Levi, Columbus Junction, Iowa. Harness-hook.....	851,092	Apr. 23	4759	1001	127	2911
James Ore Concentrator Co. (See James, Ulysses S., assignor.)						
James Reilly Repair and Supply Company. (See Bowman, Mark K., assignor.)						
James Reilly Repair and Supply Company. (See Row, Keuben R., assignor.)						
James, Thomas, Swansea, England. Automatic plate-carrier.....	867,977	Oct. 15	1205	333	130	1724
James, Thomas S., Chiswick, and T. H. Wilson, London, England. Internal-combustion engine.....	870,966	Nov. 12	1761	480-1	131	601
James, Ulysses S., assignor to James Ore Concentrator Co., Newark, N. J. Ore-concentrator.....	874,364	Dec. 17	4220	889	131	1911
James W. Edwards Co. <i>et al.</i> (See Roche and Breese, assignors.)						
James, Walter, Brushton, Pa. Folding crate.....	868,440	Oct. 15	1931	540	130	1943
James, William E., <i>et al.</i> (See Horn, Emil, assignor.)						
James, William H. C., <i>et al.</i> (See Matheson, Robert S., assignor.)						
James, William T., Chicago, Ill. Conveyer.....	856,527	June 11	2141	439-40	128	2269
James, William T., Chicago, Ill. Chain.....	856,528	June 11	2143	440-1	128	2270
James, William T., Chicago, Ill. Chain.....	856,529	June 11	2144	441-2	128	2271
Jameson, Alexander, assignor to L. Noble, trustee, Indianapolis, Ind. Non-refillable bottle.....	871,276	Nov. 19	2352	612	131	758
Jameson, J. E., (See Daniel, Robert O., assignor.)						
Jamieson, Albert D., (See Dean, Cyrus S., assignor.)						
Jamieson, James A., Montreal, Quebec, Canada. Conveyer.....	843,018	Feb. 5	361	78-9	126	1883
Jamieson, William, Grays, England. Machine for clamping together pieces of wood.....	872,428	Dec. 3	236	47	131	1205
Jamieson, William, assignor of two-thirds to A. Valentour and W. Jamieson, Jr., McDonald, Pa. Lubricator.....	865,248	Sept. 3	740	211	130	224
Jamieson, William, Jr., <i>et al.</i> (See Jamieson, William, assignor.)						
Jamieson, William M., Te Papa, near Onehunga, New Zealand. Pneumatic-tire protector.....	874,964	Dec. 31	5463	1142	131	2165
Jamison, Frank C., Philadelphia, Pa. Meat-tenderer.....	863,717	Aug. 20	2525	697	129	2935
Jamison, Thomas M., and A. Pettryl, Chicago, Ill.; said Jamison assignor to said Pettryl. Convertible couch and bed.....	855,058	May 28	5416	1124	128	1483
Janecek, Franz, Karlin, near Prague, Austria-Hungary. Electric-arc lamp.....	844,361	Feb. 19	3020	645	126	2021
Janelle, Belonie, Manchester, N. H. Filling-replenishing mechanism for looms.....	861,185	July 23	4416	1211	129	1551
James, William D., Saginaw, Mich. Bearing for shade-rollers.....	870,628	Nov. 12	1199	324	131	426
Janesville Machine Company. (See Heylman, Edward M., assignor.)						
Janet, Armand, Paris, France. Producing oxygen.....	874,596	Dec. 24	4695	987	131	2019
Janin, Albert S., assignor of one-third to W. J. Cole, New York, N. Y. Electric trolley.....	873,668	Dec. 10	2760	586	131	1648
Jannay, Walter T., and G. H. Dern, Mercur, Utah. Filter.....	857,467	June 18	3920	834	128	2756
Janofsky, Max. (See Altman and Silverman, assignors.)						
Jansen, Bernard H. (See McNamara, William V., assignor.)						
Jansen, Peter, Griffith, Ind. Machine for topping onions.....	861,857	July 30	5492	1516	129	1921
Janson, Carl A., Chicago, Ill. Apparatus for melting and purifying butter and fats.....	854,422	May 21	4136	856	128	1128
Janson, Carl A., Chicago, Ill. Spiral gearing.....	856,405	June 11	1927	396	128	2217
Janson, Carl A., Chicago, Ill. Variable-speed transmission mechanism.....	864,845	Sept. 3	133	36	130	41
Janson, Carl A., Chicago, Ill. Roller-tooth gear.....	874,342	Dec. 17	4179	880	131	1903
Janssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Drive and stop mechanism for braiding-machines.....	852,722	May 7	703	136	128	185
Janssen, Henry, assignor to Textile Machine Works, Incorporated, Wyomissing, Pa. Change-gearing for braiding-machines.....	873,698	Dec. 10	2827	602-3	131	1658
Janssen, Joseph H., Chicago, Ill. Holder for coffee-bottles and the like.....	865,644	Sept. 10	1386	393	130	453
Janssen, Theodor B., Hanover, Germany. Locking apparatus to prevent theft and unauthorized use of bicycles and the like.....	855,854	June 4	805	168	128	1898
Jantz, Gustave H., Wyoming, Ohio. Clothes-wringer clamp.....	850,584	Apr. 16	3784	789	127	2629
Jantzen, Carl C., Hood River, Oreg. Rail-joint.....	864,895	Sept. 3	209	59	130	65
Jantzen, James W., Lowell, Mass. Feed-water heater.....	871,801	Nov. 26	3443	845-6	131	959
Japp, Henry, <i>et al.</i> (See Vandevort, Frank F., assignor.)						
Jaquet, Charles, assignor to Schneider, Jaquet & Cie., G. M. B. H., Strassburg-Königs-hofen, Germany. Grits and dust purifier.....	846,670	Mar. 12	1925	423-4	127	520
Jaquith, Harry J., Boston, Mass. Socket-securing device for lasts.....	863,184	Aug. 13	1752	470	129	2663
Jaquith, Harry J., Boston, Mass. Multiple-drill attachment for drilling-machines.....	865,249	Sept. 3	741	211	130	224
Jaquith, Harry J., Boston, Mass. Device for sawing last-blocks.....	865,250	Sept. 3	743	212	130	224
Jaretski, Sam. (See Padernacht, William, assignor.)						
Jarrell, Edwin, Riverdale, Kans. Plow.....	874,597	Dec. 24	4696	987	131	2020
Jarrett, Ann, Davis Grove, Pa. Infant's binder.....	869,784	Oct. 29	4062	1121	130	2654
Jarrett, John R., Mishawaka, Ind. Suspensory.....	847,779	Mar. 19	4143	904	127	1102
Jarrett, Landon C., Marshall, N. C. Mail-transportation system.....	847,076	Mar. 12	2723	600-1	127	719
Jarrett, Morris F., assignor of one-half to E. C. Carpenter, Anderson, Ind. Annealing-box.....	845,093	Feb. 26	4729	1002	126	3081

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Jarvis, Adams Company. (See Townes and Gardner, assignors.)						
Jarvis, Samuel E., Leominster, Mass., high and low water machine.	809,907	Nov. 5	50	15	101	17
Jarvis, William H. E., assignor of one-half to J. A. Vapstrey, Beaufort, W. Va., space-lens.	805,906	Sept. 10	1803	503	100	394
Jasper Furniture Company. (See Gramelspacher, John, assignor.)						
Jasper, John P., Cary City, Ky., loom-mower.	841,821	Feb. 12	1926	414	126	2011
Jasper, William, possessor of one-half to A. Wolf, New York, N. Y., sewing-machine.	807,070	June 18	3379	608-9	128	2579
Jaspar, George P., Erie, Pa., purifying noxious gas.	809,940	Apr. 9	2077		127	2094
Jaspar, John C., (See Salvo, Joseph I., assignor.)						
Jay, Harry B., Kalamazoo, Mich., turnings-shed for horns and like instruments.	856,662	June 11	2078	489	128	2251
Jay, William N., Moscow, Idaho, Derrick for loading wagons.	811,601	Jan. 15	3249	700	126	915
Jayne, Hannah G., New York, N. Y., assignor to Eureka Machine Company, Good-						
Washington, D. C.	855,640	June 4	473	77	128	1780
Jayne, George W., Washington, D. C., Railway safety appliance.	854,503	May 21	4283	887	128	1165
Jayne, Maurice D., Phillipsburg, N. J., Lubricator.	842,523	Jan. 29	3625	1159	126	1584
Jayne, Thomas L., Toronto, Ontario, Canada, Time-measurer.	840,495	Jan. 8	1436	37	129	415
Jean, Julius A., assignor of one-half to G. A. Moors, Denver, Colo., Amalgamator and concentrator.	847,957	Mar. 12	2726	601	127	710
Jenksville Iron Works Company. (See Meeden, Elford, assignor.)						
Jenks, William R., Cleveland, Ohio, Oil-burner.	848,828	Apr. 2	457	90-1	127	1703
Jenks, William R., Cleveland, Ohio, Oil-burner.	848,829	Apr. 2	465	91	127	1705
Jenks, William R., Cleveland, Ohio, Wick burner.	848,830	Apr. 2	467	91	127	1706
Jenks, William R., Cleveland, Ohio, Oil-burner.	871,595	Nov. 19	3936	756	131	863
Jenson, Fredtjof. (See Kirkgaard, Georg, assignor.)						
Jensen, Fredtjof, Bergen, Norway, assignor of one-half to G. Kirkgaard, Brooklyn, N. Y., Bottle-stopper.	848,174	Mar. 26	4962	1077	127	1333
Jerkoff, Joseph F., Garfield, N. J., Toy.	871,701	Nov. 19	3328	759	131	896
Jeffers, Amorse, East St. Louis, Ill., Lazy-tongs elevator.	862,669	Aug. 6	3006	242	129	2665
Jeffers, Burt H., assignor of one-half to R. Keck, Chicago, Ill., File-cabinet.	861,186	July 23	4417	1212	129	1551
Jeffers, Frank E., Chicago, Ill., Ventilating window-sash lock.	849,952	Apr. 2	3417	188	127	1822
Jeffery, Thomas B., (See Symonides, Robert, assignor.)						
Jeffery, Thomas B., Kenosha, Wis., Driving-clutch for mechanically-propelled vehicles.	859,945	July 16	2508	681	129	894
Jeffrey, Harry, Louisville, Ky., Wrench.	870,457	Dec. 10	2822	487	131	1571
Jeffrey, Joseph A., (See Fetheroff, Charles E., assignor.)						
Jeffrey, Joseph A., (See Gustavsen, Charles O., assignor.)						
Jeffrey, Joseph A., (See Hadlock, Edwin L., assignor.)						
Jeffrey, Joseph A., (See Horst, George C., assignor.)						
Jeffrey, Joseph A., (See Kingston, James, assignor.)						
Jeffrey, Joseph A., (See Lynch, George F., assignor.)						
Jeffrey, Joseph A., (See Merrill, Edwin R., assignor.)						
Jeffrey, Joseph A., (See Miller, Charles W., assignor.)						
Jeffrey, Joseph A., (See Sessions, Frank L., assignor.)						
Jeffrey, Joseph A., (See Stuckel, Archibald W. F., assignor.)						
Jeffrey, Joseph A., (See Stepanian, Stephen, assignor.)						
Jeffrey, Joseph A., (See Willson, Freeman R. Jr., assignor.)						
Jeffrey Manufacturing Company. (See Dierdorf and Willson, assignors.)						
Jeffrey Manufacturing Company. (See Joor, Samuel F., assignor.)						
Jeffries, Henry, West Salisbury, Pa., Rule.	867,750	Oct. 8	762	213	130	1566
Jeffries, Bruce H., Chicago, Ill., Feed-valve.	866,381	July 16	3376	808	129	1113
Jeffries, C. L., (See Hurd, Theodore T., assignor.)						
Jeffries, Harry L., Grimes, Iowa, Feed-operating mechanism.	848,553	Mar. 26	3659	1239	127	1512
Jeffries, James K., (See Buchanan, John D., assignor.)						
Jeffries, Thomas I., assignor to Stanley Electric Manufacturing Company, Pittsfield, Mass., Protective device for electric circuits.	866,185	Aug. 13	1754	470	129	2663
Jeffries, William L., Oregon City, Oreg., Boiler-feeder.	874,080	Dec. 17	3673	772-3	131	1817
Jeffs, William H., et al., (See Roberts, Leonard C., assignor.)						
Jeffs, William H., (See Roberts, McFarnaghan, and Jeffs.)						
Jeffs, Joseph F., (See Carlin and Jeffs.)						
John, Victor L., (See Tiedtke and John.)						
John, Victor L., New York, N. Y., Pad-holding clip.	810,627	Jan. 8	1700	373	126	480
John, Calvin, Granite City, Ill., Baling-press.	867,200	Sept. 24	3771	1065	130	1276
John, George A., Pittsburg, Pa., Noodle-center.	841,152	Jan. 15	2759	692	126	791
Johnson, Lawrence R., (See Holmes and Johnson.)						
Johnsonsky, Adolph W., Chicago, Ill., Automatic safety-valve for gas-supply pipes.	846,772	Jan. 8	1975	486	126	748
Johns, C. H., et al., (See Bardon, Willis C., assignor.)						
Johns, Charles D., Boston, Mass., Compressed air motor.	868,441	Oct. 15	1931	540	130	1943
Johns, Charles F., Washington, D. C., Making paper tubes.	869,385	July 16	3179	808	129	1115
Johns, Charles F., Washington, D. C., Making paper tubes.	869,393	Sept. 10	1409	371	130	126
Johns, David J., Cardiff, England, Apparatus for removing waste from containers.	860,660	July 16	2664	721	129	942
Johns, Edwin L., Valparaiso, Iowa, Derrick.	873,374	Dec. 10	2218	461-2	131	1550
Johns, Frederick, et al., executors. (See Johns, Lancaster Z.)						
Johns, Frederick C., (See Lost, Carl, assignor.)						
Johns, Frederick C., assignor to L. L. Johns, Goldington, near Bedford, England, Ap-						
paratus for feeding sheep.	868,666	Oct. 15	1382	387-8	130	1777
Johns, J., et al., Machine for separating and grading coffee grains or beans.	867,270	Oct. 1	39	71	129	1335
Johns, Joseph W., Meigs, Ga., Railway-truck.	866,633	Sept. 17	2005	559	130	687
Johns, Lancaster Z., deceased, Philadelphia, Pa., et al., executors, H. H. Bodman, and W. M. Bodman, executors. Attachment for feeding hogs.	861,657	July 30	3182	1472	129	1828
Johns, Arthur L., (See Johns, Frederick C., assignor.)						
Johnson, Lawrence B., Weymouth, Mass., assignor to Crompton & Knowles Loom Works, Lowell, Mass., Loom.	894,541	Aug. 27	3825	1059	129	3368
Johnson, Robert L., Glasgow, Ky., Knife.	836,797	Mar. 5	1117	27	127	32
Johnson, Mary K., Hiram, O., Harvest-sifter.	855,105	May 28	3442	1192	128	1452
Johnson, Mary K., Hiram, O., Harvest-sifter.	855,106	May 28	3445	1192-3	128	1453
Johnson, Norman S., (See Johnson, Gertrude, et al., assignors.)						
Johnson, William, et al., (See Johnson, Norman S., et al., assignors.)						
Johnson, William W., Jackson, Ky., Nut-sifter.	866,279	Sept. 17	2297	659	129	832
Johnson, Charles O., Hays, Mo., Oil-burner.	818,671	Mar. 26	3099	1162	127	1432
Johnson, T. M., Manufacturing Company. (See Hunt, William H., assignor.)						
Johnson, William H., (See Johnson, T. M., assignor.)						
Johnson, George E., Hays, N. Y., Garment.	870,967	Nov. 12	176	481	131	601
Johnson, J. Edward L., San Antonio, Tex., Stork-carrying machine.	862,149	Aug. 6	30	24-5	129	2112
Johnson, John H., (See Johnson, H., assignor.)						
Johnson, John H., (See Johnson, H., assignor.)						
Johnson, Peter, Philadelphia, Pa., Catch mechanism.	869,777	Oct. 29	3934	1091	129	2023

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Jenney, Charles D., Indianapolis, Ind. Power-transmission device.....	864,846	Sept. 3	134	36	130	42
Jenney, Robert T., De Pere, Wis. Post-hole digger.....	856,066	June 4	1178	249	128	1991
Jenney, Silas W. (See Perkins and Jenney.)						
Jenney, Walter R., assignor of one-half to C. H. Beals, Westfield, Mass. Automatic switch.....	853,882	May 14	3071	630-1	128	818
Jenney, Walter R., assignor of one-half to C. H. Beals, Westfield, Mass. Automatic safety-switch.....	853,944	May 14	3201	656	128	851
Jenning, Gustav A., East St. Louis, Ill. Leveling instrument.....	872,183	Nov. 26	4287	1024	131	1087
Jennings, Alfred J., Martinez, Cal. Canopy mosquito-bar.....	849,791	Apr. 9	2295	472	127	2207
Jennings, Andrew R., London, England. Adding-machine.....	856,157	June 4	1363	286-8	128	2037
Jennings, Chester S., Brookline, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Carrier-separator for pneumatic-tube apparatus.....	851,754	Apr. 30	6112	1277	127	3280
Jennings, Daniel C., North Falmouth, assignor of one-half to A. M. Alger, Taunton, Mass. Reefing-gear.....	843,822	Feb. 12	1927	413	126	2311
Jennings, Fred F., Kansas, Ill. Tug-loop.....	872,067	Nov. 26	4066	974	131	1049
Jennings, John, assignor of two-thirds to G. E. Stocking and P. Hohenadel, Jr., Rochelle, Ill. Agitating cooker and processor.....	865,645	Sept. 10	1387	393-4	130	453
Jennings, John F. (See Fleischman and Jennings.)						
Jennings, John J., Reidville, S. C. Nut-lock.....	852,841	May 7	954	196	128	243
Jennings, Joseph H., Middleway, W. Va. Railway-tie.....	847,780	Mar. 19	4144	905	127	1103
Jennings, Marcus E., and A. J. Winebrake, Scranton, Pa. Hat-fastener.....	866,656	Sept. 24	2922	825	130	1005
Jennings, Nile, Cormorant, Minn. Plow.....	850,162	Apr. 16	2973	623	127	2416
Jennings, T. A. (See Gilmer, John T., assignor.)						
Jennings, Victor H., assignor to Mills Woven Cartridge Belt Company, Worcester, Mass. Woven fabric.....	859,067	July 2	1169	315	129	395
Jennings, William E. (See Ligon and Jennings.)						
Jennings, William S., Lyon, Miss. Plow.....	866,657	Sept. 24	2923	826	130	1005
Jensen, Aage, Eureka, Cal. Combined churn and butter-worker.....	855,178	May 28	5672	1180	128	1546
Jensen, Aage, Eureka, Cal. Butter-cutter.....	855,404	May 28	6062	1267	128	1644
Jensen, Aage, Eureka, Cal. Combined churn and butter-worker.....	865,594	Sept. 10	1310	372	130	426
Jensen, Aage, Eureka, Cal. Liquid-cooler.....	869,089	Oct. 22	2957	816	130	2291
Jensen, Aage, Eureka, Cal. Liquid ripener, pasteurizer, and cooler.....	874,343	Dec. 17	4181	880	131	1904
Jensen, Aage, Eureka, Cal. Pasteurizer.....	874,598	Dec. 24	4697	987-8	131	2020
Jensen, Christian, Philadelphia, Pa. Washer.....	847,665	Mar. 19	3915	854-5	127	1049
Jensen, Frantz, Copenhagen, Denmark. Magnetic transmission mechanism.....	862,400	Aug. 6	487	130	129	2240
Jensen, Holger O. (See Zorger and Jensen.)						
Jensen, Jens C. (See Griggs and Jensen.)						
Jensen, John C., Berkeley, Cal. Flying target.....	864,305	Aug. 27	3422	951	129	3240
Jensen, John O. (See Hemingray and Jensen.)						
Jensen, Niels P., Ephraim, Utah. Holder for overshoes.....	868,567	Oct. 15	2117	592	130	2003
Jensen, Peter A., Seattle, Wash. Hoof-trimmer.....	841,016	Jan. 8	2464	537	126	671
Jensen, Ragnvald, East Rand, Transvaal. Safety mechanism for hoisting or hauling apparatus for mines.....	857,286	June 18	3585	759	128	2674
Jensen, Thorvald G., assignor to Henningsen and Jensen, Kimballton, Iowa. Brick-molding machine.....	843,087	Feb. 5	509	106-7	126	1924
Jensen, William. (See Raymond and Jensen.)						
Jenson, George M., Hayward, Minn. Self-locking block and pulley.....	848,905	Apr. 2	622	124	127	1747
Jenson, John E., Minneota, Minn. Wrench.....	847,581	Mar. 19	3731	819	127	1004
Jentz, Carl, Grand Mere, Quebec, Canada. Pulp-screen-plate fastening.....	859,228	July 9	1416	376	129	511
Jeppesen, Jens N., and N. Michelsen, Monroe, Utah. Hay-loader.....	855,317	May 28	5915	1234	128	1608
Jepson, Joseph C., San Francisco, assignor of one-half to E. K. Taylor, Alameda, Cal. Paint or coating composition.....	868,442	Oct. 15	1932	540	130	1943
Jerald, Daniel A., Osage, Iowa. Self-heating iron.....	873,942	Dec. 17	3330	710	131	1773
Jeralds, Albert O., assignor to W. A. Tooker, Jr., Stamford, Conn. Shut-off for tube-compressors.....	850,371	Apr. 16	3376	706	127	2524
Jerdone, Francis, Jr., Chicago, Ill. Draft appliance.....	811,017	Jan. 8	2465	537-8	126	672
Jeremias, Arnold. (See Ertner and Jeremias.)						
Jerger, Wilhelm, Villingen, Germany. Pop-pistol.....	863,400	Aug. 13	2065	557	129	2762
Jerkins, William J., Moultrie, Ga. Fork.....	868,094	Oct. 15	1386	388	130	1777
Jernigan, Harry D., Orinda, Tenn. Mortising-gage.....	850,480	Apr. 16	3585	749	127	2579
Jerratsch, Gottfried T. A., Schwerin, Germany. Gas-retort.....	860,095	July 16	2745	749	129	971
Jerrens, Thomas W., St. Paul, Minn. Grass-twine machine.....	860,978	July 23	4116	1127-8	129	1454
Jersemann, Max, assignor to Schultz, Jersemann Manufacturing Company, New York, N. Y. Jewelry-holder.....	843,678	Feb. 12	1679	356	126	2248
Jess, Peter, Sabula, Iowa. Vehicle-brace.....	874,204	Dec. 17	3912	827	131	1859
Jessen, James, Minneapolis, Minn. Automatic heat-controller.....	841,978	Jan. 22	4380	944-6	126	1234
Jessop, George W., Pittsburg, Pa. Wrench.....	874,081	Dec. 17	3675	773	131	1818
Jessup, Ursa S., Provo, S. D. Rake.....	849,244	Apr. 2	1262	256	127	1911
Jessup, William F., Newark, N. Y. Wheel-hub.....	864,468	Aug. 27	3672	1021	129	3323
Jester, Arthur A., Dunkirk, Ohio. Device for holding swine.....	863,186	Aug. 13	1755	471	129	2663
Jeter, Sherwood F., New Haven, Conn. Water-tube boiler.....	840,566	Jan. 8	1587	348	126	449
Jett, Emery E., and C. S. Palmer, Chicago, Ill. Car-brake.....	867,376	Oct. 1	230	66	130	1383
Jewell, John, assignor of one-fifth to O. T. Mitchell and M. J. Madsin, Duluth, Minn. Advertising-machine.....	862,640	Aug. 6	908	243	129	2365
Jewell Manufacturing Company. (See Post, Schuyler B., assignor.)						
Jewell, Martin, Clinton, Me. Vehicle-brake.....	873,552	Dec. 10	2560	540	131	1610
Jewell, Martin, Clinton, Me. Mowing-machine.....	875,353	Dec. 31	6225	1298-9	131	2289
Jewell, Nellie L., Buffalo, N. Y. Cabinet-table.....	841,405	Jan. 15	3251	701	126	916
Jewell, William M., Chicago, Ill. Generator.....	862,483	Aug. 6	642	172-3	129	2288
Jewett City Textile Novelty Company. (See McNicol, Archie, assignor.)						
Jewett, Edmund G., Bellingham, Wash. Wood-distilling apparatus.....	863,718	Aug. 20	2527	697-8	129	2935
Jewett, John C., and J. L. Bowen, San Francisco, Cal. Milk-cooling apparatus.....	872,286	Nov. 26	4495	1067	131	119
Jezler, Hubert, Zurich, Switzerland. Clutch.....	845,094	Feb. 26	4730	1003	126	3082
Jiotka, Bohumil, Berlin, Germany. Liquid-sprayer.....	864,742	Aug. 27	4137	1148-9	129	3463
Jlinsky, Michael, Crefeld, Germany. Anthrachinone disulfonic acid.....	851,423	Apr. 23	5437	.....	127	3083
Jlinsky, Michael, Crefeld, assignor to R. Wedekind & Co., Uerdingen-on-the-Rhine, Germany. Production of organic sulfonic acids.....	847,078	Mar. 12	2727	.....	127	720
Joaquin, Elizabeth. (See Falvey, Thomas J., assignor.)						
Joaquin, Joseph F. (See Falvey, Thomas J., assignor.)						
Jobban, Josef. (See Marsóvszky and Jobban.)						
Jobson, John B., Atlanta, Ga. Plow.....	850,011	Apr. 9	2677	561	127	2304
Jodrey, Elbert W., Lynn, Mass., assignor to General Electric Company. Self-sustaining field-magnet coil.....	865,707	Sept. 10	1482	418	130	482
Jodrey, Elbert W., Lynn, Mass., assignor to General Electric Company. Coil for electrical purposes.....	865,907	Sept. 10	1804	503	130	594
Joekel, Henry F., Clayton, Ill. Telephone system.....	866,138	Sept. 17	2160	601	130	735

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Joecken, Peter J., assignor to Falls Machine Company, Sheboygan Falls, Wis. Jointing-machine.	857,071	June 18	3183	670	128	2574
Joehnick, Detlef L., Rocky Ford, Colo. Apparatus for handling beets.	875,529	Dec. 31	6559	1370	131	2345
Joerden, Henry C., Marling, Mo. Bifocal lens.	839,998	Jan. 1	390	85	126	106
Joergensen, Niels, West Hoboken, N. J. Auxiliary car-seat.	865,104	Sept. 3	526	145	130	159
Joergensen, Niels, West Hoboken, N. J. Auxiliary car-seat.	874,082	Dec. 17	3676	773	131	1818
Joerrisen, Carl A., Washington, D. C., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	858,655	July 2	521	134	129	181
Jogerst, William F., Kent, Ill. Wire-guide for check-row planters.	850,012	Apr. 9	2679	562	127	2304
Joh. Kleinewefers Söhne. (See Kleinewefers, Johannes, assignor.)						
Johannessen, John E., Brooklyn, N. Y. Anchor.	857,881	June 25	4736	1006	128	2993
Johannet, Max, Paris, France. Electromagnetic transmitting device.	847,079	Mar. 12	2728	601-2	127	720
Johannsen, Christian, Oeversee, near Flensburg, Germany. Anvil for riveting-machines.	850,651	Apr. 16	3932	821	127	2667
Johannsmeyer, Frederick, assignor to Cutler-Hammer Manufacturing Company, Milwaukee, Wis. Support for electrical resistances.	868,272	Oct. 15	1646	465	130	1860
Johansen, Johannes C., Copenhagen, Denmark. Massage apparatus.	846,412	Mar. 5	1390	307	127	353
Johansen, Johannes C., Copenhagen, Denmark. Abdominal-massage apparatus.	860,669	July 23	2629	995	129	1296
Johanson, Fritz. (See Wikander and Johanson.)						
Johansson, Karl E., Chicago, Ill. Animal-trap.	858,986	July 2	1060	279	129	362
Johansson, Karl E., Chicago, Ill. Pin-protector.	862,920	Aug. 13	1331	363	129	2527
Johansson, Karl J., Seattle, Wash. Life-preserver.	855,180	May 28	5676	1180	128	1547
Johansson, Olof A., Karlshamn, Sweden. Friction-clutch.	860,096	July 16	2746	749	129	972
John, Albert, Jr., Chicago, Ill. Spring shade-roller.	873,438	Dec. 10	2323	488	131	1571
John Bertram & Sons Company. (See Bertram, Henry, assignor.)						
John Brown & Company. (See Wallace, William C., assignor.)						
John C. Moore Corporation. (See Patric, Milan W., assignor.)						
John C. Winston Company. (See Kirk, Mahlon Z., assignor.)						
John, Edgar E. (See John, William S., assignor.)						
John F. McCanna Company. (See McCanna, John F., assignor.)						
John, Harley C., Riverside, Cal. Corner-brace.	842,789	Jan. 29	6146	1297	126	1711
John Holland Gold Pen Co. (See Holland, John A., assignor.)						
John, Hugo, Erfurt, Germany. Metal-cutting machine.	841,979	Jan. 22	4385	946	126	1235
John, Hugo, Erfurt, Germany. Metal-cutting machine.	861,122	July 23	4329	1188	129	1523
John, Hugo, Erfurt, Germany. Metal-shearing machine.	863,719	Aug. 20	2529	698-9	129	2936
John, Mathias, Milwaukee, Wis. Mechanical movement.	875,180	Dec. 31	5885	1227	131	2234
John Monks & Sons. (See Earle, Charles I., assignor.)						
John R. Keim Mills. (See Smith, William H., assignor.)						
John Royle & Sons. (See Royle and Whitehead, assignors.)						
John S. Metcalf Company. (See Spelman, James, assignor.)						
John Stephenson Company. (See Kling, Peter M., assignor.)						
John Waldron Company. (See Bedell, Isaac E., assignor.)						
John Waldron Company. (See Waldron, William H., assignor.)						
John, William S., Humansville, Mo., assignor of one-half to E. E. John, Billings, Mont. Hinge.	854,580	May 21	4431	920	128	1201
Johns, Albert K., Cedar Rapids, Iowa. Oil-heater.	851,755	Apr. 30	6113	1278	127	3281
Johns, Albert K., and W. Lansing, Cedar Rapids, Iowa. Poultry-fountain.	854,647	May 21	4548	949	128	1230
Johns, Alfred. (See Blessing and Johns.)						
Johns, Charles, Pittsburg, Pa. Mold for manufacturing rolls.	843,679	Feb. 12	1680	356	126	2248
Johns, Frank J., assignor of two-thirds to J. N. Garrett, Scranton, and J. P. Pulsifer, Philadelphia, Pa. Electrically-operated railway-switch.	867,918	Oct. 8	1069	302-3	130	1660
Johns, John B., et al. (See Johns, Robert, assignor.)						
Johns-Pratt Company. (See Cole, Robert C., assignor.)						
Johns, Robert, assignor of two-thirds to J. B. and W. C. Johns, Fairmont, W. Va. Plunger for bottle-machines.	856,067	June 4	1180	249-50	128	1991
Johns, Robert, assignor of two-thirds to J. B. and W. C. Johns, Fairmont, W. Va. Blank-mold.	858,812	July 2	790	206	129	275
Johns, Spencer M., San Francisco, Cal. Domestic steamer.	848,906	Apr. 2	623	124	127	1748
Johns, William C., et al. (See Johns, Robert, assignor.)						
Johnsen, Camilla J., Whiting, Ind. Window-reflector.	866,658	Sept. 24	2923	826	130	1005
Johnsen, Toris N., Clark, Wash. Thresher-feeder.	850,838	Apr. 16	4277	897-8	127	2751
Johnson, Abner, Strandquist, Minn. Animal-trap.	872,429	Dec. 3	237	47	131	1205
Johnson, Abner, Strandquist, Minn. Snap-hook.	873,553	Dec. 10	2562	540	131	1610
Johnson, Adolf E., Providence, R. I. Sprinkler-stopping device.	866,933	Sept. 24	3343	944	130	1143
Johnson, Albert, New York, N. Y. Electric water-alarm.	842,554	Jan. 29	5625	1189	126	1584
Johnson, Albert, Ladysmith, Wis. Folding umbrella.	872,518	Dec. 3	418	87	131	1233
Johnson, Albert E., Brockton, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Insole for use in the manufacture of boots and shoes.	849,245	Apr. 2	1263	256	127	1911
Johnson, Albert L., et al. (See Cunningham, Andrew O., assignor.)						
Johnson, Albert L., St. Louis, Mo. Concrete and metal construction.	844,599	Feb. 19	3746	788	126	2791
Johnson, Albert L., St. Louis, Mo. Corrugated bar.	858,517	July 2	266	65	129	94
Johnson, Albert L., St. Louis, Mo. Corrugated bar.	858,518	July 2	268	66	129	95
Johnson, Albert L., St. Louis, Mo. Corrugated bar.	862,254	Aug. 6	234	66	129	2154
Johnson, Albin, and C. A. Gustafson, Moline, Ill. Horse-guiding belt.	853,586	May 14	2446	509	128	660
Johnson, Alexander F. J., London, England. Marine torch.	871,997	Nov. 26	3914	944	131	1026
Johnson, Alfred, Quincy, Ill. Insulator.	840,336	Jan. 1	1098	239	126	293
Johnson, Alfred E., Denver, assignor to Johnson Furnace and Engineering Company, Colorado Springs, Colo. Gas-producing and heat-generating process.	851,756	Apr. 30	6115	1278	127	3281
Johnson, Alfred E., assignor to Her Rock Drill Manufacturing Company, Denver, Colo. Hammer-drill.	870,178	Nov. 5	467	128	131	154
Johnson, Alfred S., Jr., Waupun, Wis. Device for washing photographic prints.	846,109	Mar. 5	804	168	127	205
Johnson, Allen, Lincoln, Nebr. Urinal.	847,183	Mar. 12	2918	642	127	766
Johnson, Andrew A. (See Saxton, Henselwood, and Johnson.)						
Johnson, Andrew L. (See Sturrock and Johnson.)						
Johnson, Andrew L., Hamilton, Ontario, Canada, assignor to International Harvester Company. Grain-drill.	864,469	Aug. 27	3673	1022	129	3323
Johnson, Andrew T., Tonopah, Nev. Pressure-reducing valve.	871,277	Nov. 19	2354	612	131	758
Johnson, Aron, New York, N. Y. Feeding-hopper.	861,858	July 30	5494	1516	129	1921
Johnson, Aron E., Seattle, Wash. Miter-clamp.	842,555	Jan. 29	5627	1189	126	1584
Johnson, Arthur, Hyde Park, Mass. Combined hot and cold water faucet.	870,438	Nov. 5	903	244	131	296
Johnson, Arthur G., Pittsburg, assignor of one-half to E. C. Klein, Allegheny, Pa. Combination ladder and bench.	845,036	Feb. 19	4597	978-9	126	3008
Johnson, Arthur L., Chicago, Ill. Clamping-machine.	874,406	Dec. 24	4316	908-9	131	1958
Johnson, Axel F., New York, N. Y. Reversible folding-sash window.	845,418	Feb. 26	5370	1139	126	3241
Johnson, Benjamin F., Pontiac, Ill. Skirt-supporter.	842,317	Jan. 29	5102	1085	126	1446
Johnson, C. A. (See Anspach, Francis G., assignor.)						
Johnson, Carl J. F., assignor of one-half to C. W. Carlson, Cleveland, Ohio. Furnace-door.	869,575	Oct. 29	3742	1024	130	2560

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Johnson, Carl N., Pittsburg, Pa. Stone-cutting bit.....	858,072	June 25	5174	1096	128	3105
Johnson, Carl P. J. (See Thompson, Lars O. T., assignor.)						
Johnson, Carl V., Goldfield, Nev. Amusement apparatus.....	866,659	Sept. 24	2924	826	130	1005
Johnson, Charles. (See Daley and Johnson.)						
Johnson, Charles. (See Meehan and Johnson.)						
Johnson, Charles, Auburn, N. Y. Manure-spreader.....	853,587	May 14	2446	509-10	128	660
Johnson, Charles, Auburn, N. Y. Dumping-wagon.....	865,708	Sept. 10	1482	418	130	482
Johnson, Charles, Auburn, assignor of one-half to C. Frank, Newark Valley, N. Y. Change-speed gearing.....	872,131	Nov. 26	4192	1001	131	1071
Johnson, Charles E., Cleveland, Ohio. Envelop-feeder.....	854,826	May 28	4938	1026	128	1360
Johnson, Charles E., New Britain, Conn. Padlock.....	864,743	Aug. 27	4139	1149	129	3464
Johnson, Charles E., assignor to Corbin Cabinet Lock Company, New Britain, Conn. Padlock. (Reissue).....	12,716	Nov. 5	1037	283	131	335
Johnson, Charles H., assignor, by mesne assignments, to Pittsburg Pneumatic Company, Canton, Ohio. Valve for pumping-engines.....	858,397	July 2	49	14-15	129	18
Johnson, Charles H., assignor, by mesne assignments, to Pittsburg Pneumatic Company, Canton, Ohio. Fluid-pressure-operated tool.....	858,398	July 2	51	15	129	18
Johnson, Charles H., and M. Blanch, Worcester, Mass. Valve for self-playing instruments.....	861,987	July 30	5684	1577	129	1979
Johnson, Charles J., Lanham, assignor of one-half to J. J. Lumpkin, Meridian, Tex. Traction gang-plow.....	854,423	May 21	4137	857	128	1129
Johnson, Charles O., Boston, Mass. Roller-bearing.....	861,592	July 30	5084	1395	129	1799
Johnson, Charles P., Eureka, Kans. Headlight for locomotives.....	871,223	Nov. 19	2233	589	131	739
Johnson, Charles W. (See Cooper and Johnson.)						
Johnson, Charles W., Litchfield, Ill. Coin-counting machine.....	844,308	Feb. 12	2898	616	126	2551
Johnson, Douglas W., Cambridge, Mass. Toy gun.....	859,562	July 9	1926	519	129	677
Johnson, Duval, Pine Bluff, Ark. Ledger-index.....	847,184	Mar. 12	2921	643	127	767
Johnson, Duval, Pine Bluff, Ark. File.....	856,881	June 11	2807	585	128	2438
Johnson, E. L., et al. (See Hill, John W., assignor.)						
Johnson, E. M., et al. (See Chew, Benjamin A., assignor.)						
Johnson, Edward. (See Christman and Johnson.)						
Johnson, Edward, Milwaukee, Wis. Thumb-notch indexing-machine.....	853,087	May 7	1448	303	128	367
Johnson, Edward, Cincinnati, Ohio. Hose-supporter.....	867,377	Oct. 1	231	66	130	1383
Johnson, Edward E., White Bear Lake, Minn. Well-screen.....	865,595	Sept. 10	1311	372	130	427
Johnson, Edward H., Cleveland, Ohio. Trolley-wheel.....	861,288	July 30	4604	1258	129	1648
Johnson, Edward P., Grand Forks, N. D. Combination rule and bevel.....	840,623	Jan. 8	1701	374	126	480
Johnson, Edward W., Chicago, Ill. Multiple-needle holder for electrolysis.....	864,968	Sept. 3	329	88	130	105
Johnson, Edwin. (See Sadtler, Samuel P., assignor.)						
Johnson, Edwin, Schenectady, N. Y., assignor to General Electric Company. Electric switch.....	867,509	Oct. 1	423	121	130	1447
Johnson, Edwin S. (See Knight and Johnson.)						
Johnson, Eleazer. (See Mower and Johnson.)						
Johnson, Eldridge R., Merion, Pa., assignor to Victor Talking Machine Company. Talking-machine.....	856,704	June 11	2489	511	128	2358
Johnson, Eldridge R., Philadelphia, Pa., assignor to Victor Talking Machine Company. Sound-box for talking-machines.....	865,105	Sept. 3	527	146	130	159
Johnson, Eliza A., Washington, D. C. Type-cleaner.....	874,010	Dec. 17	3460	737	131	1794
Johnson, Elizabeth F., New York, N. Y., assignor to J. M. Woodward, Cleveland, Ohio. Cigarette-extinguisher.....	861,519	July 30	4966	1365	129	1759
Johnson, Emery, Newberg, Oreg. Electric-lamp regulator.....	857,404	June 18	3805	807	128	2728
Johnson, Ernest O., Madison, Wis. Rifle or shotgun.....	857,468	June 18	3922	834-5	128	2757
Johnson, Eugene M., Allston, Mass. Composite pipe.....	868,785	Oct. 22	2495	687	130	2148
Johnson, Eugie P., and C. I. Lee, Hartsells, Ala. Gas-engine governor.....	870,629	Nov. 12	1200	324-5	131	426
Johnson, Everell A., Mohave City, Ariz. Ter. Wrench.....	870,886	Nov. 12	1615	442	131	555
Johnson, Frank, Fredericksburg, Mo. Corn-shock loader and unloader.....	845,955	Mar. 5	473	97	127	123
Johnson, Frank, New York, N. Y. Loom.....	871,224	Nov. 19	2234	590	131	740
Johnson, Frank, New York, N. Y. Brake mechanism for loom warp-beams.....	871,278	Nov. 19	2359	613	131	759
Johnson, Frank A., New Bedford, Mass. Indexed ballot and ballot-book.....	874,599	Dec. 24	4699	988	131	2020
Johnson, Frank A., New Bedford, Mass., assignor, by mesne assignments, to Unitype Company, Manchester, Conn. Type-casting machine.....	867,277	Oct. 1	72	21-3	130	1336
Johnson, Frank A., and D. A. Robbins, Danville, Ill. Electric switch-operating device.....	864,306	Aug. 27	3422	952	129	3240
Johnson, Frank A., F. Weddemann, and E. Blankenberg, Danville, Ill. Automatic sign-exhibitor.....	848,657	Apr. 2	70	17	127	1602
Johnson, Frank B., Hays, Kans., and J. C. Caps, Kansas City, Mo., assignors to Farmers Auto Motor Company. Motor-truck.....	841,691	Jan. 22	3807	829	126	1091
Johnson, Frank C., Portland, Me. Ink-saving adjustment.....	849,685	Apr. 9	2104	433	127	2158
Johnson, Frank P., Danville, Pa. Garment-hanger.....	869,245	Oct. 29	3197	880	130	2393
Johnson, Frank V., et al. (See Mentzer, Claude E., assignor.)						
Johnson, Fred W., Edmore, Mich. Cement-block machine.....	858,605	July 2	423	110	129	150
Johnson, Frederick I., Barrington, R. I. Electric alarm.....	872,430	Dec. 3	238	47-8	131	1205
Johnson, Frederick M., San Francisco, Cal. Treating ores.....	873,943	Dec. 17	3331		131	1773
Johnson, Frederick S., assignor to Merriam Manufacturing Company, Durham, Conn. Box-fastener.....	869,908	Nov. 5	51	15	131	18
Johnson, Frederick W., Waltham, Mass. Non-refillable bottle.....	856,406	June 11	1923	397	128	2217
Johnson Furnace and Engineering Company. (See Johnson, Alfred E., assignor.)						
Johnson, George A., Paterson, assignor to B. A. Hegeman, Jr., North Plainfield, N. J. Car-truck bolster.....	854,360	May 21	4014	830	128	1099
Johnson, George P., Story City, Iowa. Veterinary appliance.....	855,007	May 28	5307	1103	128	1453
Johnson, Godfrey B., London, England. Machine for corrugating sheet metal.....	855,908	Sept. 10	1806	503-4	130	594
Johnson, Gustave A. (See Allen and Johnson.)						
Johnson, Guy R., Clarksville, Tenn. Blast-furnace-charging apparatus.....	853,016	May 7	1330	277-8	128	338
Johnson, Hadfield E., Axel, Minn. Harvester attachment.....	840,338	Jan. 1	1101	239	126	294
Johnson, Harry C., and O. Steidel, Washington, D. C. Non-refillable bottle.....	871,702	Nov. 19	3228	799	131	896
Johnson, Henry, Detroit, Mich. Refrigerator.....	872,655	Dec. 3	710	148	131	1279
Johnson, Henry E., Yeadon, Pa. Fan.....	854,359	May 21	4013	830	128	1099
Johnson, Henry H., Avoca, Iowa. Air-ship.....	840,339	Jan. 1	1102	239-40	126	294
Johnson, Henry J., and T. J. Larkin, Lowell, Mass. Market-box display-case.....	871,802	Nov. 26	3446	846	131	960
Johnson, Henry V., et al. (See Linton, Ernest O., assignor.)						
Johnson, Henry V., Denver, Colo. Liquid-measuring device.....	875,181	Dec. 31	5886	1227	131	2235
Johnson, Iver, Bellingham, Wash. Lock mechanism for doors.....	870,238	Nov. 5	574	154-5	131	188
Johnson, James H. (See Cullen and Sjolander, assignors.)						
Johnson, James T., Memphis, Tenn. Automobile air-brake.....	872,732	Dec. 3	875	181	131	1304
Johnson, James T., Memphis, Tenn. Air-guide or steering device for automobiles.....	872,820	Dec. 3	1044	219	131	1333
Johnson, James W., Chicago, Ill. Receipt-supporting device.....	859,298	July 9	1517	406	129	543
Johnson, Jay M., Chicago, Ill., assignor to C. H. Birdsall, Washington, D. C. Counting-machine.....	875,585	Dec. 31	6666	1391-2	131	2363

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Johnson, Jephtha L., and T. Reynolds, Nicholasville, Ky. Heating-stove.....	849,546	Apr. 9	1857	377	127	2097
Johnson, Jesse H., New Paris, Ohio. Corn-harvesting machine.....	872,821	Dec. 3	1046	219-21	131	1333
Johnson, Johan H. S., assignor to Aktiebolaget Celtic, Malmö, Sweden. Packing-case.....	873,866	Dec. 17	3194	680	131	1748
Johnson, John, Duluth, Minn. Grain-car door.....	844,024	Feb. 12	2318	496	126	2406
Johnson, John, Salt Lake City, Utah. Axle-spindle-turning machine.....	857,242	June 18	3496	738-9	128	2651
Johnson, John A., Tacoma, Wash. Apparatus for loading coal into vessels.....	865,203	Sept. 17	2251	628	130	764
Johnson, John D. A., Omaha, Nebr. Mechanical movement.....	843,823	Feb. 12	1929	413-14	126	2311
Johnson, John D. A., Omaha, Nebr. Mechanical movement.....	861,658	July 30	5182	1422-3	129	1829
Johnson, John E., Ishpeming, Mich. Pipe-hanger.....	840,337	Jan. 1	1100	239	126	294
Johnson, John E., Seattle, Wash. Snap-hook.....	854,293	May 21	3901	804	128	1069
Johnson, John G., <i>et al.</i> , executors. (See Sellers and Coppage.)						
Johnson, John H., Winnipeg Junction, Minn. Boring-tool.....	858,293	June 25	5568	1191	128	3206
Johnson, John P. (See Moore and Johnson.)						
Johnson, John P., Storden, Minn. Draft-forcing device.....	855,460	June 4	37	8	128	1704
Johnson, John W., Leavenworth, Kans. Air moistener or evaporator.....	842,955	Feb. 5	224	50	126	1845
Johnson, John W., Leavenworth, Kans. Gate.....	860,670	July 23	3630	995-6	129	1296
Johnson, John W., Leominster, Mass. Woodworking-machine.....	860,872	July 23	3934	1078	129	1394
Johnson and Johnson. (See Clark, Arthur W., assignor.)						
Johnson and Johnson. (See Lee, John E., assignor.)						
Johnson, Joseph C., Fort Ramson, N. D. Penholder.....	841,873	Jan. 22	4195	904	126	1191
Johnson, Joseph H., near Elmwood, assignor of one-half to T. L. Galpin, Galesburg, Ill. Harrow.....						
Johnson, Joseph S., Lodi, Ohio. Gate.....	867,731	Oct. 8	763	214	130	1566
Johnson, Julius, Mesa, Ariz. Ter. Ore-mill.....	845,419	Feb. 26	5371	1140	126	3242
Johnson, Lewis, assignor of one-half to E. Kidd, Ruston, La. Combination plow-blade.....	851,757	Apr. 30	6118	1278-9	127	3282
Johnson, Lewis J., Springbay, Ill. Grain-renovator.....	845,176	Feb. 26	4886	1036	126	3122
Johnson, Madison L., Galena, Ill. Vehicle.....	846,211	Mar. 5	994	213	127	253
Johnson, Manander M., Clay Center, Nebr. Regulator-support for incubators.....	861,988	July 30	5685	1577-8	129	1979
Johnson, Martin. (See Smith and Johnson.)	854,648	May 21	4549	950	128	1230
Johnson, Mary E., trustee. (See Cobb, Lyman H., assignor.)						
Johnson, Mary E., executrix. (See Johnson, Warner.)						
Johnson, Milton, assignor of one-half to J. B. Anderson, Danville, Va. Overalls.....	850,013	Apr. 9	2680	562	127	2304
Johnson, Montgomery H., Utica, N. Y. Electrically-heated can-capping machine.....	872,656	Dec. 3	712	148	131	1279
Johnson, Moses E., Pittsburg, Pa. Fence-stretcher.....	848,375	Mar. 26	5340	1162	127	1432
Johnson, Moses E., Pittsburg, Pa. Corkscrew.....	860,138	July 16	2807	766	129	994
Johnson, Moses E., Pittsburg, Pa. Wire-stretcher.....	860,139	July 16	2808	766	129	994
Johnson, Nels, Chicago, Ill. Hand-power propeller.....	840,944	Jan. 8	2322	510	126	633
Johnson, Nels, Spokane, Wash. Furnace.....	849,686	Apr. 9	2104	433	127	2158
Johnson, Nels J., Wallingford, Iowa. Head-rest.....	870,179	Nov. 5	470	129	131	154
Johnson, Nelson, Chicago, Ill. Thread-guide.....	873,944	Dec. 17	3332	710	131	1773
Johnson, Nelson B., Webster, Mass. Siphon-valve for closet-cisterns.....	873,943	Dec. 17	3333	710	131	1773
Johnson, Ole J. (See Olsen and Johnson.)						
Johnson, Oliver J., Wheeling, W. Va. Machine for edging can-caps with solder rims.....	860,302	July 16	3045	834-5	129	1070
Johnson, Oliver O., Windom, Minn. Mail-transportation system.....	846,313	Mar. 5	1175	258	127	297
Johnson, Oliver W., assignor to Cleveland Folding Machine Company, Cleveland, Ohio. Machine for folding letters and the like.....	861,187	July 23	4419	1213-14	129	1552
Johnson, Oscar L., assignor of one-half to J. Glossinger, Chicago, Ill. Cigar-moistener.....	872,068	Nov. 26	4067	975	131	1049
Johnson, Otto, Beatty, Nev. Non-refillable bottle.....	865,251	Sept. 3	746	212	130	226
Johnson, Otto T., Jamestown, assignor, by mesne assignments, to U. S. Standard Voting Machine Co., Rochester, N. Y. Voting-machine.....	865,393	Sept. 10	987	283	130	328
Johnson, Peter B., Chicago, Ill., assignor of one-half to J. R. Craig, Thayer, Ind. Gas-machine.....	866,587	Sept. 17	2805	785-6	130	939
Johnson, Philip L., Somerville, assignor to Crosby Steam Gage and Valve Company, Boston, Mass. Registering-counter.....	873,754	Dec. 17	2958	627	131	1710
Johnson, Ragnar, Worcester, Mass. Driving appliance for speed-meters.....	868,786	Oct. 22	2496	687-8	130	2148
Johnson, Reinhold, Cahuenga, Cal. Dumping mechanism for wagons.....	842,151	Jan. 22	4740	1013	126	1321
Johnson, Richard, Sr., Freeport, Ill. Coupling for traction-engines.....	844,522	Feb. 19	3356	724	126	2703
Johnson, Robert C., and M. H. Myers, Leicester, England. Curtain-rod.....	872,665	Dec. 3	528	110	131	1249
Johnson, Robert L., Murfreesboro, Tenn. Governor.....	840,340	Jan. 1	1104	240	126	295
Johnson, Robert T. (See Hoover, William N., assignor.)						
Johnson, Samuel. (See Seierup, Theodor M. E., assignor.)						
Johnson, Seward T., and C. Y. Roop, Oakland, Cal. Oil-burner.....	865,783	Sept. 10	1598	452	130	519
Johnson, Sinclair J., Montclair, N. J. Journal-box and lid.....	842,152	Jan. 22	4741	1013	126	1322
Johnson, Swan P., Clinton, Iowa. Portable air-drill.....	863,030	Aug. 13	1495	406	129	2580
Johnson, Sylvester A., Lincoln, Nebr. Hoop for washboilers and the like.....	847,582	Mar. 19	3734	820	127	1005
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Box-magazine firearm.....	840,850	Jan. 8	2121	468	126	583
Johnson, Thomas C., assignor to Winchester Repeating Arms Company, New Haven, Conn. Cartridge-deflector for top-ejection guns.....	851,669	Apr. 30	5944	1242	127	3237
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Telescope attachment for guns.....	852,119	Apr. 30	6889	1439	127	3478
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Take-down gun.....	855,181	May 28	5677	1181	128	1547
Johnson, Thomas C., assignor to Winchester Repeating Arms Co., New Haven, Conn. Telescope-sight for firearms.....	870,295	Nov. 5	664	178	131	218
Johnson, Thomas J., Italy, Tex. Plow.....	841,530	Jan. 15	3484	752	126	978
Johnson, Thorwald, Chicago, Ill. Barrel-hoop former.....	849,400	Apr. 9	1559	316	127	2022
Johnson, Walker & Tolhurst. (See Cockren, Archibald C., assignor.)						
Johnson, Wallace C., Ivy, and W. B. Hurt, Stockton, Mo. Match-lighting device.....	874,682	Dec. 24	4867	1024	131	2048
Johnson, Wallace W., <i>et al.</i> (See Ward, Dell, assignor.)						
Johnson, Walter C., Colemans Hatch, England. Motor-cycle.....	846,212	Mar. 5	995	213	127	253
Johnson, Warner, deceased, Boston; M. E. Johnson, executrix, assignor, by mesne assignments, to J. E. Abbott, Watertown, Mass. Grate.....	866,588	Sept. 17	2806	786	130	939
Johnson, Warren S., Milwaukee, Wis. Steam-generator.....	854,649	May 21	4550	950	128	1231
Johnson, Warren S., Milwaukee, Wis. Condenser.....	854,650	May 21	4553	950	128	1231
Johnson, Warren S., Milwaukee, Wis. Apparatus for generating steam.....	858,656	July 2	522	134	129	181
Johnson, William, Fremont, Ohio. Combined brace and stretcher.....	855,641	June 4	376	78	128	1790
Johnson, William A., Yonkers, N. Y. Tennis-court marker.....	850,936	Apr. 23	4476	937	127	2842
Johnson, William E., Newburgh, N. Y. Cymbal and drum playing apparatus.....	863,998	Aug. 20	2953	813	129	3067
Johnson, William E., Rock Island, Ill. Cultivator.....	867,378	Oct. 1	232	67	130	1384
Johnson, William G., Kingfisher, Okla. Ter. Railway tie and chair.....	845,238	Feb. 26	5007	1064	126	3153
Johnson, William H., Terre Haute, Ind. Apparatus for aging whisky.....	864,896	Sept. 3	210	59	130	65
Johnson, William H., Brandon, Vt. Device for measuring heights of persons.....	865,709	Sept. 10	1484	419	130	482
Johnson, William H., assignor of one-half to E. J. Sweet, Miami, Fla. Automatic steam-cooker.....	867,660	Oct. 8	660	186	130	1534

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Johnson, William P., Kerrmoor, Pa. Rail-fastener.....	840,219	Jan. 1	875	189	126	237
Johnson, William T., New York, N. Y. Return-envelop.....	868,273	Oct. 15	1648	465	130	1861
Johnson, Woolsey M., Iola, Kans. Metallurgical condenser.....	851,520	Apr. 23	5619	1177	127	3124
Johnson, Woolsey M., Iola, Kans. Treating ferruginous blende.....	868,345	Oct. 15	1772	.....	130	1896
Johnson, Adam L., Wimbledon, England. Knife-cleaning machine.....	859,563	July 9	1927	519	129	677
Johnson, Allen, Ottumwa, Iowa. Grinding-machine.....	850,014	Apr. 9	2680	562-3	127	2304
Johnson, Alva S., Belgrade, Mont. Hay and grain loader.....	853,797	May 14	2876	591	128	772
Johnson, Andrew, assignor to Massey-Harris Company, Limited, Toronto, Ontario, Canada. Manure-spreader.....	865,182	Sept. 3	633	179-81	130	192
Johnson, August, Brooklyn, N. Y. Open-side planer.....	852,329	Apr. 30	7258	1525-6	127	3570
Johnson, Clarence L., San Francisco, assignor of one-half to H. P. Brown, Alameda, Cal. Sheet-delivery apparatus.....	871,412	Nov. 19	2667	679-80	131	804
Johnson, Clarence S., Glendive, Mont. Hay gatherer and dropper.....	862,335	Aug. 6	372	102-3	129	2200
Johnson, David E., Los Angeles, Cal. Potato-masher.....	875,530	Dec. 31	6562	1370	131	2345
Johnson, Edgar F., Schellsburg, Pa. Flexible shafting.....	861,659	July 30	5184	1423	129	1829
Johnson, Edward A., Sterling, Ill. Harvester.....	845,873	Mar. 5	288	58-9	127	74
Johnson, Edward A., Sterling, Ill., assignor to International Harvester Company. Changeable-speed gearing.....	843,609	Feb. 12	1546	327-8	126	2212
Johnson, Edward A., Sterling, Ill., assignor to International Harvester Company. Hay-loader.....	843,610	Feb. 12	1549	328	126	2212
Johnson, Edward A., Sterling, Ill., assignor to International Harvester Company. Hay-loader.....	843,824	Feb. 12	1932	414	126	2312
Johnson, Edward A., Sterling, Ill., assignor to International Harvester Company. Cooler for explosive-engines.....	844,677	Feb. 19	3899	824	126	2830
Johnson, Edward A., Sterling, Ill., assignor to International Harvester Company. Hay-loader.....	851,670	Apr. 30	5945	1242-3	127	3237
Johnson, Edward A., Sterling, Ill., assignor to International Harvester Company. Seed-dropping mechanism for corn-planters.....	865,307	Sept. 3	833	240	130	252
Johnson, Edward E., assignor to Mound City Roofing Tile Company, St. Louis, Mo. Roofing-tile.....	844,453	Feb. 19	3191	689	126	2663
Johnson, Edward H., Philadelphia, Pa. Bridge and railway-rail lock and signal.....	852,959	May 7	1202	248	128	306
Johnson, Frank, <i>et al.</i> (See Cadwell, Edwin B., assignor.).....	.....	.....	.....	.....	.....	.....
Johnson, George, Liverpool, England. Central buffer and coupling.....	875,434	Dec. 31	6385	1331	131	2315
Johnson, George E., Denver, Colo. Window-shade fastener.....	848,175	Mar. 26	4933	1077	127	1333
Johnson Harvester Company (See Maul, Christian, assignor.).....	.....	.....	.....	.....	.....	.....
Johnson, Herbert L., assignor to Hobart Electric Manufacturing Company, Troy, Ohio. Driving mechanism.....	864,786	Sept. 3	33	10	130	13
Johnson, Horace C., assignor of one-half to W. P. and J. W. Sturm, Corsicana, Tex. Hydraulic swivel. (Reissue).....	12,732	Dec. 17	4247	895	131	1915
Johnson, Horace G., and J. B. Norris, assignors to American Well & Prospecting Co., Corsicana, Tex. Hydraulic swivel.....	873,669	Dec. 10	2762	586	131	1648
Johnson, James, Medford, Mass. Box-cover opener.....	854,893	May 28	5098	1059	128	1402
Johnson, James B., Philadelphia, Pa. Ice-making machine.....	861,730	July 30	5289	1455	129	1858
Johnson, John. (See Bulmer, George D., assignor.).....	.....	.....	.....	.....	.....	.....
Johnson, John. (See Potter and Johnston.).....	.....	.....	.....	.....	.....	.....
Johnson, John P., Evanston, Ill. Rubber-tired wheel.....	844,728	Feb. 19	4007	853	126	2857
Johnson, Joseph E., Ardmore, Pa. Wind-shield for vehicles.....	840,851	Jan. 8	2122	468	126	583
Johnson, Norman M. (See Foote and Johnston.).....	.....	.....	.....	.....	.....	.....
Johnson, Norton W. (See Turner and Johnston.).....	.....	.....	.....	.....	.....	.....
Johnson Novelty & Mill Specialty Company. (See Firsching, Joseph A., assignor.).....	.....	.....	.....	.....	.....	.....
Johnson, Perry. (See Clare and Johnston.).....	.....	.....	.....	.....	.....	.....
Johnson, Robert C., Newport, Ky. Steam-trap.....	843,019	Feb. 5	364	79	126	1884
Johnson, Robert P., Asheville, N. C. Document-file.....	872,657	Dec. 3	714	148	131	1280
Johnson, Robert T., Taunton, Mass. Adjustable tool.....	852,274	Apr. 30	7164	1503	127	3548
Johnson, Robert T., Plainfield, N. J., assignor, by mesne assignments, to Detroit Trust Co., trustee, Detroit, Mich. Printing-press.....	841,980	Jan. 22	4390	947	126	1236
Johnson, Robert T., Plainfield, N. J., assignor to Campbell Printing Press & Manufacturing Company, New York, N. Y. Inking apparatus.....	875,079	Dec. 31	5685	1186	131	2202
Johnson, Samuel C., Salem, Ohio. Extension-ladder.....	862,971	Aug. 13	1406	382	129	2552
Johnson, Theophilus, East Orange, N. J. Cornice-protector.....	874,510	Dec. 24	4540	954	131	1991
Johnson, Thomas A., Chadron, Nebr. Rod-packing.....	872,132	Nov. 26	4194	1002	131	1071
Johnson, Torbett H., Kansas City, Mo. Garbage-receptacle.....	870,887	Nov. 12	1616	443	131	555
Johnson, Walter R., assignor to Walter R. Johnston Manufacturing Company, New York, N. Y. Fire-extinguishing apparatus.....	874,600	Dec. 24	4702	988	131	2021
Johnson, William A., Sandy Bay, Hobart, Tasmania, Australia. Culinary scraper.....	875,435	Dec. 31	6386	1331	131	2315
Johnson, William G., Woodbury, N. J., assignor, by mesne assignments, to American Paper Goods Company, Kensington, Conn. Mechanism for feeding sheet material.....	854,040	May 21	3397	701	128	938
Johnstone, Robert K., Salem, Mass., assignor to A. C. Lawrence Leather Company. Machine for buffing strips of leather.....	868,667	Oct. 22	2311	641	130	2091
Johnstone, Thomas, Muskegon, Mich. Prospecting-tool.....	861,859	July 30	5495	1516	129	1921
Jolliffe, N. T. (See Carey, William, assignor.).....	.....	.....	.....	.....	.....	.....
Jolly, Asa Seward, Kans. Disk cultivator.....	853,798	May 14	2880	592	128	773
Jomini, Nikolaus, St. Petersburg, Russia. Means for removing sand-bars in water-courses, &c.....	861,123	July 23	4332	1188	129	1524
Jonah & George. (See Jonah, William S., assignor.).....	.....	.....	.....	.....	.....	.....
Jonah, William S., assignor to Jonah & George, Merrimac, Mass. Carriage-curtain fastener.....	874,083	Dec. 17	3677	773	131	1818
Jonas, Theodore, Republic, Mo. Building-wall construction.....	857,628	June 25	4252	898	128	2873
Jones, Albert E., East Orange, N. J. Tracing or marking tool.....	846,569	Mar. 12	1722	379	127	467
Jones, Albert F., Salem, Mass. Stone-cutting machine.....	845,095	Feb. 26	4731	1003-4	126	3082
Jones, Albert F., Salem, Mass. Stone-dressing machine.....	847,339	Mar. 19	3228	711-12	127	872
Jones, Albert F., Salem, Mass. Stone-cutting machine.....	852,562	May 7	383	69	128	101
Jones, Albert F., Salem, Mass. Stone-cutting machine.....	863,851	Aug. 20	2740	754	129	3003
Jones, Albert F., assignor to A. F. Jones Company, Salem, Mass. Stone-cutting machine.....	850,113	Apr. 9	2877	602	127	2351
Jones, Albert F., Wautoma, and B. J. Evans, New London, Wis. Attachment for cream-separators.....	866,865	Sept. 24	3241	911-12	130	1110
Jones, Albert M., Hagerstown, Md. Railway-cross-over.....	852,723	May 7	704	137	128	185
Jones, Alexander N., San Diego, Cal. Current-operated water-elevator.....	855,855	June 4	807	168	128	1898
Jones, Alfred E., New York, N. Y. Steam-boiler.....	868,274	Oct. 15	1649	466	130	1861
Jones, Allan H., Orange, assignor, by mesne assignments, to Tea Tray Company, Newark, N. J. Horn-support.....	860,303	July 16	3049	835	129	1071
Jones, Almon O., Battle Creek, Mich. Hot-air-register attachment.....	852,063	Apr. 30	6784	1412	127	3453
Jones, Alva D., Louisville, Ky., assignor of fifty and one-half one-hundredths to T. Harris, W. O. Bradley, and J. Gayle, twenty one-hundredths to F. A. Fuller, E. D. and A. G. Martin, and seven one-hundredths to J. C. Strother. Electrically signaling from moving trains.....	863,609	Aug. 20	2381	653-4	129	2887
Jones, Arthur, and A. Gregg, Rock Falls, Ill. Paper-stock-refining machine.....	874,344	Dec. 17	4183	881	131	1904

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Jones, Arthur O., New Brancepeth, England. Coke-oven.....	875,436	Dec. 31	6387	1331-2	131	2315
Jones, Belden D., Chicago, Ill. Car-door hanger.....	855,182	May 28	5679	1181	128	1548
Jones, Benjamin N., East Orange, assignor to Marine Engine & Machine Company, Harrison, N. J. Automatic control system for elevators, &c.....	850,937	Apr. 23	4478	937	127	2842
Jones, Budd J., Cincinnati, Ohio. Ground-plate.....	873,375	Dec. 10	2221	462	131	1551
Jones, Budd J., Chicago, Ill., assignor to Westinghouse Electric & Manufacturing Company. Supporting device for electric conductors.....	851,671	Apr. 30	5947	1243	127	3238
Jones, Calvin A., Trilby, Fla. Rail-adjuster.....	850,652	Apr. 16	3933	822	127	2667
Jones, Charles A., St. Louis, Mo. Davenport-bed.....	840,852	Jan. 8	2123	469	126	583
Jones, Charles A., Windsor, Vt. Curtain-display rack.....	861,466	July 30	4900	1345	129	1738
Jones, Charles E., assignor to Dressel Railway Lamp Works, New York, N. Y. Bracket for electric headlights.....	864,542	Aug. 27	3825	1060	129	3369
Jones, Charles S., Marion, Ind. Measuring-pump.....	869,246	Oct. 29	3198	880	130	2393
Jones, Charles S., Marion, Ind. Self-measuring pump.....	872,943	Dec. 3	1307	277	131	1373
Jones, Charles W., and W. L. Meredith, Oskaloosa, Iowa. Combination blacking-brush.....	871,170	Nov. 19	2128	570	131	722
Jones, Chauncey, Holyoke, Mass. Water-feeding apparatus.....	862,562	Aug. 6	787	210	129	2328
Jones Cold Store Door Co. (See Lowman, Samuel K., assignor.)						
Jones, D. G., et al. (See Brodton, Edward R., assignor.)						
Jones, David W., Athens, Ohio. Cage.....	855,784	June 4	660	135	128	1863
Jones, Edward A., Pittsfield, Mass. Beating-engine.....	841,981	Jan. 22	4392	947	126	1237
Jones, Edward A., Pittsfield, Mass. Driving mechanism for paper-refining engines.....	845,302	Feb. 26	5150	1093	126	3189
Jones, Edward N., Victor, Colo. Rock-drill.....	871,594	Nov. 19	3040	757	131	864
Jones, Everett R. (See Fitzpatrick and Jones.)						
Jones, Florentine A., Boston, Mass. Clockwork for recording instruments.....	867,732	Oct. 8	764	214	130	1566
Jones, Frank, executor. (See Kiser, Jacob J.)						
Jones, Frank R. (See Morenus and Jones.)						
Jones, Frank R., Worcester, Mass. Construction of carrier-bar mechanisms for twisting and spinning machines.....	851,672	Apr. 30	5950	1243	127	3238
Jones, Fred L. (See Douglass and Jones.)						
Jones, Fred L., et al. (See Patton, Oliver C., assignor.)						
Jones, George P., Emporium, Pa. Machine for forming a cartridge from explosive gelatin.....	869,307	Oct. 29	3297	908	130	2424
Jones, George W., Livingston, Mont. Hay-loader.....	859,386	July 9	1670	444-5	129	593
Jones, Griffl L., Ridley Park, Pa., assignor of one-half to E. L. Dillman, Jamaica, N. Y. Duplex blow-off valve.....	858,987	July 2	1062	279	129	363
Jones, Harry, Washington, D. C. Valve.....	839,854	Jan. 1	95	23	126	27
Jones, Harry, Washington, D. C. Valve.....	839,855	Jan. 1	96	23	126	28
Jones, Harry, Washington, D. C. Pump.....	840,064	Jan. 1	547	118	126	146
Jones, Harry, Washington, D. C. Hydraulic and pneumatic apparatus.....	840,065	Jan. 1	548	119	126	146
Jones, Harry, Chicago, Ill., assignor to American Brake Shoe & Foundry Company, Jersey City, N. J. Casting-machine.....	850,653	Apr. 16	3935	822	127	2668
Jones, Harry S., et al. (See Barsachs, William M., assignor.)						
Jones, Helena J., Baltimore, Md. Electrically-operated signal for railways.....	869,785	Oct. 29	4063	1121	130	2655
Jones, Henry P., Braintree, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Girder.....	861,860	July 30	5496	1516-17	129	1922
Jones, Herbert A., Hinrods, N. Y. Manufacturing tattooing-dies.....	860,140	July 16	2809	767	129	995
Jones, Herbert J. (See Wallace and Jones.)						
Jones, Hilles C. (See Bateman and Jones.)						
Jones, Horacé K., Hartford, assignor to Corbin Screw Corporation, New Britain, Conn. Metal-working dies.....	861,289	July 30	4604	1258	129	1648
Jones, Horace K., Hartford, assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Machine for rolling carpenters' squares.....	869,850	Oct. 29	4154	1147	130	2683
Jones, Horace K., assignor to Corbin Screw Corporation, New Britain, Conn. Forming boot-calks.....	862,641	Aug. 6	909	244	129	2366
Jones, Howard, Mount Airy, Pa. Smoker's pipe.....	864,307	Aug. 27	3424	952	129	3240
Jones, Howard S. (See Kelley, William V. D., assignor.)						
Jones, Hugh L., Ione, Ark. Gate.....	853,088	May 7	1451	303-4	128	367
Jones Improved Loose Leaf Specialty Company. (See Mogland, Nels F., assignor.)						
Jones, Ira C., assignor to Minneapolis Brick & Tile Co., Minneapolis, Minn. Brick-drier.....	844,806	Feb. 19	4169	888-9	126	2901
Jones, Isaac W. (See Robertson and Jones.)						
Jones, Isaac W., Gap, Tex. Animal-trap.....	868,568	Oct. 15	2118	593	130	2003
Jones, James E., Richmond, Ind. Pipe-hanger.....	864,897	Sept. 3	213	59	130	66
Jones, James F., Maquoketa, Iowa. Device for facilitating the laying of pipes.....	862,972	Aug. 13	1408	383	129	2552
Jones, James J., New York, N. Y. Broiler.....	850,654	Apr. 16	3937	822	127	2668
Jones, James M. (See Miley, William, assignor.)						
Jones, James M., Dundas, Ontario, Canada. Guard for planers or jointers.....	856,588	June 11	2270	467	128	2303
Jones, James N. (See Smith and Jones.)						
Jones, James T., Columbus, Ohio. Mail-bag catching and delivering mechanism.....	856,407	June 11	1930	397	128	2217
Jones, James W., et al. (See Dunn and Taylor, assignors.)						
Jones, Jefferson D., Brownwood, Tex. Heating system.....	852,064	Apr. 30	6785	1412	127	3453
Jones, Jefferson D., Temple, Tex. Rail-joint.....	856,882	June 11	2808	585	128	2438
Jones, Jesse E., West Middleton, Ind. Stable appliance.....	853,174	May 7	1597	332	128	404
Jones, John A., Cincinnati, Ohio. Structural reinforced concrete.....	848,105	Mar. 26	4824	1052	127	1305
Jones, John B., Bridgeport, Conn. Feeding and watering device for poultry and animals.....	866,472	Sept. 17	2645	738-9	130	890
Jones, John E., et al. (See Seiler, Philipp, assignor.)						
Jones, John G., Carthage, N. Y. Making sulfur dioxide.....	872,822	Dec. 3	1055	221	131	1334
Jones, John I. (See Porter and Jones.)						
Jones, John J., Monticello, Ga. Fertilizer-distributor.....	874,205	Dec. 17	3913	824	131	1859
Jones, John T., Iron Mountain, Mich. Ore-reducing furnace.....	866,280	Sept. 17	2368	659	130	803
Jones, John W. (See Magoon, Augustus, assignor.)						
Jones, Jonathan S., West Bend, Iowa, assignor of one-half to N. Y. Hasley, Peoria, Ill. Railway-switch.....	874,011	Dec. 17	3461	737	131	1794
Jones, Joseph L., Kizer, Tenn. Train-controlling apparatus.....	863,540	Aug. 13	2264	614	129	2821
Jones, Joseph L., Kizer, Tenn. Wireless signaling system.....	869,714	Oct. 29	3957	1091-2	130	2624
Jones, Joshua J., Avalon, Pa. Gear-wheel.....	870,106	Nov. 5	352	98-9	131	117
Jones, Josiah L., New Castle, N. H. Stump-puller.....	851,521	Apr. 23	5620	1177-8	127	3125
Jones-Julia Mfg. Co. (See Jones, William, assignor.)						
Jones, Lee A., Covington, Va. Shears.....	846,854	Mar. 12	2289	504	127	613
Jones, Llewellyn W., Sewickley, assignor to Pittsburgh Filter Manufacturing Company, Pittsburgh, Pa. Water-softener.....	871,225	Nov. 19	2236	590	131	740
Jones, Llewellyn W., Sewickley, assignor to Pittsburgh Filter Manufacturing Company, Pittsburgh, Pa. Water-softener apparatus.....	871,226	Nov. 19	2237	591	131	740
Jones, Louis A., Cambridge, assignor to American Circular Loom Co., Chelsea, Mass. Conduit.....	840,066	Jan. 1	550	119	126	147
Jones, Louis A., Cambridge, Mass., assignor to American Novel Machine Company. Amusement apparatus.....	841,783	Jan. 22	4000	864	126	1141

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Jones, Monrowe W., Ardmore, Ind. Ter. Saw-filing machine.....	845,359	Feb. 26	5260	1115-16	126	3215
Jones, Quince R., Yosemite, Ky. Insect-trap.....	841,531	Jan. 15	3485	752	126	978
Jones, Ralph H., assignor to J. F. Burke, Pittsburg, Pa. Corner-post construction for show-windows.....	841,324	Jan. 15	3089	668	126	874
Jones, Richard, Bay City, Mich. Vehicle-wheel.....	857,629	June 25	4253	898	128	2873
Jones, Richard D. (See Elliott, Edward, assignor.).....						
Jones, Richard E., Hagerstown, Md. Ice-door.....	849,687	Apr. 9	2106	433	127	2159
Jones, Robert C., New Cumberland, W. Va. Automatic feeding mechanism for temper-screws.....	852,120	Apr. 30	6890	1439-40	127	3478
Jones, Robert M., Lathrop, Cal. Cultivator-guide.....	864,170	Aug. 27	3219	892	129	3176
Jones, Robert V. (See Bedford, Milton T., assignor.).....						
Jones, Rodney O., Granite City, Ill. Machine for removing gates and risers from cast-ings.....	867,884	Oct. 8	1009	288	130	1641
Jones, Samuel A., Deshler, Ohio. Tile-making machine.....	861,520	July 30	4967	1365	129	1760
Jones, Samuel S. (See Searles and Jones.).....						
Jones, Stewart H., Buffalo, N. Y. Journal-bearing.....	866,035	Sept. 17	2008	560	130	687
Jones, Sylvester H., and E. E. Towle, Richmond, Ind., assignors to American Seeding Machine Company, Springfield, Ohio. Corn-planter.....	843,020	Feb. 5	366	79-80	126	1884
Jones, Theodore N., Boulder, Colo. Sash-holder.....	869,437	Oct. 29	3510	964	130	2489
Jones, Thomas, Hampton-in-Arden, England. Wheel for vehicles.....	848,747	Apr. 2	253	51	127	1651
Jones, Thomas, Acme, Tex. Cement.....	853,175	May 7	1598	.....	128	404
Jones, Thomas A., Stamford, Tex. Baling-press.....	872,431	Dec. 3	240	48	131	1206
Jones, Thomas E., Guinea, Va. Fence-post.....	841,532	Jan. 15	3487	753	126	978
Jones, Thomas E., Cincinnati, Ohio. Device for cutting piston-packing or the like.....	842,556	Jan. 29	5628	1190	126	1584
Jones, Thomas E., assignor of one-half to C. P. Arnold, Chicago, Ill. Dish-washer.....	855,785	June 4	662	135	128	1864
Jones, Thomas L., Hamburg, Germany. Compressed-air motor.....	874,771	Dec. 24	5042	1062	131	2077
Jones, Thomas R., Wilkes-Barre, Pa. Miner's-lantern holder.....	860,097	July 16	2747	750	129	972
Jones, Thomas W. (See Beckwith, Frank A., assignor.).....						
Jones, Virgil V., Hudson, S. D. Car-replacer.....	859,229	July 9	1417	376	129	511
Jones, Walter A., Coolidge, Ga. Grading-machine for building and repairing roads.....	854,894	May 28	5099	1059-60	128	1402
Jones, Walter C., and G. E. Perry; said Perry; assignor to Perry Time Stamp Company, Chicago, Ill. Time-stamp.....	852,563	May 7	385	70	128	101
Jones, Walter C., and G. E. Perry; said Perry assignor to Perry Time Stamp Company, Chicago, Ill. Time-stamp.....	861,521	July 30	4968	1365	129	1760
Jones, Walter H., assignor of one-half to F. Teden, Brooklyn, N. Y. Glazier's point.....	861,188	July 23	4423	1214	129	1553
Jones, Walter L., Steevensville, Mich. Concrete-mixer.....	860,031	Oct. 16	2655	722	129	943
Jones, Walter W., Columbus, Ga. Basket-grate.....	868,188	Oct. 15	1504	426	130	1816
Jones, Willard, Auburn, Me. Curtain-bracket.....	845,420	Feb. 26	5373	1140	126	3242
Jones, Willard, Auburn, Me. Strainer.....	864,787	Sept. 3	34	11	130	13
Jones, William, Minneapolis, Minn. Stay-bolt clutch.....	854,169	May 21	3663	757	128	1004
Jones, William, assignor to Jones-Julia Mfg. Co., New York, N. Y. Apparatus for analyzing gases.....	854,696	May 21	4660	971	128	1258
Jones, William D. (See Martin and Jones.).....						
Jones, William D. (See Parker and Jones.).....						
Jones, William F., Little Falls, N. J., assignor to Claremont Iron Works Company. Bucket or conveyor.....	865,045	Sept. 3	442	119	130	135
Jones, William G., et al. (See Barsachs, William M., assignor.).....						
Jones, William H., Homestead, assignor of one-fourth to A. F. Mitchell, Homeville, Pa. Ink-eraser.....	840,131	Jan. 1	702	150	126	192
Jones, William H. W., Waverly, N. Y. Non-refillable bottle.....	849,246	Apr. 2	1265	256	127	1911
Jones, William J., Heron Lake, Minn. Rotary engine.....	859,068	July 2	1170	315	129	396
Jones, William L., Newark, N. J. Rolling-machine.....	872,733	Dec. 3	877	181-2	131	1305
Jones, William O. (See Brower, Rose, and Jones.).....						
Jones, William T. (See Doak, Egbert O., assignor.).....						
Jones, William T., Hamilton, Ontario, Canada. Ambulatory wheel.....	856,259	June 11	1574	330	128	2126
Jones, William W., Granada, Colo. Collapsible dam.....	843,397	Feb. 5	1112	232	126	2071
Jonkerougou, Renier E. H., Billancourt, assignor to La Société Anonyme du Chryso-Cerame, Paris, France. Manufacture of glass articles.....	845,552	Feb. 26	5627	.....	126	3305
Jonson, Johan A. (See Nilsson and Jonson.).....						
Jonsson, Carl P. J. (See Thompson, Lars O. T., assignor.).....						
Jonte, Peter N., Cincinnati, Ohio. Crank mechanism for steam and other engines.....	852,960	May 7	1203	248-9	128	306
Joor, Samuel E., Morgan Park, Ill., assignor, by mesne assignments, to Jeffrey Manufacturing Company. Conveyor.....	874,365	Dec. 17	4225	890	131	1911
Jordalen, Ellsworth, Pleasant Springs, Wis. Gravity litter-carrier.....	864,649	Aug. 27	5989	1106	129	3418
Jordan Automatic Signal Company. (See Jordan and Hanchett, assignors.).....						
Jordan, Charles. (See Jacobi, Karl, assignor.).....						
Jordan, Christopher C. (See Jordan, William H., assignor.).....						
Jordan, Elmore C., Los Angeles, Cal. Means for filling lubricators.....	848,246	Mar. 26	5061	1107	127	1366
Jordan, Emma M., New York, N. Y. Corset.....	858,722	July 2	624	163	129	216
Jordan, Franz, Köthen, Germany. Compressed-air brake.....	871,509	Nov. 19	2881	722	131	836
Jordan, Fred B., Winchester, assignor to A. E. Martell Company, Boston, Mass. Temporary binder.....	860,919	July 23	4007	1098	129	1417
Jordan, Fred B., Winchester, assignor to A. E. Martell Company, Boston, Mass. Binder.....	869,090	Oct. 22	2958	816-17	130	2291
Jordan, Harry W., assignor to Semet-Solvay Company, Syracuse, N. Y. Preparing fuel briquets.....	857,287	June 18	3589	.....	128	2675
Jordan, Henry C. (See Hurley, John W., assignor.).....						
Jordan, Henry C., assignor of one-fourth to J. C. Griffith, seven-sixteenths to J. W. Hurley, and one-sixteenth to J. N. Sutton, Portland, Oreg. Car-fender.....	869,183	Oct. 22	3088	851	130	2335
Jordan, Herbert R. (See Tetlow, Joseph, assignor.).....						
Jordan, Joseph R., and C. B. Pate, Salemburg, N. C. Corn-planter.....	841,982	Jan. 22	4395	948	126	1237
Jordan, Michael. (See Gangelhoff and Jordan.).....						
Jordan, Orie F., Los Angeles, Cal. Nut-retainer for vehicle-axes.....	848,176	Mar. 26	4934	1077	127	1333
Jordan, Oswald F., Chicago, Ill. Unloading device.....	847,480	Mar. 19	3523	771	127	947
Jordan, Oswald F., Chicago, Ill. Railway-spreader.....	852,880	May 7	1045	215-17	128	266
Jordan, Otto B., Wonebec, Wis. Wrench.....	841,018	Jan. 8	2469	538	126	672
Jordan, Robert. (See Huff, Furman, assignor.).....						
Jordan, Thomas F. (See Cummings and Jordan.).....						
Jordan, Watson A., assignor to Standard Manufacturing Company, Bridgeport, Conn. Gear-cutting machine.....	844,729	Feb. 19	4008	854	126	2857
Jordan, William H., assignor of one-half to C. C. Jordan, New York, N. Y. Paper-ruling machine.....	860,386	July 16	3180	869	129	1115
Jordan, William H., Brooklyn, N. Y., and G. T. Hanchett, Hackensack, N. J., assignors to Jordan Automatic Signal Company, New York, N. Y. Railway-signal.....	866,281	Sept. 17	2370	659-60	130	803
Jordan, Willis H., Rogers Prairie, Tex. Gate.....	866,139	Sept. 17	2161	602	130	735
Jorde, William P., Wilmington, Del. Bustle attachment for skirts.....	848,554	Mar. 26	5660	1240	127	1513
Jorgensen, Hans V., Aarhus, Denmark. Hot-water heating apparatus.....	862,642	Aug. 6	911	244	129	2366

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Jørgensen, Jørgen, Copenhagen, Denmark. Water-purifying apparatus for feed-water in steam-boilers.....	861,989	July 30	5686	1578	129	1980
Jørgensen, Niels J. (See Mears, Jørgensen, and Paxton.)						
Jørgensen, Severin, Arcata, Cal. Die-stock.....	870,828	Nov. 12	1528	418	131	529
Jørgensen, Walter, assignor to Aktiebolaget Separator, Stockholm, Sweden. Spindle-bearing for centrifugal separators.....	864,470	Aug. 27	3674	1022	129	3323
Jose, Charles A., Argyle, Minn. Wagon-loader.....	854,651	May 21	4554	951	128	1232
Jose, Edward, Harrisville, W. Va. Wagon-box and hay-rack remover.....	870,561	Nov. 12	1083	296	131	383
Joseph, Max, Athens, Ga. Check-handling device.....	851,522	Apr. 23	5621	1178	127	3125
Josewski, Henry P., Seattle, Wash. Steam ice-cutter.....	856,348	June 11	1783	371	128	2178
Jossenberger, Victor E., assignor of one-half to P. W. Greenwall, Fort Worth, Tex. Illusion-boat.....	859,604	July 9	1991	537	129	699
Joshua Oldham and Sons. (See Hamilton, Charles E., assignor.)						
Joslin, Ralph J. (See Chase, James L., assignor.)						
Josling, Harold W. E., London, England. Non-refillable bottle.....	874,683	Dec. 24	4869	1024	131	2048
Jost, Carl, Bombay, India, assignor of two-thirds to F. C. Jenkins, Hamburg, Germany. Machine-driven ventilator.....	843,398	Feb. 5	1114	232	126	2071
Jost, William M., Chicago, Ill. Extension-table.....	841,784	Jan. 22	4003	865	126	1141
Jottrand, Auguste, <i>et al.</i> , guardians. (See Jottrand and Schmidt.)						
Jottrand, Felix, Uccle, near Brussels, Belgium. Apparatus for cutting metal articles....	866,866	Sept. 24	3242	912	130	1110
Jottrand, Felix, Uccle, near Brussels, and P. Sluys, Yvelles, Brussels, assignors to Société Anonyme l'Oxyhydrique Internationale, Brussels, Belgium. Hand-brace blowpipe.....	859,664	July 9	2084	563	129	728
Jottrand, Felix, deceased, Uccle, near Brussels, and F. Schmidt, Namur, Belgium; J. R. and A. Jottrand, guardians, assignors to Société Anonyme l'Oxyhydrique Internationale. Welding metals.....	874,084	Dec. 17	3678	774	131	1819
Jottrand, Julia R., <i>et al.</i> , guardians. (See Jottrand and Schmidt.)						
Jowitz, Josiah, Leeds, England. Vise.....	849,792	Apr. 9	2296	472	127	2208
Joy, Charles L., New Haven, Conn. Cutlery-grinding machine.....	844,870	Feb. 19	4286	914-15	126	2930
Joy, Charles L., New Haven, Conn. Cutlery-grinding machine.....	844,871	Feb. 19	4288	915	126	2930
Joy, Francisco D., Glendora, Cal. Paddle-wheel for boats.....	847,481	Mar. 19	3526	772	127	948
Joy, John M., assignor to Page Machine Company, New York, N. Y. Means for transmitting power.....	860,873	July 23	3935	1079	129	1394
Joyce, James, Jr., Sikeston, Mo. Steam-plow.....	863,999	Aug. 20	2954	813-14	129	3068
Joyce, James E., Hoboken, N. J. Arc-lamp hanger or support.....	851,009	Apr. 23	4602	964	127	2873
Joyce, Robert T., Mount Airy, N. C. Display-shelving.....	852,229	Apr. 30	7090	1482	127	3531
Joyner, A. J. (See Purvis and King, assignors.)						
Joyner, Syll L. Jr., West Monroe, La. Cooler.....	864,650	Aug. 27	3990	1107	129	3418
Joyner, William H., St. Margaret's-on-Thames, England. Stair-rod fastener.....	869,492	Oct. 29	3599	986	130	2516
Judd, Homer H. (See Leavenworth, Geroge W., assignor.)						
Judd & Leland Manufacturing Company. (See Funck, Jacob, assignor.)						
Judd, Wallace S. (See Avery and Judd.)						
Judd, William J., Park Ridge, N. J. Dumping-wagon.....	857,943	June 25	4879	1031	128	3029
Judd, William J., New York, N. Y., assignor to F. C. Austin, Chicago, Ill. Machine for mixing concrete and the like.....	840,067	Jan. 1	551	119-21	126	147
Judge, Charles R. (See Allison, James E., assignor.)						
Judge, Edward J., San Francisco, Cal. Peeling fruits and vegetables.....	850,655	Apr. 16	3938	823	127	2669
Judge, Edward J., San Francisco, Cal. Can-capping machine.....	809,091	Oct. 22	2960	817-18	130	2292
Judge, Edward J., and L. C. Dibert, San Francisco, Cal. Scalding and washer.....	847,781	Mar. 19	4145	905	127	1103
Judge, John L., New York, N. Y. Building-block.....	858,988	July 2	1063	279-80	129	363
Judson L. Thomson Mfg. Company. (See Bartel, William F., assignor.)						
Judson, Leamon H. (See Puttcamp and Judson.)						
Juengst, Charles A., Croton Falls, N. Y. Signature-conveying and wire-stitching machine.....	846,923	Mar. 12	2425	532-3	127	646
Juengst, Charles A., assignor to Higley Machine Company, Croton Falls, N. Y. Metal-sawing machine.....	849,793	Apr. 9	2299	472-3	127	2208
Juengst, Charles A., assignor to Higley Machine Company, Croton Falls, N. Y. Insertible teeth for saw-blades.....	861,368	July 30	4741	1295	129	1692
Juengst, Charles A., assignor to Higley Machine Company, Croton Falls, N. Y. Machine for sawing metal.....	864,424	Aug. 27	3594	999	129	3295
Juengst, Charles A., assignor to Higley Machine Company, Croton Falls, N. Y. Machine for sawing metals.....	870,180	Nov. 5	470	129	131	154
Juhász Josef, Szemlak, Austria-Hungary. Apparatus for teaching and learning arithmetic.....	856,068	June 4	1182	250	128	1992
Jules, Ole H. (See Amonsens, Gelbret, assignor.)						
Julihn, Louis G., Washington, D. C., assignor to Elliott-Fisher Company, New York, N. Y. Calculating-machine.....	856,349	June 11	1784	371-4	128	2178
Julyan, Frederick. (See Nind and Julyan.)						
Jumau, Lucien, Paris, France. Electrometallurgical process for extracting copper from its ores.....	867,046	Sept. 24	3519	.....	130	1197
Jumau, Lucien, Paris, France. Obtaining pure copper.....	870,786	Nov. 12	1461	.....	131	507
Jung, John J. (See Boardman, Frederick E., assignor.)						
Junge, George L., Pittsburg, Pa. Fuel-retarding member for furnaces.....	870,968	Nov. 12	1764	481-2	131	602
Junger, Franz. (See Klaudy and Junger.)						
Jungers, Clement J., assignor to Western Glass Company, Streator, Ill. Making fire-retardant glass.....	867,510	Oct. 1	425	121	130	1447
Jungers, John, and F. Kessi, Cedar Grove, Wis. Rotary shears.....	840,698	Jan. 8	1825	402-3	126	510
Junggren, Oscar. (See Emmet and Junggren.)						
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Diaphragm and nozzle construction.....	840,132	Jan. 1	703	150	126	192
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Means for decreasing leakage in turbines.....	841,253	Jan. 15	2941	640	126	836
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine.....	841,254	Jan. 15	2944	640-1	126	836
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Means for decreasing leakage in turbines.....	841,650	Jan. 15	3712	807	126	1034
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine.....	845,710	Feb. 26	5930	1253-4	126	3381
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Governing mechanism for turbines.....	848,106	Mar. 26	4824	1053-4	127	1305
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Centrifugal emergency-governor.....	859,387	July 9	1671	445	129	594
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine.....	868,569	Oct. 15	2119	593	130	2003
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine.....	868,787	Oct. 22	2497	688-9	130	2148

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Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Elastic-fluid turbine.....	873,051	Dec. 10	1572	329-30	131	1445
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Governing mechanism for turbines.....	873,243	Dec. 10	1927	404-5	131	1505
Junggren, Oscar, Schenectady, N. Y., assignor to General Electric Company. Multiple-stage impact-turbine.....	874,965	Dec. 31	5464	1142	131	2,665
Junghans, Oskar, Schramberg, Germany. Speed-indicator.....	864,379	Aug. 27	3534	981	129	3274
Junghaus, Erhard, Sr. (See Holzwarth, Hans, assignor.)						
Jungkind, John F., Little Rock, Ark. Photographic-printing machine.....	844,135	Feb. 12	2527	542	126	2457
Jungling, Michael, Kingwood, Ga. Recess-boring tool.....	845,360	Feb. 26	5262	1116	126	3215
Junken, Samuel W., Buffalo, Minn. Blotting-pad.....	858,657	July 2	525	134	129	182
Junker, Carl, Karlsruhe, Baden, Germany. Sterilizing apparatus.....	867,048	Sept. 24	3524	999	130	1198
Junkin, John C., Drayton, assignor of one-half to G. J. Patterson, Bowesmont, N. D. Excavating apparatus.....	867,047	Sept. 24	3520	998-9	130	1198
Jürgensen, Rolo, Prague-Zizkow, Austria-Hungary. Apparatus for carbonizing wood, peat, and the like.....	860,483	July 16	3324	910	129	1163
Jurick, George H., Jersey City, N. J. Game apparatus.....	846,110	Mar. 5	805	168	127	205
Jurruick, Maximilian, New York, N. Y. Self-winding electric clock.....	855,249	May 28	5803	1209	128	1580
Jusselin, Léon, Moreauville, La. Machine-gun.....	861,467	July 30	4901	1345-6	129	1739
Just, Alexander, and F. Hanaman, Budapest, assignors to Egyesült Izzólámpa és Villamosági Részvény Társaság, Uj-Pest, Austria-Hungary. Manufacture of incandescent bodies for electric lamps.....	855,060	May 28	5419	.....	128	1484
Just, John A., Pulaski, N. Y. Apparatus for desiccating milk.....	841,153	Jan. 15	2760	603	126	791
Just, John A., Syracuse, N. Y. Making lactose from glucose.....	851,673	Apr. 30	5952	.....	127	3239
Just, John A., Syracuse, N. Y. Obtaining milk-sugar.....	868,443	Oct. 15	1933	.....	130	1943
Just, John A., Syracuse, N. Y. Making lactic acid.....	868,444	Oct. 15	1934	.....	130	1944
Just, John A., Syracuse, N. Y. Preparing casein soluble to a neutral solution.....	868,445	Oct. 15	1935	.....	130	1944
Just, John A., Syracuse, N. Y. Drying apparatus.....	868,446	Oct. 15	1936	540	130	1944
Just, John A., Syracuse, N. Y. Evaporating.....	868,447	Oct. 15	1937	541	130	1945
Just, John A., assignor to Just Mining & Extraction Co., Syracuse, N. Y. Treating gold and gold-silver ores.....	841,983	Jan. 22	4396	.....	126	1237
Just Mining & Extraction Co. (See Just, John A., assignor.)						
Justen, Joseph M., assignor of two-fifths to O. Augsbach, Toledo, Ohio. Wrench.....	840,496	Jan. 8	1440	317	126	414
Justison, Charles E., Wilmington, Del. Bottle.....	850,015	Apr. 9	2684	563	127	2305
Juszcieski, John, Chicago, Ill. Piano-zither.....	855,059	May 28	5417	1125	128	1483
Juve, Ole H., Decorah, Iowa. Wire-reel.....	843,213	Feb. 5	773	159	126	1991
Juve, Ole H., Decorah, Iowa. Guide for wire-reels.....	843,214	Feb. 5	775	159	126	1991
K. D. Box and Label Company. (See Denmead, John W., assignor.)						
Kabele, Henry M., Westford, Mass. Match-box.....	846,314	Mar. 5	1178	259	127	298
Kabureck, George, Jersey City, N. J. Ventilator.....	871,342	Nov. 19	2506	646	131	781
Kacer, Filip. (See Isler and Kacer.)						
Kacer, Filip, Mannheim, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Anthracene dye and making same.....	863,401	Aug. 13	2065	.....	129	2762
Kaczander, Leopold, assignor to Nathan Manufacturing Company, New York, N. Y. Lubricator.....	844,281	Feb. 12	2839	605	126	2537
Kade, Charles F., Sheboygan, Wis. Adjustable bracket.....	870,439	Nov. 5	904	244	131	296
Kadow, Otto F., and J. H. Lyons, assignors to said Kadow and C. P. Salen, Cleveland, Ohio. Automatic flushing device.....	873,554	Dec. 10	2563	541	131	1610
Kaehl, Ferdinand, Berlin, Germany. Centrifugal machine.....	840,497	Jan. 8	1441	318	126	414
Käempf, Ludwig W., Susanville, Oreg. Square.....	864,096	Aug. 20	3099	856	129	3113
Kagarice, Samuel C., Sioux Falls, S. D. Invalid-bed.....	844,362	Feb. 19	3021	645	126	2622
Kahan, Samuel, New York, N. Y. Adjusting clocks and watches to changes in temperature.....	850,887	Apr. 16	4375	917	127	2778
Kahane, Max, Vienna, Austria-Hungary. Turning stage for theaters.....	848,907	Apr. 2	625	125	127	1748
Kahl, Arthur R., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone-exchange system.....	853,304	May 14	1912	397	128	522
Kahl, George A., Plainsburg, Cal. Harvester.....	841,785	Jan. 22	4004	865	126	1142
Kahle, August W., Tompkinsville, and L. Rensman, New York, N. Y. Marcel-waving iron.....	855,709	June 4	504	105	128	1824
Kahle, Dorsey P., Venus, Pa. Wrench.....	855,891	June 4	868	180	128	1913
Kahle, William, Boston, Mass. Machine for attaching fabric to boxes.....	853,883	May 14	3074	631	128	819
Kahle, William, Boston, Mass. Machine for attaching fabric to boxes.....	859,946	July 16	2510	681-2	129	894
Kahler, Joseph, et al. (See Gohmann, Charles L., assignor.)						
Kahlow, Arthur, Chicago, Ill. Handle-fastening for traveling-bags.....	860,805	July 23	3835	1051	129	1362
Kahlow, Arthur, Chicago, Ill. Traveling-bag.....	860,806	July 23	3835	1051	129	1362
Kahlow, Arthur, Chicago, Ill. Trunk.....	860,807	July 23	3836	1052	129	1362
Kahn, Adolph E., New York, N. Y. Aneroid barometer.....	869,909	Nov. 5	51	15	131	18
Kahn, Bernard J., Denver, Colo. Partition for fireproof buildings.....	861,215	July 23	4466	1226	129	1568
Kahn, Bernard J., Denver, Colo. Curtain and shade support.....	866,589	Sept. 17	2809	787	130	940
Kahn, Julius, Detroit, Mich. Trussed girder.....	862,973	Aug. 13	1409	383	129	2552
Kahn, Julius, Detroit, Mich. Trussed girder.....	866,140	Sept. 17	2163	602	130	736
Kahn, Julius, assignor to Trussed Concrete Steel Company, Detroit, Mich. Floor construction.....	852,230	Apr. 30	7091	1482	127	3531
Kahn, Lazard, Hamilton, Ohio. Stove.....	859,299	July 9	1519	406	129	544
Kahn, Lazard, and R. Christ, assignors to Estate Stove Company, Hamilton, Ohio. Automatic controller for gas-cocks.....	859,452	July 9	1753	469	129	621
Kahn, Lazard, and R. Christ, assignors to Estate Stove Company, Hamilton, Ohio. Bracket.....	864,847	Sept. 3	135	37	130	42
Kahn, Louis, et al. (See Lustig, Adolphus J., assignor.)						
Kahn, Myrtel. (See Dressel and Kahn.)						
Kahn, Myrtel, Elberfeld, and R. Kothe, Vohwinkel, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Azo coloring-matter.....	843,149	Feb. 5	631	.....	126	1955
Kahn, Myrtel, Elberfeld, and R. Kothe, Vohwinkel, near Elberfeld, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Azo dye.....	865,252	Sept. 3	747	.....	130	226
Kahn, Myrtel, Elberfeld, and R. Kothe, Vohwinkel, near Elberfeld, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Azo dye.....	865,253	Sept. 3	748	.....	130	227
Kahn, Nathan E., Woodbine, N. J., assignor to Stephenson & Company, Philadelphia, Pa. Apparel-cap and manufacturing the same.....	860,749	July 23	3751	1008	129	1334
Kahne, Henry J., Ashland, Ky. Chain wrench.....	856,589	June 11	2271	467	128	2303
Kahnweiler, Oscar, New York, N. Y. Fireproofing device.....	864,543	Aug. 27	3826	1060	129	3369
Kahre, William, Wharton, N. J. Box-room.....	849,479	Apr. 9	1718	348-9	127	2062
Kail, Jackson L., assignor to Winslow Bros. Company, Chicago, Ill. Means for hanging laterally-movable doors.....	865,046	Sept. 3	443	119	130	136
Kain, John H., Milford, assignor to D. A. Reidy, Cincinnati, Ohio. Can-labeling machine.....	874,012	Dec. 17	3462	737-8	131	1794
Kaiser, Charles A., Astoria, assignor of one-third to L. Flatow, New York, N. Y. Rotary air or fluid compressor.....	847,946	Mar. 19	4502	986-7	127	1188

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Kaiser, Fredrick C. (See Meeks and Kaiser.)						
Kaiser, Paul G., Chicago, Ill. Vacuum-pan	868,275	Oct. 15	1630	466-7	130	1862
Kaiser, William I., Seattle, and W. H. Oakes, Georgetown, Wash. Switch-point lock	848,247	Mar. 26	5062	1107	127	1366
Kaiserreiner, Johann, Haag, Austria-Hungary. Candle-extinguisher	842,463	Jan. 29	5453	1155	126	1546
Kaisling, William, Chicago, Ill., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone operator's switching device	840,699	Jan. 8	1829	403	126	511
Kaisling, William, Chicago, Ill., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Circuit-changing apparatus	853,305	May 14	1919	397	128	525
Kaisling, William, Chicago, Ill., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone apparatus	856,260	June 11	1576	331	128	2126
Kaisling, William, assignor to M. G. Kellogg, Chicago, Ill. Telephone call-bell or ringer	863,720	Aug. 20	2530	699	129	2936
Kaisling, William, assignor to M. G. Kellogg, Chicago, Ill. Interrupter	874,511	Dec. 24	4541	954	131	1991
Kalamazoo Loose Leaf Binder Company. (See Bushong, Harry F., assignor.)						
Kalamazoo Tank & Silo Company. (See Youmans, George P., assignor.)						
Kalbe, Charles J. (See Lang and Kalbe.)						
Kales, William R., Detroit, Mich. Locking mechanism for jails	839,933	Jan. 1	261	56	126	72
Kaley, Jacob L., et al. (See Paulson, Martin, assignor.)						
Kaley, Jacob L., et al. (See Taylor, James M., assignor.)						
Kalina, Michael, Braddock Pa. Rail-joint	864,000	Aug. 20	2955	814	129	3068
Kallab, Ferdinand V., Offenbach-on-the-Main, Germany. Color-comparator	862,336	Aug. 6	373	103	129	2201
Kallberg, Albin, and L. Netz, Milford, Mass. Buckle	869,910	Nov. 5	52	16	131	18
Kalle and Company Aktiengesellschaft. (See Friedlaender, Paul, assignor.)						
Kalle and Company, Aktiengesellschaft, Firm of. (See Albrecht, Karl, assignor.)						
Kalliwooda, Irene, Sopron, Austria-Hungary. Button	870,725	Nov. 12	1354	369	131	475
Kallmann, Martin, Berlin, Germany. Electric controlling device	862,740	Aug. 6	1061	286	129	2409
Kallstrom, Charles A., Luffenholtz, Cal. Sawing-machine	860,387	July 16	3181	869-70	129	1116
Kalma, Theodore, South Pasadena, Cal. Combined pocket rule, square, and bevel	872,944	Dec. 3	1309	277	131	1373
Kaltenbach, Ernest J. (See Krause, Richard E., assignor.)						
Kamenstein, Myer, New York, N. Y. Boiler-cover	857,350	June 18	3704	783	128	2704
Kamerzel, Henry, and C. W. Schofield, Naugatuck, Conn. Brace-block	843,948	Feb. 12	2187	467	126	2375
Kaminski, Harold, Georgetown, S. C. Steering-wheel for motor-vehicles	858,723	July 2	625	163	129	216
Kaminski, John, Hilliards, Mich. Wagon-bracket	861,731	July 30	5290	1455	129	1858
Kamm, M. Samuel, et al. (See Bennett, Harry, assignor.)						
Kammer, John von der, Prairie View, Ill. Stable equipment	869,715	Oct. 29	3959	1092	130	2625
Kammer, John von der, Prairie View, Ill. Cotton-seed food	873,946	Dec. 17	3335	710	131	1774
Kammerich, George H. (See Bowles and Kammerich.)						
Kammerler, Franz, Gelsenkirchen, Germany. Safety device for the ignition of slow matches	862,974	Aug. 13	1410	383	129	2553
Kamp, Frank F., Jr. (See Moore and Kamp.)						
Kamp, Frank F., Jr., and R. K. Gundy, Lawrence, Pa. Metallic tie and rail-fastener	854,504	May 21	4286	887	128	1166
Kampe, John E., Waltham, Mass. Indicator attachment for calipers	848,831	Apr. 2	470	91	127	1707
Kampelman, Louis A., St. Louis, Mo. Playing mechanism for stringed instruments	848,658	Apr. 2	74	17	127	1603
Kampfe, Frederick, New York, N. Y. Safety-razor	842,956	Feb. 5	225	51	126	1845
Kampfe, Frederick, New York, N. Y. Swivel device for razor-strop members	843,341	Feb. 5	1026	211	126	2049
Kampfe, Frederick and O., New York, N. Y. Hair-trimmer	846,782	Mar. 19	4147	905	127	1103
Kampfe, Otto. (See Kampfe, Frederick and O.)						
Kampfe, Otto, New York, N. Y. Salt-shaker	843,280	Feb. 5	915	186	126	2023
Kampfe, Otto, New York, N. Y. Candle-holder	844,136	Feb. 12	2528	543	126	2457
Kampfe, Otto, New York, N. Y. Nail-clipper	846,924	Mar. 12	2434	534	127	648
Kampfe, Otto, New York, N. Y. Lawn-trimmer	859,665	July 9	2085	563	129	728
Kampfe, Otto, New York, N. Y. Penholder	859,666	July 9	2087	563	129	729
Kampfe, Otto, New York, N. Y. Salt-shaker	875,531	Dec. 31	6563	1371	131	2346
Kamrath, Carl. (See Rabe and Kamrath.)						
Kamsay, John L., et al. (See McCarthy, John F., assignor.)						
Kanable, Grover G., Rose Farm, Ohio. Weighing device	870,888	Nov. 12	1617	443	131	555
Kanally, Morris E., Arlington, Mass. Pipe-cleaner	867,285	Oct. 8	1010	288	130	1642
Kanally, Morris E., Arlington, Mass. Door-hanger	874,013	Dec. 17	3466	738	131	1795
Kandle, Ausbin D., Pencoyd, Pa., assignor to Kandle Sanitary Head Rest Manufacturing Company. Head-rest	849,135	Apr. 2	1069	214	127	1862
Kandle Sanitary Head Rest Manufacturing Company. (See Kandle, Ausbin D., assignor.)						
Kando, Coloman de, Budapest, Austria-Hungary. Electric machine	853,550	May 14	2374	495	128	641
Kandó, Coloman de, Budapest, Austria-Hungary, assignor to Westinghouse Machine Company. Rotary current-motor connected in cascade system	841,874	Jan. 22	4196	904	126	1191
Kandó, Coloman de, Budapest, Austria-Hungary, assignor to Westinghouse Machine Company. Electric car and locomotive	842,957	Feb. 5	227	51	126	1846
Kando, Coloman de, Budapest, Austria-Hungary, assignor, by mesne assignments, to Westinghouse Machine Company. Automatically-operated liquid-rheostat	845,618	Feb. 26	5774	1214	126	3332
Kane, George W. (See Pitts, Edward L., assignor.)						
Kane, John H. (See Damman, Henry H., assignor.)						
Kane, John H., assignor to H. H. Damman, Kiowa, Kans. Pump-operating mechanism	847,004	Mar. 12	2578	566	127	685
Kane, Joseph P., assignor to himself, M. J. and R. P. Kane, Worcester, Mass. Tamping device	872,519	Dec. 3	419	87	131	1233
Kane, Michael, Cincinnati, Ohio. Horseshoe	874,912	Dec. 24	5343	1117	131	2122
Kane, Michael J., et al. (See Kane, Joseph P., assignor.)						
Kane, Peter W., Mason City, Iowa. Starting mechanism for explosive-engines	843,611	Feb. 12	1552	329	126	2214
Kane, Richard P., et al. (See Kane, Joseph P., assignor.)						
Kane, William, Philadelphia, Pa. Water-heater	840,220	Jan. 1	875	189-90	126	237
Kannenbergh, Baldwin H., Oak Park, Ill., assignor to American Can Company, New York, N. Y. Slip-cover sheet-metal can for lard and other articles	846,111	Mar. 5	805	169	127	206
Kannenbergh, Baldwin H., Oak Park, Ill., assignor to American Can Company, New York, N. Y. Jacket-can	859,300	July 9	1520	407	129	545
Kannenbergh, Baldwin H., Oak Park, Ill., assignor to American Can Company, New York, N. Y. Friction-top can	863,721	Aug. 20	2532	699	129	2937
Kanning, Frederick H., East St. Louis, Ill. Wrench	841,692	Jan. 22	3808	829	126	1091
Kanonenberg, Heinrich. (See Lauber and Kanonenberg.)						
Kansas City Hay Press Company. (See Burkett, John W., assignor.)						
Kantner, Harry B., et al. (See Winter, Henry B., assignor.)						
Kapheim, Frederick W., Milwaukee, Wis. Mixing apparatus	856,469	June 11	2042	419	128	2246
Kaplan, Godfrey J., Owatonna, Minn., assignor to Perfection Churn Company. Combined churn and butter-worker	844,678	Feb. 19	3900	825	126	2830
Kaplan, Godfrey J., Owatonna, Minn., assignor to Perfection Churn Company. Combined churn and butter-worker	849,688	Apr. 9	2107	433	127	2159
Kaplan, Godfrey J., assignor to Perfection Churn Company, Owatonna, Minn. Combined churn and butter-worker	863,282	Aug. 13	1899	513	129	2706
Kaplan, Godfrey J., assignor to Perfection Churn Company, Owatonna, Minn. Combined churn and butter-worker	863,283	Aug. 13	1901	514	129	2707

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Kaplan, Godfrey J., assignor to L. and R. B. Disbrow, Owatonna, Minn. Combined churn and butter-worker.	840,133	Jan. 1	706	150-1	126	192
Kaplan, Jacob, assignor of one-half to A. Miller, Utica, N. Y. Waistband for garments.	875,354	Dec. 31	6231	1300	131	2289
Kaplan, Joseph A., Pittsburg, assignor to J. Rhodes, Allegheny, and W. H. Latshaw, Pittsburg, Pa. Pulley and bushing.	841,090	Jan. 8	2615	572	126	710
Kaplan, Joseph A., Pittsburg, assignor to J. Rhodes, Allegheny, and W. H. Latshaw, Pittsburg, Pa. Punching and bending pulley-rims.	845,711	Feb. 26	5933	1254	126	3382
Kaplan, Joseph A., Pittsburg, assignor to J. Rhodes, Allegheny, and W. H. Latshaw, Pittsburg, Pa. Pulley.	851,940	Apr. 30	6513	1358	127	3384
Kapp, George, and G. A. Alviset, Port Chester, N. Y. Gas-lighter for automobiles.	845,553	Feb. 26	5628	1192	126	3306
Kapp, Joseph V., Newark, N. J. Bench-pin.	851,292	Apr. 23	5180	1087-8	127	3018
Kappmeier, Paul F. W., Altkloster, Germany. Surgical or medical bandage.	865,254	Sept. 3	748	213	130	227
Karazej, Eugen, et al. (See Regal, August, assignor.)						
Karger, Heinrich L., assignor to Selas Gesellschaft mit beschränkter Haftung, Berlin, Germany. Apparatus for producing mixtures of gases or of gas and air for illuminating purposes.	855,953	June 4	982	204-5	128	1941
Karger, Heinrich L., assignor to "Selas" Gesellschaft M. B. H., Berlin, Germany. Apparatus for the production of mixtures of gas and air.	864,001	Aug. 20	2956	814-15	129	3068
Karges, Julius J., Kansas City, Mo. Display-rack.	870,680	Nov. 12	1278	348-9	131	449
Karges, Julius J., Kansas City, Mo. Display-rack.	870,681	Nov. 12	1280	349-50	131	450
Karle, John D., Bridgeport, Conn. Garment-clasp.	844,679	Feb. 19	3902	825	126	2831
Karlson, Henry C., Hasbrouck Heights, N. J. Turbine.	846,855	Mar. 12	2290	504	127	613
Karns, John P., assignor to J. P. Karns Tunneling Machine Co., Boulder, Colo. Tunneling-machine.	848,107	Mar. 26	4827	1054	127	1306
Karns, John P., assignor to J. P. Karns Tunneling Machine Co., Boulder, Colo. Shaft-bearing.	867,511	Oct. 1	427	121	130	1448
Karns, John P., assignor to J. P. Karns Tunneling Machine Co., Boulder, Colo. Sink-shaft drill.	874,848	Dec. 24	5171	1089	131	2101
Karns, John P., assignor to J. P. Karns Tunneling Machine Co., Boulder, Colo. Tunneling-machine.	875,664	Dec. 31	6946	1447	131	2391
Karns, William E., Parkers Landing, Pa. Rail-bond for rail-joint circuits.	874,085	Dec. 17	3679	774	131	1819
Karns, William E., Parkers Landing, Pa. Insulating end post for rail-joint circuits.	874,206	Dec. 17	3914	824	131	1859
Karpf, Charles, College Point, assignor of one-half to H. Herrmann Lumber Co., New York, N. Y. Rotary cutter for woodworking-machines.	849,794	Apr. 9	2305	473	127	2210
Karr, Burton A., Omaha, Nebr., assignor, by mesne assignments, to Universal Amusement Company. Horizontal roller-coaster.	870,440	Nov. 5	905	245	131	296
Karr, Francis. (See Brouyette, Charles D., assignor.)						
Karr, James P., and J. D. Rauch, Logansport, Ind. Shifting and locking mechanism for friction band-clutches.	866,282	Sept. 17	2374	660	130	804
Karr, James P., and J. D. Rauch, Logansport, Ind. Clutch-operating mechanism.	867,137	Sept. 24	3652	1038	130	1236
Karr, James P., and J. D. Rauch, Logansport, Ind. Boom and rotatable circle for excavators.	869,092	Oct. 22	2962	818	130	2292
Karr, James P., and J. D. Rauch, Logansport, Ind. Spud and hoisting frame for excavators.	869,438	Oct. 29	3511	964-5	130	2489
Karr, James P., and J. D. Rauch, Logansport, Ind. Dipper and dipper-handle for excavators.	874,207	Dec. 17	3916	824-5	131	1860
Karr, James P., and J. D. Rauch, Logansport, Ind. Barge.	874,849	Dec. 24	5172	1090	131	2102
Karr, James P., and J. D. Rauch, Logansport, Ind. Compound-gear friction hoisting-engine.	875,532	Dec. 31	6565	1371	131	2346
Karrer, Armand, St. Joseph, Mo. Thread-cutter.	853,979	May 21	3279	674	128	910
Karrmann, George, Unionville, assignor to Corbin Screw Corporation, New Britain, Conn. Swivel snap-hook.	851,172	Apr. 23	4916	1034	127	2953
Karron, Aleks. (See Margolin and Karron.)						
Karron, Louis. (See Meltzer and Karron.)						
Karsam Soap Company. (See Samuel, Marcus R. A., assignor.)						
Karst, Anton. (See Gilsa and Karst.)						
Karstens, Herman R., Ladysmith, Wis. Machine for making lath-boards.	857,738	June 25	4473	944	128	2929
Karth, Heinrich F., Hamburg, Germany. Waterproof boot and shoe.	857,072	June 18	3186	671	128	2574
Kasch, Frederick C., and W. Eberhard, assignors to Kasch Roofing Company, Akron, Ohio. Self-closing hinge for shutters.	842,404	Jan. 29	5302	1124	126	1505
Kasch Roofing Company. (See Kasch and Eberhard, assignors.)						
Kaseler, Peter, Brooklyn, N. Y. Truss.	844,137	Feb. 12	2530	543	126	2458
Kaspar, Henry, Lynch, Nebr. Double-pointed safety-pin.	853,799	May 14	2881	592	128	773
Kaspar, Henry, and J. Krejci, assignors to Double Pointed Safety Pin Mfg. Co., Tyn-dall, S. D. Safety-pin.	875,080	Dec. 31	5687	1187	131	2202
Kassahn, Henry, and G. Schaaf, Menomone, Wis. Picture-frame.	869,786	Oct. 29	4065	1121	130	2655
Kassander, Leopold, assignor to Nathan Manufacturing Company, New York, N. Y. Boiler check-valve.	846,213	Mar. 5	996	213-14	127	253
Kasse, Abram, assignor of two-thirds to S. Manheimer and F. C. Ficker, New York, N. Y. Placket-closure.	866,283	Sept. 17	2375	661	130	804
Kasse, Abram, and H. Stoll, New York, N. Y. Spool holder and protector.	842,958	Feb. 5	228	51	126	1846
Kasson, C. Vallette. (See Annable, Warren W., assignor.)						
Kast, Jacob, East Boston, assignor to R. A. Hammond, Sandwich, Mass. Flat wire belt or rope.	841,154	Jan. 15	2761	603	126	791
Kastrup, Herman, St. Louis, Mo. Four-cycle explosive-engine.	860,547	July 16	3414	938	129	1193
Kate, John H. (See Porter, Louis N., assignor.)						
Katulka, John, Nanticoke, Pa. Coal-drill.	844,872	Feb. 19	4291	916	126	2931
Katz, Abraham. (See Knöchel, Philipp, assignor.)						
Katz, Frederick J., Chicago, Ill. Binder attachment for baling-presses.	866,934	Sept. 24	3344	944-5	130	1143
Katz, Louis C. (See Dredge, Joseph F., assignor.)						
Katz, Oscar J., Rochester, N. Y. Drying frame and stretcher.	850,016	Apr. 9	2685	563	127	2305
Katzenberger, Oscar, San Antonio, Tex. Lock.	844,138	Feb. 12	2531	543	126	2458
Katzman, Adolph S., and H. A. Vizethann, New York, N. Y. Interrupted contact for third-rail systems.	847,080	Mar. 12	2730	602	127	720
Kauffman, Eli F., York, Pa. Spraying device.	851,758	Apr. 30	6120	1279	127	3282
Kauffman, William H., Davenport, Iowa. Stay-bolt chuck.	867,201	Sept. 24	3772	1066	130	1277
Kauffmann, Jean M., Bettemburg, Luxemburg. Distance and angle measure.	875,437	Dec. 31	6389	1332-3	131	2316
Kauffman, Adolph G., New York, N. Y. Horizontal light.	856,408	June 11	1933	397	128	2218
Kauffman, Adolph G., assignor of one-half to B. L. and B. L. Weil, New York, N. Y. Bottle-cap.	851,424	Apr. 23	5438	1139	127	3083
Kauffman, Adolph G., assignor of one-half to B. L. and B. Weil, New York, N. Y. Bottle-seal.	856,158	June 4	1368	288	128	2038
Kauffman, Adolph G., assignor to A. G. Kaufman Manufacturing Company, New York, N. Y. Burner.	865,183	Sept. 3	640	181	130	195
Kaufman, Carl E., Rosedale, Kans. Dump-wagon.	841,406	Jan. 15	3252	701	126	916
Kaufman, Emanuel, Cleora, Ind. Ter. Moving-machine.	849,903	Apr. 9	2511	518-19	127	2263

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Kaufman, Everett G., Yonkers, N. Y., assignor of three-fourths to J. H. Clauss, Toledo, Ohio, U. J. Ulery, Yonkers, N. Y., and H. Clauss, Fremont, Ohio. Razor-stropping machine.....	853,800	May 14	2882	592	128	774
Kaufman, Frank, Chicago, Ill., assignor to West Manufacturing Company, Columbus, Ohio. Roll-paper holder and cutter.....	842,959	Feb. 5	229	51	126	1846
Kaufman, George H., assignor of one-half to I. A. Grubbs, Marienville, Pa. Fence-post.....	858,345	June 25	5679	1213	128	3238
Kaufman, William R., McKees Rocks, Pa. Railway-tie.....	868,865	Oct. 22	2616	723	130	2183
Kaufmann-Chaplin Manufacturing Company. (See Pfluger, Florian M., assignor.)						
Kaufmann, Charles S., assignor to American Battery Company, Chicago, Ill. Receptacle for storage-battery plates.....	848,996	Apr. 2	767	156	127	1783
Kaufmann, Frank J., assignor of one-half to C. W. Heckert, Fultonville, N. Y. Sewing-machine.....	872,945	Dec. 3	1310	277-8	131	1373
Kaufmann, Gustav, St. Johann-on-the-Saar, Germany. Illustrated guide.....	853,089	May 7	1452	304	128	368
Kaufmann, John, Prairie du Sac, Wis. Curtain-drawer.....	867,379	Oct. 1	234	68	130	1384
Kaukaseli, Datiko, West Berkeley, Cal. Silk-worm-breeding device.....	867,138	Sept. 24	3653	1038	130	1236
Kauntze, Edward, Hanford, Cal. Door-releasing mechanism.....	853,588	May 14	2448	510	128	661
Kauser, George W. (See Holland and Kauser.)						
Kaut, John, St. Louis, Mo. Photographic-printing apparatus.....	844,680	Feb. 19	3904	825-6	126	2831
Kautsky, Kayton. (See Hartley and Kautsky.)						
Kavanagh, Frank C., Seattle, Wash. Hat-fastener.....	856,705	June 11	2491	512	128	2358
Kavanaugh, William P. (See Hopkins, Eduard J., assignor.)						
Kavle, Oscar C., Syracuse, assignor to J. T. Underwood, New York, N. Y. Computing attachment for type-writing machines.....	873,314	Dec. 10	2087	436-7	131	1529
Kavle, Oscar C., assignor to H. A. Moyer and E. G. Latta, Syracuse, N. Y. Type-bar bearing for type-writing machines.....	848,248	Mar. 26	5065	1107	127	1367
Kawasaki, Yasuke, Vancouver, British Columbia, Canada. Biscuit forming and baking device.....	841,533	Jan. 15	3488	753	126	979
Kawasaki, Yasuke, Vancouver, British Columbia, Canada. Wafer-lifting device.....	848,748	Apr. 2	254	51	127	1651
Kay Brothers. (See Kay, Samuel V., assignor.)						
Kay, Daniel F., Jr., Chicago, Ill. Clothes-pin.....	866,141	Sept. 17	2164	603	130	736
Kay, Samuel V., assignor to Kay Brothers Limited, Stockport, England. Receptacle for insect-catching tape.....	865,596	Sept. 10	1312	372	130	427
Kay, William E. (See Kehnert, Eugene E., assignor.)						
Kaye, James W. (See Duncan, James H., assignor.)						
Kaylor, Edward, Allegheny, Pa. Railway-car truck.....	852,387	Apr. 30	7392	1551	127	3604
Kaylor, Jacob F. (See Kaylor, John, assignor.)						
Kaylor, John, Decatur, assignor to J. F. Kaylor, Tazewell, Ill. Metallic railway-tie.....	853,176	May 7	1601	332	128	404
Kays, Joseph W. (See Chrysler and Kays.)						
Kayser, John W., assignor of one-half to G. Nelson, Madison, Wis. Cowl for chimney-tops.....	855,710	June 4	505	105	128	1824
Kazmeier, August, Ulm, Germany. Perambulator.....	853,980	May 21	3280	674	128	910
Keables, Raymond, <i>et al.</i> (See Wirt, Reuben D., assignor.)						
Keach, George A. (See Tilford, George H., assignor.)						
Keady, W. P. (See Taylor, Harry P., assignor.) (Reissue.)						
Kean, Henry, Hammond, Wis. Weather-strip.....	860,032	July 16	2656	722	129	943
Kean, James, assignor to Kelvin and James White, Limited, Glasgow, Scotland. Mariner's compass.....	864,171	Aug. 27	3220	892	129	3176
Keane, Mary J., New York, N. Y. Hook and eye or the like.....	871,413	Nov. 19	2676	680	131	805
Kearney, James A., Imogene, Iowa. Tongue-regulator. (Reissue.)	12,633	Apr. 16	4387	918	127	2781
Kearney, Maurice J., Brockton, Mass. Cushion-heel for boots and shoes.....	866,867	Sept. 24	3244	912	130	1111
Kearns, Aaron F., Moscow, Okla. Ter. Horse hay-rake.....	843,150	Feb. 5	632	133-4	126	1955
Kearns, Aaron F., Moscow, Okla. Ter. Hay-stacker.....	848,832	Apr. 2	471	92	127	1707
Kearns Furniture Company. (See Kearns, Oscar E., assignor.)						
Kearns, John E., assignor of one-half to H. S. Lindberg, Ottumwa, Iowa. Plow attachment.....	847,583	Mar. 19	3734	820	127	1005
Kearns, Oscar E., assignor to Kearns Furniture Company, High Point, N. C. Provision-safe.....	873,555	Dec. 10	2567	541	131	1641
Keasbey & Mattison Company. (See Lutigen, Eberhard, assignor.)						
Keasbey & Mattison Company. (See Wade, Charles E., assignor.)						
Keating, H., <i>et al.</i> (See Norstrom, Nils E., assignor.)						
Keating, J. H. (See Stassart, Joseph M., assignor.)						
Keating, Michael H., <i>et al.</i> (See Corrigan, Hamlet, assignor.)						
Keating, Morris H., Johnstown, Pa. Table rack and exhibitor.....	867,661	Oct. 8	662	187	130	1535
Keays, Reginald H., New York, N. Y. Tunnel and constructing the same.....	839,856	Jan. 1	97	23	126	28
Keck, Fred L., <i>et al.</i> (See Ryan, James A., assignor.)						
Keck, John A., Decatur, Ill. Folding table.....	862,484	Aug. 6	648	174	129	2289
Keck, Peter S., Allentown, Pa. Sand-box.....	855,183	May 28	5680	1181	128	1548
Keck, Robert. (See Jeffers, Burt H., assignor.)						
Keckley, Ernest C., and A. Kossmann, Columbus, Ohio. Cleaning-machine.....	871,414	Nov. 19	2677	680	131	805
Kee Lox Manufacturing Company. (See La May, Frank B., assignor.)						
Keech, Dora M., Chicago, Ill. Sunshade or umbrella support.....	846,315	Mar. 5	1180	259	127	298
Keefe, Clarence M., Cincinnati, Ohio. Box.....	851,357	Apr. 23	5310	1112	127	3049
Keefe, Daniel C., and T. M. Smith, New York, N. Y.; said Smith assignor to said Keefe. Electric-lamp bracket.....	866,473	Sept. 17	2646	739	130	891
Keefe, Michael C., assignor to Railway Time-Saving Association, Salt Lake City, Utah. Catcher and delivery system for railways.....	866,284	Sept. 17	2376	661	130	804
Keefe, Patrick H., Shesburg, Pa. Score-card.....	844,807	Feb. 19	4171	809	126	2901
Keefe-Heart Iron and Steel Company. (See Heart, Charles, assignor.)						
Keefe, William H., Pittsburg, and C. E. Ward, Banksville, Pa. Lubricator.....	864,002	Aug. 20	2957	815	129	3068
Kefer, William T., assignor of one-half to D. F. Holt, Bedford, Ind. Toy.....	852,388	Apr. 30	7395	1552	127	3605
Keegan, Austin J., Ryan, Iowa. Clothes-rack.....	860,808	July 23	3837	1052	129	1362
Kechl, August R., and W. F. Cleveland, Ohio. Nut-lock.....	861,216	July 23	4467	1226	129	1568
Kechl, William F. (See Kechl, August R. and W. F.)						
Kechn, Harry W. (See Kechn, Henry A. and H. W.)						
Kechn, Henry A. and H. W., Newark, Ohio. Attachment for molds.....	873,670	Dec. 10	2766	586-7	131	1648
Keeler, George W., South Frankfort, Mich. Root-cutter.....	841,534	Jan. 15	3490	753	126	979
Keeler, Henry L., Lundys Lane, Pa. Station-indicator.....	857,630	June 25	4255	898-9	128	2873
Keeler, Herbert E., New York, N. Y. Stay-roller for car-doors and other purposes.....	853,551	May 14	2378	495	128	643
Keeler, Herbert E., New York, N. Y., assignor to Curtain Supply Company, Chicago, Ill. Curtain-fixture.....	847,584	Mar. 19	3735	820	127	1005
Keeler, Smith, Miami, Fla. Pipe-harmonic support.....	860,484	July 16	3325	911	129	1164
Keeler, William H., South Haven, Mich. Bread-cutter.....	861,124	July 23	4335	1189	129	1525
Keeling, Newton C., Bridgeport, Conn. Automatic block-signal.....	851,523	Apr. 23	5625	1178	127	3126
Keen, Charles C., San Francisco, Cal. Amusement device.....	873,627	Dec. 3	648	135-6	131	1269
Keen, Eliot, New York, N. Y. Device for producing moving-picture effects.....	853,699	May 14	2683	553	128	724
Keen, Herbert I., assignor to Allis-Chalmers Company, Chicago, Ill. Gyrotory crusher.....	863,284	Aug. 13	1902	514	129	2707

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Keenan, Thomas, assignor of one-half to F. W. Sparks, Brooklyn, N. Y. Feed-water regulator.	844,873	Feb. 19	4292	916	126	2931
Keenan, Thomas, assignor of one-half to F. W. Sparks, Brooklyn, N. Y. Rotary engine.	857,558	June 18	4104	871	128	2805
Keene, Ella, Washington, D. C. Combined refrigerator and water-cooler.	857,944	June 25	4881	1032	128	3030
Keene, George M. (See Sewall and Keene.)						
Keene, Louis A., Waterman, and M. R. Pharis, Moline, Ill. Fertilizer-distributor.	867,278	Oct. 1	75	23	130	1337
Keener, Samuel E., and W. A. Munson, Clay Center, Kans. Windmill.	852,275	Apr. 30	7165	1503	127	3548
Keeney, George W., et al. (See Edwards, Walter, assignor.)						
Keeney, Urias Z., Malden, W. Va. Fireplace and chimney.	865,909	Sept. 10	1808	504	130	595
Keep, William J., and H. C. Maul, assignors to Michigan Stove Company, Detroit, Mich. Stove.	842,557	Jan. 29	5630	1190	126	1585
Keepports, David B., Philadelphia, Pa. Sander.	852,564	May 7	389	70	128	103
Keeran, Samuel R., Centralia, Mo. Car-chock.	866,474	Sept. 17	2647	739	130	891
Kees, Frederick. (See Kelly, Frank E., assignor.)						
Keesling, Harbin O., and O. E. Beach, Lawrence, Mass.; said Beach assignor to said Keesling. Device for teaching touch type-writing.	844,025	Feb. 12	2319	496	126	2406
Keesling, John H., Spencer, N. C. Saw-set.	870,036	Nov. 5	257	71	131	88
Kester, Logan S., Salisbury, N. C. Saw-filing machine.	867,512	Oct. 1	429	122	130	1448
Kefauver, Daniel E. (See Kefauver, Joseph H. and D. E.)						
Kefauver, Joseph H. and D. E., Middletown, Md. Lime-spreader.	843,680	Feb. 12	1681	356-7	126	2249
Keffio, Albert F. (See Barry, Waters, and Keffio.)						
Kehnert, Eugene E., assignor to W. E. Kay, Lorain, Ohio. Water-heater.	863,402	Aug. 13	2067	557-8	129	2762
Kehoe, Martin A., Philadelphia, Pa. Carding-machine.	852,330	Apr. 30	7259	1526	127	3570
Kehoe, Michael J., assignor of one-third to B. Lehman, Fort Wayne, Ind. Electrical switch.	866,590	Sept. 17	2809	787	130	910
Kehoe, William J., Washington, D. C. Stenographic machine.	865,910	Sept. 10	1810	504	130	595
Kehr, Cyrus, Knoxville, assignor to E. Koella, Rockford, Tenn. Machine for making mops and brushes.	842,204	Jan. 29	4861	1038	126	1385
Keibler, Luther Y., Saltsburg, Pa. Traction-engine.	857,180	June 18	3393	716	128	2625
Keier, Charles M. and E. W., Toledo, Ohio. Lamp-socket for incandescent lamps.	843,281	Feb. 5	917	187	126	2024
Keier, Edwin W. (See Keier, Charles M. and E. W.)						
Keighley, Frederick C., Uniontown, Pa. Mine-roof support.	875,182	Dec. 31	5889	1227	131	2235
Keighley, Willie C., et al. (See Brassington, Herbert, assignor.)						
Keil, Ernst, Granville, Ohio. Self-oiling lathe-center.	868,448	Oct. 15	1939	541	130	1946
Keil, George F. (See Thomassen and Keil.)						
Keil, George F., assignor of one-half to C. F. Mickelson, Sherburn, Minn. Plunger for tile-machines.	868,866	Oct. 22	2617	723	130	2184
Keil, Henry F., Bronxville, N. Y. Door check or bumper.	872,184	Nov. 26	4290	1025	131	1088
Keil, Henry F., Bronxville, N. Y. Door check or bumper.	872,185	Nov. 26	4290	1025	131	1088
Keil & Son, Francis. (See Hansen, Herman, assignor.)						
Keim & McMillan Hardware Company. (See Bennett, Jackson W., assignor.)						
Keimer & Co. (See Keimer, Eduard, assignor.)						
Keimer, Eduard, Basel, assignor to Keimer & Co., Zurich, Switzerland. Apparatus for conveying loads from one level to another.	866,475	Sept. 17	2648	740	130	891
Keiper, Frank, Jamestown, assignor, by mesne assignments, to U. S. Standard Voting Machine Co., Rochester, N. Y. Voting-machine.	857,469	June 18	3925	835-6	128	2757
Keiper, Henry B., Lancaster, Pa. Ball-bearing.	854,505	May 21	4287	887	128	1166
Keiper, Henry B., Lancaster, Pa. Twyer.	874,893	Dec. 24	5262	1108	131	2115
Keiper, Henry B., assignor to Champion Blower & Forge Company, Lancaster, Pa. Combined motor and hand operated rotary blower.	869,247	Oct. 29	3199	880-1	130	2394
Keiper, William F. (See Williams, George E., assignor.)						
Keiser, Arthur A. (See Keiser, Frederick O., assignor.)						
Keiser, Frederick O., Moscow, Ohio, assignor of one-half to A. A. Keiser, Newport, Ky. Garment-supporter.	858,989	July 2	1065	280	129	364
Keiser, Henry B. A., Akron, Ohio. Railway-track construction.	870,181	Nov. 5	472	129-30	131	155
Keiser, Peter, Grafton, Mass. Grafting trees.	869,493	Oct. 29	3600	986	130	2516
Keiser, William H. (See Gaskins and Keiser.)						
Keist, Walter J., et al. (See McCormick and Miller, assignors.)						
Keiter, Forrest W., Philadelphia, Pa. Tucking attachment for sewing-machines.	849,620	Apr. 9	1990	407	127	2129
Keith, Alexander E., et al. (See Guttman, Harry J., assignor.)						
Keith, Calvin, and G. F. Lister, Mansfield, Ohio. Door-hinge.	865,911	Sept. 10	1810	505	130	596
Keith, Eldon B. (See Smith, Julius F., assignor.)						
Keith, Elmer L. (See Willix and Keith.)						
Keith, James, London, England. Pressure-fan.	847,585	Mar. 19	3738	820-1	127	1006
Keith, John D., and W. E. Faulkner, Santa Anna Tex. Cold-iron straightener.	853,513	May 14	2308	478	128	626
Keith, John G., Brooklyn, N. Y. Door-check.	863,610	Aug. 20	2383	654	129	2888
Keith, Marion, St. Louis, Mo. Curtain-support.	869,787	Oct. 29	4066	1122	130	2655
Keith, Marion, St. Louis, Mo. Combined curtain-protector and sham-holder.	871,703	Nov. 19	3229	799	131	896
Kell, Fredrick G., Milwaukee, Wis. Type-writer tabulator.	862,255	Aug. 6	235	66-70	129	2155
Kelleher, Joseph D., Philadelphia, Pa. Horseshoe-calk.	864,246	Aug. 27	3337	924	129	3215
Keller, Albert T. (See Hamilton and Keller.)						
Keller, Albert T., Pittsburg, Pa. Rolling-mill.	873,439	Dec. 10	2326	488	131	1572
Keller, Alfred, assignor to Mermod Frères, St. Croix, Switzerland. Liquid-distributor.	846,032	Mar. 5	635	133	127	163
Keller, Benjamin F., Camden, Ohio. Syringe.	852,065	Apr. 30	6786	1412	127	3454
Keller, Boyd H., New York, N. Y. Kinetoscope.	865,106	Sept. 3	528	146-7	130	160
Keller, Charles. (See Yeakel and Ireland, assignors.)						
Keller, Charles A., Rosedale, Ind. Mine-car.	842,670	Jan. 29	5887	1241	126	1650
Keller, Charles A., Rosedale, Ind. Mine-car axle.	862,643	Aug. 6	911	244	129	2366
Keller, David A. (See Brady, James H., assignor.)						
Keller, David K., Montgomery, Ohio. Operating mechanism for chain-pumps.	860,809	July 23	3838	1052-3	129	1363
Keller, Edwin W., assignor to Armac Motor Company, Chicago, Ill. Pulley-rim.	844,363	Feb. 19	3023	646	126	2622
Keller, Frederick, assignor of two-thirds to C. E. Roberts and B. Petzold, Paterson, N. J. Wireless burglar-alarm.	857,351	June 18	3704	783	128	2704
Keller, Frederick R., Lancaster, Pa. Voltage-regulator for alternating-current generators.	846,214	Mar. 5	998	214	127	253
Keller, George, Gilman, Ill. Whip holder or hanger.	842,960	Feb. 5	231	52	126	1847
Keller, Gustav, Eisenach, Germany. Adjustable strut with toggle action.	856,159	June 4	1370	288-9	128	2039
Keller, Henry E., Decatur, Ind. Brooder.	840,498	Jan. 8	1442	318	126	414
Keller, Huldreich, Berlin, Germany, assignor to General Electric Company. Wheel for turbines.	841,255	Jan. 15	2949	641	126	838
Keller, James D., Detroit, Mich., assignor to Sell Horse Goods Company, Canton, Ohio. Toe-weight.	861,522	July 30	4971	1366	129	1761
Keller, Joseph F., and W. A. Warman, New York, N. Y. Machine for engraving or sinking dies.	862,256	Aug. 6	238	67-70	129	2156
Keller, Joseph P. (See Hartigan, Joseph, assignor.)						
Keller, Louis E., Oil City, Pa. Brake-beam.	858,457	July 2	140	38	129	47

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Keller Mechanical Engraving Company. (See Warman, William A., assignor.)						
Keller, Nathan, Hastings, Fla. Potato-digger	845,239	Feb. 26	5008	1065	126	3153
Keller, Peter, assignor of one-half to J. M. Tierney, Chicago, Ill. Gas-burner	847,412	Mar. 19	3390	742-3	127	914
Keller, Peter, assignor of one-half to J. M. Tierney, Chicago, Ill. Gas-pressure regulator.	847,413	Mar. 19	3392	743	127	914
Keller, William. (See Daniel and Keller.)						
Keller, William H., Philadelphia, Pa. Pneumatic tool	856,706	June 11	2492	512	128	2358
Kellett, Thomas N. (See Ritchie and Kellett.)						
Kelley, Albert H. (See Marshall, Richard H., assignor.)						
Kelley, Alexander, Wilmington, Del. Paving-block	870,889	Nov. 12	1618	443	131	556
Kelley, Charles B., et al. (See Bartenstein, John J., assignor.)						
Kelley, Charles E., Clarksburg, W. Va., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	863,070	Aug. 13	1566	423	129	2603
Kelley, Charles E., Waterbury, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	871,595	Nov. 19	3042	757	131	864
Kelley, Edward J., Washington, D. C., assignor of one-half to G. L. Hess, Puitney, N. Y. Steam-trap	849,401	Apr. 9	1561	316	127	2022
Kelley, Frederick H., assignor to T. H. Blair, Northboro, Mass. Sewing-machine attachment for felling, serging, &c.	859,301	July 9	1522	407	129	546
Kelley, Harral M., Clarksville, Tex. Vehicle-top	859,815	July 9	2296	624-5	129	797
Kelley, Hugh C., Sonora, Tex. Hair-cutting register	848,659	Apr. 2	75	18	127	1603
Kelley, Hugh C., Sonora, Tex. Shampoo-registering device	848,660	Apr. 2	76	18	127	1604
Kelley, Hugh C., Sonora, Tex. Shave-registering device	866,142	Sept. 17	2165	603	130	736
Kelley, Irving W. (See Voshardt, Herman F., assignor.)						
Kelley, James T., West Rush, N. Y. Ellipsograph	861,861	July 30	5499	1518	129	1922
Kelley, John J. (See Fraser and Nichols, assignors.)						
Kelley, John M., Rochester, N. Y. Display device	841,535	Jan. 15	3491	753-4	126	979
Kelley, John M., Rochester, N. Y. Display-receptacle	841,536	Jan. 15	3493	754	126	980
Kelley, John T., New London, Ohio. Plaiter or ruffler for sewing-machines	846,215	Mar. 5	1000	214-15	127	254
Kelley, Joseph B., and E. B. Heaford, Omaha, Nebr. Trunk-circuit for telephone systems	848,749	Apr. 2	255	52	127	1651
Kelley, Lyman D., Memphis, Tenn. Phonograph repeating mechanism	845,645	Feb. 26	5802	1226-7	126	3348
Kelley Petroleum Gas Generator Company. (See Kelley and Hofmeister, assignors.)						
Kelley, Robert B., Afton, Iowa. Shipping-crate	863,923	Aug. 20	2847	783-4	129	3036
Kelley, Vassal A., Cement, Okla. Ter. Cattle-guard	865,343	Sept. 3	905	259	130	273
Kelley, William H., Denver, Colo. Automatic torpedo-placing device for railways	849,332	Apr. 2	1421	287	127	1949
Kelley, William T., and C. W. Hofmeister, Muskogee, Ind. Ter., assignors to Kelley Petroleum Gas Generator Company. Supplying fuel for heating purposes	865,646	Sept. 10	1389	394	130	454
Kelley, William T., and C. W. Hofmeister, Muskogee, Ind. Ter., assignors to Kelley Petroleum Gas Generator Company. Attachment for stoves, boilers, burners, and the like	865,647	Sept. 10	1390	394	130	454
Kelley, William V. D., Newark, N. J. Gas-burner	872,350	Dec. 3	67	13	131	1179
Kelley, William V. D., Newark, N. J., assignor of one-half to H. S. Jones, Brooklyn, N. Y. Incandescent-light attachment	852,121	Apr. 30	6895	1440	127	3480
Kelley, William V. D., Newark, N. J., assignor of one-half to H. S. Jones, Brooklyn, N. Y. Sign character	865,255	Sept. 3	749	213	130	227
Kelling, John, assignor of one-half to R. M. A. Herzer, Milwaukee, Wis. Floor-scraper	851,010	Apr. 23	4605	965	127	2874
Kellogg, Charles H., Buffalo, N. Y. Separator for girders	852,665	May 7	603	114	128	157
Kellogg, Dan W. (See Fontaine, Herman A., assignor.)						
Kellogg, Ernest D. (See Silvers, Frederick C. M. and E. F., assignors.)						
Kellogg, George W., Grand Forks, N. D. Grain-door	852,331	Apr. 30	7260	1526	127	3571
Kellogg, Homer G., Chicago, Ill. Coin-controlled apparatus	855,008	May 28	5308	1103	128	1454
Kellogg, James M., Bozeman, Mont. Animal-trap	856,883	June 11	2810	585-6	128	2439
Kellogg, John H., Battle Creek, Mich. Exercising apparatus	850,938	Apr. 23	4484	938	127	2843
Kellogg, John H., Battle Creek, Mich. Food product	869,371	Oct. 29	3403	938	130	2456
Kellogg, Josephine, St. Joseph, Mo. Bust-supporter	862,170	Aug. 6	95	26	129	2114
Kellogg, Lewis M., Los Angeles, Cal. Motive-power engine	839,999	Jan. 1	391	85	126	106
Kellogg, Lewis M., Los Angeles, Cal. Elastic-fluid turbine	866,476	Sept. 17	2649	140	130	892
Kellogg, Milo G. (See Kaisling, William, assignor.)						
Kellogg, Milo G. (See Webster, Harry G., assignor.)						
Kellogg Switchboard and Supply Company. (See Dean, William W., assignor.)						
Kellogg Switchboard and Supply Company. (See Dunbar, Francis W., assignor.)						
Kellogg Switchboard and Supply Company. (See Goldrick, Harry C., assignor.)						
Kellogg Switchboard & Supply Company. (See Koch, Frank S., assignor.)						
Kellogg Switchboard & Supply Company. (See Post, Howard M., assignor)						
Kellogg Switchboard and Supply Company. (See Webster, Harry G., assignor.)						
Kellogg Switchboard and Supply Company. (See Weiss, Alfred H., assignor.)						
Kellogg Switchboard & Supply Company. (See Winston, Charles S., assignor.)						
Kellogg, William L. (See Wallace and Kellogg.)						
Kellogg, William M., Pittsfield, Mass., assignor to Yankee Novelty Company. Scissors-sharpener	841,537	Jan. 15	3494	754	126	980
Kellum, Orlando E., Longbeach, Cal. Street and station indicator	848,249	Mar. 26	5067	1108	127	1367
Kellum, William M., Norwalk, Ohio. Curtain-pole socket	861,732	July 30	5291	1455	129	1859
Kelly, Alice E., Mankato, Minn. Dough-kneading machine	863,722	Aug. 20	2532	699	129	2938
Kelly-Arnold Manufacturing Company. (See Kelly and Royer, assignors.)						
Kelly, Charles C., Belle Ellen, Ala. Miner's-lamp bracket	860,033	July 16	2657	722	129	943
Kelly, Charles W., Jasper, Ala. Labeling-machine	870,182	Nov. 5	473	130-1	131	155
Kelly, David J., Aberdeen, Wash. Collar	856,069	June 4	1184	250	128	1992
Kelly, David J., Salt Lake City, Utah. Filtering apparatus	864,308	Aug. 27	3425	952-3	129	3240
Kelly, David J., assignor to Kelly Filter Press Co., Salt Lake City, Utah. Filtering apparatus	869,372	Oct. 29	3403	936	130	2457
Kelly, David J., and J. M. Callow, assignors to Kelly Filter Press Co., Salt Lake City, Utah. Slimes-filtering apparatus	865,912	Sept. 10	1812	505	130	596
Kelly, Dennis F., Chicago, Ill. Interfitting rail-joint	862,171	Aug. 6	96	26	129	2114
Kelly Filter Press Co. (See Kelly, David J., assignor.)						
Kelly Filter Press Co. (See Kelly and Callow, assignors.)						
Kelly, Frank E., assignor of one-half to F. Kees, Minneapolis, Minn. Smoke-consuming furnace	871,090	Nov. 12	1942	532	131	657
Kelly, George, Hinsdale, Ill. Insulating material and manufacturing same	844,139	Feb. 12	2535	544	126	2459
Kelly, George, Hinsdale, Ill. Insulating material and manufacturing the same	844,140	Feb. 12	2537	544	126	2459
Kelly, George, Hinsdale, Ill. Glue	870,367	Nov. 5	800	131	262	131
Kelly, George, Hinsdale, Ill. Insulating board or slab	870,368	Nov. 5	801	131	262	131
Kelly, George A., Longview, Tex. Rotary engine	855,009	May 28	5311	1103-4	128	1455
Kelly, George E., and G. F. Royer, assignors to Kelly-Arnold Manufacturing Company, Wilkes-Barre, Pa. Coupling apparatus for fluid-pressure brake mechanisms	845,874	Mar. 5	290	59-60	127	74
Kelly, George E., and G. F. Royer, assignors to Kelly-Arnold Manufacturing Company, Wilkes-Barre, Pa. Train-pipe coupling	873,947	Dec. 17	3336	711	113	1774
Kelly, George E., and G. F. Royer, assignors to Kelly-Arnold Manufacturing Company, Wilkes-Barre Pa. Train-pipe coupling	873,948	Dec. 17	3838	711	121	1774

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Kelly, George J. (See Horspool, Francis L., assignor.)						
Kelly, Henry P., Shelton, Conn. Refrigerator-alarm.	871,873	Nov. 26	3619	883	131	985
Kelly, James. (See Minto and Kelly.)						
Kelly, James, assignor of one-half to J. D. Minto, Providence, R. I. Air cooling and humidifying apparatus.	847,185	Mar. 12	2922	643	127	767
Kelly, John, Chicago, Ill. Water-closet flush-valve.	843,949	Feb. 12	2188	467-8	126	2375
Kelly, John, Chicago, Ill. Water-closet flush-valve device.	855,786	June 4	664	135-6	128	1864
Kelly, John, Chicago, Ill. Wrench.	871,415	Nov. 19	2678	681	131	805
Kelly, John A., New York, N. Y. Wet-proof footwear.	854,361	May 21	4015	880	128	1100
Kelly, John F., Pittsfield, Mass. Generation and distribution of energy.	854,362	May 21	4017	831	128	1100
Kelly, John F., assignor to Thomas Maddock's Sons Company, Trenton, N. J., and Haines, Jones & Cadbury Company, Philadelphia, Pa. Water-closet.	859,302	July 9	1523	407	129	546
Kelly, John F., and H. S. Maddock, assignors to Thomas Maddock's Sons Company, Trenton, N. J. Lavatory.	842,558	Jan. 29	5631	1190-1	126	1585
Kelly, John H., San Francisco, Cal. Running-gear for cars.	841,256	Jan. 15	2950	641	126	838
Kelly, John W., Jr., Camden, N. J., assignor to General Acoustic Company. Telephone dictating system or apparatus.	875,081	Dec. 31	5689	1187	131	2202
Kelly, Luke. (See Williams, Elmer V., assignor.)						
Kelly, Mary A., New York, N. Y. Device for turning bottoms of skirts.	854,294	May 21	3902	804	128	1069
Kelly, Mary E., Columbus, Ohio. Frame for mosquito-netting.	861,034	July 23	4205	1151	129	1481
Kelly, Michael, Buffalo, N. Y. Stove.	860,388	July 16	3183	870	129	1161
Kelly, Michael, Hammond, Ind., assignor to F. S. Betz, Chicago, Ill. Controller.	858,399	July 2	56	16	129	20
Kelly, Oliver W., Springfield, Ohio. Molding-machine.	863,611	Aug. 20	2384	654-5	129	2888
Kelly, Orin, Oreton, Ohio. Tire-protector.	841,155	Jan. 15	2762	603	126	792
Kelly, Patrick, assignor of one-half to J. J. Power, Worcester, Mass. Bevel-protractor.	842,205	Jan. 29	4866	1038	126	1387
Kelly, Patrick J., Elizabeth, N. J. Thread-cutting tool for lathes.	847,586	Mar. 19	3739	821	127	1006
Kelly, Thomas F. (See Rankin and Kelly.)						
Kelly, Thomas J., Marietta, Ohio. Stain and filler.	845,793	Mar. 5	113		127	32
Kelly, Wallace C., Hastings, Mich. Rotary engine.	858,073	June 25	5175	1096-7	128	3105
Kelly, William D., Chicago, Ill. Dovetailing and tenoning machine.	850,888	Apr. 16	4376	917	127	2779
Kelly, William D., Chicago, Ill. Dovetail, tenon, and mortise.	850,889	Apr. 16	4382	918	127	2781
Kelly, William H., et al. (See Luckenbach, Harry, assignor.)						
Kelly, William H., assignor to International Sand Blast Company, San Francisco, Cal. Sand-blast apparatus.	864,471	Aug. 27	3675	1022	129	3324
Kelly, William J., assignor to J. A. Kelly & Bros., Clinton, Iowa. Chair.	841,538	Jan. 15	3495	754-5	126	990
Kelly, William J., and P. J. Germain, assignors of one-third to D. Ogilvie, Denver, Colo. Ironing-board.	856,962	June 11	2956	619-20	128	2474
Kelly, William W., Hartland, Vt., assignor, by mesne assignments, to United Shoe Machinery Company. Pegging-machine. (Reissue.)	12,618	Mar. 19	4609	1010-11	127	1212
Kelman, Joseph N., Los Angeles, Cal. Switch for high-potential circuits.	874,601	Dec. 24	4705	988-9	131	2021
Keisall, Charles H., Horwich, England. Manufacture of high-per-cent.-manganese steel.	873,556	Dec. 10	2569		131	1611
Keisch, Raymond S., Montreal, Quebec, Canada. Liquid-flow alarm.	859,816	July 9	2297	625	129	797
Kelsey Heating Company. (See Barbeck, Jervis R., assignor.)						
Kelsey, Henry O., assignor of one-third to W. S. and S. E. Hatch, West Salamanca, N. Y. Railway-tie.	864,651	Aug. 27	3991	1107	129	3419
Kelsey, John, et al. (See Ward, Dell, assignor.)						
Kelsey, Oliver, Connell, Wash. Grain-bin.	846,570	Mar. 12	1725	380	127	468
Kelton, John M. (See Wright, James E., assignor.)						
Kelvin and James White. (See Kean, James, assignor.)						
Kelzer, Earle L., Catella, Alaska, and W. P. Rodgers, Seattle, Wash. Indicator.	858,606	July 2	424	110	129	151
Kem, Sherman, Anderson, Ind. Cleaning and lubricating compound.	860,485	July 16	3326		129	1164
Kemble, Charles P., and W. B. Snyder, Trenton, N. J. Plate for steam and water pipes.	845,006	Feb. 26	4738	1004	126	3084
Kemiweld Can Company. (See Harbeck, Jervis R., assignor.)						
Kemiweld Can Company. (See Scott, Burton W., assignor.)						
Kemmerer, Charles, Barberton, Ohio. Nut-lock.	857,405	June 18	3806	807	128	2729
Kemmerling, Warren, Hitchcock, Tex. Window-screen.	855,250	May 28	5805	1210	128	1580
Kemmeter, John, Allouez, Wis. Drapery-holder.	866,664	Sept. 24	2921	829	130	1008
Kemmler, Charles, et al. (See Reiber, Frederick W., assignor.)						
Kemmier, Frederick B., St. Louis, Mo. Temperature-regulator.	857,073	June 18	3187	671	128	2575
Kemna, Joseph. (See Drake, Julian F., assignor.)						
Kemp, Albert M. (See Smith, Kemp, and Fitzwater.)						
Kemp & Burpee Manufacturing Company. (See Love, Robert, assignor.)						
Kemp, Daniel W., Anderson, Ind. Shock-loader.	867,662	Oct. 8	663	187-8	130	1535
Kemp, Harry, Newton, Mass. Feeding mechanism for carding-machines.	866,726	Sept. 24	3035	856	130	1047
Kemp Hydro-Carbon Furnace Company. (See Worthen, Burt L., assignor.)						
Kemp, Jabez P., Baltimore, Md., assignor to Fairbanks Company, New York, N. Y. Hoist for oyster-dredges.	855,184	May 28	5682	1182	128	1548
Kemp, Robert W., Jr., New York, N. Y. Puzzle.	858,074	June 25	5178	1097	128	3106
Kemp, Solomon M., Baltimore, Md. Chimney-top.	850,372	Apr. 16	3377	706	127	2525
Kemp, Solomon M., Baltimore, Md. Chimney.	854,895	May 28	5101	1060	128	1403
Kemp, Solomon M., Baltimore, Md. Reinforced concrete building-block.	859,947	July 16	2513	682	129	895
Kemp, William, Tucson, Ariz. Treating ores.	846,216	Mar. 5	1002	215	127	254
Kemper, Arthur. (See Kemper, Robert E. and A.)						
Kemper, Robert E. and A., Kemselaer, N. Y. Separating and feeding device for sheets, cards, envelopes, and the like.	862,172	Aug. 6	97	26-7	129	2114
Kemper-Thomas Company. (See Henderson, Edwin L., assignor.)						
Kemper, William F., Chicago, Ill. Third-rail cover for electric railways.	856,782	June 11	2636	542	128	2396
Kemper, William S., McKeesport, Pa. Game apparatus.	858,930	July 2	1066	280	129	364
Kempshall, Eleazer, Boston, Mass. Tire.	859,073	July 2	1175	317	129	397
Kempshall, Eleazer, Boston, Mass. Armor for tires.	859,074	July 2	1176	317	129	398
Kempshall, Eleazer, assignor to Kempshall Tire Company, Boston, Mass. Tire.	859,069	July 2	1171	316	129	396
Kempshall, Eleazer, assignor to Kempshall Tire Company, Boston, Mass. Tire.	859,070	July 2	1172	316	129	396
Kempshall, Eleazer, assignor to Kempshall Tire Company, Boston, Mass. Tire.	859,071	July 2	1173	316	129	397
Kempshall, Eleazer, assignor to Kempshall Tire Company, Boston, Mass. Tire.	859,072	July 2	1174	316	129	397
Kempshall, Eleazer, assignor to Kempshall Tire Company, Boston, Mass. Tire.	859,075	July 2	1176	317	129	398
Kempshall, Eleazer, assignor to Kempshall Tire Company, Boston, Mass. Composite tire-section.	859,076	July 2	1177	317	129	398
Kempshall, Eleazer, assignor to Kempshall Tire Company, Boston, Mass. Making tires.	859,077	July 2	1178	318	129	399
Kempshall, Eleazer, assignor to Kempshall Tire Company, Boston, Mass. Tire.	859,078	July 2	1179	318	129	399
Kempshall, Eleazer, assignor to Kempshall Tire Company, Boston, Mass. Making tires.	859,079	July 2	1181	318-19	129	400
Kempshall Tire Company. (See Kempshall, Eleazer, assignor.)						
Kempster, Daniel E., trustee. (See Ivory, John C., assignor.)						
Kempter, Fritz, Stuttgart, Germany. Stuffing-box arrangement for agitator-shafts in vacuum stirring apparatus.	849,621	Apr. 9	1992	408	127	2130
Kendal, Ramsey, Darlington, assignor of one-half to J. Stone and Company Limited, Deptford, England. Means for operating the valves of motive-power engines.	855,892	June 4	870	180-1	128	1914

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Kendall, Alonzo D., Wibaux, Mont. Buckle.....	859,080	July 2	1183	319	129	401
Kendall, Charles A., Concord, N. H., assignor of one-half to H. Merrill, Boston, Mass. Mail-sorting table.....	848,466	Mar. 26	5510	1200	127	1476
Kendall, Charles B. (See Gilman and Kendall.)						
Kendall, David, assignor to Alliance Machine Company, Alliance, Ohio. Automatic ratchet.....	844,808	Feb. 19	4173	889-90	126	2902
Kendall, David H., assignor to American Sun Bonnet Company, Lathrop, Mo. Making stiffenings for sunbonnets and the like.....	867,202	Sept. 24	3773	1066	130	1277
Kendall, Festus W., Elmira Heights, N. Y. Cuspidor.....	857,470	June 18	3930	836	128	2759
Kendall, Frank, Grant Park, Ill. Salt-shaker.....	871,803	Nov. 26	3447	846	131	960
Kender, Josef. (See Kerekes and Kender.)						
Kendig, Albert P. (See Goodner and Kendig.)						
Kendig, Jacob S., assignor to Keystone Farm Machine Company, York, Pa. Wheeled cultivator.....	873,376	Dec. 10	2223	462	131	1551
Kendig, Roscoe B., Cleveland, Ohio. Side door for cars.....	863,285	Aug. 13	1903	514-15	129	2708
Kendis, Michael B., Omaha, Nebr. Key-changing attachment for cornets.....	847,340	Mar. 19	3235	713	127	873
Kendis, Michael B., Omaha, Nebr. Bass-drum and cymbal beater.....	852,881	May 7	1054	217	128	269
Kendrick & Davis. (See Willis, Halle B., assignor.)						
Kendrick and Hill Manufacturing Company. (See Hill, Alfred, assignor.)						
Kendrick, James K., Germantown, Cal. Baggage-truck.....	862,338	Aug. 6	377	103	129	2201
Kendrick, John W., Chicago, Ill. Folding stake for railway-cars.....	845,097	Feb. 26	4739	1005	126	3084
Kendrick, John W., Chicago, Ill. Folding stake for railway-cars.....	850,585	Apr. 16	3785	789-90	127	2629
Kendrick, Solomon, assignor to Vogt Manufacturing and Coach Lace Company, Rochester, N. Y. Emergency stop-motion for narrow-fabric looms.....	871,704	Nov. 19	3230	800	131	897
Kenerson, William H., Providence, R. I., assignor to Riehle Brothers Testing Machine Company. Extensometer.....	869,716	Oct. 29	3961	1092-4	130	2625
Kenerson, William H., and A. J. Loepsinger, Providence, R. I. Method of and means for moving a gas or vapor by the direct application to it of a suitably-expanded medium.....	864,969	Sept. 3	331	88	130	106
Kenisell, John E., and C. C. Lowry, Detroit, Mich. Concrete-mixer.....	842,206	Jan. 29	4867	1038-9	126	1387
Kenna, Nellie, Phillipsburg, Pa. Auxiliary bottom for washboilers.....	857,809	June 25	4616	978	128	2865
Kenlon, John, New York, N. Y. Fire-truck signal.....	861,862	July 30	5500	1518	129	1923
Kenlon, John, New York, N. Y. Fire-hose holder.....	865,184	Sept. 3	641	181	130	195
Kenly, William K. (See Redding, Oliver C., assignor.)						
Kenna, Michael P., Dubuque, Iowa. Envelop addressing and printing machine.....	854,041	May 21	3403	701-2	128	939
Kenna, Patrick A., Sydney, New South Wales, Australia. Tobacco-pipe.....	840,567	Jan. 8	1589	349	126	450
Kenna, Patrick A., Sydney, New South Wales, Australia. Tobacco-pipe.....	855,893	June 4	874	181	128	1914
Kennard, Herbert A., Hazlehurst, Miss. Automatic wagon-brake.....	848,250	Mar. 26	5070	1108	127	1367
Kennedy, David S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	848,308	Mar. 26	5213	1137-8	127	1403
Kennedy, David S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	848,309	Mar. 26	5214	1138	127	1403
Kennedy, David S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	848,310	Mar. 26	5215	1138-9	127	1404
Kennedy, David S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	849,795	Apr. 9	2307	473	127	2210
Kennedy, David S., New York, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	850,114	Apr. 9	2882	602	127	2353
Kennedy, David S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	853,801	May 14	2884	592-3	128	774
Kennedy, Donald A., Ashland, Wis. Log-turner.....	852,231	Apr. 30	7092	1482-3	127	3531
Kennedy, Frank, Detroit, Mich. Neuroptometer.....	854,093	May 21	3520	726	128	970
Kennedy, Frank B. (See Murphy, William J., assignor.)						
Kennedy, Harold H. (See Hardegen and Kennedy.)						
Kennedy, Henry A., Natick, R. I. Automatic trolley-guard.....	859,667	July 9	2088	563	129	729
Kennedy, J. Fred. (See Martin, Charles B., assignor.)						
Kennedy, James W. (See Grotz and Kennedy.)						
Kennedy, James W., Burke, N. Y. Non-refillable bottle.....	866,477	Sept. 17	2651	740	130	892
Kennedy, James W., Chicago, Ill., assignor, by mesne assignments, to Kennedy Type-writer Company of Manhattan, New York, N. Y. Type-bar action for type-writing machines.....	868,095	Oct. 15	1387	388	130	1780
Kennedy, James W., Chicago, Ill., assignor, by mesne assignments, to Kennedy Type-writer Company of Manhattan, New York, N. Y. Ribbon mechanism for type-writing machines.....	873,244	Dec. 10	1931	405-6	131	1506
Kennedy, James W., Chicago, Ill., assignor, by mesne assignments, to Kennedy Type-writer Company of Manhattan, New York, N. Y. Type-writing machine.....	874,407	Dec. 24	4318	909-10	131	1958
Kennedy, Jesse B. (See Rosenberry, George, assignor.)						
Kennedy, John, Montreal, Quebec, Canada. Dredging and excavating machine.....	851,093	Apr. 23	4769	1001	127	2911
Kennedy, John E., New York, N. Y. Surgical instrument.....	851,941	Apr. 30	6515	1358	127	3384
Kennedy, Joseph A., et al. (See Betts, Lewis F., assignor.)						
Kennedy, Joseph E., New York, N. Y., and F. J. Hobson, Guanajuato, Mexico. Excavator.....	846,791	Mar. 12	2152	473-4	127	578
Kennedy, Joseph E., New York, N. Y., and F. J. Hobson, Guanajuato, Mexico. Distributing device for ores.....	846,792	Mar. 12	2155	474	127	578
Kennedy, Julian, Pittsburg, Pa. Ingot-manipulator.....	865,047	Sept. 3	444	120	130	136
Kennedy, Luis H., assignor of two-thirds to M. F. and J. R. Livingston, jointly, Columbia, S. C. Nut-lock.....	850,432	Apr. 16	3485	729	127	2552
Kennedy, Martin, assignor of one-half to W. Renshaw, Chicago, Ill. Draft-rigging.....	854,042	May 21	3405	702	128	940
Kennedy, Martin, assignor of one-half to W. F. Renshaw, Chicago, Ill. Railway-car construction.....	868,096	Oct. 15	1389	389	130	1780
Kennedy, Martin, assignor of one-half to W. F. Renshaw, Chicago, Ill. Grain-door.....	868,097	Oct. 15	1392	390	130	1782
Kennedy-McGregor, John A., Birmingham, England. Ship-cleaning apparatus.....	867,513	Oct. 1	431	122-3	130	1449
Kennedy-McGregor, John A., Birmingham, and H. Wren, Bexhill, assignors to H. W. Cox, Nottingham, England. Electrical switch.....	841,407	Jan. 15	3255	701-2	126	917
Kennedy, Michael R., Dansville, assignor to National Straw Pulp Company, New York, N. Y. Sample-tester for pulp-making apparatus.....	850,017	Apr. 9	2686	563	127	2305
Kennedy, Michael R., Dansville, assignor to National Straw Pulp Company, New York, N. Y. Rotary digester or cooker.....	870,562	Nov. 12	1085	297	131	384
Kennedy, Robert G., Largo, Scotland. Device for controlling a supply of water for irrigation, &c.....	859,081	July 2	1184	319	129	401
Kennedy, Samuel A., Chicago, Ill. Blast-furnace.....	843,950	Feb. 12	2190	468	126	2376
Kennedy, Samuel V., and C. S. Sharp, Auburn, N. Y., assignors, by mesne assignments, to International Harvester Company. Mowing-machine.....	845,794	Mar. 5	114	22	127	33
Kennedy, Thomas J., et al. (See Elkins and Hunter, assignors.)						
Kennedy Typewriter Company of Manhattan. (See Kennedy, James W., assignor.)						
Kennedy, Walter. (See Sample, Charles H., assignor.)						
Kennedy, Walter, Allegheny, Pa. Charge-distributing apparatus for blast-furnaces.....	868,346	Oct. 15	1773	500-1	130	1896

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Kennedy, Walter J., Grand Rapids, Mich. Gas-igniter.....	867,139	Sept. 24	3654	1038	130	1236
Kennedy, William, West Drayton, England. Apparatus for bending metal tubes.....	862,339	Aug. 6	377	103-4	129	2202
Kennedy, William P., New York, N. Y. Baggage-truck.....	858,658	July 2	526	135	129	182
Kennedy, Winnefred. (See Heimbucher, Gottlieb A., assignor.)						
Kenner, George A., and R. Folkel, Herrin, Ill. Car-loader.....	843,151	Feb. 5	633	134	126	1956
Kennerly, Charles W., and B. E. Stockwell, St. Louis, Mo. Antiseptic case for thermometers.....	857,631	June 25	4257	899	128	2874
Kennerly, Charles W., and B. E. Stockwell, St. Louis, Mo. Fountain hypodermic syringe.....	857,739	June 25	4474	944	128	2930
Kenney, David T., assignor to Vacuum Cleaner Company, North Plainfield, N. J. Separator for apparatus for removing dust.....	841,984	Jan. 22	4401	948	126	1238
Kenney, David T., assignor to Vacuum Cleaner Company, North Plainfield, N. J. Apparatus for removing dust.....	847,947	Mar. 19	4503	987-8	127	1189
Kenney, David T., assignor to Vacuum Cleaner Company, North Plainfield, N. J. Apparatus for removing dust.....	847,948	Mar. 19	4507	988-9	127	1189
Kenny, Hugh E., assignor to Chamberlin Metal Weather Strip Company, Detroit, Mich. Weather-strip.....	865,556	Sept. 3	750	213	130	227
Kenny, John E., Geneva, N. Y. Basket-handle.....	856,070	June 4	1184	251	128	1992
Kent, Arthur C., assignor to H. M. Kent, Janesville, Wis. Potato-eye remover.....	849,402	Apr. 9	1562	317	127	2023
Kent, Daniel, Worcester, Mass. Sorting device for cards.....	853,306	May 14	1923	398	128	526
Kent, Don H., assignor to American Automatic Light Company, Urbana, Ohio. Automatic gas-regulator.....	849,622	Apr. 9	1993	408-9	127	2130
Kent, Elihu B., Lansing, Mich. Transmission-gearing.....	875,183	Dec. 31	5892	1228	131	2236
Kent, Frederick R., Baltimore, Md. Thread-holder.....	870,183	Nov. 5	478	131-2	131	157
Kent, H. M. (See Kent, Arthur C., assignor.)	863,723	Aug. 20	2534	700	129	2938
Kent, Leon U., assignor to one-half to J. D. Putnam, Elmwood, Ill. Automatic vending-machine.....	868,989	Oct. 22	2801	773	130	2241
Kent, Randal, Pittsburg, Pa. Bracket.....	840,773	Jan. 8	1976	436	126	548
Kent, Robert S., Brooklyn, N. Y. Apparatus for drying charcoal.....	871,705	Nov. 19	3232	800-1	131	897
Kent, Thomas F., Newark, N. J. Hydrocarbon-burner.....	862,173	Aug. 6	101	27	129	2116
Kent, Thomas F., Newark, N. J. Inverted gas-burner.....	868,990	Oct. 22	2804	773-4	130	2242
Kentana, Louis. (See Sharp and Kentana.)						
Kenter, Max, Berlin, Germany. Chain-connecting link.....	859,082	July 2	1187	320	129	402
Kenyon, Arthur D., Cripple Creek, Colo. Foot-plate for drill-columns.....	841,019	Jan. 8	2470	538	126	673
Kenyon, Bertrand P., Grand Rapids, assignor to Shaw Walker Company, Muskegon, Mich. Card-index drawer.....	873,755	Dec. 17	2960	627	131	1710
Kenyon, Daniel M., assignor to one-half to J. B. Etherington, Bradford, Pa. Pipe-coupling and applying same.....	865,497	Sept. 10	1151	327-8	130	379
Kenyon, Daniel M., assignor to one-half to J. B. Etherington, Bradford, Pa. Implement for coupling pipe.....	865,498	Sept. 10	1154	328	130	381
Kenyon, Otis A., New York, N. Y. Electric tool.....	853,552	May 14	2379	495	128	643
Kenyon, Otis A., New York, N. Y. Cut-estimator.....	871,417	Nov. 19	2680	681	131	805
Kenyon, William J. C., and W. S. King, Omaha, Nebr. Blocking and derailling device.....	873,377	Dec. 10	2224	463	131	1551
Keowen, Katherine M., New York, N. Y. Piano-protecting pad.....	870,969	Nov. 12	1767	482	131	602
Keown, James W., Rome, Ga. Combined spring and lock hinge.....	866,791	Sept. 24	3130	881	130	1077
Kepler, Andrew, Springview, Nebr. Veterinary instrument.....	844,141	Feb. 12	2538	544	126	2459
Kepler, Francis M., Hanna City, Ill. Screen.....	862,644	Aug. 6	912	245	129	2366
Kepler, Irwin F., assignor to B. F. Goodrich Company, Akron, Ohio. Making hollow rubber articles having seams.....	868,668	Oct. 22	2315	641	130	2093
Kepler, Milton O. (See Lause, Collett, Kepler, and Gruber.)						
Kepplinger, George J., Dwight, Ill. Planing and sandpapering machine for floors.....	854,950	May 28	5186	1081	128	1424
Ker, Walter A. (See Gregory, Henry R., assignor.)						
Kerber, Leopold, and W. H. Bakehaus, Sigourney, Iowa. Sliding gate.....	843,681	Feb. 12	1684	357-8	126	2249
Kerby, Frederick C., Windsor, Ontario, Canada. Binding-cover.....	860,034	July 16	2658	723	129	943
Kerekes, Daniel. (See Rado and Kerekes.)						
Kerekes, Daniel, assignor of two-thirds to S. Lasko and J. Palovics, Bridgeport, Conn. Railway-train safety device.....	843,463	Feb. 5	1230	258	126	2100
Kerekes, Daniel, and J. Kender, Bridgeport, Conn. Life-saving apparatus.....	866,935	Sept. 24	3348	946	130	1144
Keresztes, George, Pittsburg, Pa. Trolley.....	874,345	Dec. 17	4185	881	131	1905
Keris, George T., and E. G. Naylor, Oakland, Md. Sawdust-blower.....	865,394	Sept. 10	989	283	130	329
Kerkovius, Leo. (See Schultness and Kerkovius.)						
Kermode, William J. (See Duckett, Samuel L., assignor.)						
Kern, Bernard, Jr., Toledo, Ohio. Rotary brush.....	857,525	June 18	4038	860	128	2788
Kern, Engelbert R., Faribault, Minn. Automatic funnel.....	847,081	Mar. 12	2732	602-3	127	720
Kern, Lawrence, Dayton, Ky. Preparing half-tone printing-plates.....	848,833	Apr. 2	472	92	127	1708
Kernan, Thomas J., Akron, Ohio. Syringe.....	845,303	Feb. 26	5153	1093	126	3189
Kernchen, Traugott, Rendsburg, Germany. Chimney-top.....	851,942	Apr. 30	6516	1358	127	3385
Kerner, Edward W., Erie, Pa. Fence-post.....	866,478	Sept. 17	2651	741	130	892
Kerngood, Herman, assignor to Alma Manufacturing Company of Baltimore City, Baltimore, Md. Snap-fastener stud.....	857,559	June 18	4105	872	128	2805
Kerouse, Otto, San Francisco, Cal. Cuspidor-cleaner.....	856,160	June 4	1372	289	128	2039
Kerr, Adelaide C., Trafford City, Pa. Kitchen-cabinet.....	873,440	Dec. 10	2327	489	131	1572
Kerr, Charles V., Wellsville, N. Y. Combined bushing and bearing for shafts of steam-turbines.....	846,746	Mar. 12	2064	453	127	555
Kerr, Charles V., assignor to Kerr Turbine Company, Wellsville, N. Y. Steam-turbine.....	846,747	Mar. 12	2066	453	127	555
Kerr, Charles V., assignor to Kerr Turbine Company, Wellsville, N. Y. Speed-governor.....	852,882	May 7	1055	217	128	270
Kerr, Charles V., assignor to Kerr Turbine Company, Wellsville, N. Y. Shaft-packing for steam-turbines.....	860,035	July 16	2659	723	129	944
Kerr & Company, Dick. (See Martin, Percy, assignor.)						
Kerr, Edward G. (See Young and Kerr.)						
Kerr, Frank. (See Kerr, Judson and F.)						
Kerr, James E., Philadelphia, Pa. Woven fabric.....	854,220	May 21	3766	779	128	1033
Kerr, Jesse J., Dunbar, Pa. Nut-cutting tool.....	870,441	Nov. 5	907	245	131	297
Kerr, John T., Aurora, Ill. Combined cane and stool.....	859,500	July 9	1822	490	129	643
Kerr, John W., and L. A. Hine, Chicago, Ill. Lamp-holder.....	862,563	Aug. 6	788	210	129	2328
Kerr, Judson and F., Philadelphia, Pa. Vegetable-peeler.....	840,000	Jan. 1	393	85	126	107
Kerr, Peter, A. J. Baumann, and A. J. Shanks, Portland, Oreg. Grain-huller.....	862,975	Aug. 13	1411	384	129	2553
Kerr, Robert M. (See Lerch and Kerr.)						
Kerr Turbine Company. (See Kerr, Charles V., assignor.)						
Kerr Turbine Company. (See Moore, James L., assignor.)						
Kerr, William A., New Castle, Pa. Die-head.....	847,186	Mar. 12	2924	643-4	127	767
Kerr, William M., Stamford, Conn. Sign.....	871,510	Nov. 19	2883	722	131	836
Kerrigan, Philip, assignor to himself and E. S. Averill, Chicago, Ill. Truck.....	855,405	May 28	6066	1268	128	1645
Kerrigan, Stephen J., Gilberton, Pa. Slate-jig.....	865,185	Sept. 3	643	181	130	196
Kerrison, Alfred C., St. John, New Brunswick, Canada. Rail-joint.....	858,659	July 2	528	136	129	183

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Kerry, A. S. (See Kerry, Aaron, assignor.)						
Kerry, Aaron, assignor of one-half to A. S. Kerry, Seattle, Wash. Horseshoe.....	862,257	Aug. 6	245	70	129	2158
Kerschgens, Andrew, administrator. (See Kerschgens, Joseph.)						
Kerschgens, Joseph, deceased; A. Kerschgens, Charleroi, Pa., administrator. Coke-oven.	850,939	Apr. 23	4485	938	127	2844
Kersey, Ida M., <i>et al.</i> (See Kersey, Richard, assignor.)						
Kersey, Richard, Lexington, Ky., assignor of one-half to S. T. Rice, Chattanooga, Tenn., and I. M. Kersey, Lexington, Ky. Physician's medicine-case.....	859,817	July 9	2299	625-6	129	798
Kersh, William L., Chapman, Miss. Churn-operating mechanism.....	843,751	Feb. 12	1812	386	126	2282
Kershaw, James L., Cleveland, Ohio. Sectional bookcase.....	863,286	Aug. 13	1905	515	129	2708
Kershaw, Louis W., assignor to E. Green and Son Limited, Wakefield, England. Joint-plate.....	852,276	Apr. 30	7166	1503-4	127	3548
Keseler, Lewis H., assignor of one-half to H. W. Howes, Agawam, Mass. Beehive.....	867,919	Oct. 8	1071	302-4	130	1660
Kesner, Jacob L., Chicago, Ill. Savings-bank.....	871,874	Nov. 26	3621	884	131	985
Kesselring, Wilhelm, Strassburg, Germany. Closet-flushing apparatus.....	860,548	July 16	3415	938	129	1193
Kessl, Franz. (See Jungers and Kessl.)						
Kessler, Ernest L. (See Kessler, Frederick C. and E. L.)						
Kessler, Ernst, Stuttgart, assignor of one-half to Lowenstein & Cie, Frankfort-on-the-Main, Germany. Apparatus for making measurements on fabric, piece goods, and the like.....	864,788	Sept. 3	35	11	130	13
Kessler, Frederick C. and E. L., St. Louis, Mo. Attachment for stoves and ranges.....	844,142	Feb. 12	2538	544	126	2460
Kessler, Henry, San Francisco, Cal. Steam-turbine.....	843,537	Feb. 5	1406	296	126	2144
Kessler, Jean, Frankfort-on-the-Main, Germany. Lock.....	868,867	Oct. 22	2618	723	130	2184
Kessler, John J., Jr., St. Louis, Mo. Oil-proof electrical insulating compound and making same.....	846,477	Mar. 12	1526		127	417
Kessler, Martin C., assignor to Kessler Motor Company, Denver, Colo. Explosive-engine.	867,279	Oct. 1	76	23-4	130	1337
Kessler Motor Company. (See Kessler, Martin C., assignor.)						
Kessler, Paul, Homestead, and T. Stein, Pittsburg, Pa. Pipe and tube cleaner.....	864,544	Aug. 27	3826	1060	129	3369
Kessler, William F., Auburn, Ind. Cheese-cutter.....	869,308	Oct. 29	3300	909	130	2425
Ketch, Alva W., Orlando, Okla. Ter. Windmill.....	847,949	Mar. 19	4510	989	127	1189
Ketcham, Charles H. (See Spang, Henry W., assignor.)						
Ketcham, Isaac A., New York, N. Y. Apparatus for controlling fishing-nets.....	871,943	Nov. 19	2507	646	131	781
Ketchledge, James T., Tunkhannock, Pa. Adjustable tongue.....	852,607	May 7	468	87	128	124
Ketchum, Edward F. (See Brower, James F., assignor.)						
Ketchum, George E., Marceline, Mo. Drag.....	851,943	Apr. 30	6517	1359	127	3385
Ketchum, Henry G., <i>et al.</i> (See Easdale, George, assignor.)						
Ketchum, Jesse B., Joplin, Mo. Kodak-film.....	856,783	June 11	2637	542	128	2396
Ketchum, Zebulum C., <i>et al.</i> (See Easdale, George, assignor.)						
Ketley, Frank. (See Hogbin and Ketley.)						
Ketteman, Charles W., Dayton, Ohio. Trolley-wire sleeve.....	848,035	Mar. 26	4712	1027	127	1277
Ketterer, George. (See Forsyth, Charles E., assignor.)						
Ketterer, Max, Springfield, Ohio. Attachment for lawn-mowers.....	854,424	May 21	4139	857-8	128	1129
Ketteringham, George W., Natchez, Miss. Bolt and nut-lock.....	875,438	Dec. 31	6392	1333	131	2317
Kettmann, Otto, Philadelphia, Pa. Combined match-safe and case.....	859,668	July 9	2089	564	129	729
Kettner, Stephen C., Woodboro, Wis. Cattle-guard.....	843,752	Feb. 12	1813	386	126	2282
Ketzler, Ernst, Chicago, Ill. Scouring-machine.....	872,823	Dec. 3	1058	222	131	1334
Ketzscher, Alwin, Rixdorf-Berlin, Germany. Newspaper-holder.....	842,464	Jan. 29	5454	1155	126	1546
Keuffel & Esser Company. (See Bernegau, Carl M., assignor.)						
Keuffel & Esser Company. (See Ferber, Philip, assignor.)						
Keuffel & Esser Company. (See Keuffel, Willie L. E., assignor.)						
Keuffel, Willie L. E., assignor to Keuffel & Esser Company, Hoboken, N. J. Tape-reel....	860,304	July 16	3050	836	129	1072
Keuffel, Willie L. E., Hoboken, N. J., assignor to Keuffel & Esser Company. Protractor.	865,597	Sept. 10	1313	372	130	427
Keuser, Emanuel, assignor of one-half to J. Hotz, Philadelphia, Pa. Automatic tension device for looms.....	844,523	Feb. 19	3358	725	126	2704
Kevorkian, Zareh H., Pittsburg, Pa. Elastic-fluid turbine.....	846,571	Mar. 12	1726	380-1	127	468
Kewley, Thomas F., Toledo, Ohio. Valve-operating mechanism for shower-bath apparatus.....	842,961	Feb. 5	233	52	126	1847
Key, Brewer W. (See Percival, Herbert E., assignor.)						
Key, James E., assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Milling-machine.....	860,218	July 16	2928	800-1	129	1030
Key, John P. (See Watkins, William D., assignor.)						
Keyes, Frederick S., Warren, Mass. Transmitting mechanism.....	852,883	May 7	1059	218	128	271
Keyes, James A., assignor to J. Mulholland, New York, N. Y. Fluid-vending machine.	842,207	Jan. 29	4869	1039	126	1387
Keyes, James A., New York, N. Y., assignor to United Wrapping Machine Company, Chicago, Ill. Machine for wrapping articles.....	852,961	May 7	1209	249-50	128	307
Keyes, John A., <i>et al.</i> (See Keyes, William W. W., assignor.)						
Keyes, W. E., <i>et al.</i> (See Thompson, Carl P., assignor.)						
Keyes, William H., Chicago, Ill. Foot-rest for vehicles.....	871,279	Nov. 19	2360	613	131	759
Keyes, William W. W., assignor of one-half to G. B. Roberts and J. F. Merker, Alexandria, Ind. Machine for making window or plate glass.....	846,316	Mar. 5	1181	259-61	127	299
Keyes, William W. W., assignor of one-half to J. A. Keyes, J. F. Merker, and J. Fall, Alexandria, Ind. Machine for making sheet or plate glass.....	855,185	May 28	5684	1182-3	128	1549
Keys, Frank H., Council Bluffs, Iowa. Fastening device.....	851,173	Apr. 23	4920	1035	127	2953
Keyse, Jesse H., Denver, Colo. Auxiliary trigger for guns.....	851,626	Apr. 23	5836	1219	127	3179
Keyser, William H., Wills Point, Tex. Building construction.....	853,802	May 14	2886	593	128	774
Keystone Brake-Shoe Company. (See Lamb, Van Buren, assignor.)						
Keystone Driller Co. (See Downie, Robert M., assignor.)						
Keystone Farm Machine Company. (See Kendig, Jacob S., assignor.)						
Keystone Telephone Company. (See Eaton, Richard M., assignor.)						
Keystone Telephone Company. (See Stakes, David F., assignor.)						
Keystone View Company. (See Pappenhagen, Charles L., assignor.)						
Keyworth, William C., Paterson, N. J. Machine for winding, lustering, and finishing silk, &c.....	872,734	Dec. 3	879	182	131	1305
Kiblinger, Lee, Jackson, La. Pole-changer.....	874,208	Dec. 17	3918	825	131	1860
Kickbush, William J., Buffalo, N. Y. Windmill.....	864,789	Sept. 3	37	11-12	130	14
Kidd, Andrew, Jr., Schenectady, N. Y., assignor to General Electric Company. Motor-control device.....	854,743	May 28	4761	989	128	1314
Kidd, Elijah. (See Johnson, Lewis, assignor.)						
Kidd, William C. (See Snow and Kidd.)						
Kidder Press Company. (See Mason, Robert, assignor.)						
Kidder, Wellington P., Boston, Mass., assignor to Parker Machine Company, Buffalo, N. Y. Carriage escapement mechanism.....	871,280	Nov. 19	2362	613	131	759
Kidder, Wellington P., Boston, Mass., assignor to Parker Machine Company, Buffalo, N. Y. Type-writing machine.....	871,344	Nov. 19	2508	647	131	781
Kidder, Wellington P., Boston, Mass., assignor to F. H. Goodyear and G. E. Matthews, trustees. Buffalo, N. Y. Portable tool-driver.....	861,369	July 30	4742	1296	129	1692

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Kidder, Wellington P., Boston, Mass., and C. W. Sponsel, Hartford, Conn., assignors to Parker Machine Company, Buffalo, N. Y. Type-writing machine.	871,281	Nov. 19	2364	614	131	760
Kidder, William E., Kalamazoo, Mich. Sleigh attachment for children's carriages.	841,786	Jan. 22	4005	865-6	126	1142
Kiddle, Richard H., Kinsman, Ohio. Check-valve.	846,317	Mar. 5	1187	261	127	300
Kidney, Josiah R., assignor to East Hampton Bell Co., East Hampton, Conn. Trolley-wheel.	862,485	Aug. 6	649	174	129	2290
Kidney, William A., Silver Bow, Mont. Screening-machine.	859,669	July 9	2090	564-5	129	730
Kidney, William C., New York, N. Y. Cycle.	846,033	Mar. 5	636	134	127	163
Kidney, William W., assignor to Century Telephone Construction Company, Buffalo, N. Y. Selective signaling system.	863,924	Aug. 20	2849	784	129	3036
Kidwell, Edward S., Baltimore, Md. Machine for stuffing pincushions.	865,107	Sept. 3	532	147-8	130	161
Kiebler, George J., and J. P. Stahl, Toledo, Ohio. Floor-surfacing machine.	850,229	Apr. 16	3108	650	127	2452
Kiehl, Frank, assignor of one-half to A. F. Hauser, Cincinnati, Ohio. Journal-bearing.	864,097	Aug. 20	3099	856	129	3113
Kiefer, Adolf, Heidelberg, Germany. Inner roofing.	845,361	Feb. 26	5264	1116	126	3216
Kiefer, Karl, Cincinnati, Ohio. Filtering element. (Reissue).	12,588	Jan. 8	2635	576	126	715
Kiefer, Karl, Cincinnati, Ohio. Bottle-filling machine.	865,395	Sept. 10	990	283-4	130	329
Kiefer, Peter, St. Louis, Mo. Air-motor.	868,868	Oct. 22	2619	724	130	2184
Kieffer, Joseph. (See Farkas and Kieffer.)						
Kiehle, James M., assignor of two-thirds to A. A. Mulkin and W. H. Richards, Coudersport, Pa. Pipe connection.	850,230	Apr. 16	3111	651	127	2453
Klein, Gus, <i>et al.</i> (See Marcus, André, assignor.)						
Kiel, John. (See Poole and Kiel.)						
Kielej, Timothy J., and F. T. Mueller, New York, N. Y. Feed-water heater.	844,026	Feb. 12	2320	496	126	2407
Kielej, Timothy J., and F. T. Mueller, New York, N. Y. Grease-extractor.	846,034	Mar. 5	639	134	127	164
Kiendl, Robert J. (See Ross, Martin H., assignor.)						
Kier, Martin J. (See Dukelow, Kier, and Jaeger.)						
Kieren, Henry, assignor of one-half to F. H. Miller, Crystal Falls, Mich. Blow-off valve.	862,741	Aug. 6	1066	287	129	2409
Kieren, Henry, assignor of one-half to F. H. Miller, Crystal Falls, Mich. Angle blow-off valve.						
Kiernan, Patrick W., Lowell, Mass. Apparatus for expanding or stretching textile fabrics.	862,826	Aug. 6	1194	322	129	2448
Kierzek, Frank, Argyle, Minn. Mower.	868,098	Oct. 15	1394	590	130	1782
Kiesel, William F., Jr., Altoona, Pa. Railway-car frame.	864,380	Aug. 27	3535	981	129	3275
Kiesel, William F., Jr., Altoona, Pa. Railway-car frame.	839,857	Jan. 1	99	24-6	126	28
Kiesel, William F., Jr., Altoona, Pa. Car-coupling.	842,889	Feb. 5	90	21-2	126	1813
Kiesel, William F., Jr., Altoona, Pa. Car-coupling.	856,530	June 11	2148	442	128	2271
Kiesel, William F., Jr., Altoona, Pa. Car-window.	865,499	Sept. 10	1156	328-9	130	382
Kiesel, William F., Jr., Altoona, Pa. Steel railway-car.	865,500	Sept. 10	1158	329-30	130	382
Kiesel, William F., Jr., Altoona, Pa. Motor-truck.	865,501	Sept. 10	1160	330	130	383
Kiesel, William F., Jr., Altoona, Pa. Molding.	866,479	Sept. 17	2652	741	130	892
Kiesel, William F., Jr., Altoona, Pa. Molding.	866,480	Sept. 17	2653	742	130	893
Kiesel, William F., Jr., Altoona, Pa. Metal interior construction.	866,481	Sept. 17	2654	742	130	893
Kiesler, Joseph, Chicago, Ill. Power-shovel.	862,468	Aug. 6	650	174-5	129	2290
Kieselbach, Clemens, Rath, near Düsseldorf, Germany. Valve.	851,358	Apr. 23	5311	1112	127	3049
Kieselbach, Clemens, Rath, near Düsseldorf, Germany. Compound engine.	866,936	Sept. 24	3349	946	130	1144
Kiessig, Bernhard R., assignor to American Music Company, Chicago, Ill. Key-action for musical instruments.	853,884	May 14	3078	632	128	820
Kiessig, Bernhard R., assignor to American Music Company, Chicago, Ill. Key-action for musical instruments.	853,885	May 14	3080	632	128	820
Kiewicz, John, Hyde Park, Mass., assignor to Wheeler Manufacturing Company. Buttonhole-sewing machine.	855,186	May 28	5688	1183-4	128	1550
Kiewicz, John, Hyde Park, Mass., assignor to Wheeler Manufacturing Company. Clamp-actuating mechanism for buttonhole-sewing machines.	868,189	Oct. 15	1505	427-8	130	1816
Kiffe, Henry. (See Chittenden, Ward B., assignor.)						
Kihlgren, David, Springfield, Mass. Tap-holder.	857,632	June 25	4258	899-900	128	2874
Kilbourn, Edward E., New Brunswick, N. J., assignor to Kilbourn Knitting Machine Company. Manufacture of seamless hosiery.	850,940	Apr. 23	4486	938	127	2844
Kilbourn Knitting Machine Company. (See Gilbert, George H., assignor.)						
Kilbourn Knitting Machine Company. (See Kilbourn, Edward E., assignor.)						
Kilbourne, Charles E., Troy, N. Y. Bed.	875,184	Dec. 31	5893	1228-9	131	2236
Kilbourne, Henry S., Nashville, Tenn. Railway-tie.	847,783	Mar. 19	4150	905-6	127	1104
Kilbourne and Jacobs Manufacturing Company. (See Doty, Charles H., assignor.)						
Kilbourne and Jacobs Manufacturing Company. (See Stagg, Thomas H., assignor.)						
Kilbourne and Jacobs Manufacturing Company. (See Stagg and Armack, assignors.)						
Kilburn, John, <i>et al.</i> (See Robertson, George W., assignor.)						
Kilby, Hacker, Johnson City, Tenn. Wrench.	861,863	July 30	5501	1519	129	1923
Kiley, Thomas R., Chicago, Ill. Horseshoe.	856,261	June 11	1578	331	128	2127
Kilgore-Peteler Company. (See Peteler, Charles B., assignor.)						
Kilhefner, Samuel, Ashland, Ohio. Blanket for cows.	864,003	Aug. 20	2958	815	129	3069
Killen, Edward B., London, England. Rail-joint.	853,090	May 7	1452	304	128	368
Killian, Charles A., Morse Bluff, Nebr. Pipe and rod grip.	849,623	Apr. 9	1996	409	127	2131
Killian, Edward J., Los Angeles, Cal. Cutlery.	848,251	Mar. 26	5071	1108	127	1368
Killian, George, Scranton, Pa. Detaching-cone for mine and other elevators.	845,177	Feb. 26	4887	1036	126	3123
Killing Molding Machine Company. (See Macphail, James, assignor.)						
Killpatrick, John W., Lowell, Mass. Shuttle-release motion.	844,874	Feb. 19	4293	916	126	2932
Killworth, Walter G., assignor to A. W. Loone, Scottsdale, Tasmania, Australia. Adjustable toe-clip for pedals.	859,818	July 9	2302	626	129	799
Kilpatrick, Philip H., <i>et al.</i> (See Myers, Francis M., assignor.)						
Kilpatrick, Robert L., assignor of one-third to J. D. Harvey and A. C. Browne, Hempstead, Tex. Shovel-plow.	840,700	Jan. 8	1831	403	126	512
Kilpatrick, Walter W., assignor to Air-Brake and Steam-Heat Connection Company, Atlanta, Ga. Flexible metallic coupling.	866,482	Sept. 17	2655	742-3	130	893
Kilpatrick, Walter W., assignor to Air Brake and Steam Heat Connection Company, Atlanta, Ga. Pipe-coupling.	868,869	Oct. 22	2620	724	130	2184
Kimball, Alonzo, assignor to A. Kimball Company, New York, N. Y. Pin ticket or tag.	857,740	June 25	4476	945	128	2930
Kimball, Alonzo, New York, N. Y., assignor to A. Kimball Company. Pin-ticket for fabrics and the like.	874,772	Dec. 24	5044	1062	131	2077
Kimball, Charles E., Dunning, Nebr. Tire-protector.	848,177	Mar. 26	4936	1078	127	1334
Kimball, Clinton. (See Garrels and Kimball.)						
Kimball, Edward T., <i>et al.</i> (See Abell, Rollin, assignor.)						
Kimball, Edward T. (See Campbell, Solomon A., assignor.)						
Kimball, Frank I., Herminie, Pa. Apparatus for shifting cars.	847,950	Mar. 19	4513	990	127	1190
Kimball, Frank R. (See Cove, George H., assignor.)						
Kimball, Frank R., <i>et al.</i> (See Cove, George H., assignor.)						
Kimball, Hannibal I., assignor to Neucraft Company, New York, N. Y. Rolling-press.	851,094	Apr. 23	4762	1002	127	2912
Kimball, James L., Salem, Mass. Engine stop-valve.	869,248	Oct. 29	3202	881-2	130	2395

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Kimball, Perley L., assignor to Vermont Farm Machine Company, Bellows Falls, Vt. Centrifugal cream-separator.	859,185	July 2	1343	356-7	129	453
Kimball, William W. (See Palmer and Kimball.)						
Kimber, Abraham, assignor of three-fifths to E. R. Treat, H. E. Drew, and F. C. Lory, Indianapolis, Ind. Mail catching and discharging apparatus.	852,792	May 7	856	173	128	219
Kimberling, John W. (See Kirkwood and Kimberling.)						
Kimberly & Clark Company. (See Thom, Peter R., assignor.)						
Kimble, Charles E., Columbus, Ohio. Exercise-bat.	875,273	Dec. 31	6060	1265	131	2265
Kimble, Ransom E., Vicksburg, Mich. Weighing device.	869,969	Nov. 5	132	37	131	43
Kimbro, John A., assignor of one-half to M. Pate, Georgetown, Tex. Well-pipe lifter.	874,086	Dec. 17	3681	774	131	1819
Kimche, Fisel, Detroit, Mich. Pipe-fitting.	853,413	May 14	2103	439	128	571
Kime, Frank A., Westfall, Ore. Hay-stacker.	849,796	Apr. 9	2308	474	127	2211
Kime, Pierson R., Grand Rapids, Mich. Steam-boiler furnace.	855,642	June 4	377	78	128	1790
Kimerer, Joseph C., Paris, Tex. Means for loading and unloading cars.	866,868	Sept. 24	3245	912-13	130	1112
Kimes, David, <i>et al.</i> (See McCann, Lee, assignor.)						
Kimes, George H. (See Kimes, John and G. H.)						
Kimes, Hugh W., assignor to Vaile and Kimes, Dayton, Ohio. Fluid-motor.	866,591	Sept. 17	2811	787-8	130	941
Kimes, Hugh W., assignor to Vaile & Kimes, Dayton, Ohio. Fluid-motor.	866,592	Sept. 17	2814	788-9	130	941
Kimes, John and G. H., Miles City, Mont. Land-leveler.	858,871	July 2	882	230	129	303
Kimman, Henry J., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, Chicago, Ill. Reciprocating tool.	855,515	June 4	137	28	128	1729
Kimman, Henry J., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company. Portable pneumatic drill.	871,939	Nov. 26	3750	913-15	131	1005
Kimmel, Samuel E., <i>et al.</i> (See Coleman, Samuel M., assignor.)						
Kimmel, William B., Boise, Idaho. Stove.	858,872	July 2	884	230	129	303
Kimmell, Edward G., Keyser, W. Va. Rotary measuring device.	844,364	Feb. 19	3024	646	126	2622
Kimple, Harry G., and E. Eiler, Dicksonburg, Pa. Mail-bag holder and deliverer.	844,365	Feb. 19	3026	646	126	2623
Kimsey, James C., assignor to American Paper Bottle Company, Philadelphia, Pa. Blank for paper tubes.	841,539	Jan. 15	2496	755	126	981
Kinander, Peter, Minneapolis, Minn. Piston-valve.	853,803	May 14	2888	593	128	775
Kinard, John M., assignor of one-half to A. Garland, Bremond, Tex. Acetylene-gas generator.	866,483	Sept. 17	2656	743	130	893
Kinberg, Eric G., New York, N. Y. Cover for journal-boxes.	853,460	May 14	2192	456	128	596
Kincaid, Joseph J., <i>et al.</i> (See Sitton, Benjamin J., assignor.)						
Kincaid, Willis M., Hiawatha, Kans. Washing-machine.	851,674	Apr. 30	5953	1243	127	3239
Kind, Maurice, <i>et al.</i> (See Loewenstein, Maximilian, assignor.)						
Kinder, Arthur H., assignor to L. C. Chase & Co., Boston, Mass. Lap-robe.	849,624	Apr. 9	1996	409	127	2131
Kinder, Arthur H., Roxbury, assignor to F. B. Hopewell, Newton, Mass. Spare-tire case.	858,458	July 2	142	38	129	47
Kindermann, August, Cincinnati, Ohio. Hat-frame machine.	848,467	Mar. 26	5511	1201	127	1477
Kindig, Samuel C., assignor to F. Henkelman, Baltimore, Md. Spike.	855,318	May 28	5917	1234	128	1608
Kindig, Samuel C., assignor of one-half to W. Wittler, Baltimore, Md. Stamp-affixing machine.	870,726	Nov. 12	1354	370	131	475
Kindt, William, Belleville, Kans. Portable stack-cover.	870,563	Nov. 12	1087	298	131	384
Kinealy, John H., Ferguson, Mo. Air-purifying apparatus.	852,122	Apr. 30	6896	1440	127	3480
Kiner, Nelson, assignor to I. G. and B. F. Osgood, Marseilles, Ill. Harrow-sulky.	848,997	Apr. 2	769	157	127	1783
King, Albert F. A., Washington, D. C. Stocking.	840,629	Jan. 8	1702	374	126	480
King, Alphonse, San Antonio, Tex. Railway-track construction.	850,373	Apr. 16	3378	706	127	2525
King, Alphonse, San Antonio, Tex. Railway-rail.	857,741	June 25	4478	945	128	2930
King, Arthur C., Madison, Wis., assignor to Northern Electrical Manufacturing Company. Starting device for electric motors.	843,753	Feb. 12	1815	386	126	2283
King, Arthur C., Madison, Wis., assignor to Northern Electrical Manufacturing Company. Dynamo-electric machine.	860,979	July 23	4119	1128	129	1455
King, Charles, assignor to F. & N. Lawn Mower Company, Richmond, Ind. Grinding-machine.	850,374	Apr. 16	3379	706-7	127	2525
King, Charles B. (See King, Barnhart, and King.)						
King, Charles B. (See Stump, King, and Barnhart.)						
King, Charles B., Detroit, Mich. Change-speed gear.	869,494	Oct. 29	3600	987-8	130	2517
King, Charles B., assignor to Northern Motor Car Company, Detroit, Mich. Apparatus for transmitting motion.	857,002	June 11	3038	639-40	128	2496
King, Charles C., New York, assignor to C. W. Hunt Company, West New Brighton, N. Y. Machinery for handling coal, ore, &c.	865,913	Sept. 10	1814	505-6	130	597
King, Charles I., New York, N. Y., assignor to H. W. Johns-Manville Company. Carding-machine.	868,991	Oct. 22	2805	774	130	2242
King, Clarence D., and A. H. Milstead, Atlanta, Ga., assignors to Elliott-Fisher Company, New York, N. Y. Type-writer attachment.	846,671	Mar. 12	1927	424-5	127	520
King, Dean W., Jr., San Francisco, Cal. Gun-sight.	846,217	Mar. 5	1004	215	127	255
King, Edwin A., Philadelphia, Pa. Drier.	861,733	July 30	5291	1456-8	129	1859
King, Edwin P., assignor, by mesne assignments, to George Murphy, Incorporated, New York, N. Y. Light-controller.	847,287	Mar. 12	3118	687	127	817
King, Ernest A., assignor to Henry Dissston & Sons, Incorporated, Philadelphia, Pa. Bevel.	869,851	Oct. 29	4156	1147	130	2683
King, Frederick B., Bridgeport, Conn., assignor, by mesne assignments, to Gillette Safety Razor Company, Boston, Mass. Protector for safety-razor blades.	875,274	Dec. 31	6061	1265	131	2265
King, Garry D., Cusseta, Ga. Soldering-iron.	861,035	July 23	4206	1152	129	1481
King, George W., assignor to Marion Steam Shovel Company, Marion, Ohio. Dredge.	839,934	Jan. 1	264	57	126	73
King, George W., assignor to Marion Steam Shovel Company, Marion, Ohio. Hoisting mechanism.	849,625	Apr. 9	1997	409-10	127	2131
King, George W., assignor to Marion Steam Shovel Company, Marion, Ohio. Excavating-dipper.	856,707	June 11	2497	512-13	128	2360
King, George W., H. J. Barnhart, and C. B. King, assignors to Marion Steam Shovel Company, Marion, Ohio. Steam-engine.	842,465	Jan. 29	5454	1156-7	126	1546
King, George W., H. J. Barnhart, and C. B. King, assignors to Marion Steam Shovel Company, Marion, Ohio. Steam-shovel.	873,756	Dec. 17	2962	627-9	131	1711
King & Hamilton Company. (See Gilman, John H., assignor.)						
King, Henry C., Swindon, England. Valve.	856,470	June 11	2043	419-20	128	2246
King, Henry E., Bunkie, La. Automatic light-switch.	868,870	Oct. 22	2621	724	130	2185
King, Henry R., Hinsdale, assignor to Western Electric Company, Chicago, Ill. Dynamo-electric machine with commutating-poles.	854,425	May 21	4141	858	128	1130
King, Homer A., Colton, Cal. Rotary engine.	874,684	Dec. 24	4871	1024-5	131	2048
King, Howard G., Denver, Colo. Rotary screen, ore sizer, and sampler.	854,744	May 28	4764	989-90	128	1315
King, Howard K., Philadelphia, Pa., assignor to Chambers Brothers Company. Sheet-registering device for folding-machines.	844,809	Feb. 19	4174	890-1	126	2902
King, Isaac L., Pavia, Pa. Registry package-envelop.	863,724	Aug. 20	2535	700	129	2938
King, Jacob, Corinth, Miss. Baling-press.	865,186	Sept. 3	643	182	130	196

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King, James B. (See Schultis, Charles F., assignor.)						
King, James C., Callahan, Cal. Fruit-clipper.....	867,514	Oct. 1	433	123	130	1450
King, James W., <i>et al.</i> (See Henderson and King, assignors.)						
King, Jesse C., assignor to Willson Carbide Company, Limited, St. Catharines, Ontario, Canada. Acetylene-generator.....	861,734	July 30	5295	1458-9	129	1860
King, Jesse C., assignor to Willson Carbide Works Company of St. Catharines, Limited, St. Catharines, Ontario, Canada. Manufacture of calcium carbid, &c.....	872,351	Dec. 3	68	13	131	1179
King, Jesse C., assignor to Willson Carbide Works Company of St. Catharines, Limited, St. Catharines, Ontario, Canada. Electric furnace.....	872,352	Dec. 3	72	13-14	131	1179
King, John. (See Purvis and King.)						
King, John, Oakland, Me. Combined fork and spoon.....	854,745	May 28	4768	990	128	1316
King, John M., and E. C. Russell, Reading, Pa. Combined hat and book holder.....	861,660	July 30	5185	1423	129	1829
King, John N. (See Henderson and King.)						
King, Joseph J., Barlow, Oreg. Nut-lock.....	845,362	Feb. 26	5265	1116	126	3216
King, Leonidas E., Marshalltown, Iowa. Carpet cutting and fraying machine.....	861,661	July 30	5185	1423-4	129	1829
King Machine Tool Company. (See Muller, Edward A., assignor.)						
King Manufacturing Co. (See Haynie, Brooks, assignor.)						
King, Michael, Wickham, and J. E. James, Islington, New South Wales, Australia. Coin-slot meter and machine.....	855,061	May 28	5420	1125	128	1484
King Quick Gerber Co. (See Gerber, Alphonse, assignor.)						
King, Rice and Ganey. (See Rice, Joseph T., assignor.)						
King, Robert E., Beaufort, N. C. Smoking device.....	840,853	Jan. 8	2125	469	126	584
King, Robert O. (See Wetherspoon and King.)						
King, Robert O., North Tonawanda, N. Y. Greenhouse-bench.....	858,187	June 25	5391	1148	128	3160
King, Robert P., assignor, by mesne assignments, to Champion Lever Machine Company, Indianapolis, Ind. Machine-driving mechanism.....	847,784	Mar. 19	4152	906	127	1105
King, Robert W., Toronto, Ontario, Canada. Roof construction.....	858,459	July 2	142	38-9	129	47
King, Roswell B. (See McVoy and King.)						
King, Samuel A. (See Coutant, George E., assignor.)						
King, T. J., <i>et al.</i> (See Easterling, Robert W., assignor.)						
King, Theophilus, <i>et al.</i> (See Schuman, James B., assignor.)						
King, Theophilus, <i>et al.</i> (See Sharpe, Joseph K., Jr., assignor.)						
King, Theophilus, trustee. (See Van Osdol, Charles E., assignor.)						
King, Thomas B., Ephrata, Wash. Life-boat.....	873,557	Dec. 10	2570	541	131	1611
King, Thomas J. (See Barrow and King.)						
King, Thomas J., New York, N. Y. Weeding and cultivating device.....	843,399	Feb. 5	1115	232	126	2071
King, Thomas J., Richmond, Va. Combined weeder and harrow.....	862,401	Aug. 6	488	130	129	2240
King, Thomas R., Hope, Ark. Sawing-machine.....	860,486	July 16	3327	911	129	1164
King, Tom C. (See Kroencke, Alfred J., assignor.)						
King, Walter H. G., Denver, Colo. Safety-razor.....	854,506	May 21	4290	887	128	1167
King, Willard E., and C. Winburn, Topeka, Kans. Sewer-cleaning device.....	868,992	Oct. 22	2806	774	130	2243
King, William C., assignor of one-half to W. G. Aiken, Campbell, Cal. Disk harrow.....	842,671	Jan. 29	5889	1241	126	1651
King, William H., Newark, N. J., assignor to Simplex Cutting Machine Co. Cloth-cutting machine.....	841,325	Jan. 15	3092	668-9	126	875
King, William H. T., Dallas, Tex. Railway-rail joint.....	847,187	Mar. 12	2925	644	127	768
King, William J., Watervalley, Miss. Coupling device.....	864,652	Aug. 27	3992	1108	129	3419
King, Winfield S. (See Kenyon and King.)						
Kingman Plow Company. (See Goodnight and Duffin, assignors.)						
Kingman Plow Company (See Mitchell and Taylor, assignors.)						
Kingsbury Box & Printing Company. (See Davis, Charles C., assignor.)						
Kingsbury, Forrest W., assignor to Peerless Tank and Seat Works, Evansville, Ind. Water-closet tank.....	840,341	Jan. 1	1105	240	126	295
Kingsbury, Forrest W., assignor to Peerless Tank and Seat Works, Evansville, Ind. Water-closet seat.....	840,342	Jan. 1	1106	241	126	295
Kingsbury, Frederick C. (See Marsh, Elmer E., assignor.)						
Kingsbury, Frederick C. (See Orbison, Kingsbury, and Pray.)						
Kingsbury, Harry T., Keene, N. H. Toy ladder-truck.....	844,875	Feb. 19	4295	916-17	126	2932
Kingsbury, Harry T., Keene, N. H. Toy ladder-truck.....	844,876	Feb. 19	4297	917	126	2933
Kingsbury, Harry T., Keene, N. H. Toy ladder-truck.....	844,877	Feb. 19	4300	917-18	126	2934
Kingsbury, Harry T., Keene, N. H. Toy swing.....	872,069	Nov. 26	4069	975	131	1050
Kingsland, Allan B., Burlington, Vt. Portable oven.....	873,558	Dec. 10	2571	541	131	1611
Kingsley, Frank E., Everett, Mass. Vacuum-valve.....	848,178	Mar. 26	4938	1078	127	1334
Kingsley, George E., Toronto, Ontario, Canada. Apparatus for the treatment of sulfids and other ores.....	852,510	May 7	265	49	128	73
Kingsley, James R., New York, N. Y. Paper-hanger's trestle.....	844,143	Feb. 12	2540	545	126	2460
Kingsley, Nathan S., West Gouldsboro, Me. Timber-jack.....	871,122	Nov. 19	2016	549	131	706
Kingston, James, assignor to J. A. Jeffrey, Columbus, Ohio. Chain.....	856,350	June 11	1810	375	128	2189
Kingwill, Charles G. (See Rathbun, John B., assignor.)						
Kinkead, James I., Redding, Cal. Device for transmitting power.....	853,553	May 14	2382	496	128	644
Kinkead, William, Clyde, and J. T. Gillespie, Chicago, Ill. Ticket-cutter.....	867,978	Oct. 15	1206	333	130	1724
Kinkler, Emil J. (See Krueger, Kinkler, and Carmichael.)						
Kinley, John H., Upper Sandusky, Ohio. Flue-stop.....	840,343	Jan. 1	1107	241	126	296
Kinnard, Leonard H., assignor of one-half to R. S. Chamberlin, Harrisburg, Pa. Tire-protecting device.....	867,515	Oct. 1	434	123	130	1450
Kinnard, Will M. (See Marsh, William P.)						
Kinnear, Blanch T., Clinton, Mass. Stove-lid lifter.....	866,937	Sept. 24	3350	947	130	1145
Kinnear, Clifford W., Beardstown, Ill. Mortising-tool.....	842,318	Jan. 29	5103	1085	126	1446
Kinnear Manufacturing Company. (See McCloud, Edward H., assignor.)						
Kinnear, Peter. (See Loftus, John, assignor.)						
Kinnear, William R., New York, N. Y. Radiator.....	841,985	Jan. 22	4402	948-9	126	1233
Kinnear, William R., New York, N. Y. Making sheet-metal radiators.....	845,304	Feb. 26	5155	1093-4	126	3190
Kinnebrew, James E., Sharpsburg, Pa. Car-fender.....	842,559	Jan. 29	5633	1191	126	1565
Kinnell, George N., Pittsfield, Mass. Overshoe for horses.....	872,287	Nov. 26	4496	1067	131	1120
Kinney, Charles, Elmira Heights, and E. P. Harris, Horseheads, N. Y. Antifriction rein-guide.....	871,596	Nov. 19	3046	758	131	865
Kinney, John P., Pocatello, Idaho. Telegraph-key.....	874,602	Dec. 24	4707	989	131	2022
Kinney, Justus R., Dorchester, Mass. Rotary motor.....	872,133	Nov. 26	4195	1002	131	1071
Kinney, William J., Seaforth, Ontario, Canada. Wind-wheel.....	854,652	May 21	4556	951	128	1232
Kinsella, Thomas R., and C. W. Hodgetts, Hartwell, Ohio. Alarm.....	866,484	Sept. 17	2658	743	130	894
Kinsey, Ernest U., Rutherford, N. J. Vacuum-vent for jars.....	866,938	Sept. 24	3350	947	130	1145
Kinsey, Ernest U., Rutherford, N. J. Cabinet.....	874,087	Dec. 17	3682	774-5	131	1819
Kinsler, George B., assignor of one-half to J. A. Bennett, Hartford, Conn. Shaft-coupling.....	853,307	May 14	1924	398	128	526
Kinsman, Frank E., Plainfield, N. J. Means for resetting automatic controlling devices for vehicles or trains.....	868,993	Oct. 22	2808	774-5	130	2243
Kinsman, Frank E., Plainfield, N. J. Insulated joint.....	869,788	Oct. 29	4066	1122	130	2656

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Kinsman, Frank E., Plainfield, N. J. Means for controlling fluid-pressure.	870,630	Nov. 12	1201	325	131	427
Kinson, James D., Tolar, assignor of one-half to J. M. Wright, Weatherford, Tex. Power-hammer.	864,970	Sept. 3	333	89	130	106
Kinstle, John F., and J. M. Peck, Warren, Ind. Grinding-machine.	849,626	Apr. 9	2002	410	127	2133
Kinter, Henry L., Curran, Ill. Penholder.	845,178	Feb. 26	4888	1037	126	3123
Kintner, Adrian C., assignor of one-half to W. C. Messman, Cumberland, Md. Eyeglasses.	845,037	Feb. 19	4599	979	126	3008
Kintner, Charles J., New York, N. Y. Means for attaching flexible tubes to sources of water-supply.	863,571	Aug. 13	2305	631	129	2831
Kintner, Charles J., New York, N. Y. Railway signal and safety appliance.	869,970	Nov. 5	133	38	131	43
Kintner, Samuel M. (See Skinner and Kintner.)						
Kintner, Samuel M., Pittsburg, Pa., and W. W. Hanks, Durham, N. C., assignors to Westinghouse Electric & Manufacturing Company. Separating liquids.	854,295	May 21	3903	805	128	1070
Kintz Herbert, Sharpsburg, Pa. Bed.	869,911	Nov. 5	53	16	131	18
Kip, Frederic E., Montclair, N. J. Stiffening pile fabrics.	848,908	Apr. 2	626	125	127	1749
Kip, Frederic E., Montclair, N. J. Apparatus for dressing or stiffening pile fabrics.	848,909	Apr. 2	627	125-6	127	1749
Kiper, Samuel, Duff, Ky. Fire-screen.	841,020	Jan. 8	2472	538	126	673
Kirberg, Jacob E., Philadelphia, Pa., assignor to Hensel Colladay Company. Machine for making braids and trimmings.	844,027	Feb. 12	2322	497-8	126	2407
Kirberg, Jacob E., assignor to Hensel-Colladay Company, Philadelphia, Pa. Braiding-machine.	847,005	Mar. 12	2579	567	127	685
Kirby, Gulesberry M., Aurora, Mo. Tent.	842,672	Jan. 29	5891	1242	126	1651
Kirby, John, Jr., Dayton, Ohio, assignor to United States Headlight Company, Buffalo, N. Y. Electric-arc headlight.	860,036	July 16	2662	723	129	946
Kirby, Robert C., assignor of one-half to R. H. Turner, Rockford, Ill. Buckle.	855,251	May 28	5806	1210	128	1580
Kirby, William B., Wellington, Tex. Mechanical movement.	858,873	July 2	885	231	129	305
Kirchhoff & Neirath Berlin American Commercial Company. (See Fuhrmann, Franz, assignor.)						
Kirchhoff, Richard, assignor to Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Orange lake and making same.	842,560	Jan. 29	5636		216	1586
Kirchner, Albert J. (See Ohmer, Kirchner, and Hill.)						
Kirchner, Albert J., assignor to Recording and Computing Machines Company, Dayton, Ohio. Register.	867,049	Sept. 24	3524	1000	130	1199
Kirchner, August and W. Cleveland, Ohio. Door-opener.	840,630	Jan. 8	1703	374	126	480
Kirchner, William. (See Kirchner, August and W.)						
Kirk, Albert E., Rensselaer, Ind., assignor of one-half to Putnam Lumber, Coal & Planing Mill Company, Hoopeston, Ill. Roofing.	868,930	Oct. 22	2716	748	130	2215
Kirk, Cassius M. C., Nahcotta, Wash. Wrench.	850,760	Apr. 16	4127	863	127	2713
Kirk, George E., Toledo, Ohio, assignor to Allis-Chalmers Company, Milwaukee, Wis. Roasting-furnace.	863,187	Aug. 13	1756	471	129	2664
Kirk, Harry D. (See Kirk, Walter I., assignor.)						
Kirk, Leotis W., assignor of one-half to W. L. Hartman, Pueblo, Colo. Machine for charging retorts.	857,074	June 18	3188	671	128	2575
Kirk, Mahlon Z., Denver, Colo., assignor to John C. Winston Company, Philadelphia, Pa. Adjustable bookbinder.	855,894	June 4	875	181	128	1914
Kirk, Robert H., assignor to "Long Arm" System Company, Cleveland, Ohio. Apparatus for electrically operating water-tight bulkhead-doors.	871,804	Nov. 26	3448	846-9	131	960
Kirk, Wallace R., Kansas City, Mo. Drop-switch railway-siding.	852,565	May 7	391	71-2	128	103
Kirk, Walter I., assignor of one-half to H. D. Kirk, Chicago, Ill. Cream-separating device.	859,885	July 9	2415	657	129	832
Kirk, William C., Chattanooga, Tenn. Curved pipe.	850,586	Apr. 16	3756	790	127	2629
Kirk, William C., Chattanooga, Tenn. Pipe-curling machine.	867,380	Oct. 1	235	68	130	1384
Kirk, William H., Minneapolis, Minn. Gas-burning appliance for stove-ovens.	866,143	Sept. 17	2166	603-4	130	736
Kirk, Raphael S. (See Israel and Kirk.)						
Kirkbride, John W., Egg Harbor City, N. J. Bake-pan.	859,605	July 9	1993	538	129	700
Kirkeberg, Carl J., Eagle Grove, Iowa. Harrow attachment for corn-cultivators.	856,471	June 11	2044	420	128	2247
Kirkegaard, Georg. (See Jebson, Fridtjof, assignor.)						
Kirkegaard, Georg, New York, N. Y. Bottle-capping machine.	844,028	Feb. 12	2324	498	126	2408
Kirkegaard, Georg, New York, N. Y. Machine for capping bottles.	844,144	Feb. 12	2541	545	126	2460
Kirkegaard, Georg, New York, N. Y. Machine for capping bottles.	846,218	Mar. 5	1006	216	127	255
Kirkegaard, Georg, New York, N. Y. Bottle-stopper.	856,472	June 11	2046	420	128	2247
Kirkegaard, Georg, New York, N. Y. Bottle-capping machine.	871,998	Nov. 26	3917	944	131	1026
Kirkegaard, Georg, New York, N. Y. Head for bottle-capping machines.	873,245	Dec. 10	1957	406	131	1506
Kirkegaard, Georg, New York, N. Y. Bottle-stopper.	873,867	Dec. 17	3195	681	131	1748
Kirkegaard, Georg, New York, N. Y. Bottle-stopper.	874,685	Dec. 24	4874	1025	131	2049
Kirkegaard, Georg, assignor of one-half to F. Jebson, New York, N. Y. Bottle-stopper.	845,646	Feb. 26	5804	1227	126	3349
Kirkegaard, Georg, assignor of one-half to F. Jebson, New York, N. Y. Bottle-stopper.	847,006	Mar. 12	2583	567	127	686
Kirkendall, Sarah M. (See Minier, David L., assignor.)						
Kirker, James M., deceased, Cincinnati, Ohio; (N. Ritter, administratrix,) assignor of one-half to G. W. Elmes, Newport, Ky. Non-refillable bottle.	865,710	Sept. 10	1484	419	130	483
Kirkham, Orlando, Marshalltown, Iowa. Duplex wind-motor.	844,454	Feb. 19	3192	689	126	2663
Kirkland, Arthur. (See Holmberg, Edward P., assignor.)						
Kirkman, Fred L., Glenwood, Mo. Side-delivery hay-rake.	842,208	Jan. 29	4872	1039-40	126	1388
Kirkman, Madison L. (See Shutz and Kirkman.)						
Kirkman, Madison L., et al. (See Shutz, John A., assignor.)						
Kirkpatrick, Alexander K. (See Lamb and Kirkpatrick.)						
Kirkpatrick, Alexander L. and J. C. Hugo, Ind. Ter. Reach-coupling.	848,555	Mar. 26	5661	1240	127	1512
Kirkpatrick, Charles P., et al. (See Wilcox, Charles M., assignor.)						
Kirkpatrick, James, assignor of one-half to A. R. Turner, Hudson, Wis. Harrow-cart.	862,487	Aug. 6	652	175	129	2291
Kirkpatrick, James C. (See Kirkpatrick, Alexander L. and J. C.)						
Kirkpatrick, James E., et al. (See Wilcox, Charles M., assignor.)						
Kirkpatrick Manufacturing Company. (See Kirkpatrick, William H. G., assignor.)						
Kirkpatrick, Wallace, Savage, Minn. Boat.	855,062	May 28	5422	1125	128	1485
Kirkpatrick, William H. G., assignor to Kirkpatrick Manufacturing Company, Philadelphia, Pa. Molding for electric wiring.	867,140	Sept. 24	3655	1038	130	1237
Kirkwood, Robert, and J. W. Kimberling, Moran, assignor of one-half to L. A. Sheets, Michigantown, and W. J. Nees, Moran, Ind. Fence-machine.	875,185	Dec. 31	5894	1229	131	2237
Kirkwood, William, Chicago, Ill. Gas-generator.	875,186	Dec. 31	5896	1229	131	2237
Kirman, Richard. (See Borchert, William, assignor.)						
Kirn, William, Rossville, Kans. Corn-drill.	855,787	June 4	665	136	128	1865
Kirsch, Charles W., Chicago, Ill. Elevator-gate-closing means.	840,344	Jan. 1	1109	241	126	296
Kirsch, Charles W., assignor to Kirsch Manufacturing Company, Three Rivers, Mich. Curtain-rod.	850,089	Apr. 9	2825	592	127	3339
Kirsch, Charles W., Chicago, Ill., assignor to Elevator Supply & Repair Company. Door mechanism for elevator-shafts.	868,449	Oct. 15	1940	541-2	130	1946
Kirsch Manufacturing Company. (See Kirsch, Charles W., assignor.)						
Kirschner, Adolphe F., Pittsburg, Pa. Separating minerals.	855,895	June 4	877	182	128	1915
Kirschweng, John, Butte, Mont. Current-motor.	852,022	Apr. 30	6711	1395	127	3435

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Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g.	Vol.	Page.
Kirstein, John E., Clarion, Iowa. Measuring stock-feeding trough.....	863,071	Aug. 13	1567	423	129	2604
Kirstein, John S., Canton, S. D. Poising and truing tool for balance-wheels.....	843,754	Feb. 12	1816	387	126	2283
Kirstein, John S., Canton, S. D. Truing-tool.....	859,819	July 9	2303	626	129	799
Kirstein, John S., Canton, S. D. Spring-attaching means for clockworks.....	863,725	Aug. 20	2536	700	129	2939
Kiser, Alvie V., Marion, Ohio. Crane.....	849,403	Apr. 9	1564	317	127	2023
Kiser, Isaac L., and O. M. Prince, St. Charles, Mo. Safety device for indicators.....	869,093	Oct. 22	2963	818-19	130	2293
Kiser, Isaac L., and O. M. Prince, St. Charles, Mo. Car construction.....	870,296	Nov. 5	666	178	131	218
Kiser, Jacob J., deceased; F. Jones, executor, assignor to W. E. Kiser, Stansberry, Mo. Adjustable curtain-fixture.....	841,089	Jan. 8	2615	572	126	710
Kiser, Sebastian C. (See Smith, Joseph E., assignor.)						
Kiser, William E. (See Kiser, Jacob J., assignor.)						
Kissel, William H., Avoca, Iowa. Apparatus for testing seeds.....	865,502	Sept. 10	1161	330	130	383
Kistler, Florentine R., Youngstown, Ohio. Game apparatus.....	854,951	May 28	5189	1081	128	1425
Kistler, Samuel L. (See Bell, Walter J., assignor.)						
Kistler, Samuel L., Los Angeles, Cal. Nozzle for vaginal syringes.....	868,450	Oct. 15	1944	543	130	1947
Kitchel, Horace. (See Warner and Kitchel.)						
Kitchen, John H., et al. (See Smith, Fred P., assignor.)						
Kitchen, Joseph M. W., East Orange, N. J. Sectional boiler or furnace.....	843,612	Feb. 12	1555	329	126	2214
Kitchen, Joseph M. W., East Orange, N. J. Combustion apparatus.....	871,597	Nov. 19	3046	758-9	131	865
Kitchen, Joseph M. W., East Orange, N. J. Generator.....	874,850	Dec. 24	5174	1090-1	131	2102
Kitchener, Samuel A., Los Angeles, Cal. Telephone-index.....	856,161	June 4	1373	289	128	2040
Kitching, William, Joplin, assignor to Haynes-Langenberg Manufacturing Company, St. Louis, Mo. Gas-burner.....	872,134	Nov. 26	4198	1002-3	131	1071
Kite, Willis, Las Animas, Colo. Beet-harvester.....	845,098	Feb. 26	4740	1005	126	3084
Kitsee, Isidor, Philadelphia, Pa. Increasing the efficiency of alternating currents.....	844,810	Feb. 19	4179	891	126	2903
Kitsee, Isidor, Philadelphia, Pa. Telephony.....	844,811	Feb. 19	4184	891	126	2904
Kitsee, Isidor, Philadelphia, Pa. Means to increase the efficiency of alternating currents.....	844,878	Feb. 19	4302	918	126	2934
Kitsee, Isidor, Philadelphia, Pa. Telephone system.....	846,413	Mar. 5	1391	307	127	353
Kitsee, Isidor, Philadelphia, Pa. Telegraphic receiving device.....	846,416	Mar. 5	1399	308	127	355
Kitsee, Isidor, Philadelphia, Pa. Electric switch.....	847,007	Mar. 12	2585	568	127	686
Kitsee, Isidor, Philadelphia, Pa. Converter.....	847,008	Mar. 12	2586	568	127	687
Kitsee, Isidor, Philadelphia, Pa. Telegraphy.....	847,188	Mar. 12	2927	644	127	768
Kitsee, Isidor, Philadelphia, Pa. Electric telegraphy.....	847,189	Mar. 12	2931	644	127	769
Kitsee, Isidor, Philadelphia, Pa. Electric transmission of intelligence.....	848,750	Apr. 2	257	52	127	1652
Kitsee, Isidor, Philadelphia, Pa. Electric transmission of intelligence.....	848,751	Apr. 2	260	52	127	1652
Kitsee, Isidor, Philadelphia, Pa. Telegraphy.....	848,752	Apr. 2	260	53	127	1653
Kitsee, Isidor, Philadelphia, Pa. Electric receiving device.....	848,753	Apr. 2	261	53	127	1653
Kitsee, Isidor, Philadelphia, Pa. Duplexing telegraph-line.....	850,305	Apr. 16	3240	675	127	2488
Kitsee, Isidor, Philadelphia, Pa. Fire-alarm circuit.....	856,162	June 4	1374	289	128	2040
Kitsee, Isidor, Philadelphia, Pa. Electric relay.....	856,163	June 4	1376	290	128	2040
Kitsee, Isidor, Philadelphia, Pa. Treatment of cotton-seed.....	858,075	June 25	5178	1097	128	3106
Kitsee, Isidor, Philadelphia, Pa. Duplexing telegraph-line. (Reissue).....	12,664	June 25	5738	1223	128	3254
Kitsee, Isidor, Philadelphia, Pa. Telegraphy.....	859,948	July 16	2514	682-3	129	896
Kitsee, Isidor, Philadelphia, Pa. Telegraphy.....	859,949	July 16	2515	683	129	896
Kitsee, Isidor, Philadelphia, Pa. System of automatic signaling.....	859,950	July 16	2517	683-4	129	897
Kitsee, Isidor, Philadelphia, Pa. Simultaneous transmission of telegraphic and telephonic impulses.....	861,125	July 23	4337	1189	129	1525
Kitsee, Isidor, Philadelphia, Pa. Transmission of induced impulses.....	861,126	July 23	4338	1189	129	1526
Kitsee, Isidor, Philadelphia, Pa. Transmission of intelligence by electric means.....	863,852	Aug. 20	2742	754	129	3004
Kitsee, Isidor, Philadelphia, Pa. Telegraphy.....	863,853	Aug. 20	2743	754	129	3004
Kitsee, Isidor, Philadelphia, Pa. Electric railroading.....	864,653	Aug. 27	3993	1108	129	3419
Kitsee, Isidor, Philadelphia, Pa. Printing telegraphy.....	865,108	Sept. 3	533	148	130	161
Kitsee, Isidor, Philadelphia, Pa. Separating metal from deposits.....	865,711	Sept. 10	1485	419	130	483
Kitsee, Isidor, Philadelphia, Pa. Producing sulfuric acid.....	869,094	Oct. 22	2965	819	130	2293
Kitsee, Isidor, Philadelphia, Pa. Production of sound-records.....	871,511	Nov. 19	2885	723	131	837
Kitsee, Isidor, Philadelphia, Pa. Electric transmission of intelligence.....	874,209	Dec. 17	3919	826	131	1860
Kitsee, Isidor, Philadelphia, Pa. Making sound-records.....	874,966	Dec. 31	5468	1143	131	2166
Kitsee, Isidor, assignor of one-half to W. J. Latta, Philadelphia, Pa. Receiving device for electric transmission.....	846,414	Mar. 5	1395	307	127	354
Kitsee, Isidor, assignor of one-half to W. J. Latta, Philadelphia, Pa. Telegraphy.....	846,415	Mar. 5	1396	308	127	355
Kitsee, Isidor, assignor of one-half to W. J. Latta, Philadelphia, Pa. Telegraphy.....	850,231	Apr. 16	3112	651	127	2453
Kitsee, Isidor, assignor of one-half to W. J. Latta, Philadelphia, Pa. Electric telegraphy.....	872,824	Dec. 3	1060	222	131	1335
Kitsee, Isidor, assignor of one-half to W. J. Latta, Philadelphia, Pa. Transmitting device for electric telegraphy.....	873,757	Dec. 17	2964	629	131	1711
Kitson, Clarence, and W. J. Reinholtz, Mishawaka, Ind. Abrading-machine.....	844,366	Feb. 19	3027	646	126	2623
Kittel, William J., Jersey City, N. J. Head for hat-pins and the like.....	857,406	June 18	3807	807	128	2729
Kitterman, Jerome, Chillicothe, Iowa. Rivet-displacing device.....	848,252	Mar. 26	5072	1109	127	1368
Kitton, John C., Detroit, Mich. System of piping for circulating systems.....	843,282	Feb. 5	919	187	126	2024
Kitton, John C., Detroit, Mich. Double valve.....	848,311	Mar. 26	5217	1139	127	1404
Kittredge, James T., Stilwell, Ind. Ter. Acetylene-gas generator.....	852,066	Apr. 30	6787	1413	127	3454
Kittredge, John W., Boulder, Colo. Mining-column.....	860,750	July 23	3753	1028-9	129	1334
Kitts Manufacturing Company. (See Kitts, Willard A., assignor.)						
Kitts, Willard A., assignor to Kitts Manufacturing Company Oswego, N. Y. Steam-meter.....	846,112	Mar. 5	807	169	127	206
Kivell, William J., et al. (See Martin, Fred E., assignor.)						
Klaber, Augustus D., London, England. Copying-machine.....	848,556	Mar. 26	5662	1240	127	1513
Klaber, Augustus D., London, England. Making stencils.....	848,557	Mar. 26	5667	1241	127	1514
Klaber, Augustus D., London, England. Copying-machine.....	848,558	Mar. 26	5758	1258	127	1539
Klaczko, Max, Riga, Russia. Flat mimeograph.....	869,095	Oct. 22	2965	819	130	2294
Klaiber, Maximilian, New York, N. Y., assignor, by mesne assignments, to Frosch Photographic Shutter and Optical Company. Photographic shutter.....	854,221	May 21	3768	780	128	1033
Klar, Max, Hanover, Germany. Eliminating tar from gaseous products of dry distillation for the purpose of producing acetate solutions.....	868,347	Oct. 15	1776	501	130	1897
Klatz, Robert O., Hamburg, Germany. Gas-compressor.....	862,564	Aug. 6	790	210	129	2329
Klatzl, John C. (See Robertson, James H., assignor.)						
Klaudy, Friedrich von, Regensburg, Germany, and F. Junger, Weinburge, Austria-Hungary. Diffusion apparatus.....	860,810	July 23	3840	1053	129	1364
Klausmann, Henry W. (See Hawekotte and Klausmann.)						
Kleckner, Asaph M. and W. B., Caney, Kans. Coupling for shackle-rods.....	845,647	Feb. 26	5806	1227	126	3349
Kleckner, Fortes M., Caney, Kans. Packing for pumps for oil-wells, &c.....	861,127	July 23	4339	1190	129	1526
Kleckner, Ira, Camden, Ind. Rotary engine.....	860,549	July 16	3416	939	129	1194
Kleckner, William B. (See Kleckner, Asaph M. and W. B.)						
Kleemann, Felix, London, England. Shoemaker's knife.....	871,416	Nov. 19	2680	681	131	805
Kleidon, Leo C., Philadelphia, Pa. Flue-cleaner.....	851,134	Apr. 23	4823	1017	127	2927
Klein, Achille, Roubaix, France. Ring-spinning machine.....	865,048	Sept. 3	446	121	130	137
Klein, Adolph, assignor to Mitred Box Company, New York, N. Y. Grooving-machine.....	861,735	July 30	5297	1459-60	129	1860

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Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
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Klein, Bela, New York, N. Y. Car for protecting the feet of passengers.	841,540	Jan. 15	3498	755	126	981
Klein, Charles B., Denver, Colo. Shears.	854,952	May 28	5192	1082	128	1426
Klein, Charles H., Chaska, Minn. Brick-conveyer.	853,365	May 14	2027	419-20	128	552
Klein, Charles J., assignor to R. A. Schoenberg, New York, N. Y. Means for converting motion and housing therefor.	844,455	Feb. 19	3193	689	126	2663
Klein, Charles J., assignor to R. A. Schoenberg, New York, N. Y. Attachment-plug.	845,712	Feb. 26	5934	1254	126	3382
Klein, Charles J., assignor to R. A. Schoenberg, New York, N. Y. Electrical conductor and armor therefor.	854,094	May 21	3522	727	128	970
Klein, Charles J., assignor to R. A. Schoenberg, New York, N. Y. Electrical apparatus.	872,432	Dec. 3	242	48-9	131	1206
Klein, Emanuel, New York, N. Y. Printing-ink and making same.	841,156	Jan. 15	2764		126	792
Klein, Emanuel, New York, N. Y. Process of and product from treating marrow.	862,337	Aug. 6	376		129	2201
Klein, Emanuel N., Cincinnati, Ohio. Ophthalmoscope.	845,099	Feb. 26	4742	1006	126	3085
Klein, Emil C. (See Johnson, Arthur G., assignor.)						
Klein, Johann. (See Müller and Klein.)						
Klein, Robert, Solingen, Germany. Device for adjusting the height of the cut in hair-clipping machines.	850,656	Apr. 16	3940	823	127	2669
Klein, Rudolph, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Photographic shutter.	852,962	May 7	1214	250	128	309
Klein, William. (See Linkiewicz and Klein.)						
Klein, William B., Chicago, Ill. Pulp-washing apparatus.	850,657	Apr. 16	3941	823	127	2669
Kleineberg, Paul E., Croton Falls, N. Y. Air-pump.	847,785	Mar. 19	4153	906	127	1105
Kleinewefers, Johannes, assignor to Joh. Kleinewefers Söhne, Crefeld, Germany. Calendar-rollers for producing embossed or raised patterns.	842,890	Feb. 5	95	22-3	126	1815
Kleinewefers, Johannes, assignor to Joh. Kleinewefers Söhne, Crefeld, Germany. Embossing-machine.	842,891	Feb. 5	97	23	126	1815
Kleinschmidt, Edward E., New York, N. Y. Fishing-reel.	871,345	Nov. 19	2513	647	131	782
Kleinschmidt, Edward E., New York, N. Y. Fishing-reel.	871,346	Nov. 19	2516	648	131	782
Kleinschmidt, Edward E., assignor to G. M. Seely, New York, N. Y. Signaling system.	869,576	Oct. 29	3744	1025	130	2561
Kleinschmidt, Frank, Doyle, N. Y. Evaporator.	856,262	June 11	1579	331	128	2127
Kleinvoegel, Friedrich, Newport, Ky. Driving mechanism with alternately-acting levers.	841,021	Jan. 8	2473	539	126	674
Klell, Albert, Cleveland, Ohio. Filter.	846,748	Mar. 12	2068	454	127	556
Klemm, Emil R., Chicago, Ill. Wrench.	873,868	Dec. 17	3196	681	131	1749
Klemm, Hermann A., assignor of one-half to J. D. Leys, New York, N. Y. Circular-knitting machine.	868,276	Oct. 15	1653	467-8	130	1862
Klemm, Hermann A., New York, assignor of one-half to J. D. Leys, Yonkers, N. Y. Needle-bed for straight-frame and circular-knitting machines.	871,095	Nov. 12	1957	536	131	661
Klemm, Max, Bielefeld, Germany. Automatic lubricator.	840,345	Jan. 1	1112	242	126	297
Klemp, William F., assignor to Archer Iron Works, Chicago, Ill. Coal-handling apparatus.	858,076	June 25	5180	1097-8	128	3107
Klempau, Karl J. H., Hamburg-Hohenfelde, Germany. Advertising apparatus.	840,134	Jan. 1	707	151	126	193
Kleppekto, Frank, New York, N. Y. Roasting-furnace.	843,825	Feb. 12	1934	414	126	2312
Klepfer, David J., deceased, Philadelphia, Pa.; S. L. Klepfer, administratrix. Electric recorder.	848,468	Mar. 26	5513	1201	127	1477
Klepfer, Sarah L., administratrix. (See Klepfer, David J.)						
Kleping, John H. (See Thill and Kleping.)						
Klepsch, Ernst. (See Grainger and Klepsch.)						
Klespies, William, Grandfalls, Tex. Gun-trap.	861,128	July 23	4340	1190	129	1527
Klessig, Otto H., Houghton, Mich. Washtub-fitting.	871,347	Nov. 19	2520	648	131	783
Kletzker, Albert J., and J. G. Goessel, St. Louis, Mo., assignors to Duplex Typeline Company. Type-bar machine.	840,346	Jan. 1	1113	242-7	126	297
Kleven, Ole L., East Grand Forks, Minn. Harvesting-machine attachment.	849,689	Apr. 9	2109	434	127	2159
Klever, Friedrich W., Solingen, Germany. Pocket-tool scissors.	858,003	June 25	5030	1062	128	3068
Klie, Walter, Columbus, Ohio. Valve.	866,285	Sept. 17	2377	662	130	805
Klimsch & Co. (See Schumacher, Peter, assignor.)						
Kline, David, Philadelphia, Pa. Talking-machine.	858,077	June 25	5182	1098	128	3107
Kline, David C., assignor to Pritchard-Strong Company, Rochester, N. Y. Globe-lifting device for lanterns.	858,991	July 2	1067	280	129	364
Kline, David L. and M. D., Newark, N. J. Water-heater.	871,706	Nov. 19	3235	801	131	897
Kline, Fredrick S. (See Fraser and Kline.)						
Kline, Harris W., Sells Station, Pa. Mail-pouch crane.	874,210	Dec. 17	3920	826	131	1860
Kline, Harry E., Shamokin, Pa. Road-vehicle.	857,633	June 25	4260	900	128	2874
Kline, Henry E., assignor of one-third to H. Meyer, Terre Haute, Ind. Cultivator.	857,352	June 18	3707	783	128	2705
Kline, Henry E., assignor of one-half to J. F. O'Connell and M. J. O'Dowd, Terre Haute, Ind. Curtain and shade support.	859,773	July 9	2240	610	129	779
Kline, John M., Chicago, Ill. Popcorn-buttering device.	872,239	Nov. 26	4412	1048	131	1105
Kline, John P., Brooklyn, Mich. Felt boot.	870,037	Nov. 5	258	71	131	89
Kline, John W., White Haven, Pa. Wrench.	873,758	Dec. 17	2967	630	131	1712
Kline, Lewis T., Alpena, Mich. Mechanical connection.	846,318	Mar. 5	1188	261-2	127	300
Kline, Martha D. (See Kline, David L. and M. D.)						
Kline, Michael M., St. Louis, Mo. Machine for forming artificial-fuel blocks.	850,163	Apr. 16	2974	623-4	127	2416
Kline, Michael M., St. Louis, Mo. Artificial-fuel block and producing same.	850,232	Apr. 16	3114		127	2454
Kline, Nick W., Longbeach, Cal. Ice-cream dipper.	845,421	Feb. 26	5374	1140	126	3422
Kline, Peter A., Bloomsburg, Pa. Explosive.	858,874	July 2	886		129	305
Kline, Samuel, Trenton, N. J. Adjustable chair.	862,565	Aug. 6	791	211	129	2329
Kline, Walter. (See Hohenadel and Kline.)						
Kling, Fred E., Youngstown, Ohio. Drill-chuck.	860,980	July 23	4120	1128-9	129	1455
Kling, Peter M., assignor to John Stephenson Company, Elizabeth, N. J. Walk-over car-seat.	853,245	May 14	1769	368	128	482
Kling, Samuel J., Patoka, Ill. Ironing board.	869,184	Oct. 22	3092	852	130	2333
Klinge, William, Washington, D. C. Skirt-supporter.	843,464	Feb. 5	1231	258	126	2101
Klinge, William, Washington, D. C. Toy.	853,091	May 7	1454	304-5	128	368
Klingender, Albert K., and D. M. Coier, Statesville, N. C. Bale-tie.	851,524	Apr. 23	5627	1178	127	3127
Klinger, Georg, Leipzig, Germany. Molding soap.	848,179	Mar. 26	4939	1078	127	1334
Klingler, Herman, Sitterdorf, Switzerland. Resilient tire.	865,396	Sept. 10	991	284	130	330
Klink, John G., South Bend, Ind. Backing-machine for books, tablets, &c.	868,451	Oct. 15	1945	543	130	1947
Klinsick, Frederick H., et al. (See Stanley, George W., assignor.)						
Klipfel, Robert, Larimore, N. D. Pencil-holder and point-protector.	854,507	May 21	4291	888	128	1167
Klipfel, Thomas. (See Powers and Klipfel.)						
Klock, George W., Chillicothe, Tex. Stalk-cutter.	868,871	Oct. 22	2623	725	130	2185
Klock, Joseph S., Urban, Pa. Gape-worm extractor.	843,951	Feb. 12	2192	469	126	2376
Klocke, William H., New York, N. Y., assignor to E. W. Bliss Company. Clutch.	850,164	Apr. 16	2976	624	127	2416
Kloehn, Edward H., et al. (See Pfleger, Anton J., assignor.)						
Kloepfinger, Mathilda C., Washington, D. C. Holding and draining rack.	843,826	Feb. 12	1937	415	126	2314
Kloetzer, Otto F., and W. A. Borders, assignors of one-third to C. G. Gardiner, Washington, Ind. Safety device for railways.	853,886	May 14	3082	632-3	128	821
Klokke, William E., St. Louis, Mo. Corn-cap.	852,023	Apr. 30	6713	1395	127	3435

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Klopf, Albert. (See Ash, Charley F., assignor.)						
Klose, Adolph, Berlin, Germany. Engine.	854,896	May 28	5103	1060-1	128	1403
Klose, Georg, Düsseldorf, Germany. Coating.	858,660	July 2	529		129	183
Klousnitzer, Frank, Herman, Pa. Paper-coating machine.	845,648	Feb. 26	5808	1227	126	3350
Klousnitzer, Frank, assignor of one-third to A. Smith, Herman, Pa. Envelop.	846,478	Mar. 12	1527	338	127	417
Klove, George A., Nevada, Iowa. Moistening device.	859,606	July 9	1994	538	129	700
Kluge, Eugene M., Washington, D. C. Invisible hinge.	869,717	Oct. 29	3964	1095	130	2626
Klugh, Paul B., assignor to Cable Company, Chicago, Ill. Automatic musical instrument or player.	843,755	Feb. 12	1818	387	126	2283
Klugh, Paul B., assignor to Cable Company, Chicago, Ill. Adjusting device for musical instruments.	849,737	Apr. 9	2190	451	127	2179
Klugh, Paul B., assignor to Cable Company, Chicago, Ill. Pedal mechanism.	874,408	Dec. 24	4321	910	131	1959
Klumph, Almon P., assignor of one-half to E. Leber, Elyria, Ohio. Multiple force-feed sight-lubricator.	871,418	Nov. 19	2682	681	131	806
Knabe, Ernest J., Jr. (See Darley, John W., Jr., assignor.)						
Knabe, Ernest J., Jr. (See Sandlas, Henry J., assignor.)						
Knabe, Ernest J., Jr., assignor to Wm. Knabe & Co. Manufacturing Company of Baltimore City, Baltimore, Md. Automatic pedal-exposing device for player-pianos.	865,914	Sept. 10	1815	506-7	130	597
Knabenshue, Roy, Toledo, Ohio. Tent.	858,875	July 2	887	231	129	305
Knabeschuh John C., Louisville, Ky. Awning.	855,579	June 4	259	51	128	1761
Knackstedt, Fritz, et al. (See Brown, William C., assignor.)						
Knaif, John, Pueblo, Colo. Cigar-holder.	847,341	Mar. 19	3236	713	127	874
Knape, John, Grand Rapids, Mich. Bracket and support therefor.	844,367	Feb. 19	3029	647	126	2624
Knapp, Ada B. (See Knapp, Edmond B., assignor.)						
Knapp, Albert D., Saxonburg, Pa. Train-order holder.	868,994	Oct. 22	2816	775	130	2448
Knapp, Albert M., Portland, Oreg. Car-coupling.	853,017	May 7	1332	278	128	338
Knapp Bros. Manufacturing Company. (See Knapp, Charles H., assignor.)						
Knapp Bros. Manufacturing Company. (See Knapp, George S., assignor.)						
Knapp, Charles F., Clintonville, Wis. Harness-trace.	862,921	Aug. 13	1331	363	129	2527
Knapp, Charles H., Paterson, N. J. Warping-machine.	868,452	Oct. 15	1947	543-4	130	1948
Knapp, Charles H., Chicago, Ill., assignor to Knapp Bros. Manufacturing Company. Sheet-metal fireproof stud for plastered partitions.	865,109	Sept. 3	534	148	130	162
Knapp, Charles R., and V. Mulholland, assignors to Heyl & Patterson, Incorporated, Pittsburg, Pa. Device for introducing glass to leers.	842,209	Jan. 29	4873	1040-1	126	1388
Knapp, Charles R., Pittsburg, and V. Mulholland, Allegheny, assignors to Heyl & Patterson, Incorporated, Pittsburg, Pa. Device for conveying glassware to leers.	842,210	Jan. 29	4880	1041-2	126	1390
Knapp, Cora M., Cleveland, Ohio. Wafer-iron.	858,460	July 2	146	39	129	49
Knapp, David R., Philadelphia, Pa. Device for electrically operating bulkhead-doors.	852,724	May 7	706	137	128	186
Knapp, David R., Philadelphia, and H. E. Cade, Pencoyd, Pa. Electric-motor-starting device.	850,165	Apr. 16	2978	624	127	2417
Knapp, David R., Philadelphia, and H. E. Cade, Pencoyd, Pa. Electric-current regulator.	860,305	July 16	3052	836	129	1073
Knapp, Edmond B., assignor to A. B. Knapp, Yuma, Ariz. Ter. Combination buckle and cookeye for harness-traces.	850,115	Apr. 9	2884	603	127	2353
Knapp, Edward Y., Eureka, Cal. Wire-rope-transmission device.	859,670	July 9	2094	565	129	731
Knapp, Eugene L., Chittenden, Vt. Shoe-fastener.	864,172	Aug. 27	3221	892	129	3177
Knapp, Frederick H. (See Cornell, Evan W., assignor.)						
Knapp, Frederick H., et al. (See Bush, Bertrand B., assignor.) (Reissue.)						
Knapp, George F., St. Louis, Mo., assignor to St. Louis Tin & Sheet Metal Working Company. Roaster.	865,110	Sept. 3	536	149	130	162
Knapp, George S., Chicago, Ill., assignor to Knapp Bros. Manufacturing Company. Metal corner-head for the protection of plastered corners.	844,812	Feb. 19	4185	892	126	2904
Knapp, George W., Baltimore, Md., assignor to National Enameling and Stamping Company. Flue-hole stopper.	853,177	May 7	1602	333	128	405
Knapp, George W., Stoneham, assignor to Smith and Anthony Company, Boston, Mass. Water-closet bowl.	854,653	May 21	4557	952	128	1232
Knapp, Henry, Springfield, Mass. Combined dressing-table and clothes-press.	840,347	Jan. 1	1143	247-8	125	303
Knapp, Irvin J., South Bend, Ind. Support for handles.	868,669	Oct. 22	2316	642	130	2094
Knapp, J. Herbert. (See Murray, William M., assignor.)						
Knapp, John C., Philadelphia, Pa. Portable folding washstand.	870,038	Nov. 5	259	71	131	89
Knapp, Joseph, Buffalo, N. Y. Cuspidor.	843,215	Feb. 5	776	160	126	1991
Knapp, Joseph F., Bellport, N. Y. Mechanism for separating sheets.	854,222	May 21	3775	780-1	128	1035
Knapp, Milton H., Saginaw, Mich. Attachment for dental articulators.	856,884	June 11	2813	586	128	2439
Knapp, Theron L., and C. C. Harting, Woodstock, assignors to Oliver Typewriter Company, Chicago, Ill. Right-hand marginal release device for type-writers.	862,566	Aug. 6	794	212	129	2330
Knapp, William W., et al. (See Phillips, Charles E., assignor.)						
Knapp, Zera, assignor of one-half to O. Munson, Cleveland, Ohio. Kitchen cabinet-table.	846,319	Mar. 5	1189	262	127	301
Knauf, Paul W. (See Fischer and Knauf.)						
Knauss, Frank V., Portsmouth, Ohio. Oven-bottom.	847,482	Mar. 19	3529	772	127	989
Kneass, Strickland L., assignor to William Sellers & Company Incorporated, Philadelphia, Pa. Injector.	857,882	June 25	4737	1006	128	2993
Kneass, Strickland L., assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Main check-valve for steam-boilers.	859,230	July 9	1418	377	129	512
Kneass, Strickland L., assignor to William Sellers and Company, Incorporated, Philadelphia, Pa. Injector.	862,078	July 30	5830	1617	129	2026
Kneidler, John D., et al. (See Nichols, Henry D., assignor.)						
Kneidler, John D., Sioux City, Iowa. Road-bed equipment.	843,216	Feb. 5	777	160-1	126	1992
Kneidler, John D., Sioux City, Iowa. Road-bed equipment.	855,643	June 4	378	79	128	1791
Kneeland, Josephine M. (See Van Feris and Kneeland.)						
Kneeland, Oscar A., Lisbon, N. D. Car-step.	870,442	Nov. 5	907	246	131	297
Kneezell, Edward, El Paso, Tex. Tobacco-pipe.	850,761	Apr. 16	4128	863-4	127	2714
Kneisly, Daniel W., Dayton, Ohio. Lock-out device for telephones.	860,920	July 23	4009	1099	129	1418
Knell, Missouri N. (See Deitch and Biddle, assignors.)						
Kneppler, Charles M., New York, assignor to L. E. Kneppler, Brooklyn, N. Y. Apparatus for graining metallic plates.	854,953	May 28	5193	1082	128	1426
Kneppler, Charles M., assignor to L. E. Kneppler, New York, N. Y. Graining metallic lithographic plates.	871,598	Nov. 19	3057	759	131	866
Kneppler, Louis E. (See Kneppler, Charles M., assignor.)						
Knerr, George F. (See Mathers, William S., assignor.)						
Kneuper, George, et al. (See Kneuper, George M., assignor.)						
Kneuper, George M., New York, N. Y., assignor of two-thirds to G. and K. Kneuper. Filtering material.	853,981	May 21	3280	674-5	128	911
Kneuper, George M., New York, N. Y., assignor of two-thirds to G. and K. Kneuper. Making filtering material.	854,043	May 21	3407	702-3	128	940

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Kneuper, George M., New York, N. Y., assignor of two-thirds to G. and K. Kneuper. Making filters.....	868,277	Oct. 15	1658	468	130	1863
Kneuper, George M., New York, N. Y., assignor of two-thirds to G. and K. Kneuper. Filter.....	870,631	Nov. 12	1203	325-6	131	427
Kneuper, George M., New York, N. Y., assignor of two-thirds to G. and K. Kneuper. Cleaning filters.....	870,727	Nov. 12	1356	370-1	131	476
Kneuper, Kate, <i>et al.</i> (See Kneuper, George M., assignor.)						
Knickle, Adam. (See Moss Myer, assignor.)						
Kniffen, Le Grand, Chicago, Ill. Manure fork or carrier.....	844,524	Feb. 19	3360	725	126	2704
Knight, Alfred J. (See Thomas, Jesse B., assignor.)						
Knight, Charles D., Schenectady, N. Y., assignor to General Electric Company. Automatic motor-starter.....	851,811	Apr. 30	6230	1299	127	3313
Knight, Charles D., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine.....	868,190	Oct. 15	1509	428	130	1816
Knight, Charles C., Sherbrooke, and E. A. Davis, Cookshire, Quebec, Canada. Abdominal belt.....	851,889	Apr. 30	6388	1333	127	3353
Knight, Charles S., Aurora, Ill. Boiler-tube cleaner.....	840,221	Jan. 1	878	190	126	238
Knight, David H., and S. S. Adams, Lafayette, Tenn. Combined halter and bridle.....	865,308	Sept. 3	835	241	130	253
Knight, Edward M., San Francisco, Cal. Filter medium.....	875,355	Dec. 31	6232	1300	131	2289
Knight, Ellsworth L., Coaldale, assignor of one-half to H. W. Rawson, Coopers, W. Va. Anticreeper and brace for railway-rails.....	844,145	Feb. 12	2544	545	126	2461
Knight, Ellsworth L., Coaldale, assignor of one-half to E. Cooper, Bramwell, W. Va. Car-wheel lubricator.....	864,004	Aug. 20	2959	815	129	3069
Knight, George W., Hopedale, Mass., assignor to Sawyer Spindle Company, Portland, Me. Bobbin-clutching means for rotatable spindles.....	844,368	Feb. 19	3030	647	126	2624
Knight, George W., assignor to Draper Company, Hopedale, Mass. Ring spinning or twisting apparatus.....	851,812	Apr. 30	6232	1300	127	3313
Knight, Harry V., Mitcheldean, England. Motion-work for clocks and the like.....	868,872	Oct. 22	2623	725	130	2186
Knight, Henry B., Battle Creek, and G. M. Cogswell, Dowagiac, Mich. Fifth-wheel.....	855,954	June 4	984	205	128	1941
Knight, Henry D. (See Wright, William L. A., assignor.)						
Knight, Herbert L., Cleveland, Ohio, assignor, by mesne assignments, to Century Telephone Construction Company, Buffalo, N. Y. Ringing and listening key.....	860,874	July 23	3938	1079	129	1395
Knight, Jonathan L., assignor to M. F. Brown, Kansas City, Mo. Combination-tool.....	874,409	Dec. 24	4324	911	131	1959
Knight, Richard. (See Price, George T., assignor.)						
Knight, Samuel, Chicago, Ill., assignor to Waterbury Crucible Company, Waterbury, Conn. Metal-melting.....	864,425	Aug. 27	3597	999	129	3296
Knight, Sherwood S., Birmingham, Ala. Cupola-charging mechanism.....	858,004	June 25	5030	1063	128	3069
Knight, William B. (See Woodson, Knight, and Nilson.)						
Knight, William H., Boston, Mass. Piano sounding-board.....	873,949	Dec. 17	3340	712	131	1775
Knight, William J., and E. S. Johnson, Oakland, Cal. Cutter-head for dredges.....	869,912	Nov. 5	54	16	131	18
Knipe, Oliver C., Norristown, Pa., assignor to Pressed Steel Manufacturing Company. Ball-bearing.....	859,083	July 2	1188	320	129	402
Knoblauch, Henry. (See Long, William T., assignor.)						
Knobloch, John, New York, N. Y. Electrical accumulator.....	865,503	Sept. 10	1162	331	130	384
Knoblock, James B. (See Boileau, James W., assignor.)						
Knoblock, Otto M., and J. Dushane, South Bend, Ind. Sounding apparatus.....	871,124	Nov. 19	2020	550	131	707
Knöchel, George H., Lansdowne, Md. Grave-protector.....	873,052	Dec. 10	1578	330	131	1445
Knöchel, Philipp, Hanau, Germany, assignor to A. Katz, St. Louis, Mo. Window-sash-operating device.....	855,788	June 4	666	136	128	1865
Knöchel, Leo, Vienna, Austria-Hungary. Abutment pressure-regulator.....	868,995	Oct. 22	2817	775-6	130	2448
Knock, George, Cleveland, Ohio. Packing filters.....	867,733	Oct. 8	766	214-5	130	1566
Knock, George, Cleveland, Ohio. Filter.....	867,734	Oct. 8	767	215	130	1566
Knockdown Manufacturing Company. (See Fessler, Charles, assignor.)						
Knoll & Co. (See Vieth, Hermann, assignor.)						
Knoll, George J., Cleveland, Ohio. Convertible street-car.....	871,419	Nov. 19	2683	682-3	131	806
Knoll, Rudolf, Vienna, Austria-Hungary. Telephone-mouthpiece.....	866,036	Sept. 17	2009	560	130	688
Knoller, Richard. (See Friedmann and Knoller.)						
Knopf, Albert H., Oak Hall, assignor of one-half to C. M. McCurdy, Bellefonte, Pa. Nut-lock.....	857,526	June 18	4041	860	128	2789
Knopf, Carl, New York, N. Y. Speed-indicator.....	863,403	Aug. 13	2069	558	129	2762
Knopf, Carl, New York, N. Y. Mallet.....	863,404	Aug. 13	2070	558	129	2763
Knopf, Carl, New York, N. Y. Dress-skirt marker.....	865,397	Sept. 10	992	284	130	330
Knopp, Peter M., Kansas City, Mo. Steam-making apparatus.....	843,613	Feb. 12	1563	330	128	2218
Knorr, Christoph G., and J. Stankovich, New York, N. Y. Apparatus for trussing barrels and similar packages.....	863,925	Aug. 20	2851	784-5	129	3037
Knoth, Peter S., New York, N. Y. Shield for heating-coils.....	853,092	May 7	1456	305	128	368
Knothe Brothers. (See Knothe, Frank F., assignor.)						
Knothe, Bruno, Dömitz, Germany. Fastening-hook.....	854,746	May 28	4769	990	128	1317
Knothe, Frank F., Ridgewood, N. J., assignor to Knothe Brothers, New York, N. Y. Belt.....	841,157	Jan. 15	2766	603	126	792
Knothe, Frank F., Ridgewood, N. J., assignor to Knothe Brothers. Garter.....	860,487	July 16	3328	912	129	1165
Knott, Frank W., assignor of one-half to E. J. Waldeck, St. Louis, Mo. Pneumatic-de-spach-tube apparatus.....	867,050	Sept. 24	3527	1000	130	1199
Knott, Henderson W. (See Dana and Knott.)						
Knott, Jacob, Paterson, N. J. Horse for dyeing establishments.....	864,309	Aug. 27	3429	953	129	3242
Knott, Jacob, Paterson, N. J. Thread-drying frame.....	864,310	Aug. 27	3430	953	129	3242
Knott, Louie E., assignor to L. E. Knott Apparatus Company, Boston, Mass. Apparatus for determining the strength of cords, &c.....	852,963	May 7	1218	251	128	310
Knott, Louie E., assignor to L. E. Knott Apparatus Company, Boston, Mass. Apparatus for determining the number of vibrations per second of a tuning-fork.....	863,072	Aug. 13	1568	424	129	2604
Knowles, Elmer F., Battle Creek, Mich. Watch-cleaning machine.....	861,990	July 30	5688	1578	129	1981
Knowles, Joseph, Edmonds, Wash. Cattle-guard.....	841,693	Jan. 22	3810	829	126	1091
Knowles, Joseph, assignor of one-half to S. Fournier, Edmonds, Wash. Wrench.....	853,414	May 14	2105	439	128	572
Knowles, Silas A., and W. E. Carr, Idaho Springs, Colo. Tunneling-machine.....	875,082	Dec. 31	5692	1187-8	131	2203
Knowlson, John, Troy, N. Y. Speed-governor.....	840,499	Jan. 8	1443	318	126	415
Knowlton, Annie D., <i>et al.</i> , administrators. (See Knowlton, Mark D.)						
Knowlton, Charles A., assignor to American Stoker Company, Erie, Pa. Stoker.....	867,979	Oct. 15	1211	334	130	1725
Knowlton, Dallas, Washington, D. C. Jar-closure.....	870,239	Nov. 5	577	155	131	189
Knowlton, Frederic K., <i>et al.</i> , administrators. (See Knowlton, Mark D.)						
Knowlton, Harry C., assignor to F. P. Aborn, Lynn, Mass. Gage or measuring device.....	840,568	Jan. 8	1590	349	126	450
Knowlton, Mark D., deceased; A. D. and F. K. Knowlton, administrators, Rochester, N. Y. Cutting attachment for box-covering machines.....	858,078	June 25	5183	1098-9	128	3107
Knowlton, Phil H., and L. Williams, Denver, Colo. Locking clothes-rack.....	863,726	Aug. 20	2537	701	129	2939
Knox, Arthur H., Beloit, Wis. Pitchfork.....	858,992	July 2	1068	281	129	365
Knox, George W., Philadelphia, Pa. Float fabric.....	873,378	Dec. 10	2225	463	131	1551
Knox, Herbert, Warehouse Point, Conn. Treating leaf-tobacco.....	843,538	Feb. 5	1409	126	126	2145

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Knox, Luther L., assignor of one-half to M. Murray and H. E. Weiskopf, Pittsburg, Pa. Furnace-door frame.....	864,752	Aug. 27	4150	1152	129	3468
Knox, Luther L., assignor of one-half to M. Murray and H. E. Weiskopf, Pittsburg, Pa. Water-cooled door for furnaces.....	864,763	Aug. 27	4162	1156	129	3471
Knox, Samuel L. G., Milwaukee, Wis. Conveyor system.....	866,792	Sept. 24	3131	882	130	1078
Knox, Samuel L. G., Milwaukee, assignor to Bucyrus Company, South Milwaukee, Wis. Upper tumbler for dredges and the like.....	845,795	Mar. 5	116	22	127	33
Knudsen, George C. (See Prest, Lynge, and Knudsen.)						
Knudsen, Hans. (See Wood and Knudsen.)						
Knudsen, Ivar P. B., Copenhagen, Denmark. Flexible spindle for centrifugal machines.....	847,009	Mar. 12	2587	568	127	687
Knudsen, Ivar P. B., Copenhagen, Denmark. Centrifugal machine.....	861,736	July 30	5299	1460	129	1861
Knudsen, Ivar P. B., Copenhagen, Denmark. Bearing for rapidly-rotating bodies.....	861,737	July 30	5300	1461	129	1861
Knudsen, Jacob B., Dalton Station, Ill. Coil-spring.....	843,827	Feb. 12	1938	415	126	2314
Knudsen, Karsten. (See Church and Knudsen.)						
Knudsen, Karsten, Grand Rapids, Mich. Electric motor-wheel.....	859,820	July 9	2304	626	129	799
Knudsen, Ole P. E., Seattle, Wash. Boat lowering and detaching apparatus.....	848,998	Apr. 2	770	157	127	1784
Knudson, Chris J., Everdell, Minn. Game attachment for tables.....	866,718	Oct. 29	3966	1095	130	2627
Knuppen, Peter, Milwaukee, Wis. Sofa-pillow.....	870,297	Nov. 5	667	178	131	218
Knut, Sargeant P., Natchez, Miss. Bridle for horses.....	845,004	Feb. 19	4531	966	126	2989
Knutsen, Carl E., New York, assignor of one-half to O. M. Knutsen, Brooklyn, N. Y. Machine for shaping wrought-iron.....	841,326	Jan. 15	3096	669	126	876
Knutsen, Carl E. and O. M., New York, N. Y. Iron-shaping machine.....	841,327	Jan. 15	3098	670	126	877
Knutsen, Ole M. (See Knutsen, Carl E., assignor.)						
Knutsen, Ole M. (See Knutsen, Carl E. and O. M.)						
Knutson, Albert, Red Cloud, Nebr. Gravel-loading machine.....	872,735	Dec. 3	881	183	131	1305
Knutson, Alfred W., Brookfield, Ill., assignor to Trolley Supply Company, Canton, Ohio. Trolley-retriever. (Reissue).....	12,722	Nov. 19	3374	827-8	131	919
Knutson, John. (See Wolfenden, Knutson, and Larsen.)						
Knutson, John, Denver, Colo. Station-indicator.....	855,319	May 28	5917	1235	128	1608
Kober, Fritz, Suhl, Germany. Hair-cutting device.....	868,453	Oct. 15	1949	544	130	1949
Kobert, Frank P., New York, N. Y. Rope-clamp.....	866,144	Sept. 17	2167	604	130	727
Kobusch, Fredrich J., St. Louis, Mo. Ventilator.....	847,255	Mar. 12	3058	674	127	801
Kobusch, Fredrich J., St. Louis, Mo. Heating-drum.....	847,256	Mar. 12	3059	675	127	801
Koch, Adolph, Pasadena, Cal. Liquid-cooling device.....	871,940	Nov. 26	3761	915	131	1006
Koch, Alfred S., Lancaster, Pa. Staking-tool.....	858,876	July 2	888	231	129	305
Koch, August H., New York, N. Y. Coal-bin.....	843,895	Feb. 12	2079	445	126	2347
Koch, Carl. (See Fritschka and Koch.)						
Koch, Christian H. C., assignor to Chicago Distributing and Trading Company, Chicago, Ill. Treating liquors by electricity.....	859,178	July 2	1333	354	129	449
Koch, Eugene, Lyon, France. Hydrocarbon-motor.....	871,707	Nov. 19	3236	801	131	898
Koch, Frank S., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Electric condenser.....	873,053	Dec. 10	1580	331	131	1445
Koch, Franz J., Dresden, Germany. High-pressure electrical apparatus.....	846,672	Mar. 12	1932	425	127	522
Koch, Fredrick G. (See Wagner and Koch.)						
Koch, Fritz, London, England. Manufacture of camphene.....	870,829	Nov. 12	1529	.....	131	529
Koch, Gustav, St. Cloud, Minn. Sled.....	848,910	Apr. 2	630	126	127	1750
Koch, Henry, assignor to Regina Company, Rahway, N. J. Mandrel for talking-machines.....	849,404	Apr. 9	1567	318	127	2024
Koch, Henry, assignor to Regina Company, Rahway, N. J. Bell-hammer.....	859,231	July 9	1419	377	129	512
Koch, Henry, assignor to Regina Company, Rahway, N. J. Talking-machine attachment.....	865,398	Sept. 10	993	284	130	330
Koch, Henry, assignor to Regina Company, Rahway, N. J. Talking-machine horn.....	865,399	Sept. 10	994	285	130	330
Koch, Henry, assignor to Regina Company, Rahway, N. J. Music-roll.....	873,950	Dec. 17	3341	712	131	1775
Koch, Henry, assignor to Regina Company, Rahway, N. J. Bell.....	875,187	Dec. 31	5898	1229	131	2237
Koch, John N., Cincinnati, Ohio. Photograph cabinet or rack.....	873,379	Dec. 10	2226	463	131	1552
Koch, Louis te. (See Rein, Robert, assignor.)						
Koch, Nicholas, Milwaukee, assignor to G. H. Crowns, Port Washington, Wis. Valve.....	865,915	Sept. 10	1817	507	130	598
Koch, Norbert. (See Lauber and Koch.)						
Koch, Reinhart, New York, N. Y. Bottle-closure.....	873,869	Dec. 17	3198	681	131	1749
Koch, Rudolph, Temple, Tex. Churn.....	852,067	Apr. 30	6789	1413	127	3454
Koch, Theodore, Milwaukee, Wis. Waste-pipe tool.....	874,512	Dec. 24	4546	954	131	1991
Kodatz, Anna W., Anderson, Ind. Toaster.....	861,036	July 23	4208	1152	129	1481
Koeb, Emil. (See Thompson and Koeb.)						
Koeb, Emil, Leipsic, assignor of one-half to R. P. Thompson, Springfield, Ohio. Transmission-gear.....	870,107	Nov. 5	354	99-100	131	117
Koegel, Charles, Holyoke, Mass. Slitting-cutter for paper-machines.....	852,964	May 7	1120	251	128	311
Koegel, William F., et al. (See Bowser, Albert C., assignor.)						
Koehler, A. Robert. (See Koehler, George D., assignor.)						
Koehler, Clayton B., East Lebanon, Pa. Coupling device for air-brakes.....	867,280	Oct. 1	78	24	130	1338
Koehler, George D., assignor of one-half to A. R. Koehler, Macedonia, Iowa. Feed-trough.....	856,164	June 4	1378	290	128	2040
Koehler, Henry B., Rochester, Pa. Glass-press.....	844,600	Feb. 19	3747	789	126	2792
Koehler, John F., Chicago, Ill. Mouth-speculum.....	869,439	Oct. 29	3513	965	130	2490
Koehler, Joseph. (See Byl and Koehler.)						
Koehler, Robert, Prenzlau, Germany. Filter.....	843,465	Feb. 5	1232	258	126	2101
Koehler, William. (See Diehl and Koehler.)						
Koehler, William, Fulton, assignor to American Textile Specialty Machinery Company, New York, N. Y. Shuttle-spindle.....	849,073	Apr. 2	919	188	127	1822
Koehler, William, Fulton, assignor to American Textile Specialty Machinery Company, New York, N. Y. Cop-tube.....	851,095	Apr. 23	4768	1002	127	2914
Koehnle, Louis H. (See Orlikowski and Koehnle.)						
Koelkebeck, Carl W. A., East Cleveland, Ohio. Roof structure.....	842,561	Jan. 29	5637	1191-2	126	1586
Koelkebeck, Carl W. A., East Cleveland, Ohio. Valve.....	863,405	Aug. 13	2071	558	129	2763
Koella, Ernest. (See Kehr, Cyrus, assignor.)						
Koelle, Rudolph, Sioux City, Iowa. Combination seat and tool-box for locomotive-cabs.....	867,381	Oct. 1	241	69	130	1387
Koelner, John, Milwaukee, Wis. Apparatus for mixing and kneading dough.....	852,965	May 7	1222	251	128	311
Koen, Joseph T., Oneida, N. Y. Push-cart.....	868,099	Oct. 15	1394	391	130	1782
Koenig, Charles L., assignor of one-third to A. E. Calvert, San Antonio, Tex. Blind-stop.....	868,873	Oct. 22	2625	725	130	2186
Koenig, Christian J., Alton, Ill. Automatic glass gathering and blowing machine.....	847,666	Mar. 19	3917	855	127	1050
Koenig, Christian J., Alton, Ill. Glass-furnace.....	850,233	Apr. 16	3115	651	127	2454
Koenig, Christian J., Alton, Ill. Glass-furnace.....	859,084	July 2	1189	320	129	403
Koenig, George F., Le Sueur, Minn. Hoisting device.....	847,667	Mar. 19	3922	856-7	127	1051
Koenig, Joseph, Two Rivers, Wis. Fish-net float.....	855,063	May 28	5425	1126	128	1485
Koeniges, Martin. (See Myer and Koeniges.)						
Koepp, Otto, Göppingen, Germany. Drying apparatus.....	847,786	Mar. 19	4156	907	127	1106
Koerp, Julius H. (See Zastrow and Koerp.)						
Koerber, Alexander, Jr., and E. M. and M. Deiller, Newark, N. J.; said Koerber assignor to said E. M. and M. Deiller. Faucet.....	865,111	Sept. 3	537	149-50	130	163

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Koerper, Philip, Pikeville, Ky. Fruit-picker.....	844,601	Feb. 19	3749	789	126	2793
Koerting, Ernst, Pegli, Italy. Jet-condenser.....	847,010	Mar. 12	2588	568	127	687
Koesche, Andrew, assignor to Liquid Carbonic Company, Chicago, Ill. Electric switch.....	846,673	Mar. 12	1936	425	127	523
Koester, William, Boyd county, Nebr. Grain-separator.....	858,294	June 25	5570	1191-2	128	3206
Koetitz, Frederick A., San Francisco, Cal. Concrete-floor construction.....	845,465	Feb. 26	5474	1159	126	3265
Koger, John J., Rogersville, Tenn. Apparatus for threshing cow-peas.....	861,189	July 23	4424	1214	129	1553
Kohke, John. (See Philip and Kohke.)						
Kohl, Hermann, Rodenkirchen, near Cologne, Germany. Apparatus for narrowing the walls of hollow bodies.....	865,257	Sept. 3	751	213-14	130	227
Kohl, John W., Marshfield, Wis., assignor of one-half to G. H. Reynolds. Ink-fountain for printing-presses.....	842,466	Jan. 29	5458	1157-8	126	1547
Kohl, Max, Chemnitz, Germany. Air-pump.....	854,954	May 28	5195	1082	128	1426
Kohlbrener, Gottfried, St. Gallen, Switzerland, assignor, by mesne assignments, to Singer Manufacturing Company. Hemstitch sewing-machine.....	858,724	July 2	626	164-5	129	217
Kohler, Charles W., Arlington, and T. E. O'Brien, Watertown, Mass.; said Kohler assignor to said O'Brien. Ratchet drill.....	874,410	Dec. 24	4326	911	131	1960
Kohler, Conrad, Zurich, Switzerland. Rotary blade-compressor.....	875,188	Dec. 31	5899	1230	131	2238
Kohler, Ernest, San Francisco, Cal. Adjustable table.....	848,469	Mar. 26	5515	1201	127	1478
Kohler, Ernest, San Francisco, Cal. Wave-motor.....	852,232	Apr. 30	7094	1483-4	127	3532
Kohler, Franklin W., et al. (See Dresser, Charles A., assignor.)						
Kohler, G. A. Edward, et al. (See Dresser, Charles A., assignor.)						
Kohler, G. A. Edward. (See Graham, George M., assignor.)						
Köhler, Hermann, Altenburg, Germany. Shuttle and feeder driving mechanism for sewing-machines.....	856,531	June 11	2149	442-3	128	2271
Kohler, Walter W., Lexington, Nebr. Game apparatus.....	854,581	May 21	4432	931	128	1201
Kohlhaas, George, Washington, D. C. Micrometer-gage.....	857,810	June 25	4617	978	128	2965
Kohlhaas, Reynold, Paterson, N. J. Dobby mechanism for looms.....	859,085	July 2	1191	321	129	403
Kohlmyer, Cornelius, Lorain, Ohio. Motor-vehicle.....	850,018	Apr. 9	2688	564	127	2306
Kohlus, Carl H. W., Dortmund, Germany. Car-coupling.....	859,388	July 9	1673	446	129	595
Kohn, Koby, New York, N. Y., assignor of one-half to L. A. Ksensky, Denver, Colo. Telephone apparatus.....	850,433	Apr. 16	3486	730	127	2553
Kohn, Koby, New York, N. Y., assignor of one-half to L. A. Ksensky, Denver, Colo. Telephone apparatus.....	850,434	Apr. 16	3491	730-1	127	2554
Kohn, Louis, Chicago, Ill. Mainspring-winder.....	872,135	Nov. 26	4198	1003	131	1071
Kohout, Alois and F., assignors to H. F. Vogel, St. Louis, Mo. Flexible parquetry.....	871,420	Nov. 19	2693	683	131	806
Kohout, Emanuel G., New York, N. Y. Apparatus for removing snow from streets.....	845,100	Feb. 26	4743	1006	126	3085
Kohout, Frederick. (See Kohout, Alois and F.)						
Kohout, George A., Chicago, Ill. Furnace-grate.....	862,742	Aug. 6	1068	287	129	2409
Kolb, August, Basel, Switzerland. Inset clamp for vises.....	844,813	Feb. 19	4187	892	126	2905
Kolb, Henry M., and C. Foehl, Philadelphia, Pa. Firearm.....	847,011	Mar. 12	2590	569	127	688
Kolb, Otto, Karlsruhe, Germany. Elastic-fluid turbine.....	842,211	Jan. 29	4883	1042-3	126	1392
Kolbassieff, Eugene, St. Petersburg, Russia. Manufacture of an impermeable mass.....	841,875	Jan. 22	4197	904	126	1191
Kolberger Anstalten für Exterikultur Wilhelm Anhalt Gesellschaft mit Beschränkter Haftung. (See Müller, Georg, assignor.)						
Kolchney, Emil E. (See Morgan, Robert, assignor.)						
Kolla, John P., assignor to Holland Furnace Company, Holland, Mich. Hot-air furnace.....	856,263	June 11	1581	332	128	2127
Kolla, John P., Akron, Ohio, assignor of two-thirds to A. H. Landwehr and G. C. Bowman, Holland, Mich. Water-spout cut-off.....	850,762	Apr. 16	4129	864	127	2714
Kollman, Robert, Newark, N. J. Cigar-cutter.....	866,037	Sept. 17	2009	560	130	688
Kolouch, Joseph, Milwaukee, Wis. Combined ash and garbage receptacle.....	856,264	June 11	1582	332	128	2127
Kolstram, John, Garrison, N. D. Valve-gear.....	856,784	June 11	2638	542	128	2396
Koltonski, Stanislaw A., assignor to Electric Gas Lighting Company, Boston, Mass. Telephone.....	846,479	Mar. 12	1529	339	127	417
Komoror, Joseph, Jr., assignor to Parisian Novelty Company, Chicago, Ill. Hand-mirror.....	858,079	June 25	5187	1099	128	3108
Komp, Albert, New York, N. Y. Pulp-shaping machine.....	868,996	Oct. 22	2820	776-7	130	2248
Kone, George W., Kansas City, Mo. Keyless padlock.....	861,991	July 30	5689	1578	129	1981
König, Albert, assignor to Firm of C. Zeiss, Jena, Germany. Ramsden ocular.....	873,870	Dec. 17	3199	681	131	1749
König, Albert, assignor to Firm of C. Zeiss, Jena, Germany. Ramsden ocular.....	873,871	Dec. 17	3200	682	131	1750
König, Walter, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Greenish-black azo dye.....	874,967	Dec. 31	5469		131	2166
König, Walter, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Violet-black azo dye.....	874,968	Dec. 31	5470		131	2166
Konkle, Abram W. (See Houle and Konkle.)						
Konmax Rock Drill Syndicate. (See Mauss, Wilhelm, assignor.)						
Konsalik, Arthur, Allegheny, Pa. Ventilator.....	848,376	Mar. 26	5342	1163	127	1432
Konsel, John, New York, N. Y. Bosom stretcher and holder.....	855,789	June 4	667	137	128	1865
Konst, Albert, Burlington, Wis. Cooking-stove.....	872,353	Dec. 3	76	14	131	1180
Koob, Adam J., Cedar Rapids, Iowa. Ditching-machine.....	853,804	May 14	2890	594-5	128	775
Koob Dumping Wagon Company. (See Warner, Arthur L., assignor.)						
Koon, Andrew P., Sheridan, Ark. Clock-adjuster.....	866,485	Sept. 17	2660	744	130	895
Koonce, Morrissy S., Washington, D. C. Portable wardrobe.....	850,688	Apr. 16	3944	824	127	2670
Koons, John H., Anderson, Ind. Liquid-fuel burner.....	872,268	Nov. 26	4498	1068	131	1120
Koons, Virgil C., Colorado Springs, Colo. House letter-box.....	861,290	July 30	4606	1259	129	1649
Koons, Virgil C., Colorado Springs, Colo. House letter-box.....	865,400	Sept. 10	994	285	130	331
Koontz, Alvin, Vermilion, Ill. Boring-tool.....	860,488	July 16	3329	912	129	1165
Koontz, J. W., et al. (See Connell, William J., assignor)						
Koontz, John, assignor of one-half to J. Weille, Paducah, Ky. Self-soaping washboard.....	870,787	Nov. 12	1462	395	131	507
Koontz, John H., Stewardson, Ill. Molding-machine.....	873,559	Dec. 10	2573	542	131	1612
Koop, William E., et al. (See Geiger, Charles E., assignor.)						
Koops, Wilhelm, and H. Reimers, Hamburg, Germany. Device for facilitating the teaching of fractions.....	841,158	Jan. 15	2767	604	126	793
Kopatousky, Samuel I. (See Norman, Frank B., assignor.)						
Kopf, Theodore, Uerdingen, Germany. Automatic discharging device.....	866,204	Sept. 17	2252	628	130	764
Kopp, Theodore, Philadelphia, Pa. Controller for incandescent-electric-light bulbs.....	859,821	July 9	2305	627	129	800
Koppers, Heinrich, Essen-on-the-Ruhr, Germany. Recovery of ammonia from gas.....	846,035	Mar. 5	640	134	127	164
Koppers, Heinrich, Essen-on-the-Ruhr, Germany. Obtaining ammonia, &c.....	862,976	Aug. 13	1412	384-5	129	2554
Koppers, Heinrich, Essen-on-the-Ruhr, Germany. Gas-furnace installation.....	864,545	Aug. 27	3827	1061	129	3369
Koppers, Heinrich, Essen-on-the-Ruhr, Germany. Coke-oven door.....	871,421	Nov. 19	2694	683	131	807
Koppers, Heinrich, Essen-on-the-Ruhr, Germany. Closure for coke-ovens and similar devices.....	875,356	Dec. 31	6233	1300	131	2290
Kops, Daniel, New York, N. Y. Corset.....	849,136	Apr. 2	1070	214	127	1863
Kops, Daniel, New York, N. Y. Apparel-corset.....	851,525	Apr. 23	5629	1179	127	3127
Kops, Paul J. D., Wake, Va. Rotary engine.....	861,523	July 30	4972	1366	129	1761
Kops, Samuel, New York, N. Y. Bone-pocket.....	849,137	Apr. 2	1072	215	127	1863
Kops, Samuel, New York, N. Y. Elastic webbing.....	875,439	Dec. 31	6393	1333	131	2317

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Koren, August, Jr., Christiania, Norway. Watering system for gardens, fields, and the like.	845,179	Feb. 26	4888	1037	126	3123
Korl, Samuel, New York, N. Y. Pocket-article guard.	867,051	Sept. 24	3529	1000	130	1200
Korhonen, Kaarlo H., Detroit, Mich. Rotary engine.	869,971	Nov. 5	139	38	131	45
Kormil, Alexander, assignor of one-half to F. Radloff, Glendale, Wash. Whip-socket.	859,389	July 9	1674	446	129	595
Kormil, Alexander, assignor of one-half to F. Radloff, Goldendale, Wash. Combined whip-socket and rein-holder.	865,916	Sept. 10	1813	507-8	130	598
Korn, Arthur, Munich, Germany. Telautograph.	851,174	Apr. 23	4921	1035-6	127	2953
Kornbrodt, Theodore, Chicago, Ill. Air-ship.	866,665	Sept. 24	2932	829	130	1008
Körner, George H., San Francisco, Cal. Faucet-protector.	867,663	Oct. 8	665	188	130	1535
Korns, Clarence C., Johnstown, Pa., assignor to Lorain Steel Company. Slot-switch.	843,896	Feb. 12	2080	445-6	126	2347
Korns, Clarence C., Johnstown, Pa., assignor to Lorain Steel Company. Adjustable guard-rail fastener.	843,897	Feb. 12	2082	446	126	2348
Korper, Simon, New York, N. Y. Manicuring implement.	847,012	Mar. 12	2593	569	127	688
Korth, Max, Seattle, Wash. Universal wrench.	868,454	Oct. 15	1951	544	130	1949
Körtvélyessy, Coleman, Brooklyn, N. Y. Dumping-bucket.	850,587	Apr. 16	3786	790	127	2629
Kortz, Conrad J. (See West and Kortz.)						
Kosatka, Joseph, Chicago, Ill. Edge-guide for sewing-machines.	873,246	Dec. 10	1939	406-7	131	1506
Kossmann, Andrew. (See Keckley and Kossmann.)						
Kost, Felix, New York, N. Y. Grate.	856,590	June 11	2272	467	128	2303
Kost, Mary B., administratrix. (See Kost, William J.)						
Kost, William A. (See Ott and Kost.)						
Kost, William J., deceased; M. B. Kost, administratrix, Evansville, Ind. Rail-tie and fastening.	853,554	May 14	2383	496	128	644
Kostelanitz, Israel, Brooklyn, N. Y. Door.	848,661	Apr. 2	77	18	127	1604
Köster, Gustav, assignor to Bestmann & Co., Maschinenfabrik zu Neumünster G. M. B. H. in Neumünster, Neumünster, Germany. Means for grinding carding-cylinders.	865,401	Sept. 10	996	285	130	331
Koster, William C. (See Vincent, Joseph A., assignor.)						
Kösters, Oscar A. H. H., Hemelingen, near Bremen, Germany. Emulsion of oil and the like.	867,141	Sept. 24	3656		130	1273
Kösters, Oscar A. H. H., Hemelingen, near Bremen, Germany. Emulsion of oil and the like.	875,665	Dec. 31	6948		131	2391
Kostolnik, Andreas, Sharpsburg, Pa. Hat and coat rack.	858,993	July 2	1069	281	129	365
Kostovits, Ognieslaw, Klein-Ribatzkol, near St. Petersburg, Russia. Insulating the interior sides of hollow bodies.	844,369	Feb. 19	3032	647	126	2624
Kothe, Richard. (See Dressel and Kothe.)						
Kothe, Richard. (See Kahn and Kothe.)						
Kothe, Richard, Vohwinkel, and A. Ossenbeck, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Azo coloring-matter.	843,756	Feb. 12	1821		126	2284
Kotraschek, Mathias, New York, N. Y. Snow shovel and wagon.	853,178	May 7	1603	333	128	405
Köttgen, Carl, Schöneberg, and G. Meyer, assignors to Siemens-Schuckert Werke, G. M. B. H., Berlin, Germany. Towing-locomotive.	867,052	Sept. 24	3530	1001	130	1200
Kottmair, Lorenz, and R. Zwack, Munich, Germany. Electrical apparatus for setting the points and signals on railways.	842,673	Jan. 29	5892	1242-3	126	1652
Kouba, Christina E., et al. (See Burton Frederick A., assignor.)						
Koues, Frank B., Rutherford, N. J. Folding step-ladder.	864,898	Sept. 3	214	59-60	130	67
Kouns, Moses W. (See Morton and Kouns.)						
Kouns, Wesley, Salina, Kans. Hay and grain rake, loader, and stacker.	864,472	Aug. 27	3676	1022-3	129	3324
Kountz, Jacob G., Wellsville, Ohio. Apron-supporter.	848,470	Mar. 26	5516	1201-2	127	1478
Kovacic, Blasius, East Pittsburg, Pa. Ink-well.	866,486	Sept. 17	2661	744	130	895
Kovács, Dyonis, East Pittsburg, Pa. Vise.	849,904	Apr. 9	2513	519	127	2264
Kowastch, Ambrose, New York, N. Y., and L. Reinicke, Hoboken, N. J. Ball-distributor.	870,108	Nov. 5	356	100	131	119
Koy, August, Peters, Tex. Protecting vegetable matter.	857,075	June 18	3189		128	2575
Kozlesnik, Charles, New York, N. Y. Third-rail electric-railway system.	870,564	Nov. 12	1089	298	131	385
Kozliski, Karl, Lugansk, Russia, and H. Becker, Ruhrort, Germany. Guiding device for rolling-mills.	859,390	July 9	1675	446	129	595
Kraatz, Roderick, Carbondale, Ill. Forge.	841,159	Jan. 15	2768	604	126	793
Kraber, Charles L., Quincy, Ill. Wringing device for mops.	851,526	Apr. 23	5632	1179	127	3128
Kraemer, Paul, Jersey City, N. J. Shirt.	856,591	June 11	2273	467	128	2303
Kraemer, Thomas, and H. Sheble, assignors to Hawthorne and Sheble Manufacturing Company, Philadelphia, Pa. Talking-machine.	852,725	May 7	708	137-8	128	186
Kraft, Charles S., Evansville, Ind. Combination poker and clinker-hook.	845,180	Feb. 26	4890	1037	126	3123
Kraft, Arthur F., et al. (See Little, Robert A., assignor.)						
Kraft Combination Telephone Company. (See Laing, Thaddeus R., assignor.)						
Kraft Edmund G., Somerville, N. J. Carrier and elevator.	872,136	Nov. 26	4201	1003	131	1072
Kraft, Henry P. (See Schweinert and Kraft.)						
Kraft, Henry W., Arcadia, Mich. Weather-strip.	853,982	May 21	3282	675	128	911
Kraft, Ignaz, Ebringen, Germany. Secret locking device for drawers, cash-boxes, and the like.	862,827	Aug. 6	1196	322	129	2449
Krag, Erik L., Chicago, Ill. Loose-leaf binder.	859,303	July 9	1525	407	129	546
Krag, Nils A., and G. A. Hansen, Christiania, Norway. Postmarking and canceling machine.	848,558	Mar. 26	5668	1241	127	1515
Krahenbuhl, Fred, San Francisco, Cal. Saw-set.	858,994	July 2	1070	281	129	365
Krahn, Alvin W., Milwaukee, Wis. Computing-machine.	870,184	Nov. 5	480	132-3	131	157
Krakau, Harry T., assignor to National Malleable Castings Company, Cleveland, Ohio. Uncoupling mechanism for railway-cars.	840,774	Jan. 8	1979	436-7	126	549
Kramer, Allington H., Monte Vista, Colo. Grinding device.	841,541	Jan. 15	3499	755	126	981
Kramer, Andrew A., Kansas City, Mo. Dipping-tank.	854,223	May 21	3785	781	128	1039
Kramer, Charles H., Allegheny, Pa. Vehicle.	855,064	May 28	5426	1126	128	1486
Krämer, Christian, assignor to Felten & Guilleaume-Lahmeyerwerke Actien-Gesellschaft, Frankfurt-on-the-Main, Germany. Step-switch.	864,899	Sept. 3	215	60	130	67
Kramer, Erwin, Berlin, Germany, assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Air-pressure brake. (Reissue)	12,710	Oct. 29	4193	1157-9	130	2695
Kramer, Frederick, assignor of one-third to D. McConaghy, Los Angeles, Cal. Switch for overhead-trolley tracks.	849,350	Apr. 2	1462	297	127	1959
Kramer, George, Kansas City, Mo. Amusement device.	846,925	Mar. 12	2457	534	127	649
Kramer, John Syracuse, N. Y. Door-operated electric switch for electric-light circuits.	868,348	Oct. 15	1777	502	130	1897
Kramer, Monroe R., Altoona, Pa. Metallic railway-tie.	860,037	July 16	2663	724	129	946
Kramer, Samuel, San Francisco, Cal. Folding bed.	867,053	Sept. 24	3531	1001	130	1200
Kramer, William F., and C. Anderson, Jr., Dayton, Ohio. Running-gear for portable houses.	873,759	Dec. 17	2968	630	131	1712
Kramer, Wilson A., Bloomsburg, Pa. Automatic stop-gage attachment.	869,309	Oct. 29	3303	909	130	2426
Kranich, Daniel S., Barnesville, Pa. Rope-clamp.	862,922	Aug. 13	1332	364	129	2528
Kranich, Frederick, and L. P. Bach, New York, N. Y. Piano-action.	859,232	July 9	1420	377	129	513
Krans, Levin C., assignor of one-half to J. A. Bengtson, East Greenwich, R. I. Ironing-board.	843,400	Feb. 5	1115	233	126	2071
Krantz, Hubert, New York, N. Y. Construction for panel-boards and the like.	854,654	May 21	4558	952	128	1232
Krantz, Hubert, New York, N. Y. Floor-box for electric wiring.	856,165	June 4	1379	290	128	2041

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Krantz, Hubert, Brooklyn, N. Y. Clip for electrical apparatus.	869,852	Oct. 29	4156	1148	130	2683
Krantz, Hubert, Brooklyn, N. Y. Panel-board.	871,348	Nov. 19	2522	648	131	783
Krantz, Hubert, Brooklyn, N. Y. Housing.	873,872	Dec. 17	3201	682	131	1750
Krantz, Hubert F., Brooklyn, N. Y. Electrical switch mechanism. (Reissue)	12,589	Jan. 8	2637	576	126	716
Krasmer, Frank M., Baltimore, Md. Chute-wagon.	868,278	Oct. 15	1659	469	130	1864
Kratzenstein, Lorenz, Buffalo, N. Y. Whistle-valve.	848,999	Apr. 2	772	157	127	1784
Kratzer, Franz, assignor to A. Moralt, Bad Tölz, Germany. Friction-brake-setting device.	867,054	Sept. 24	3533	1001	130	1201
Kraus, Georg, Cleveland, Ohio. Flour-bin.	857,076	June 18	3190	671	128	2575
Kraus, John, Oakland, Cal. Street-display sign.	848,253	Mar. 26	5074	1109	127	1368
Kraus, John B., Puyallup, Wash. Tool.	842,098	Jan. 22	4612	990	126	1288
Kraus, Otto, New York, N. Y. Horn-support for talking-machines.	846,926	Mar. 12	2440	535	127	650
Kraus, Otto, New York, N. Y. Horn-support for talking-machines.	849,138	Apr. 2	1074	215	127	1863
Kraus, Otto, New York, N. Y. Folding horn.	850,375	Apr. 16	3384	707-8	127	2526
Krausch, Walter T., La Grange, Ill. Automatic dumping and righting hoisting-bucket.	859,858	Jan. 1	107	26	126	31
Krause, Alfred. (See Schröder, Adolph, assignor.)						
Krause, Daniel E., Chase, Wis. Clutching device.	844,730	Feb. 19	4012	855	126	2858
Krause, Daniel E., Chase, Wis. Drilling-machine.	856,473	June 11	2048	421	128	2247
Krause, Hugo C., assignor of one-third to C. T. Brown, Chicago, Ill. Garment-holder.	872,297	Nov. 26	4515	1071	131	1123
Krause, Richard E., assignor of one-half to E. J. Kaltenbach, Brooklyn, N. Y. Rotary explosive-engine.	851,675	Apr. 30	5954	1244	127	3239
Krause, Richard E., New York, assignor of one-half to E. J. Kaltenbach, Brooklyn, N. Y. Rotary engine.	863,727	Aug. 20	2538	701-2	129	2939
Krause, Romanus, assignor of one-half to E. B. Bell, Swanquarter, N. C. Combined potato-digger and cotton-chopper.	850,019	Apr. 9	2690	564	127	2306
Krause, Walter W., Greenleaf, Wis. Door-latch.	842,562	Jan. 29	5638	1192	126	1587
Krause, William G. C., Waterbury, Conn., assignor to C. B. Schoenmehl. Battery-plate.	848,559	Mar. 26	5671	1241-2	127	1516
Krauss, George M., Omaha, Nebr. Calf-weaner.	869,913	Nov. 5	55	16	131	19
Krauth, Albert, Hamilton, Ohio. Autographic register.	844,370	Feb. 19	3033	647	126	2625
Krautzberger, Albert, Holzhausen, near Leipzig, Germany. Dust-collector.	858,607	July 2	425	111	129	151
Kray, John A., assignor of two-thirds to D. M. Rothenberger and C. S. Foltz, Lancaster Pa. Rotary engine.	851,944	Apr. 30	6519	1359	127	3385
Kreag, John A., Rochester, N. Y. Polishing-brush.	846,793	Mar. 12	2157	475	127	579
Kreibitz, Peter, Munich, Germany. Manufacture of soap.	858,295	June 25	5575	128	128	3207
Krebs, Arthur, assignor to Societe Anonyme des Anciens Etablissements Panhard et Levasor, Paris, France. Shock-absorber.	859,822	July 9	2306	627	129	800
Krebs, Arthur, assignor to Societe Anonyme des Anciens Etablissements Panhard et Levasor, Paris, France. Apparatus for checking or deadening the vibrations imparted to suspended vehicles.	872,825	Dec. 3	1063	222-3	131	1335
Kregelius, Louis M., Cleveland, Ohio. Can for polishing compositions.	858,725	July 2	631	165	129	218
Krehbiel, John, Cleveland, Ohio. Dish-washing machine.	849,627	Apr. 9	2003	411	127	2133
Krehbiel, John, Cleveland, Ohio. Rotary engine.	868,100	Oct. 15	1395	391	130	1782
Krehbiel, John, assignor to American Machinery Company, Cleveland, Ohio. Car-vestibule.	851,945	Apr. 30	6522	1360	127	3386
Krehbiel, Wilbur H., Cincinnati, Ohio. Loose-leaf binder.	851,096	Apr. 23	4769	1003	127	2914
Kreinsen, Wilhelm, Burbach-on-the-Saar, Germany. Contact device with a swinging plug for electrical circuits.	861,468	July 30	4903	1346	129	1739
Kreis, Gustavus A. (See Nye, George E., assignor.)						
Kreisle, Arthur M. E., et al. (See Luthy, Joseph O., assignor.)						
Kreisle, William C., et al. (See Luthy, Joseph O., assignor.)						
Kreisser, John D., Cincinnati, Ohio. Artificial-minnow fishing-bait.	857,883	June 25	4739	1007	128	2993
Kreitzburg, John W., Allegany, Md. Nut-lock.	841,542	Jan. 15	3500	756	126	981
Krejci, Joseph. (See Kaspar and Krejci.)						
Krell, Albert. (See Wellin, Peter, assignor.)						
Krell, Emil F., Detroit, Mich. Vehicle-wheel.	854,655	May 21	4560	952	128	1233
Kremer, Francis, Manchester, Okla. Ter. Roost for chickens.	840,631	Jan. 8	1704	375	126	481
Kremer, Franklin W. (See Thomson and Kremer.)						
Kremer, Irving I., New York, N. Y. Non-refillable bottle.	856,785	June 11	2639	543	128	2397
Kremer, Irving I., New York, N. Y. Non-refillable bottle.	874,211	Dec. 17	3922	826	131	1861
Kremer, John F. (See Smith, Thurow, and Kremer.)						
Krenrich, William, Bloomfield, N. J., and F. Hammond, Essex, Conn. Holder for graphophone-cylinders.	853,805	May 14	2894	595	128	776
Krentler-Arnold Hinge Last Company. (See Krentler, Edwin O., assignor.)						
Krentler-Arnold Hinge Last Company. (See Krentler, George A., assignor.)						
Krentler-Arnold Hinge Last Company. (See Perry, Reuben W., assignor.)						
Krentler-Arnold Hinge Last Company. (See Pym, Charles F., assignor.)						
Krentler-Arnold Hinge Last Company. (See Shainsey, Frederick J., Sr., assignor.)						
Krentler-Arnold Hinge Last Company. (See Trufant, Walter E., assignor.)						
Krentler Brothers Company. (See Pym, Charles F., assignor.)						
Krentler, Edwin O., assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich. Hinged last.	864,654	Aug. 27	3994	1108	129	3419
Krentler, Edwin O., assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich. Last-lock.	865,712	Sept. 10	1487	420	130	843
Krentler, George A., assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich. Last.	842,319	Jan. 29	5104	1086	126	1446
Krepp, Maxwell, Franklin, Pa. Rod-catcher.	848,911	Apr. 2	631	126	127	1750
Krepp, Peter, Pittsburg, Pa. Lathe.	860,921	Feb. 23	4013	1090-1100	129	1420
Krepper, Emil, St. Louis, Mo. Continuous still.	843,217	Feb. 5	780	161	126	1992
Krepsky, Hugo A. (See Greene and Krepsky.)						
Kretzer, Jonas A., Mound City, Mo. Steam ash-remover for boilers.	868,455	Oct. 15	1952	544-5	130	1949
Kretzinger, George W. (See Wilson, David H., assignor.)						
Kreul, Dwight G. (See Clark and Kreul.)						
Krickbaum, William M., assignor to Grasselli Chemical Company, Cleveland, Ohio. Rotary cleaning-cylinder.	843,466	Feb. 5	1233	259	126	2101
Kriebel, George D., Wichita, Kans. Quilting-frame.	864,473	Aug. 27	3679	1024	129	3325
Krieg Gas Burner Company. (See Krieg, John C., assignor.)						
Krieg, John C., assignor to Krieg Gas Burner Company, Newark, Ohio. Gas-burner for furnaces.	867,382	Oct. 1	241	69	130	1387
Kriegel, George, Burrows, Pa. Churn.	858,519	July 2	269	66	129	96
Krieger, Andrew, Columbus, Ohio. Manufacture of single-spiral augers.	846,113	Mar. 5	810	169-70	127	-206
Krieger, Andrew, assignor of one-half to A. M. Harris, Columbus, Ohio. Detachable-tooth saw.	867,980	Oct. 15	1212	335	130	1726
Krieger, Louis, Paris, France. Gearing.	863,612	Aug. 20	2387	655	129	2889
Krieger, Louis, Paris, France. Means for operating the controlling-switches of electric vehicles.	863,613	Aug. 20	2387	655	129	2889

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Krieger, Michael H. (See Hoag and Krieger.)						
Kriesel, Gustave F., Minneapolis, Minn. Cheese-cutter	856,474	June 11	2051	421-2	128	2248
Krimmelbein, Leopold, Baltimore, Md., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Quick-action automatic release mechanism for air-brakes. (Reissue).	12,680	Aug. 13	2313	633-4	129	2834
Kriner, Jeremiah, Carlisle Springs, Pa. Hook	867,886	Oct. 8	1011	288	130	1642
Kriner, William H., Hagerstown, Md. Gage-cock	857,634	June 25	4262	900	128	2875
Kristensen, Sigvald A. C., Copenhagen, Denmark. Production of matrices for stereotyping and the like	860,671	July 23	3631	.....	129	1297
Kristensen, Sigvald A. C., Sötorp per Valby, near Copenhagen, assignor to Andelssekskabet Internationalt Metallotypikompagni, Limited, Copenhagen, Denmark. Stereotyping	840,775	Jan. 8	1980	.....	126	550
Kritzler, Julius, Kiel, Germany. Piston packing-ring	865,402	Sept. 10	997	285	130	332
Krizek, Alphons, Coburg, Germany. Apparatus for hand gymnastic exercises	867,981	Oct. 15	1213	335	130	1726
Krmpotic, Dominic, Brunswick, Victoria, Australia. Machine for shelling green peas and the like	858,608	July 2	427	111	129	152
Kroeber, Thilo, assignor to Firm of Society of Chemical Industry in Basle, Basel, Switzerland. Monoazo dye and making same	844,814	Feb. 19	4188	.....	126	2905
Kroencke, Alfred J., Pittsburg, Pa., assignor to T. C. King, East Orange, N. J. Forming book-backs	857,003	June 11	3039	640	128	2496
Kronke, Alfred J., Lakewood, assignor to F. Hohlfelder Company, Cleveland, Ohio. Corner-lock for metallic bedsteads	852,726	May 7	710	138	128	187
Kroeschell, Charles, Chicago, Ill. Boiler construction	843,152	Feb. 5	634	134	126	1956
Krohn, John O. E. (See Van Duser and Krohn.)						
Kromayer, Ernst, Berlin, Germany. Applicator for the scalp	858,995	July 2	1071	281	129	365
Kromm, Louis H., assignor of one-half to C. H. Lightheiser, Baltimore, Md. Hoof-pad	845,649	Feb. 26	5809	1228	126	3350
Kronacher, Joseph, Bamberg, Germa y. Folding brush	851,527	Apr. 23	5633	1179	127	3129
Krone, Johannes, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Training-lever for guns	842,563	Jan. 29	5641	1193	126	1587
Krone, Johannes, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Disappearing gun-carriage	871,708	Nov. 19	3238	802	131	898
Kronke, Richard P., Meriden, Conn. Tug-loop	842,467	Jan. 29	5462	1158	126	1548
Kronman, Edward, assignor, by mesne assignments, of one-half to S. Blickman, New York, N. Y. Sterilizing apparatus	861,469	July 30	4904	1346	129	1740
Kronstein, Abraham, Karlsruhe, Germany. Manufacture of varnishes, balsams, and resins	843,401	Feb. 5	1116	.....	126	2072
Kropat, Eduard, assignor of one-half to O. Schindler, Rochester, N. Y. Tool	860,098	July 16	2749	750	129	972
Kroschel, August H., assignor to F. Eichenhofer and N. A. Ross, Los Angeles, Cal. Combined grading and bordering machine	871,709	Nov. 19	3239	802	131	898
Krotz, Alvaro S., assignor of one-half to P. A. Staley, Springfield, Ohio. Electric generator and motor	866,286	Sept. 17	2378	662	130	805
Krouse, Edward W., et al. (See Eastman, Harry E., assignor.)						
Krower, Alfred J., New Orleans, La. Weather-front for automobiles	860,811	July 23	3840	1053	129	1364
Krueger, Louis, E. J. Kinkler, and O. H. Carmichael, Beeville, Tex. Pipe-clamp	847,082	Mar. 12	2733	603	127	721
Krueger, Richard G., Cresco, Iowa. Spring draft attachment	871,282	Nov. 19	2374	614	131	760
Kruesi, August H., Schenectady, N. Y., assignor to General Electric Company. Means for supplying lubricant for the bearings of elastic-fluid turbines	846,794	Mar. 12	2158	475	127	579
Kruesi, August H., Schenectady, N. Y., assignor to General Electric Company. Shaft-bearing	846,795	Mar. 12	2162	476	127	580
Kruesi, August H., Schenectady, N. Y., assignor to General Electric Company. Lubricating system for turbine-shaft bearings	846,796	Mar. 12	2167	476-7	127	582
Krug, Oscar A., assignor to himself and W. H. Newman, Cincinnati, Ohio. Railway-switch mechanism	851,528	Apr. 23	5635	1180	127	3129
Krüger, August, Köslin, Germany. Joiner's clamp	848,036	Mar. 26	4712	1027	127	1277
Krüger, Ernst, Berlin, Germany. Polishing-machine	855,644	June 4	380	79	128	1791
Krüger, Friedrich C. (See Wallot and Krüger.)						
Kruh, Osias O., Schenectady, N. Y., assignor to General Electric Company. Vapor-rectifier system	871,171	Nov. 19	2129	570	131	722
Krulder, Peter, Jr. (See Krulder, Peter H. J. and P., Jr.)						
Krulder, Peter H. J. and P., Jr., New York, N. Y. Lock	868,997	Oct. 22	2824	777	130	2250
Krüll, August, Acton, England. Bayonet and side arm	873,054	Dec. 10	1582	331	131	1446
Krum, Charles L., Chicago, Ill. Electric signal	843,283	Feb. 5	922	187	126	2025
Krum, Charles L., Chicago, Ill. Printing-telegraph	862,402	Aug. 6	490	131-3	129	2240
Krumling, Heinrich, Chicago, Ill. Stock-nursing appliance	840,632	Jan. 8	1705	375	126	481
Krumm, Paul O. (See Till and Krumm.)						
Krummel, Louis C., Clinton, Conn. Forming sheet-metal receptacles	874,346	Dec. 17	4186	881	131	1905
Krummen, George. (See McNamara and Krummen.)						
Krupp, Frank, New Orleans, La. Bedstead	857,407	June 18	3808	808	128	2729
Krupp, Fried. (See Mothes, Georg, assignor.)						
Krupp, Fried. (See Wratzke, Alfred, assignor.)						
Kruse, Alfred T., assignor to American Steel Package Company, Defiance, Ohio. Sheet-metal packing-case	851,097	Apr. 23	4770	1003	127	2914
Kruse, Alfred T., assignor, by mesne assignments, to American Steel Package Company, Defiance, Ohio. Sheet-metal packing-case	870,728	Nov. 12	1357	371	131	476
Kruse, Alfred T., assignor to American Steel Package Company, Defiance, Ohio. Sheet-metal packing-case	872,998	Dec. 3	1420	297	131	1391
Kruse, Carl and E. J., Seattle, Wash. Bread kneading and molding machine	841,408	Jan. 15	3257	702	126	917
Kruse, Edward W., Higginsville, Mo. Bill-file	849,139	Apr. 2	1076	215	127	1864
Kruse, Ernst J. (See Kruse, Carl and E. J.)						
Kruse, John, St. Louis, Mo. Keyless padlock	870,890	Nov. 12	1618	443-4	131	556
Krusius, Edward, New York, N. Y. Safety-razor	855,252	May 28	5807	1210	128	1580
Kryger, Henry H., Minneapolis, Minn. Cutting mechanism for harvesters and similar machines	855,645	June 4	383	80	128	1792
Kryger, Henry H., Minneapolis, Minn. Cover for journal-boxes	857,243	June 18	3498	739	128	2652
Kryptok Company. (See Dieckmann, Carl F., assignor.)						
Ksensky, Louis A. (See Kohn, Kobay, assignor.)						
Kuba, Frank, New York, N. Y. Keyboard	860,489	July 16	3330	912	129	1165
Kubelka, Rudolf, Washington, D. C. Sleigh attachment for vehicles	861,037	July 23	4210	1152-3	129	1482
Kubicek, Albert F., Chicago, Ill. Automatic air sanding-machine	867,055	Sept. 24	3534	1001	130	1202
Kübler, Carl F., Düsseldorf, Germany. Apparatus for applying fluids to fabrics	856,885	June 11	2814	586	128	2440
Kübler, Carl F., Düsseldorf, Germany. Applying small quantities of fluids on fabrics	856,886	June 11	2815	586	128	2440
Kuck, Albert P., et al. (See Porter, Joseph L., assignor.)						
Kuckuck, Berthold, Wannsee, near Berlin, assignor to Hülsberg & Cie. mit beschränkter Haftung, Charlottenburg, Germany. Apparatus for impregnating wood or other substances	866,487	Sept. 17	2662	744	130	895
Kuderer, Charles, Allegheny, Pa. Ventilating apparatus	854,582	May 21	4433	921	128	1202
Kuderer, Charles, Allegheny, Pa. Pneumatic fan	874,212	Dec. 17	3923	827	131	1861

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Kudrie, Albert, Sibley, Iowa. Draft-equalizer.....	851,676	Apr. 30	5957	1244	127	3240
Kudrie, Jaroslav, and L. Svoboda, Chicago, Ill. Cloth-steaming brush.....	848,377	Mar. 26	5344	1163	127	1433
Kuehn, Carl A., Salt Lake City, Utah. Pendulum-power pump.....	861,291	July 30	4611	1259	129	1650
Kuehner, Charles, assignor, by mesne assignments, to H. G. Possner, Cranston, R. I. Pantographic engraving-machine.....	894,655	Aug. 27	3995	1109	129	3420
Kuehnlein, Harry. (See Kuehnlein, William and H.)						
Kuehnlein, Harry and W., Philadelphia, Pa. Music-leaf turner.....	867,056	Sept. 24	3536	1002	130	1202
Kuehnlein, William. (See Kuehnlein, Harry and W.)						
Kuehnlein, William and H., Philadelphia, Pa. Culinary utensil.....	865,917	Sept. 10	1820	508	130	599
Kuen, Charles W., Chicago, Ill. Burglar-alarm.....	843,614	Feb. 12	1566	330-1	126	2218
Kuen, Eugene A. (See Brunhoff and Kuen.)						
Kuensting, Charles, Woodburn, Oreg. Hop-press.....	867,142	Sept. 24	3658	1039	130	1237
Kuersten, Hugo R., assignor of two-thirds to G. M. Hecht and C. F. Brod, Chicago, Ill. Sausage-linking machine.....	854,044	May 21	3408	703-4	128	941
Kuerzi, Francis J., assignor to Sanitary Feed Bag Company, New York, N. Y. Bag-bottoming machine.....	864,098	Aug. 20	3100	857	129	3113
Kufferath, August, assignor to L. C. Marquart, Beuel, near Bonn, Germany. Arc-light carbon.....	840,222	Jan. 1	881		126	239
Kugel, Paul. (See Gelpke and Kugel.)						
Kügelgen, Franz von. (See Seward and von Kügelgen.)						
Kügelgen, Franz von, and G. O. Seward, Holcombs Rock, Va. Producing light metals by electrolysis.....	850,376	Apr. 16	3386	708	127	2526
Kügelgen, Franz von, and G. O. Seward, Holcombs Rock, Va. Production of calcium alloys.....	856,475	June 11	2053	422	128	2248
Kügelgen, Franz von, and G. O. Seward, Holcombs Rock, Va. Electric-furnace process.....	868,400	July 2	57	16	129	21
Kügelgen, Franz von, and G. O. Seward, Holcombs Rock, Va. Electrolysis of fused salts.....	865,648	Sept. 10	1391		130	454
Kügelgen, Franz von, and G. O. Seward, Holcombs Rock, Va. Electrolysis of fused alkaline chlorides.....	868,670	Oct. 22	2317		130	2094
Kügelgen, Franz von, and G. O. Seward, Holcombs Rock, Va., assignors, by mesne assignments, to Tin Products Company. Detinning.....	851,946	Apr. 30	6524		127	3387
Kügelgen, Franz von, and G. O. Seward, Holcombs Rock, Va., assignors, by mesne assignments, to Tin Products Company. Detinning.....	853,461	May 14	2194		128	596
Kugelmann, August B. (See Date and Kugelmann.)						
Kuheim, Charles, Kansas City, Mo. Follower for barrels.....	839,859	Jan. 1	108	27	126	31
Kuheim, Charles, Kansas City, Mo. Barrel-follower.....	870,729	Nov. 12	1359	371	131	477
Kuhl, Albert F., Van Wert, Ohio. Mail-receiver.....	873,247	Dec. 10	1942	407	131	1507
Kuhlkin, Martin T. (See Newbery, Reed, and Kuhlkin.)						
Kuhlman, John F., Hammond, Ind. Sewer-cleaning apparatus.....	863,073	Aug. 13	1570	424	129	2604
Kuhn, Edmond, East Orange, N. J., assignor to G. and E. Bunzl, New York, N. Y. Stem winding and setting watch.....	870,109	Nov. 5	358	101	131	119
Kuhn, Thomas, Hornell, N. Y. Drill-brace.....	847,013	Mar. 12	2594	569	127	689
Kühne, Ernest, New York, N. Y. Suspending device for electric-arc lamps and similar objects.....	854,827	May 28	4939	1026	128	1360
Kühne, Karl A., Dresden, Germany. Reducing refractory oxides.....	861,129	July 23	4342		129	1527
Kühne, Paul, New York, N. Y. Concrete-steel construction.....	845,554	Feb. 26	5629	1192	126	3306
Kuhns, John P., assignor to National Tag Company, Dayton, Ohio. Machine for making pin-tickets.....	864,005	Aug. 20	2959	816	129	3069
Kuhs, Max, Oderberg, Mark, and G. Petig, Brandenburg-on-the-Havel, Germany. Drill-chuck.....	868,101	Oct. 15	1397	391	130	1783
Kuhsiek, Albert J. H., Jersey City, N. J., assignor to R. Neumann Hardware Co. Combined corner-shield and caster.....	843,153	Feb. 5	635	134	126	1956
Kujawa, Friedrich L. (See Domsen and Kujawa.)						
Kukielski, Anton, Jersey City, N. J. Wagon-dumping mechanism.....	840,854	Jan. 8	2127	469	126	584
Kukovac, George, Chicago, Ill. Bicycle-brake.....	868,671	Oct. 22	2317	642	130	2094
Kummer, Heinrich, et al. (See Wheeler, Seth, assignor.)						
Kumph, John W., Danvers, Mass. Vulcanized fibrous composition.....	860,751	July 23	3757		129	1335
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	843,828	Feb. 12	1939	415	126	2314
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	845,240	Feb. 26	5010	1065	126	3153
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	848,560	Mar. 26	5673	1242	127	1516
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	849,628	Apr. 9	2007	411	127	2134
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	850,839	Apr. 16	4279	898	127	2752
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	857,288	June 18	3590	760	128	2675
Kunath, Edward F., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	857,635	June 25	4263	901	128	2875
Kundtz, Theodor, and J. Rehor, Cleveland, Ohio; said Rehor assignor to said Kundtz. Sewing-machine cabinet.....	847,483	Mar. 19	3530	772-3	127	949
Kundtz, Theodor, Lakewood, and J. Rehor, Cleveland, Ohio; said Rehor assignor to said Kundtz. Machine-bearing cabinet.....	857,181	June 18	3394	716-17	128	2626
Kunick, George, London, England. Homogenizing emulsions.....	840,500	Jan. 8	1445		126	415
Kunitz, Adolph, Norfolk, Nebr. Candy-dipping machine.....	875,189	Dec. 31	5900	1230	131	2238
Kunkel, Anton, assignor to Firm of A. Saurer, Arbon, Switzerland. Carbureter.....	851,759	Apr. 30	6121	1279	127	3282
Kunkel, Charles, Jr. (See Meierhoff and Beckmann, assignors.)						
Kunkel, Ferdinand, Concordia, Kans. Animal-trap.....	842,837	Jan. 29	6232	1315	126	1732
Kunkel, John, Wellsburg, W. Va. Jar-closure clamp.....	865,187	Sept. 3	646	182	130	166
Kunkle, John C., Brooklyn, N. Y. Keyboard-transmitter.....	856,265	June 11	1584	332	128	2128
Kunst, George H. A., et al. (See McLane, Joseph A., assignor.)						
Kunstfaden Gesellschaft mit beschränkter Haftung. (See Bottler, Charles, assignor.)						
Kuntzen, Otto, Berlin, Germany. Means for operating fare and distance indicators.....	867,887	Oct. 8	1012	289	130	1642
Kunz, George F., New York, N. Y. Device for effecting illumination.....	863,287	Aug. 13	1907	515	129	2708
Kunz, Ludwig, New York, N. Y. Saccharimeter.....	859,453	July 9	1754	469	129	622
Kunz, Max A. (See Scholl and Kunz.)						
Kunz, Robert. (See Gabler and Kunz.)						
Kunze, Reinhart F., Detroit, Mich. Fluting-machine.....	865,188	Sept. 3	647	183	130	197
Kunzinger, Philip. (See Miller and Kunzinger.)						
Kunzler, Charles J., Pittsburg, Pa. Roofing construction.....	846,572	Mar. 12	1729	381	127	468
Kunzmann, Jacob. (See Fairall and Kunzmann.)						
Kupelwieser, Paul, Brioni, near Pola, Austria-Hungary. Sash-window.....	846,573	Mar. 12	1732	382	127	469
Kurig, Josef, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Sighting device for portable guns.....	842,564	Jan. 29	5642	1193-4	126	1588

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Kurtz, Stewart S. (See Nusly, Samuel C., assignor.)						
Kurtzon, Morris, Chicago, Ill. Adjustable bracket.	874,014	Dec. 17	3467	739	131	1795
Kurz, August W., Cleveland, Ohio. Receiving-head for catch-basins.	868,672	Oct. 22	2318	642	130	2094
Kurz, Ludwig, Hagenau, Alsace Lorraine, Germany. Making preserved meat.	863,926	Aug. 20	2853		129	3038
Kurz, Otto, assignor to Foyer Manufacturing Company, Sturgis, Mich. Collapsible carriage.	866,145	Sept. 17	2168	604-5	130	737
Kusel, Harry J., Chicago, Ill., assignor to Williams-Abbott Electric Company, Cleveland, Ohio. Annunciator.	842,565	Jan. 29	5646	1194	126	1588
Kusserow, Curt von, Lübbecke, Germany. Vehicle-wheel.	866,367	Sept. 17	2506	699	130	846
Kuszmaul, William F., Jr., Baltimore, Md. Device for filling and charging liquids under pressure.	868,931	Oct. 22	2719	748	130	2216
Kutnow Bros. (See Powers, Timothy B., assignor.)						
Kutsche, Oswald, assignor to G. A. Woltman, York, Pa. Brick-machine.	850,435	Apr. 16	3498	731-2	127	2555
Kutz, Louis J., assignor to Fanner Manufacturing Company, Cleveland, Ohio. Corner-fastening for beds.	853,927	May 14	3167	649	128	843
Kuykendall, Leander, Riverside, Cal. Truck.	856,887	June 11	2815	587	128	2440
Kuzel, Hans, Baden, near Vienna, Austria-Hungary. Converting elements into the colloidal state.	871,599	Nov. 19	3058		131	866
Kvam, Sigvart, Minneapolis, Minn. Husking-glove.	871,805	Nov. 26	3465	849	131	961
Kwikkel, Adam, Boyden, Iowa. Horseshoe.	861,130	July 23	4342	1190	129	1527
Kyle, George S., assignor of one-half to Q. Hafer, Chambersburg, Pa. Seesaw.	847,787	Mar. 19	4158	907	127	1106
Kyle, John A., Chicago, Ill. Material for protecting sheets, &c., in tinning.	842,212	Jan. 29	4889		126	1393
Kyle, Joseph W. (See Reimund and Kyle.)						
Kyle, Thomas D., Chicago, and E. H. Waugh, Evanston, Ill.; said Waugh assignor to said Kyle. Bottle-handling apparatus.	851,425	Apr. 23	5440	1139	127	3085
Kyllo, Lorenst C., Faribault, Minn. Conveyor.	851,760	Apr. 30	6123	1280	127	3283
Kyllonen, Erik, Enterprise, N. D. Tubular grate.	867,582	Oct. 8	552	156	130	152
L. McBrine Company <i>et al.</i> (See Hackett, John A., assignor.)						
L. Moore Dry Kiln Company. (See Moore, La Fayette, assignor.)						
L. B. McCargar Feed Mills Company. (See McCargar, Lorren B., assignor.)						
L. B. Tebbetts & Sons Carriage Company. (See Ferris and Tebbetts, assignors.)						
L. B. Tebbetts & Sons Carriage Company. (See Tebbetts, George S., assignor.)						
L. C. Smith and Bros. Typewriter Company. (See Gabrielson, Carl, assignor.)						
L. E. Knott Apparatus Company. (See Knott, Louie E., assignor.)						
L. E. Knott Apparatus Company. (See Packard, John C., assignor.)						
L. S. Starrett Co. (See Adell and Starrett, assignors.)						
L. S. Starrett Co. (See Starrett, Laroy S., assignor.)						
L. S. Starrett Co. (See Starrett and Adell, assignors.)						
"L'Aspirator" Company. (See Blum, Jules R., assignor.)						
L'Hoest, Gustave, Brussels, and H. Pieper, Liege, Belgium. Coupling for electric cables.	868,460	Oct. 15	1958	546	130	1951
L'Hommedieu, Charles A., Buffalo, assignor of two-thirds to W. A. L'Hommedieu, New York, and H. L'Hommedieu, Buffalo, N. Y. Combined telephone desk-stand and call-bell.	849,250	Apr. 2	1270	258	127	1913
L'Hommedieu, Harry, <i>et al.</i> (See L'Hommedieu, Charles A., assignor.)						
L'Hommedieu, William A., <i>et al.</i> (See L'Hommedieu, Charles A., assignor.)						
La Bare, Frank. (See Howe, Deeg, and La Bare.)						
La Bare, Frank, assignor to Owatonna Manufacturing Company, Owatonna, Minn. Combined churn and butter-worker.	866,038	Sept. 17	2010	561	130	688
La Bate, James H., Brockton, Mass. Thread controlling and unwinding device for sewing-machines.	849,140	Apr. 2	1078	215	127	1864
La Bauve, Odolon J., Edna, Tex. Coop or crate.	855,790	June 4	668	137	128	1866
La Bauve, Valcours J., Houston, Tex. Trolley-wire holder.	850,020	Apr. 9	2692	565	127	2307
La Berge, Maximilian E., Los Angeles, Cal. All-glass knockdown show-case.	845,650	Feb. 26	5810	1228	126	3350
La Berge, Maximilian E., Los Angeles, Cal. Semi-knockdown all-glass show-case.	845,651	Feb. 26	5813	1228	126	3350
La Berge, Maximilian E., Los Angeles, Cal. Illuminated show-case.	845,652	Feb. 26	5815	1229	126	3351
La Berge, Maximilian E., Los Angeles, Cal. Sliding-door construction for show-cases.	845,729	Feb. 26	5975	1262	126	3392
La Chapelle, Francis, San Francisco, Cal. Contouring gold tooth-crowns.	865,112	Sept. 3	539	150	130	163
La Compagnie Française de l'Amiante du Cap. (See Chaplet, Frédéric M., assignor.)						
La Compagnie Generale De Phonographes, Cinematographes & Appareils De Precision. (See Ivatts, Ernest A., assignor.)						
La Compagnie pour la Fabrication des Compteurs et Materiel d'Usines à Gaz. (See Heeley and Féry, assignors.)						
La Continentale Fixator. (See Arbey, Charles A., assignor.)						
La Cour, Jens L. (See Arnold and La Cour.)						
La Ferte, Frank E., Chicago, Ill. Artificial paw.	858,877	July 2	889	232	129	306
La Fleur, William J., Northampton, Mass. Roller attachment for sled-runners.	847,789	Mar. 19	4160	908	127	1107
La Fleur, William J., Northampton, Mass. Attachment for sled-runners.	874,969	Dec. 31	5471	1143	131	2166
La Follette, William P., New Salisbury, Ind. Combined plow and cultivator.	862,977	Aug. 13	1414	385	129	2554
La Hodny, William, Buffalo, N. Y. Combination cheval-glass and desk or the like.	847,342	Mar. 19	3238	713	127	874
La Londe, Henry J., Sault Ste. Marie, Mich. Shoe-fitting stool.	863,541	Aug. 13	2267	615	129	2821
La May, Arthur C., Rochester, assignor, by mesne assignments, to American News Company, New York, N. Y. Display-rack.	855,462	June 4	40	9-10	128	1705
La May, Frank B., assignor to Caldwell Manufacturing Company, Rochester, N. Y. Looking-glass holder.	858,080	June 25	5187	1100	128	3108
La May, Frank B., assignor to Kee Lox Manufacturing Company, Rochester, N. Y. Spool or reel.	866,039	Sept. 17	2013	562	130	689
La Mont, Victor. (See Rabie, Zephire, assignor.)						
La More, James, Grand Rapids, Mich. Dress-skirt gage.	873,882	Dec. 17	3220	686	131	1753
La Motte, Arthur, assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Non-hygroscopic compound and explosive treated therewith.	850,589	Apr. 16	3789		127	2630
La Paugh, Louie T., Utica, N. Y. Outlet-box.	851,597	Apr. 23	5786	1210	127	3168
La Paugh, Louie T., Utica, N. Y. Outlet-box.	851,598	Apr. 23	5787	1210	127	3168
La Paugh, Louie T., Utica, N. Y. Outlet-box.	854,045	May 21	3412	704	128	942
La Paugh, Louie T., Utica, N. Y. Outlet-box.	854,046	May 21	3414	705	128	942
La Penotiere, Edward M., Minneapolis, Minn. Flying-machine.	861,740	July 30	5304	1462	129	1862
La Riviere, Alfred G., assignor to J. Stevens Arms and Tool Company, Chicopee Falls, Mass. Gun-sight.	847,953	Mar. 19	4519	991	127	1191
La Riviere, Alfred G., and W. Ferguson, assignors to J. Stevens Arms & Tool Company, Chicopee Falls, Mass. Breech-loading firearm.	858,520	July 2	270	66	129	96
La Rocque, Joseph, Chicago, Ill. Display-cover for provision and other receptacles.	862,868	Aug. 6	1258	341	129	2469
La Rose, Aime J. (See Gilbert, George E., assignor.)						
La Rue, A. Horace. (See Chevette, Eugene, assignor.)						
La Rue, Alice P., <i>et al.</i> (See La Rue, Charles W., assignor.)						
La Rue, Charles W., assignor of three-fifths to F. H., F. J., and A. P. La Rue, Grand Rapids, and one-fifth to W. L. Wilcox, Leroy, Mich. Tank-siphon for locomotives.	869,854	Oct. 29	4158	1148	130	2684

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La Rue, Frank J., <i>et al.</i> (See La Rue, Charles W., assignor.)						
La Rue, Fred H., <i>et al.</i> (See La Rue, Charles W., assignor.)						
La Société Anonyme du Chryso-Cerame. (See Jonkergouw, Renier E. H., assignor.)						
La Société Besnard, Maris & Antoine. (See Maris, Georges, assignor.)						
La Société de Moya et Cie. (See Moya, José de, assignor.)						
La Société Nouvelle des Etablissements de l'Horme et de la Buire. (See Saint Vaulry, Dargier de, assignor)						
La Tremouille, David and H. G., Oswego, N. Y. Poison-bottle.....	853,887	May 14	3085	633	128	821
La Tremouille, Huldege G. (See La Tremouille, David and H. G.)						
La Valette, Henri de, Paris, France. Magneto igniting device for explosive-engines.....	875,534	Dec. 31	6568	1372	131	2346
La Vergne, John, Newark, N. J. Primer for pumps.....	868,192	Oct. 15	1518	430	130	1819
La Zacualpa Rubber Plantation Company. (See Leshner, Charles A., assignor.)						
Laas, Edward. (See Sponenburg, Hiram H., assignor.)						
Laas & Sponenburg Co. (See Fischer, Jens J. O., assignor.)						
Laas & Sponenburg Co. (See Sponenburg, Hiram H., assignor.)						
Labadie, Joseph A. O., <i>et al.</i> (See Aubé and Tremblay, assignors.)						
Labarre, George, New Orleans, La. Loose-leaf binder.....	850,659	Apr. 16	3945	824	127	2671
Labbé, Henri. (See Donard and Labbé.)						
Labeau, Louis, Briggsville, Mass. Guard for take-up mechanisms for looms.....	846,219	Mar. 5	1010	216	127	256
Laberee, George P. (See Thompson and Laberee.)						
Labhardt, Hans, Mannheim, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Making zinc formaldehyde hydrosulfite.....	871,600	Nov. 19	3061	.....	131	866
Labonty, Napoleon, Pawtucket, R. I. Dyeing-machine.....	853,700	May 14	2685	553	128	724
Labreck, Louis, Millbury, Mass. Tool.....	857,077	June 18	3192	672	128	2576
Labrot, Sylvester W., New Orleans, La. Preserving wood.....	862,488	Aug. 6	653	.....	129	2291
Labry, Joseph S., Viva, La. Lard dipper and measure.....	849,074	Apr. 2	920	188	127	1823
Labus, Josef E. and G. J. Schreiber, Vienna, Austria-Hungary. Motor-vehicle actuated by friction-gear.....	863,406	Aug. 13	2072	559	129	2764
Lace, Edward, Chicago, Ill. Meat-chopping machine.....	843,898	Feb. 12	2082	447	126	2348
Lace, Raymond F., Columbus, Ohio. Boring-bar.....	847,788	Mar. 19	4159	908	127	1106
Lace, Raymond F., and J. Ulrich, Columbus, Ohio. Machine for refacing valve-seats...	843,615	Feb. 12	1568	331	126	2219
Lacene Manufacturing Company. (See Nichols, Elmer P., assignor.)						
Lacey, Dennis E. (See Nichol and Lacey.)						
Lachêze, Emile, Dijon, France. Wrench.....	841,986	Jan. 22	4404	949	126	1239
Lachman, Laurence, New York, N. Y., assignor to Standard Pulley Manufacturing Company. Electric welding.....	846,480	Mar. 12	1530	339	127	418
Lacing, Victor, St. Louis, Mo. Radiator.....	869,577	Oct. 29	3747	1025	130	2562
Lackie, James, and F. M. Poston, Bremerton, Wash. Oar-lock and socket therefor.....	843,021	Feb. 5	368	80	126	1884
Lackmann, Raymond A., Portland, Oreg. Mercury or quicksilver still.....	853,701	May 14	2687	554	128	725
Lackner, Frederick, assignor to Neely Nut & Bolt Company, Pittsburg, Pa. Nut-machine.....	840,776	Jan. 8	1982	437-8	126	550
Lackner, Michel J., Dortmund, Germany. Gas-generator.....	849,247	Apr. 2	1266	257	127	1912
Lacomme, Gaston. (See Lee, Arthur L., assignor.)						
Lacomme, Gaston, assignor of one-half to E. C. Eustace, New York, N. Y. Roundabout.....	872,566	Dec. 3	529	110	131	1249
Lacroix, Joseph, and J. V. Cuniff, Fall River, Mass. Loom-shuttle.....	855,791	June 4	670	137	128	1866
Lactic Process Company. (See Clafin, Alan A., assignor.)						
Laczay, George, Hammond, La. Rail-joint.....	849,629	Apr. 9	2010	412	127	2135
Laczay, George, C. Fohn, and C. Elker, Hammond, La. Threshing-machine.....	855,461	June 4	38	9	128	1704
Ladd, Earnest W., assignor of three-fourths to H. Arnold, W. H. Rohrer, H. L. Wheatley, B. M. McQuinn, Washington, D. C., and T. J. Farrar, Va. Cutting-tool.....	865,918	Sept. 10	1821	508	130	509
Ladd, James B., Wayne, Pa. Reversing-valve.....	860,672	July 23	3632	996	129	1297
Ladd, John P., Alliance, Ohio. Gate-valve.....	840,633	Jan. 8	1707	375	126	481
Ladd, Joseph W., Bristol, N. H. Oilier.....	868,456	Oct. 15	1953	545	130	1950
Ladd Metals Company. (See Adams and Powell, assignors.)						
Ladd Metals Company <i>et al.</i> (See Adams and Powell, assignors.)						
Ladd, Story B., Washington, D. C. Cotton-gin.....	849,141	Apr. 2	1079	216	127	1865
Ladd, William C., Mendota, Ill. Skirt-supporter.....	852,511	May 7	268	49	128	74
Ladish, Herman C., Milwaukee, Wis. Fish-hook.....	852,793	May 7	858	173	128	219
Ladoff, Anna M., <i>et al.</i> (See Ladoff, Isador, assignor.)						
Ladoff, Isador, Schenectady, assignor to P. C. Peck, New York, and A. M. Ladoff, Schenectady, N. Y. Electrical conductor for lighting purposes.....	840,634	Jan. 8	1708	376	126	482
Ladwick, David. (See Quist, John, assignor.)						
Lafayette, The Great, New York, N. Y. Theatrical device.....	873,315	Dec. 10	2093	437-8	131	1530
Lafferty, Frank, Elyria, Ohio, and W. Spence, Philadelphia, Pa. Valve mechanism for air-compressors.....	869,373	Oct. 29	3407	396-7	130	2457
Lafin, Frank S., Sears, Ill. Stroke-adjuster for windmills.....	856,888	June 11	2816	587	128	2441
Laganke, Charles F., Cleveland, Ohio, assignor to Elliott-Fisher Company, New York, N. Y. Combination book and billing platen for type-writing machines.....	843,022	Feb. 5	368	80-2	126	1885
Lagasse, Isidore J., and N. Normand, New Bedford, Mass. Jack or lifting device.....	873,248	Dec. 10	1946	407	131	1507
Lage, August, Evely, Iowa. Hay and grain loader, unloader, and stacker.....	843,539	Feb. 5	1410	296	126	2145
Lager, Carl, Baldwinville, N. Y. Centrifugal high-pressure pump.....	865,504	Sept. 10	1164	331	130	384
Lagergren, Jonas T., New York, N. Y. Explosion-engine.....	842,468	Jan. 29	5463	1158	126	1548
Lagergren, Jonas T., New York, N. Y. Explosion-engine.....	858,726	July 2	632	165	129	218
Lagonda Manufacturing Company. (See Dibsdaie, Samuel F., assignor.)						
Lagonda Manufacturing Company. (See Weinland, Henry F., assignor.)						
Lagrange, Paul P., New Orleans, La. Combined lounge and folding bed with a canopy.	842,674	Jan. 29	5903	1243-4	126	1654
Laney, James T., <i>et al.</i> (See Spicer, Thomas J., assignor.)						
Lahn, Ferdinand, assignor of one-half to J. F. Hengelsberg, St. Louis, Mo. Combined rocking and reclining chair.....	841,022	Jan. 8	2474	539	126	674
Lahman, Daniel F., Lahmansville, W. Va. Mail-bag-delivery apparatus.....	850,588	Apr. 16	3788	790-1	127	2629
Lahue, Moses M., Lowell, Mass. Strap, band, and the like.....	862,403	Aug. 6	499	133	129	2242
Laible, Philip D., Newark, N. J. Bottle-washing machine.....	870,730	Nov. 12	1360	372	131	477
Laidlaw, Henri D., assignor of two-thirds to W. H. Burnett and W. D. Parson, San Francisco, Cal. Apparatus for purifying and aging liquors.....	867,143	Sept. 24	3661	1039	130	1238
Laidlaw, John, and J. W. Macfarlane, Glasgow, Scotland. Clutch or brake mechanism.	840,223	Jan. 1	881	190	126	239
Lain, James P., Chicago, Ill. Vehicle.....	847,414	Mar. 19	3395	743	127	914
Laing, Thaddeus R., assignor to Kraft Combination Telephone Company, Chicago, Ill. Apparatus for telephone toll-lines.....	848,378	Mar. 26	5345	1163-4	127	1433
Laird, George, and G. F. Todd, Manchester, England, assignors to Westinghouse Electric & Manufacturing Company. Electrical controller.....	856,476	June 11	2054	422-3	128	2249
Laird, John A., St. Louis, Mo. Mechanical movement.....	846,749	Mar. 12	2070	454	127	556
Laird, John H., Lexington, Va. Interlocking transmission mechanism.....	872,520	Dec 3	422	88	131	1234
Laird, William H. (See Tropp, Bernhard, assignor.)						
Lait, Thomas, Medicine Hat, Alberta, Canada. Operating mechanism for binder sails or fans.....	862,258	Aug. 6	246	70-1	129	2158

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Lake, David M. (See Banister and Lake.).....						
Lake, Edward N., Chicago, Ill. Panel-board for electrical distribution.....	840,068	Jan. 1	556	121-2	126	147
Lake, Fred W. (See Rideout, Eugene P., assignor.).....						
Lake, Golladay, Memphis, Tenn. Vehicle-top support.....	873,055	Dec. 10	1583	331	131	1446
Lake, Golladay, Memphis, Tenn., assignor to H. B. Barber, Grenada, Miss. Ruggy-top-prop attachment.....	847,951	Mar. 19	4515	990	127	1191
Lake, Herman B., Rapid River, Mich. Nut-lock.....	874,773	Dec. 24	5046	1062	131	2078
Lake Shore Stone Company. (See Ross, Charles D., assignor.).....						
Lake, Simon, Bridgeport, Conn. Optical instrument.....	841,409	Jan. 15	3259	703	126	918
Lake, Simon, Bridgeport, Conn. Storage battery.....	844,815	Feb. 19	4189	892	126	2905
Lake, Simon, Bridgeport, Conn. Propulsion of submarine vessels.....	846,417	Mar. 5	1401	308-9	127	355
Lake, Simon, Bridgeport, Conn. Friction-clutch.....	848,380	Mar. 26	5351	1165-6	127	1435
Lake, Simon, Bridgeport, Conn. Means and apparatus for raising sunken vessels.....	867,983	Oct. 15	1216	336	130	1727
Lake, Simon, Bridgeport, Conn. Dredging apparatus.....	867,984	Oct. 15	1219	336-7	130	1728
Lake, Simon, Berlin, Germany. Friction-clutch.....	848,379	Mar. 26	5349	1164	127	1434
Lake, Simon, Berlin, Germany. Apparatus for driving piles under water.....	863,614	Aug. 20	2388	656	129	2889
Lake, Simon, Berlin, Germany. Apparatus for taking observations from a submarine vessel.....	867,982	Oct. 15	1214	335	130	1726
Lake, Simon, Berlin, Germany. Apparatus for locating submerged objects.....	867,985	Oct. 15	1223	337-8	130	1730
Lake, Simon, Berlin, Germany. Drill.....	873,056	Dec. 10	1585	332	131	1446
Lake Torpedo Boat Company. (See Peacock, Edward L., assignor.).....						
Lallemand, Albertina L. (See Lallemand, Frederick A., assignor.).....						
Lallemand Frederick A., assignor to A. L. Lallemand, Montreal, Quebec, Canada. Shortening composition.....	852,966	May 7	1223		128	311
Lally, John, Waltham, Mass. Column.....	843,218	Feb. 5	782	161	126	1993
Lally, John, Waltham, Mass. Wall structure.....	853,702	May 14	2689	554	128	726
Lally, John, Boston, Mass. Column for fireproof construction.....	869,789	Oct. 29	4067	1122-3	130	2656
Lally, John, Waltham, assignor to United States Column Company, Cambridge, Mass. Column.....	869,869	Oct. 29	4186	1155-6	130	2693
Lalonde, Joseph O., assignor of two-thirds to V. Guertin, Montreal, Quebec, Canada. Manifold counter-sales check-book.....	848,662	Apr. 2	79	18	127	1604
Lalonde, Joseph O., assignor of one-third to V. Guertin, Montreal, Quebec, Canada. Wrench.....	861,524	July 30	4973	1366	129	1762
Laloue, Louis, South Chicago, Ill. Degree-square.....	851,947	Apr. 30	6525	1360	127	3387
Lamareaux, Corwin, assignor to Richards Manufacturing Company, Aurora, Ill. Fire-door-releasing device.....	840,701	Jan. 8	1832	403	126	512
Lamb, Amherst G. assignor to Excelsior Needle Company, Torrington, Conn. Ruffler attachment for sewing-machines.....	875,083	Dec. 31	5698	1188	131	2203
Lamb, Edwin E., assignor of one-half to F. Clafey, Hartford, Conn. Gun-rack.....	846,674	Mar. 12	1937	426	127	523
Lamb, Elden P., assignor to Camden Anchor-Rockland Machine Co., Rockland, Me. Igniter for explosive-engines.....	849,797	Apr. 9	2310	474	127	2212
Lamb, Frank H. (See Morgan, Lewis, assignor.).....						
Lamb, Frank H., Hoquiam, Wash. Wire-stretcher.....	851,529	Apr. 23	5637	1180	127	3130
Lamb, George B., and D. C. Griggs, assignors to Waterbury Farrell Foundry and Machine Company, Waterbury, Conn. Drop-hammer.....	851,677	Apr. 30	5959	1245	127	3240
Lamb, George B., D. C. Griggs, and R. H. Smith, assignors to Waterbury Farrell Foundry and Machine Company, Waterbury, Conn. Thread-rolling machine.....	849,630	Apr. 9	2011	412-13	127	2135
Lamb, Henry J., London, and A. K. Kirkpatrick, Kingston, Ontario, Canada. Drilling or boring machine.....	853,018	May 7	1333	278	128	338
Lamb, Ralph R., Chicago, Ill. Valve.....	858,401	July 2	59	17	129	21
Lamb, Richard, New York, N. Y. Extraction of metals from their ores.....	852,438	May 7	54	11	128	17
Lamb, Richard, Lawrence, Mass. Spark-arrester.....	865,189	Sept. 3	649	184	130	197
Lamb, Robert M., Woodbine, Ga. Pivoted car-step.....	864,848	Sept. 3	136	37	130	43
Lamb, Van Buren, New Haven, Conn., assignor to Keystone Brake Shoe Company, New York, N. Y. Brake.....	841,694	Jan. 22	3812	830	126	1092
Lamb, Van Buren, New Haven, Conn., assignor to Keystone Brake Shoe Company, New York, N. Y. Brake.....	841,695	Jan. 22	3816	830	126	1094
Lamb, Van Buren, New Haven, Conn., assignor to Keystone Brake Shoe Company, New York, N. Y. Brake.....	846,481	Mar. 12	1532	340	127	418
Lamb, Van Buren, New Haven, Conn., assignor to Keystone Brake Shoe Company, New York, N. Y. Brake-shoe mounting.....	848,663	Apr. 2	80	19	127	1605
Lamb, Van Buren, New Haven, Conn., assignor to Keystone Brake Shoe Company, New York, N. Y. Brake.....	850,436	Apr. 16	3500	732	127	2555
Lamb, Van Buren, New Haven, Conn., assignor to Keystone Brake Shoe Company, New York, N. Y. Brake construction.....	856,266	June 11	1588	333	128	2128
Lamb, Van Buren, New Haven, Conn., assignor to Keystone Brake-Shoe Company, New York, N. Y. Braking device.....	860,673	July 23	3633	996	129	1297
Lamb, Walter E., Ransomville, N. Y. System of ventilating subways.....	848,834	Apr. 2	475	93	127	1708
Lamb, Wilbert W., Chicago, Ill. Device for burning vegetation and melting snow and ice.....	851,011	Apr. 23	4606	965	127	2874
Lamb, William F., et al. (See Bynum, Samuel B., assignor.).....						
Lambert Alphonse G. (See Lambert, Charles G. and A. G.).....						
Lambert, Arthur J., and C. H. Land, Bradford, England. Photographic stand.....	872,433	Dec. 3	245	49-50	131	1206
Lambert, Asher. (See Delaney and Lambert.).....						
Lambert, Asher, Newark, N. J. Hoister-drum with hollow shafts.....	843,154	Feb. 5	637	135	126	1957
Lambert, Benjamin F., Anderson, Ind. Peat-drier.....	846,574	Mar. 12	1784	382-3	127	470
Lambert, Charles G. and A. G., Levallois, France. Apparatus for the combined ventilation and moistening of workshops.....	852,068	Apr. 30	6789	1413-14	127	3454
Lambert, Charles O., Bridgeport, assignor, by mesne assignments, to Electric Vehicle Company, Hartford, Conn. Automatic stop for automobiles.....	855,711	June 4	506	105	128	1824
Lambert, Edouard, Paris, France. System of machinery for printing in several colors.....	843,829	Feb. 12	1943	416-17	126	2315
Lambert, Hartwell, Fitzgerald, Ga. Draft attachment for whiffletrees.....	850,377	Apr. 16	3388	708	127	2527
Lambert, Henry M., Portland, Oreg. Street-indicator.....	864,247	Aug. 27	3338	924-5	129	3215
Lambert, Henry M., Portland, Oreg. Car-fender.....	865,258	Sept. 3	752	214	130	228
Lambert, James G., Hadleigh, and B. E. Waddams, Ealing, England. Variable-speed gearing.....	866,488	Sept. 17	2663	744-5	130	896
Lambert, James T., Chandler, Tex. Horse-arrester.....	849,631	Apr. 9	2014	413	127	2136
Lambert, John C., Tonica, Ill. Wagon-tongue support.....	840,635	Jan. 8	1710	376	126	482
Lambert, John W., Anderson, Ind. Automobile transmission-gearing.....	868,673	Oct. 22	2320	643	130	2095
Lambert, Joseph M., Montague, Mass. Automobile sled.....	850,763	Apr. 16	4130	864	127	2714
Lambert, Richard T., Boston, Mass. Game apparatus.....	846,320	Mar. 5	1191	262-3	127	301
Lambert, Robert L., et al. (See Wissler, Jacob, assignor.).....						
Lambert, Stinson. (See Ferguson, Eppy W., assignor.).....						
Lambert, Walter, Sunnyside, Wash. Electric pump.....	853,806	May 14	2895	595-6	128	776
Lambert, Walter R., London, England. Lamp-socket.....	875,357	Dec. 31	6234	1300	131	2290

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Lambert, William. (See Hanvey, William A., assignor.)						
Lambert, William, Latham, Kans. Railway-gate.	842,892	Feb. 5	98	24	126	1815
Lambert, William H., Slocum Junction, British Columbia, Canada. Snap-hook.	850,234	Apr. 16	3117	652	127	2455
Lambole, John L., Fort Wayne, Ind. Printing attachment for paper-roll holders.	873,560	Dec. 10	2574	542	131	1612
Lambotte, Elie D. H., Brussels, Belgium. Mattress.	857,078	June 18	3193	672	128	2576
Lamche, Peter, Ratibor, Germany. Automatic coupling.	850,090	Apr. 9	2826	592	127	2340
Lame, Frank C., New York, N. Y. Number-lantern for automobiles.	873,316	Dec. 10	2097	438	131	1530
Lamkin, Arthur E., Croydon, England. Sparking plug for internal-combustion engines.	870,369	Nov. 5	802	213	131	262
Lamley, Job H., Tacoma, Wash. Thawing-point.	856,786	June 11	2640	543	128	2397
Lamme, Benjamin G., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Phase-adjusting means for alternating-current motors.	839,935	Jan. 1	265	57-9	126	73
Lamme, Benjamin G., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Phase-adjusting apparatus.	839,936	Jan. 1	271	59	126	76
Lamme, Benjamin G., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulating the speed of electric motors.	839,937	Jan. 1	275	59	126	76
Lamme, Benjamin G., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Armature for dynamo-electric machines.	854,897	May 28	5104	1062	128	1404
Lamme, Benjamin G., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Alternating-current motor.	856,477	June 11	2056	423	128	2249
Lamme, Benjamin G., Pittsburg, and C. Renshaw, Wilkensburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Regulating alternating-current motors.	840,001	Jan. 1	394	86	126	107
Lammersen, William, Los Angeles, Cal. Means for making stone-faced brick.	841,788	Jan. 22	4012	867	126	1145
Lamort, Marcel, Paris, France. Means for controlling the pulp-strainer drums of paper-making machines.	850,021	Apr. 9	2693	565	127	2307
Lamoureux, Pierre, Paris, France, assignor to T. W. Stemmler, New York, N. Y. Apparatus for sterilizing and filling vessels.	865,713	Sept. 10	1488	420	130	483
Lamoureux, Pierre, Paris, France, assignor to T. W. Stemmler, New York, N. Y. System for closing receptacles.	869,853	Oct. 29	4157	1148	130	2683
Lamp, Charles F., Durant, Iowa. Animal-trap.	856,889	June 11	2818	587-8	128	2441
Lamp, David J. (See Thomas, Charles H., assignor.)						
Lamp Manufacturing Company. (See Welch, William H. I., assignor.)						
Lamp Pump Syndicate. (See Badcock, Edward B., assignor.)						
Lampe, Henry C., Jr., St. Louis, Mo. Toy savings-bank.	855,406	May 28	6068	1268	128	1646
Lamping, John F., Cincinnati, Ohio. Stop-cock.	853,246	May 14	1770	368	128	482
Lamping, Thomas J., Moline, Ill. Bookcase.	874,015	Dec. 17	3468	739-40	131	1795
Lampkin, Ethelbert P., et al. (See Boyce, Warren E., assignor.)						
Lampkin, Ethelbert P., et al. (See Gatewood, William F., assignor.)						
Lamplough, Frederick, London, England. Antivibration device for vehicles.	846,797	Mar. 12	2170	477	127	582
Lamplough, Frederick, London, England. Internal-combustion engine.	859,501	July 9	1824	491	129	644
Lamplough, Frederick, London, England. Rotary pump, exhaustor, and blower, &c.	862,404	Aug. 6	500	133-4	129	2243
Lamport, Edward J., Cape Town, Cape Colony. Vaginal douche.	851,530	Apr. 23	5638	1180	127	3130
Lamport, Edward J., Cape Town, Cape Colony. Nasal douche.	858,996	July 2	1071	282	129	366
Lamprey, Louise, New York, N. Y. Toy novelty.	854,224	May 21	3786	781	128	1039
Lampro, Stathis. (See Bonis, Paul A., assignor.)						
Lampson, Augustus, Geyersville, and G. F. Warren, Cloverdale, Cal. Harness for orchard and vineyard use.	863,288	Aug. 13	1907	516	129	2708
Lampson, Edward C., Jefferson, Ohio. Lifter attachment for type-setting and typesetting machines.	861,864	July 30	5502	1519	129	1923
Lamson, Charles H., Flston, Mo. Carpet-stretcher.	848,312	Mar. 26	5220	1139	127	1405
Lamson Consolidated Store Service Company. (See Amsden, George A., assignor.)						
Lamson Consolidated Store Service Company. (See Cowley, James T., assignor.)						
Lamson Consolidated Store Service Company. (See Fordyce, Edmond A., assignor.)						
Lamson Consolidated Store Service Company. (See Jennings, Chester S., assignor.)						
Lamson Consolidated Store Service Company. (See Litchfield, Isaac W., assignor.)						
Lamson Consolidated Store Service Company. (See Pearsall, Albert W., assignor.)						
Lamson Consolidated Store Service Company. (See Taisey, Fred R., assignor.)						
Lamson Consolidated Store Service Company. (See Thomas, Edward G., assignor.)						
Lamson Consolidated Store Service Company. (See Wolever, Franklin H., assignor.)						
Lamson, Franklin S., assignor to Cosmos Construction Company, Washington, D. C. Making artificial stone and concrete.	870,370	Nov. 5	802		131	262
Lamson, George W., Chicago, Ill. Plastic-pavement plant.	860,674	July 23	3636	996	129	1298
Lamson, John D. R., Toledo, Ohio. Motor-vehicle.	852,884	May 7	1061	218	128	271
Lamson, John D. R., Toledo, Ohio. Pencil.	853,983	May 21	3283	675	128	911
Lamson, William S., Lowell, Mass., assignor to American Mason Safety Tread Company, Saco, Me. Safety-tread for steps.	875,440	Dec. 31	6395	1333	131	2317
Lamure, Pierre, Bois-Colombes, France. Wheel with elastic spokes.	859,607	July 9	1995	538	129	700
Lamwers, Otto, Paterson, N. J. Shuttle-motion for looms.	847,952	Mar. 19	4516	991	127	1191
Lancaster, Benjamin C., Waxahachie, Tex. Stalk-cutter.	864,656	Aug. 27	3998	1110	129	3421
Lancaster, Benjamin C., Waxahachie, Tex. Cotton-chopper.	864,657	Aug. 27	3999	1110	129	3421
Lancaster, Charles F., Petoskey, Mich. Nut-holding device.	866,793	Sept. 24	3133	883	130	1078
Lancaster, Frank R., South Whitley, Ind. Hand potato-digger.	857,182	June 18	3397	717	128	2627
Lancaster, John D., Lorena, Tex. Planter.	871,941	Nov. 26	3763	916	131	1006
Lancaster, John P., Cincinnati, Ohio. Railway-rail fastening.	864,311	Aug. 27	3432	954	129	3242
Lancaster, Joseph R., East Orange, N. J. Illusion apparatus.	863,407	Aug. 13	2073	559	129	2764
Lancaster, Samuel E., et al. (See Thompson, Guy M., assignor.)						
Lance, Ora L., Chattanooga, Tenn. Automatic railway-switch.	856,787	June 11	2642	543-4	128	2397
Land, Charles H. (See Lambert and Land.)						
Land, James F., Danville, Va. Boiler-tube cleaner.	846,856	Mar. 12	2291	504	127	614
Landay Brothers. (See Rabe and Kamrath, assignors.)						
Landell, Peter W. (See Williams and Landell.)						
Landell, Peter W., assignor of two-thirds to M. N. Callender and J. B. Williams, San Francisco, Cal. Automatic flush-valve.	868,606	Oct. 15	2204	614	130	2032
Landell, Peter W., and J. B. Williams, assignors of one-third to M. N. Callender, San Francisco, Cal. Flushing apparatus.	866,368	Sept. 17	2508	699-700	130	847
Landenberger, Charles H., Philadelphia, Pa. Warp-printing machine.	864,312	Aug. 27	3432	954-5	129	3243
Lander, George W. (See Torpey and Lander.)						
Lander, Wintworth V., Newton, Mass. Ore chlorination.	841,328	Jan. 15	3100	670	126	877
Lander, Wintworth V., Newton, Mass. Chlorinating apparatus.	841,329	Jan. 15	3102	671	126	878
Lander, Wintworth V., Newton, Mass. Ore-cyaniding.	841,330	Jan. 15	3105	671	126	878
Lander, Wintworth V., Newton, Mass. Cyaniding apparatus.	841,331	Jan. 15	3106	671	126	879
Landers, Burrell T., Cherryvale, Kans. Handle.	842,790	Jan. 29	6146	1297	126	1711
Landers, Frary and Clark. (See Smith, William H., assignor.)						
Landers, Frary and Clark. (See Walker, George, assignor.)						
Landers, Frary and Clark. (See Warner, Alonzo A., assignor.)						
Landes, Isaiah C. (See Landes, Milton C. and I. C.)						
Landes, Joseph C., Collegeville, Pa. Automatic gas-controller.	858,878	July 2	890	232	129	306

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Landes, Joseph C., Collegeville, Pa. Automatic gas-controller.	870,891	Nov. 12	1620	444	131	556
Landes, Milton C. and I. C., Yerkas, Pa. Flour-bolting machine.	864,174	Aug. 27	3225	893	129	3178
Landes, Solomon, Canton, Ohio. Cement fence-post.	846,798	Mar. 12	2171	477	127	583
Landes, William, Anadarko, Okla. Ter. Hydrocarbon-burner.	863,854	Aug. 20	2744	755	129	3004
Landlair, John M. (See Miller and Landlair.)						
Landfear, William R., New York, N. Y., assignor to R. H. Wright, Durham, N. C. Packing and labeling machine.	868,191	Oct. 15	1510	423-30	130	1817
Landis, Abraham B., Waynesboro, Pa. Eccentric work-holder for grinding-machines.	855,320	May 28	5921	1235-6	128	1809
Landis, Abraham B., Waynesboro, Pa. Grinding-machine.	861,738	July 30	5301	1461	129	1861
Landis, Abraham B., Waynesboro, Pa. Grinding-machine.	861,739	July 30	5302	1462	129	1862
Landis, Ezra F., La Salle, N. Y. Abrading material.	847,190	Mar. 12	2932	645	127	769
Landis, Frank F., Waynesboro, Pa. Separating-grate for threshing-machines.	870,731	Nov. 12	1363	372	131	478
Landis, George C., Connellsville, Pa. Coke-drawer.	861,292	July 30	4612	1259-60	129	1650
Landis, George C., Connellsville, Pa. Coke-oven.	864,099	Aug. 20	3103	858	129	3113
Landis, Gilbert C., Carlisle, Pa., assignor to American Phosphorous Company, Camden, N. J. Electric melting or reducing furnace.	842,099	Jan. 22	4613	990	126	1288
Landis, Gilbert C., York, Pa., assignor to American Phosphorus Company, Camden, N. J. Making phosphorus.	859,086	July 2	1193		129	404
Landis, Harry, and J. W. Jackson, Richmond, Ind. Stove-leg and means for attaching casters thereto.	861,293	July 30	4613	1260	129	1651
Landis, Harvey A. (See Hosack, Thomas T., assignor.)						
Landis Machine Company. (See Pedersen, Christian, assignor.)						
Landon, Asa A., Millidgeville, Ill. Nose-ring.	874,088	Dec. 17	3684	775	131	1820
Landon, Jed N., Hartland, Vt. Reel.	872,826	Dec. 3	1064	223	131	1335
Landon, Jesse G., Findlay, Ohio. Grave-vault.	861,470	July 30	4905	1346	129	1740
Landon, John E., Syracuse, N. Y. Glove.	872,354	Dec. 3	77	14	131	1180
Landrigan, John M., et al. (See Neubauer, Carl E., assignor.)						
Landrock, Harmon W., Canal Fulton, Ohio. Car-wheel oil-chamber cover.	863,800	Aug. 20	2663	735	129	2079
Landrum, Dionysus, et al. (See Fancher, Christopher, assignor.)						
Landry, Alcée, Mark, La. Grapple.	856,708	June 11	2498	513	128	2360
Landry, Joseph E., New Bedford, Mass. Combined brake and steering-knuckle.	875,358	Dec. 31	6235	1301	131	2290
Landry, Joseph H., Appleton, Wis. Core for concrete walls.	853,640	May 14	2562	531	128	690
Landry, Moise, Merced, Cal. Electric heater.	873,317	Dec. 10	2099	438	131	1531
Landry, Wilfred, New Orleans, La. Refrigerator.	865,403	Sept. 10	998	286	130	332
Landsberger, Julius A., Alameda, and W. C. Buhles, San Francisco, Cal., assignors to Hermetic Closure Co., Chicago, Ill. Vacuum sealing apparatus.	842,320	Jan. 29	5105	1086	126	1447
Landsee, Gustav A. (See Jaeger and Landsee.)						
Landsiedel, John, Peoria, Ill. Hydrocarbon-lamp.	869,440	Oct. 29	3515	966	130	2490
Landt, William G., Chicago, Ill. Watch-checking device.	845,423	Feb. 26	5376	1141	126	3242
Landvatter, Otto H. (See Moreland and Landvatter.)						
Landwher, A. H., et al. (See Kolla, John P., assignor.)						
Lane, A. M., et al. (See Griffin, Martin, assignor.)						
Lane, Edwin H., Kansas City, Mo. Pie-pan.	852,566	May 7	395	72	128	104
Lane, Enoch J., assignor of one-half to W. R. Gilmore, Williams, Cal. Device for transmitting power.	845,466	Feb. 26	5475	1160	126	3267
Lane, Frank J., Hannibal, Mo. Joint for telescopic oiling devices.	861,993	July 30	5691	1579	129	1982
Lane, George. (See Lane, William J. and G.)						
Lane, George, Poughkeepsie, N. Y., assignor to Lane Motor Vehicle Co. Cross-head.	848,754	Apr. 2	263	53	127	1653
Lane, George M., Lanoka, N. J. Pole.	859,233	July 9	1421	377	129	513
Lane, George M., Lanoka, assignor of two-thirds to O. F. Lane and D. S. Holmes, Forked River, N. J. Electric-arc lamp.	869,914	Nov. 5	56	17	131	19
Lane, George W., St. Louis, Mo. Air-ship.	871,710	Nov. 19	3242	803	131	899
Lane, Ira G., New York, N. Y. Pipe-hanger.	875,533	Dec. 31	6567	1372	131	2346
Lane, John D., Etherly, Ill. Cab-window.	869,972	Nov. 5	140	38	131	46
Lane, John J., St. Louis, Mo. Ice-cream refrigerator.	861,525	July 30	4974	1367	129	1762
Lane, John T., Kansas City, Mo. Combined trousers-button and drawers-supporter.	846,321	Mar. 5	1192	263	127	302
Lane Manufacturing Company. (See Cudaback, Edgar L., assignor.)						
Lane Motor Vehicle Co. (See Lane, George, assignor.)						
Lane, Orian F., et al. (See Lane, George M., assignor.)						
Lane, Robert S. G., assignor of one-half to R. J. H. and E. L. Titcombe, Detroit, Mich. Pressed-steel axle.	840,945	Jan. 8	2324	511	126	633
Lane, W. Britton, Evanston, Ill. Signal apparatus.	840,135	Jan. 1	709	152	126	193
Lane, William J. and G., Poughkeepsie, N. Y. Boiler.	850,590	Apr. 16	3790	791	127	2630
Lanc, William T., Fostoria, Ohio. Guard or fender for cars.	841,651	Jan. 15	3715	808	126	1034
Lang, Adolph, assignor of two-thirds to H. F. Smith and C. H. Zink, Philadelphia, Pa. Water-motor.	856,709	June 11	2500	513-15	128	2360
Lang, Albert, Karlsruhe, Germany. Heating-cartridge.	847,668	Mar. 19	3927	857	127	1052
Lang, C. C. (See Duensing, A'Quilla, assignor.)						
Lang, Edward M., Jr. (See Lovejoy, Marcellus C., assignor.)						
Lang, Edward M., Jr., Portland, Me. Solder-hemmed cap.	867,383	Oct. 1	242	69	130	1387
Lang, Edward M., Jr., Portland, Me. Manufactured solder.	867,384	Oct. 1	243	69	130	1388
Lang, Edward P., and C. J. Kalbe, Chicago, Ill. Stool.	873,249	Dec. 10	1947	407-8	131	1507
Lang, Frank A., borough of Queens, N. Y. Door.	841,696	Jan. 22	3819	831	126	1095
Lang, Frank A., New York, N. Y. Door.	867,888	Oct. 8	1013	289	130	1642
Lang, George A., Omaha, Nebr. Pool and billiard table cushion-rail.	854,225	May 21	3788	781	128	1039
Lang, George H., Boston, Mass. Numbering or marking machine.	864,790	Sept. 3	40	12-13	130	15
Lang, George H., Boston, Mass. Stop-motion.	864,849	Sept. 3	137	38	130	43
Lang, James S., Boston, Mass. Starting means for incandescent igniters.	860,038	July 16	2664	724	129	947
Lang, James S., Boston, Mass. Removing snow.	863,855	Aug. 20	2745		129	3005
Lang, James S., Boston, Mass. Removing snow or ice.	863,856	Aug. 20	2746		129	3005
Lang, Samuel R., Indian Orchard, Mass. Card holding or exhibiting device.	868,998	Oct. 22	2826	778	130	2251
Lange, August, Scribner, Nebr. Draft-equalizer.	872,240	Nov. 26	4413	1049	131	1106
Lange, Carl J. F., Berlin, Germany. Writing apparatus.	864,850	Sept. 3	139	38	130	44
Länge, Diego, La Crosse, Wis. Match scratch and receptacle.	874,347	Dec. 17	4188	882	131	1905
Lange, Henry J., Lorain, Ohio. Heater.	843,088	Feb. 5	511	107	126	1924
Lange, Leopold, Chicago, Ill. Barrel-cleaner.	869,915	Nov. 5	57	17	131	19
Lange, Otto, Camden, N. J. Drill-grinder.	864,546	Aug. 27	3829	1061	129	3370
Lange, Otto, Camden, N. J. Expansible reamer.	865,784	Sept. 10	1600	453	130	519
Lange, Richard, Glashütte, Germany. Mechanism for regulating watches.	845,422	Feb. 26	5375	1140	126	3242
Langan, John. (See Marshall, John, assignor.)						
Langdon, Charles N., and O. E. Carlson, assignors to H. Ash, Chicago, Ill. Chute.	869,495	Oct. 29	3603	988-9	130	2517
Langen, Friedrich A., Cologne-Riehl, Germany. Apparatus for exactly printing or impressing type.	849,142	Apr. 2	1081	216	127	1865
Langen, Friedrich A., Cologne-Riehl, Germany. Device for moistening color-ribbons.	849,143	Apr. 2	1082	216	127	1866
Langenhop, Herman P., New York, N. Y. Heater.	855,955	June 4	986	205-6	128	1943

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Larkin, Thomas J. (See Johnson and Larkin.)						
Larkin, William H., Butler, and J. D. Brooder, Kane, Pa. Oil-well packer.....	859,304	July 9	1526	408	129	547
Larkins, Michael, South Bethlehem, Pa. Arch-clamp.....	869,497	Oct. 29	3606	989	130	2318
Larmoyeux, P. J. D., <i>et al.</i> (See Groves, Clarence L., assignor.)						
Larocque, Charles, Olga, N. D. Railway-switch.....	841,876	Jan. 22	4198	905	126	1192
Larsen, Anders, Odense, Denmark, assignor to J. P. Larson, Baldwin, Wis. Coaster-brake.....	856,532	June 11	2152	443	128	2271
Larsen, Andriü, Chicago, Ill. Hoof-pad.....	855,188	May 28	5693	1185	128	1550
Larsen, Anton, Racine, Wis. Bit-brace.....	863,927	Aug. 20	2854	785	129	3038
Larsen, Christian, Chicago, Ill. Plumb-level.....	852,512	May 7	269	49	128	74
Larsen, Edward A., San Francisco, Cal. Game apparatus.....	845,038	Feb. 19	4600	979	126	3009
Larsen, George, San Leandro, Cal. Oil-burner.....	855,857	June 4	810	169	128	1899
Larsen, Ingeborg D., Chicago, Ill. Knee-protector.....	858,296	June 25	5578	1192	128	3208
Larsen, James L., <i>et al.</i> (See Hinck, Jess F., assignor.)						
Larsen, James L. (See Hinck and Larsen.)						
Larsen, Laurits, San Francisco, Cal. Drill-chuck.....	847,790	Mar. 19	4162	908	127	1107
Larsen, Lewis. (See Wolfenden, Knutson, and Larsen.)						
Larsen, Oluf W., <i>et al.</i> (See Hinck, Jess F., assignor.)						
Larsen, Oluf W. (See Hinck and Larsen, assignors.)						
Larson, Alfred, Rockford, Ill. Leather-trimmer.....	850,591	Apr. 16	3794	792	127	2631
Larson, Andrew, Ottawa, Kans. Eraser-cleaner.....	856,643	June 11	2379	489	128	2331
Larson, Axel, Princeton, Ill. Corn-shock-tying device.....	863,289	Aug. 13	1908	516	129	2709
Larson, Carl W. Schenectady, N. Y., assignor to General Electric Company. Brake system.....	840,136	Jan. 1	712	152-3	126	194
Larson, Gustav, assignor to Los Angeles Pressed Brick Company, Los Angeles, Cal. Kiln	841,789	Jan. 22	4013	867-8	126	1145
Larson, James P. (See Larsen, Anders, assignor.)						
Larson, Ole L., Minneapolis, Minn. Smut-machine.....	850,378	Apr. 16	3390	708-9	127	2527
Larson, Olof, Portland, Oreg. Tail-stock for wood-turning lathes.....	855,858	June 4	811	169	128	1899
Larson, Peter E., Iola, Wis. Machine for removing insects from plants.....	862,743	Aug. 6	1068	287-8	129	2410
Larson, Peter S., and R. C. Duea, Sharon, N. D. Grain-door for box-cars.....	867,058	Sept. 24	3539	1003	130	1203
Larson, William, Astoria, Oreg. Seining-machine.....	846,575	Mar. 12	1736	383	127	470
Larsson, Alfred. (See Weman and Larsson.)						
Larsson, Alfred, Buffalo, N. Y. Telephone-transmitter.....	840,069	Jan. 1	558	122	126	148
Larsson, Alfred, Buffalo, N. Y. Telephone switch-hook.....	851,761	Apr. 30	6124	1288	127	3283
Larsson, Alfred, Buffalo, N. Y. Bracket.....	859,454	July 9	1755	469	129	622
Larsson, Alfred, Buffalo, N. Y. Electric signaling device.....	864,971	Sept. 3	333	89	130	166
Larsson, Lars, Chicago, Ill. Device for arresting the explosion discharge from blast-furnaces.....	868,102	Oct. 15	1398	391	130	1783
Larzelere, Charles B., Schenectady, N. Y., assignor to General Electric Company. Motor control.....	863,188	Aug. 13	1757	471-2	129	2664
Larzelere, Robert G., Wathena, Kans. Wire-stretcher.....	873,562	Dec. 10	2578	543	131	1613
Lasche, Eugene E., <i>et al.</i> (See McCann, Lee, assignor.)						
Lasche, Oskar, Berlin, Germany, assignor to General Electric Company. Fluid-pressure thrust-bearing.....	846,927	Mar. 12	2442	535	127	650
Lash, Horace W. (See Cromwell and Lash.)						
Lash, Horace W., Cleveland, Ohio. Reducing iron oxides.....	856,351	June 11	1812	.....	128	2189
Lash, Horace W., Cleveland, Ohio. Reducing iron oxides.....	860,922	July 23	4015	.....	129	1421
Lash, Horace W., Cleveland, Ohio. Charge mixture for iron-smelting.....	862,978	Aug. 13	1415	.....	129	2554
Lash, Horace W., Cleveland, Ohio. Material for use in refining iron and preparing the same.....	864,972	Sept. 3	335	.....	130	107
Lash, Levi, Garretson, S. D., assignor of one-half to J. P. Petersen, Russell, Minn. Hulling-machine.....	870,298	Nov. 5	668	179	131	219
Lashar, Thomas B., assignor to International Silver Company, Bridgeport, Conn. Ju-lep-strainer.....	850,379	Apr. 16	3392	709	127	2520
Laska, August L., Offenbach-on-the-Main, assignor to Chemische Fabrik Griesheim-Elektron, Frankfurt-on-the-Main, Germany. Green sulfur dye.....	843,156	Feb. 5	644	.....	126	1958
Laska, August L., Offenbach-on-the-Main, assignor to Chemische Fabrik Griesheim-Elektron, Frankfurt-on-the-Main, Germany. Yellow wool-dye.....	849,690	Apr. 9	2111	.....	127	2160
Laska, August L., Offenbach-on-the-Main, assignor to Chemische Fabrik Griesheim-Elektron, Frankfurt-on-the-Main, Germany. Yellow monoazo dye and making same.....	849,739	Apr. 9	2193	.....	127	2180
Laska, August L., Offenbach-on-the-Main, assignor to Chemische Fabrik Griesheim-Elektron, Frankfurt-on-the-Main, Germany. Blue cotton dye and making same.....	860,220	July 16	2931	.....	129	1031
Laska, August L., Offenbach-on-the-Main, assignor to Chemische Fabrik Griesheim-Elektron, Frankfurt-on-the-Main, Germany. Blue disazo dye and making same.....	860,221	July 16	2932	.....	129	1031
Laska, August L., Offenbach-on-the-Main, assignor to Chemische Fabrik Griesheim-Elektron, Frankfurt-on-the-Main, Germany. Black mordant azo dye.....	863,290	Aug. 13	1909	.....	129	2709
Laska, August L., and G. List, Offenbach-on-the-Main, assignors to Chemische Fabrik Griesheim Elektron, Frankfurt-on-the-Main, Germany. Blue sulfur dye and making same.....	841,877	Jan. 22	4200	.....	126	1192
Laska, Mathias, New Orleans, La. Mail-crane.....	843,467	Feb. 5	1235	259	126	2102
Laskay, Clarence W., New York, N. Y. Electrically-operated self-leveling marine table.....	868,874	Oct. 22	2625	726	130	2186
Lasko, Stephen, <i>et al.</i> (See Kerekes, Daniel, assignor.)						
Lasley, Percy H., Cleveland, Ohio. Ratchet-wrench.....	863,408	Aug. 13	2074	559	129	2765
Lassen, Hermann R., Hamburg, Germany. Burglar-alarm.....	870,732	Nov. 12	1364	373	131	479
Lässoe, Waldemar F., New York, N. Y., and L. D. Lovekin, Philadelphia, Pa. Oil-burner.....	861,662	July 30	5187	1424-5	129	1830
Latcher, John W., Edinburg, N. Y. Car-wheel and attaching same to axles.....	868,875	Oct. 22	2628	727	130	2187
Latchford, William J., Chicago, Ill. Green-corn-husking machine.....	863,857	Aug. 20	2747	755-6	129	3005
Latham, Charles H., Bradford, Pa. Molding apparatus.....	873,760	Dec. 17	2970	630	131	1712
Latham, Chester A., Wichita, Kans. Axle-box for vehicles.....	861,371	July 30	4746	1296	129	1693
Latham Machinery Company. (See Dahly, John, assignor.)						
Lathan, Arthur B., Albia, Iowa. Traction-engine brake.....	849,000	Apr. 2	773	158	127	1784
Lathrop, Frederick H., assignor of one-half to J. J. McCarthy, Chicago, Ill. Rotary engine.....	874,775	Dec. 24	5048	1063-4	131	2078
Latimer, Edward F. (See Oviatt, Latimer, and Grunow.)						
Latimer, Frank, assignor of one-half to Taylor Iron & Steel Company, High Bridge, N. J. Car-wheel.....	854,828	May 28	4941	1027	128	1360
Latimer, J. Allen. (See McDowell, George, assignor.)						
Latimer, James B., assignor to A. D. Cloud, F. M. Patterson, and F. W. Rizer, Chicago, Ill. Switch-point lock.....	874,686	Dec. 24	4875	1025	131	2049
Latimer, James F., Toronto, Ontario, Canada. Apparatus for separating minerals.....	851,599	Apr. 23	5788	1210	127	3169
Latimer, James F., Toronto, Ontario, Canada. Separating minerals.....	851,600	Apr. 23	5791	1210	127	3169
Latimer, John W., Chicago, Ill., assignor to International Harvester Company. Mowing-machine.....	856,269	June 11	1596	334	128	2131
Latimer, Julian L., Washington, D. C. Instrument for measuring and correcting errors of gun-fire.....	858,297	June 25	5579	1192	128	3208

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Latour, Marius, Sèvres, France, assignor to General Electric Company. Self-exciting alternating-current dynamo.....	869,185	Oct. 22	3093	852	130	2333
Latour, Marius C. A., Paris, France, assignor to General Electric Company. Control of alternating-current motors.....	841,257	Jan. 15	2951	641	126	838
Latour, Marius C. A., Paris, France, assignor to General Electric Company. Dynamo-electric machine.....	841,543	Jan. 15	3501	756	126	981
Latour, Marius C. A., Paris, France, assignor to General Electric Company. Alternating-current motor.....	841,544	Jan. 15	3503	756	126	982
Latour, Marius C. A., Paris, France, assignor to General Electric Company. Dynamo-electric machine.....	841,545	Jan. 15	3505	757	126	983
Latour, Marius C. A., Paris, France, assignor to General Electric Company. Dynamo-electric machine.....	842,963	Feb. 5	240	53	126	1849
Latour, Marius C. A., Paris, France, assignor to General Electric Company. Alternating-current motor.....	855,010	May 28	5313	1104	128	1456
Latour, Marius C. A., Paris, France, assignor to General Electric Company. Alternating-current machine.....	860,981	July 23	4122	1129	129	1455
Latour, Marius C. A., Sèvres, France, assignor to General Electric Company. Shunt-wound self-excited alternator.....	869,186	Oct. 22	3095	852-3	130	2334
Latour, Marius C. A., Sèvres, France, assignor to General Electric Company. Compounded self-excited alternator.....	869,187	Oct. 22	3098	853	130	2334
Latrobe Steel and Coupler Company. (See Warner, Edward O., assignor.)						
Latsch, Charles, assignor to Fouilloux Ballon Passoire Company, Cleveland, Ohio. Soup-straining apparatus.....	856,963	June 11	2957	620	128	2474
Latshaw, William H., <i>et al.</i> (See Kaplan, Joseph A., assignor.)						
Latshaw, William H., Pittsburg, Pa. Forming sectional pulleys.....	861,663	July 30	5189	1425	129	1830
Latta, Emmitt G., <i>et al.</i> (See Kavie, Oscar C., assignor.)						
Latta, Emmitt G. (See Waldron, Howard V. D., assignor.)						
Latta, Emmitt G., Friendship, assignor of one-half to H. A. Moyer, Syracuse, N. Y. Ribbon mechanism for type-writing machines.....	843,830	Feb. 12	1947	417-18	126	2316
Latta, Emmitt G., Friendship, assignor of one-half to H. A. Moyer, Syracuse, N. Y. Type-writing machine.....	843,831	Feb. 12	1955	418-19	126	2318
Latta, Emmitt G., Friendship, assignor of one-half to H. A. Moyer, Syracuse, N. Y. Type-writing machine.....	847,343	Mar. 19	3239	714	127	874
Latta, Emmitt G., Friendship, assignor of one-half to H. A. Moyer, Syracuse, N. Y. Type-writing machine.....	847,990	Mar. 19	4596	1008-9	127	1209
Latta, Emmitt G., assignor of one-half to H. A. Moyer, Syracuse, N. Y. Type-writing machine.....	847,415	Mar. 19	3396	743-4	127	915
Latta, Emmitt G., Friendship, N. Y., assignor of one-half to H. V. D. Waldron, New Brunswick, N. J. Shoe tree and holder.....	869,498	Oct. 29	3606	989-90	130	2518
Latta, Joshua W., Melvern, Kans. Railway signal apparatus.....	842,675	Jan. 29	5905	1244	126	1654
Latta, William J. (See Kitsee, Isidor, assignor.)						
Lattig, Jacob W., and C. L. Goodrum, Philadelphia, Pa. Telephone system.....	851,948	Apr. 30	6526	1360	127	3388
Lattig, Jacob W., Wyncote, and C. L. Goodrum, Philadelphia, Pa. Multiplex telephony.....	845,796	Mar. 5	118	22	127	34
Lattig, Jacob W., Wyncote, and C. L. Goodrum, Philadelphia, Pa. Electrical winding.....	846,114	Mar. 5	812	170	127	207
Lattig, Jacob W., West Bethlehem, and C. L. Goodrum, Philadelphia, Pa., assignors, by mesne assignments, to Dean Electric Company, Elyria, Ohio. Two-wire multiple-telephone system.....	859,774	July 9	2441	610	129	780
Lattig, Jacob W., Wyncote, and C. L. Goodrum, Philadelphia, Pa., assignors, by mesne assignments, to Dean Electric Company, Elyria, Ohio. Telephone toll-station apparatus.....	859,775	July 9	2244	610-11	129	780
Lattin, Marshall, Lockwood, Ohio. Swinging stanchion for cattle.....	852,439	May 7	57	11	128	18
Latting, Richard G., Jr., assignor of one-half to R. K. Wootten, Chickasha, Ind. Ter. Machine for treating cotton-seed hulls.....	844,371	Feb. 19	3034	648	126	2625
Latty, Henry T. (See Latty, Samuel D. and H. T.)						
Latty, Samuel D., Cleveland, Ohio. Double-lock hub.....	870,565	Nov. 12	1090	298	131	385
Latty, Samuel D. and H. T., Cleveland, Ohio. Juvenile hand-car.....	857,945	June 25	4882	1032	128	3030
Latty, Samuel D. and H. T., Cleveland, Ohio. Frame for pedaled vehicles.....	858,661	July 2	529	136	129	183
Latty, Samuel D. and H. T., Cleveland, Ohio. Vehicle.....	859,951	July 16	2519	684	129	897
Latzlperger, T. (See Glasel, Charles J., assignor.)						
Laub, George M., assignor to May Manton Pattern Company, New York, N. Y. Paper pattern.....	852,332	Apr. 30	7262	1527	127	3571
Laubach, Margaret F., Philadelphia, Pa. Hat-fastener.....	873,057	Dec. 10	1588	332	131	1447
Laube, Godfried, Santa Monica, assignor of one-half to J. C. Miller, Los Angeles, Cal. Door-holder.....	852,513	May 7	270	50	128	74
Laube, Godfried, Santa Monica, assignor of one-half to J. C. Miller, Los Angeles, Cal. Umbrella-stand.....	852,567	May 7	396	72	128	105
Laube, Godfried, assignor to M. D. Feather and H. R. Laube, Santa Monica, Cal. Combined pen and pencil holder.....	852,514	May 7	271	50	128	74
Laube, Godfried and G. C. G., Santa Monica, assignors of one-half to J. C. Miller and L. H. Newman, Los Angeles, Cal. Bread-board.....	861,865	July 30	5505	1519	129	1924
Laube, Grover C. G. (See Laube, Godfried and G. C. G.)						
Laube, Hattie R., <i>et al.</i> (See Laube, Godfried, assignor.)						
Laubenheimer, George E., Chicago, Ill. Hop-jack.....	860,390	July 16	3186	871	129	1117
Lauber, Josef, Vienna, Austria-Hungary. Magazine-gun.....	846,576	Mar. 12	1737	384	127	471
Lauber, Josef, Vienna, Austria-Hungary. Magazine-rifle.....	855,896	June 4	879	182	128	1915
Lauber, Otto, and F. Stock, assignors to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Portable gun.....	860,490	July 16	3331	912	129	1166
Lauber, Otto, and H. Kanonenberg, assignors to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Elevating mechanism for guns.....	864,175	Aug. 27	3227	894	129	3179
Lauber, Otto, and N. Koch, assignors to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Fluid-brake for recoil-guns.....	864,658	Aug. 27	4000	1110	129	3241
Lauber, William, assignor of six-sevenths to L. Reimer, J. Hrdlicka, W. Arndt, H. Patzke, E. Wangerin, and C. Borchert, Milwaukee, Wis. Rotary engine.....	871,125	Nov. 19	2023	550	131	707
Laubscher, Alexander, assignor to Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Ruffling mechanism for sewing-machines.....	841,546	Jan. 15	3508	757-8	126	983
Laubscher, Alexander, Bridgeport, Conn., assignor, by mesne assignments, to Singer Manufacturing Company. Sewing-machine for circular hemming.....	856,166	June 4	1380	290-1	128	2041
Laubscher, Alexander, Bridgeport, Conn., assignor, by mesne assignments, to Singer Manufacturing Company. Tuck-folder for sewing-machines.....	859,952	July 16	2521	684	129	898
Laubscher, Alexander, Bridgeport, Conn., assignor, by mesne assignments, to Singer Manufacturing Company. Guide for sewing-machine edge-folders.....	859,953	July 16	2522	685	129	898
Laudenbach, Jean H., Paris, France. Keyboard for type-writing machines and pianofortes.....	848,471	Mar. 26	5518	1202	127	1478
Lauderbaugh, William E., Utica, assignor of two-thirds to H. B. Walker, Mount Vernon, Ohio, and L. C. Sands, Pittsburg, Pa. Shaft-key.....	861,992	July 30	5690	1579	129	1981
Lauderdale, Chapin F., Milwaukee, Wis. Tooth-crown model.....	853,984	May 21	3285	676	128	912

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Laudgraff, Frank M., <i>et al.</i> (See McKenzie, William C., assignor.)						
Lauer, Frank E. (See Dove-Smith and Lauer.)						
Lauer, Martin W., Wilmette, Ill. Reinforced partition.....	849,144	Apr. 2	1083	216	127	1866
Lauferty, David E., Fort Wayne, Ind. Glove.....	872,137	Nov. 26	4202	1004	131	1072
Laughlin, Alexander. (See Crockard, Frank H., assignor.)						
Laughlin, Alexander. (See Reuleaux, Josef, assignor.)						
Laughlin, Henry D. (See Perry, Hubert M., assignor.)						
Laughlin, Henry D., Chicago, Ill. Side bearing for cars.....	846,577	Mar. 12	1739	384-5	127	471
Laughlin, Henry D., Chicago, Ill. Side bearing for cars.....	846,578	Mar. 12	1741	385-6	127	472
Laughlin, Homer, Jr. (See Schuyler and Laughlin.)						
Laughlin, Homer, Jr., Los Angeles, Cal., and D. Schuyler, Bridgeport, Conn., assignors to Perfect Sliding Door Company, Los Angeles, Cal. Track-rail.....	856,592	June 11	2273	468	128	2304
Laughlin, Howard E., Cleveland, Ohio. Wire fabric.....	844,681	Feb. 19	3907	826	126	2832
Laughlin, Howard E., Cleveland, Ohio. Bed-bottom fabric.....	844,682	Feb. 19	3908	826	126	2832
Laughlin, William W., Luxor, Pa. Nut-lock.....	856,710	June 11	2508	515	128	2363
Laughray, George F. (See Laughray, Robert E. and G. F.)						
Laughray, Robert E. and G. F., Bay City, Mich. Brickmaking-machine.....	862,259	Aug. 6	249	71-2	129	2159
Laughterback, William Z., assignor of one-fourth to J. D. Cook, South Omaha, Nebr. Excavating and filling mechanism.....	869,855	Oct. 29	4159	1148-9	130	2684
Laukka, Henry, assignor to O. A. Poirier, Virginia, Minn. Miner's candlestick.....	859,672	July 9	2097	566	129	733
Lauppe, Edward, Antelope, Cal. Loading attachment for wagons.....	871,601	Nov. 19	3062	759-60	131	866
Laurence, Joseph S. C., Oakland, Cal. Vibrator.....	849,844	Apr. 9	2412	492	127	2238
Laurent, Alexandre G., St. Petersburg, Russia. Hand fire-extinguishing apparatus.....	858,188	June 25	5393	1149	128	3160
Laurent, Andrew J., Indiana, Pa. Gate.....	865,404	Sept. 10	999	286	130	332
Laurent, John W., Spokane, Wash. Current-motor.....	841,547	Jan. 15	3512	758-9	126	984
Laurent, Louis E., Trenton, N. J. Dumb-waiter and elevator.....	851,175	Apr. 23	4926	1036-7	127	2954
Laurick, Carl, Berlin, Germany. Mixing and kneading machine.....	843,468	Feb. 5	1240	259-60	126	2103
Lauritzen, Christian M. (See Cook, Walter M., assignor.)						
Lauritzen, Christian M., Chicago, Ill. Separator.....	863,189	Aug. 13	1758	472-3	129	2664
Lause, Nicholas T., J. C. Collett, M. O. Kepler, and L. Gruber, assignors to Schopps Special Bag Co., Dayton, Ohio. Eyeletting-machine.....	867,516	Oct. 1	435	123-4	130	1450
Lausterer, William J., Jamestown, assignor to U. S. Standard Voting Machine Company, Rochester, N. Y. Voting-machine.....	847,416	Mar. 19	3402	744-5	127	916
Lausterer, William J., Jamestown, assignor to U. S. Standard Voting Machine Company, Rochester, N. Y. Voting-machine.....	849,001	Apr. 2	774	158	127	1785
Lausterer, William J., Jamestown, assignor to U. S. Standard Voting Machine Company, Rochester, N. Y. Key-locking mechanism for voting-machines.....	857,811	June 25	4620	979	128	2966
Lautenschlager, Wilhelm, Pinerolo, near Turin, Italy. Apparatus for trucks of railway-carriages.....	841,697	Jan. 22	3824	831	126	1096
Lautenschlager, William F., Cincinnati, Ohio. Punching-machine.....	843,899	Feb. 12	2084	447-8	126	2349
Lautenschlager, William F., Cincinnati, Ohio. Motor-drive.....	853,703	May 14	2691	554-5	128	726
Lauterbach, Max, Sedalia, Mo. Harness-saddle.....	860,812	July 23	3841	1053	129	1364
Lauth, Jacob, Chicago, Ill. Wheel.....	866,287	Sept. 17	2379	662	130	805
Lauth, John C., Rochester, N. Y., assignor to A. Y. McDonald & Morrison Mfg. Company, Dubuque, Iowa. Antisiphon-trap.....	870,733	Nov. 12	1365	373	131	479
Laux, Isaac R. (See Weaver and Laux.)						
Launon, Honore. (See Foster and Launon.)						
Laval, Carl G. P. de, Stockholm, Sweden, assignor to Société Anonyme Métallurgique Procédés de Laval, Frankfort-on-the-Main, Germany. Reducing zinc ores.....	852,440	May 7	59	12	128	18
Lavallée, Olivier, Boston, Mass. Lens-grinding machine.....	842,676	Jan. 29	5910	1244-5	126	1655
Lavelle, John, Uniontown, W. Va. Pressure-regulating system.....	845,424	Feb. 26	5377	1141	126	3243
Lavenberg, Perry C. (See Inwood and Lavenberg.) (Reissue.)						
Lavender, George A., Oakland, Cal. Shade-hanger.....	872,946	Dec. 3	1313	278	131	1473
Laver, Mary R. (See Baylor and Laver.)						
Laverance, John W., Des Moines, Iowa. Shock-loader.....	875,535	Dec. 31	6569	1372	131	2347
Laverty, Arthur F., administrator. (See Laverty, Charles E.)						
Laverty, Charles E., deceased, Pittsburg, Pa.; A. F. Laverty, administrator. Pickling-bath.....	856,644	June 11	2380	.....	128	2331
Lavier, Thomas H., Dallas, Tex. Wrench.....	849,248	Apr. 2	1267	257	127	1912
Lavigne, Joseph P., assignor to Lavigne Manufacturing Company, Detroit, Mich. Pump.....	857,004	June 11	3041	640	128	2496
Lavigne, Joseph P., assignor to Detroit Lubricator Company, Detroit, Mich. Quick-opening valve.....	860,141	July 16	2810	767	129	995
Lavigne Manufacturing Company. (See Lavigne, Joseph P., assignor.)						
Lavoie, Alphonse J. (See McCabe and Lavoie.)						
Lavoie, Joseph P., Kibbey, Mont. Steel fence-post.....	870,443	Nov. 5	908	246	131	297
Lavy, Martin W., New York, N. Y. Corset-waist.....	865,785	Sept. 10	1601	453	130	520
Law, Alexander H. (See Parsons, Stoney and Law.)						
Law, Prentis E., Wilmette, Ill. Lavatory.....	871,876	Nov. 26	3630	885	131	986
Law, Tomas W., assignor to M. M. Scott, J. B. Robers, M. M. Duncan, S. Q. Clemonds, and R. P. Dunklin, Atlanta, Tex. Fish-trap.....	866,147	Sept. 17	2177	607	130	741
Law, William H., New York, N. Y. Metallic packing.....	869,374	Oct. 29	3409	937	130	2458
Lawder, Will J., Washington, D. C., assignor to Chamberlin Metal Weather Strip Company, Detroit, Mich. Weather-strip.....	872,434	Dec. 3	247	50	131	1207
Lawler, Joseph A., Braddock, Pa. Device for disintegrating ore in cars.....	846,036	Mar. 5	642	135	127	164
Lawless, Philip C., Hampstead, London, England. Clasp.....	849,249	Apr. 2	1268	257	127	1912
Lawlor, Daniel, assignor of one-half to L. H. Hartley, Lowell, Mass. Jacquard-machine.....	866,660	Sept. 24	2925	827	130	1006
Lawlor, Daniel, assignor to Benjamin Eastwood Co., Paterson, N. J. Stop-motion for quilting-machines.....	867,824	Oct. 8	915	260	130	1612
Lawrence, Arthur, Chicago, Ill. Tilting bed-spring.....	857,353	June 18	3709	784	128	2705
Lawrence, Edwin F. (See Lawrence, John H., assignor.)						
Lawrence, George R. (See Inglis, James, assignor.)						
Lawrence, George V., assignor of one-half to J. S. Washabaugh, Carnegie, Pa. Rail-joint.....	860,923	July 23	4017	1100	129	1421
Lawrence, Harry W., Trenton, N. J. Lamp-receptacle.....	864,426	Aug. 27	3598	999-1000	129	3296
Lawrence, Harry W., Denver, Colo., assignor to New England Electric Co. Lamp-receptacle.....	864,427	Aug. 27	3599	1000	129	3296
Lawrence, Henry, Richmond, Va. Washing-machine.....	859,564	July 9	1928	519	129	677
Lawrence, Henry J., Longbeach, Cal. Cream-separator.....	870,110	Nov. 5	359	101	131	120
Lawrence, Henry J., Longbeach, Cal. Wave or tide motor.....	874,687	Dec. 24	4879	1026	131	2049
Lawrence, Henry J., assignor of one-half to O. E. Seastrom, Elmore, Minn. Manure-loader.....	874,776	Dec. 24	5051	1064	131	2079
Lawrence, John D., Princeton, N. J. Casket-handle.....	873,563	Dec. 10	2579	543	131	1613
Lawrence, John H., assignor of one-half to E. F. Lawrence, Sterling, Ill. Overhead trolley-track.....	868,932	Oct. 22	2720	748	130	2217
Lawrence, John N., Nevada, Mo. Automatic brake.....	841,698	Jan. 22	3824	832	126	1096
Lawrence, Lilford L., Bridgeport, Ala. Canning apparatus.....	865,190	Sept. 3	650	184	130	197
Lawrence, Louis, Dallas, Tex. Composition of matter for improving the tone of a violin.....	856,533	June 11	2153	.....	128	2272
Lawrence, Phineas, London, England. Cardboard-gluing machine.....	844,880	Feb. 19	4308	919	126	2935

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Lawrence, Robert S., Boston, Mass. Machine for forming and compressing peat	858,879	July 2	891	232-3	129	307
Lawrence, Zephaniah S., West Shefford, Quebec, Canada. Storage and cooling vat for milk or cream	857,473	June 18	3935	837	128	2760
Laws, Romulus D., Moravian Falls, N. C. Printing-press	862,340	Aug. 6	378	104	129	2202
Lawson, Charles W., Waterbury, Conn. Frame-clamp	840,777	Jan. 8	1985	439	126	551
Lawson, John. (See Delaney and Lawson.)						
Lawson, Richard F., Effingham, Ill. Currycomb	857,472	June 18	3934	836	128	2760
Lawson, Robert R., New York, N. Y. Closure for envelops and package-wraps	841,699	Jan. 22	3827	832	126	1097
Lawson, Walter H., assignor to Watt & Keelor, Richmond, Ind. Drop-front burial-casket	843,157	Feb. 5	645	136	126	1959
Lawson, William W. (See Schnabel and Lawson.)						
Lax, Alfred A., G. W. Hinson, and J. I. Willhoit, Graham, Tex. Agricultural machine	866,040	Sept. 17	2014	562	130	689
Laybourn, George A., Sioux City, Iowa. Breeding-crate	864,006	Aug. 20	2961	816-17	129	3070
Laycock, William, Libertyville, Ill. Duster	850,764	Apr. 16	4132	865	127	2714
Layden, John J. (See Marble, James E., assignor.)						
Layfield, James, and A. V. Crisp, Vancouver, British Columbia, Canada, assignors to Victor Cement Block & Machine Co., Ltd. Cement-block-molding machine	874,366	Dec. 17	4228	890-1	131	1912
Layman, George R., Lincoln, Ill. Safety device for elevators	847,083	Mar. 12	2734	603	127	721
Layman, Waldo A., St. Louis, Mo. Starting alternating-current motors	851,890	Apr. 30	6389	1334	127	3354
Layman, Waldo A., St. Louis, Mo. Electrically braking alternating-current motors	851,891	Apr. 30	6391	1334-5	127	3354
Layne, Mahlon E., Houston, Tex. Forming perforated tubes and screens	846,482	Mar. 12	1539	340	127	421
Layne, Charles H., New York, N. Y. Separable coupling	845,654	Feb. 26	5819	1229	126	3351
Lazar, Solomon, San Francisco, Cal. Paper-folding machine	843,219	Feb. 5	785	162	126	1994
Lazaro, William F., Turtle Creek, Pa. Clothes-fastener for cribs	875,359	Dec. 31	6237	1301	131	2290
Lazear, Le Roy C., Chicago, Ill. Curtain-supporting rod	847,344	Mar. 19	3245	715	127	876
Lazell, Ellis W. (See Spackman and Lazell.)						
Lazenby, Henry C. (See Lazenby, Robert S. and H. C.)						
Lazenby, Robert S. and H. C., Waco, Tex. Water-distilling apparatus	846,322	Mar. 5	1193	263	127	302
Le Baron, Daniel M., Amos, Nev. Power transmission	867,060	Sept. 24	3541	1003	130	1204
Le Baron, Herbert A., Ridgelyville, Me. Sleigh	847,954	Mar. 19	4520	991-2	127	1192
Le Beau, Victor, New Orleans, La. Bait trap and holder	844,945	Feb. 19	4411	943	126	2960
Le Blanc, Alexis, Brooklyn, N. Y. Braiding-machine	875,190	Dec. 31	5902	1230-1	131	2238
Le Blanc, Armand E., Houma, La. Land-marker	852,069	Apr. 30	6791	1414	127	3455
Le Blanc, Arthur, Worcester, Mass. Headlight for vehicles	853,247	May 14	1773	368	128	482
Le Blanc, Arthur, Worcester, Mass. Machine for cleaning old bricks	863,190	Aug. 13	1760	473	129	2665
Le Blanc, Jules, assignor of three-fourths to P. J., H. T., and F. J. Hebert, Jeanerette, La. Cane-stubble cutter and destroyer	846,323	Mar. 5	1195	264	127	302
Le Blond, Richard K., and W. F. Groene, Cincinnati, Ohio, assignors to R. K. Le Blond Machine Tool Company. Variable-speed mechanism	845,005	Feb. 19	4534	966-7	126	2989
Le Blond, Richard K., and W. F. Groene, Cincinnati, Ohio. Speed-changing device	857,562	Jan. 18	4121	873	128	2807
Le Boeuf, Paul R., Amelia, assignor of one-fourth to H. A. Terrio and P. Braud, Ascension parish, La. Package-fastener	875,442	Dec. 31	6397	1334	131	2318
Le Bourgeois, William B., Convent, La. Latch for gates and the like	845,363	Feb. 26	5266	1117	126	3216
Le Brocq, Richard F., assignor of one-half to E. J. Selley, New York, N. Y. Door-operating mechanism	873,058	Dec. 10	1589	333	131	1447
Le Cato, John A., Grantwood, N. J. Tracker-bar	858,727	July 2	633	166	129	219
Le Clair, Archie. (See Dionne, Napoleon, assignor.)						
Le Clair, George E., Elyria, Ohio. Combined grader and scraper	840,139	Jan. 1	716	155	126	196
Le Compte, George W., New York, N. Y., assignor of one-half to American Hame and Bit Company, Newark, N. J. Rule or calipers	869,578	Oct. 29	3747	1025	130	2562
Le Favour, Joseph, and R. F. Brammer, Albany, Ind. Composition railway-tie	849,798	Apr. 9	2311	474-5	127	2212
Le Favre, George A., Piermont, N. Y. Cofferdam and caisson construction	851,532	Apr. 23	5641	1181	127	3131
Le Grand, Jean J. P., Paris, France. Protective cover for pneumatic or elastic tires	855,712	June 4	509	106	128	1825
Le Maire, John B., Jersey City, N. J. Securing device for ropes	872,355	Dec. 3	78	15	131	1180
Le Mat, Raoul F., Washington, D. C., assignor to G. A. Reach, Philadelphia, Pa. Ankle-supporter	851,950	Apr. 30	6530	1361	127	3388
Le Messurier, Arthur J., St. Johns, Newfoundland. Hat and coat rest	875,537	Dec. 31	6577	1373	131	2348
Le Pontois, Leon J., New Rochelle, N. Y., assignor to Polyphase Ignition System Company. Inductor magneto-alternator	843,541	Feb. 5	1414	297	126	2146
Le Pontois, Leon J., New Rochelle, N. Y., assignor to Poly-Phase Ignition System Company. Self-exciting alternator	855,713	June 4	510	106	128	1825
Le Pontois, Leon J., New Rochelle, N. Y., assignor to Poly-Phase Ignition System Company. Electric-current interrupter for ignition systems	858,730	July 2	637	167	129	220
Le Quesne, Walter, Jersey, England. Window-sash	863,294	Aug. 13	1916	517	129	2711
Le Roy, Jean A., New York, N. Y. Independent framing device for kinetoscopes	864,314	Aug. 27	3437	956	129	3243
Le Sueur, Philip, Calabasas, Cal. Hub-attaching device	841,025	Jan. 8	2478	540	126	675
Le Valley, Charles J. (See Harris and Le Valley.)						
Le Vasseur, John B., Duluth, Minn. Adjustable rule	846,580	Mar. 12	1745	386	127	473
Le-White Manufacturing Company. (See Whitehouse, John N., assignor.)						
Lea-Degen Pump Company. (See Degen, Julius, assignor.)						
Lea-Degen Pump Company. (See Lea and Degen, assignors.)						
Lea, Edward S., and J. Degen, assignors, by mesne assignments, to Lea-Degen Pump Company, Trenton, N. J. Multiple-section pump-casing	840,137	Jan. 1	714	153-4	126	195
Lea, Edward S., and J. Degen, assignors, by mesne assignments, to Lea-Degen Pump Company, Trenton, N. J. Pump-base	840,138	Jan. 1	715	154-5	126	195
Lea, Henry I., Pittsburg, Pa. Gas manufacture	873,250	Dec. 10	1948	408	131	1508
Lea, John M., assignor to International Electric Meter Company, Chicago, Ill. Electrical measuring instrument	840,569	Jan. 8	1591	349	126	450
Lea, John M., assignor to International Electric Meter Company, Chicago, Ill. Electrical measuring instrument	870,632	Nov. 12	1205	326	131	428
Lea, Joseph, Toronto, Ontario, Canada. Stair	851,531	Apr. 23	5640	1180	127	3131
Lea, Samuel H., Pierre, S. D. Reinforced concrete structure	860,391	July 16	3188	871-2	129	1118
Leach, Charles, Kansas City, Kans. Sash-fastener	847,345	Mar. 19	3249	715	127	876
Leach, Edward C., Norwalk, Conn. Bottle-stopper	851,990	Apr. 30	6608	1376	127	3409
Leach, James C. E., Norwich, Conn. Hinge-joint for revolvers	855,793	June 4	673	138	128	1867
Leach, Rhoda A. (See Bailey, James W., assignor.)						
Leach, William, Brandon, Manitoba, Canada. Skid for baggage-cars, &c.	860,752	July 23	3757	1029	129	1335
Leach, William H., Jr. (See Thomas and Leach.)						
Leader Specialty Manufacturing Company. (See Martindale, John H., assignor.)						
Leahy, James W., Jersey City, N. J. Track construction	846,799	Mar. 12	2172	477-8	127	583
Leahy, Louis K., Los Angeles, Cal. Hydrocarbon-burning apparatus	845,241	Feb. 26	5011	1065	126	3154
Leahy, Peter J., Turcot, Quebec, Canada. Car-fender	862,828	Aug. 6	1197	322	129	2449
Leak, Charley, Numa, Iowa. Chimney-flue protector	851,949	Apr. 30	6529	1361	127	3388
Leake, David H. (See Valentine, Robert S., assignor.)						
Leake, Richard C., assignor of one-half to D. J. Strickland, Auburn, N. Y. System for electrical distribution	853,888	May 14	3086	633	128	822

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Leake, Thomas S. (See Daly and Leake.)						
Leapley, Edward E. (See Sloderbeck, Martin C., assignor.)						
Lear, Arthur F., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	855,011	May 28	5316	1104	128	1456
Lear, Arthur F., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	855,012	May 28	5318	1105	128	1457
Lear, Samuel B., San Francisco, Cal. Hose and like coupling.	867,059	Sept. 24	3540	1003	130	1203
Learman, Louis F., assignor of one-half to E. M. Coon, St. Paul, Minn. Safety-block for railway-tracks.	861,295	July 30	4615	1260-1	129	1651
Learnard, Arthur W., Boston, Mass. Propeller.	866,369	Sept. 17	2510	700	130	847
Leary, John C., San Francisco, Cal. Box-printing machine.	862,174	Aug. 6	102	28	129	2116
Leary, John J., assignor to Rochester Gas Engine Company, Rochester, N. Y. Explosive-engine.	864,313	Aug. 27	3436	955	129	3243
Leary, William, New Bedford, Mass. Combined parallel rocker and picking-stick check for looms.	852,515	May 7	272	50	128	75
Leas, De Witt H., Delaware, Ohio. Program-clock.	865,598	Sept. 10	1314	373	130	428
Lease, George M., Lamar, Mo. Tire-bench.	870,039	Nov. 5	260	71	131	89
Lease, Jesse A., Toledo, Ohio. Axletree.	844,029	Feb. 12	2327	499	126	2408
Lease, Lyman G., Warren, Ohio. Wall construction.	868,999	Oct. 22	2827	778	130	2251
Leatherbury, George S. (See Summers, Emmett L., assignor.)						
Leatherland, Walter I. (See Pulman and Leatherland.)						
Leathers, Allison H. (See Malugen, Levi, assignor.)						
Leathers, Lewis P., et al. (See Willson, Mendal W., assignor.)						
Leathers, Warner B., New Holland, Ga. Bobbin-stripper.	869,856	Oct. 29	4161	1149-50	130	2685
Leavens, Philip J., Vineland, N. J. Saw-set.	875,441	Dec. 31	6396	1334	131	2318
Leavenworth, Alson E., New Haven, Conn. Automatic ventilation-regulator for incubators.	855,107	May 28	5540	1151	128	1512
Leavenworth, George W., Hartford, assignor to H. H. Judd, Bristol, Conn. Trap.	867,920	Oct. 8	1073	304	130	1661
Leavitt, Byron C., Denver, Colo. Adjustable back for cots.	845,039	Feb. 19	4601	979	126	3009
Leavitt, Charles, St. Johnsville, N. Y. Wagon-body.	844,147	Feb. 12	2547	546	126	2462
Leavitt, George W., Pittsburg, Kans. Car-door.	871,711	Nov. 19	3243	803	131	899
Leavitt, John E., Boston, Mass., assignor to Manufacturers Machine Company, Montclair, N. J. Buffing-machine.	871,942	Nov. 26	3764	916	131	1006
Leavitt, John M., assignor to W. B. Reed and C. S. Burroughs, New York, N. Y. Scenery.	848,180	Mar. 26	4940	1079	127	1335
Leavitt Machine Co. (See Williams, Thomas B., assignor.)						
Lebenberg, Max, Berlin, Germany. Automatic advertising-machine.	860,306	July 16	3056	836-7	129	1074
Leber, Ed. (See Klumph, Almon P., assignor.)						
Leber, George J., Cleveland, Ohio. Shut-off valve.	854,047	May 21	3415	705	128	942
Leber, William A., assignor to G. A. Bisler, Philadelphia, Pa. Printing and embossing press.	858,880	July 2	894	233	129	308
Leblanc, Maurice, Paris, France, assignor to Westinghouse Electric and Manufacturing Company. Multiplex telephony.	857,079	June 18	3195	672-3	128	2576
Leblanc, Maurice, Paris, France, assignor to Westinghouse Electric & Manufacturing Company. Apparatus for transforming continuous currents.	857,080	June 18	3200	673	128	2577
Leblanc, Maurice, Paris, France, assignor to Westinghouse Electric & Manufacturing Company. Generating high-frequency alternating currents.	857,560	June 18	4107	872	128	2806
Leblanc, Maurice, Paris, France, assignor to Westinghouse Electric & Manufacturing Company. Apparatus for generating high-frequency alternating currents.	857,561	June 18	4114	872-3	128	2806
Leblanc, Maurice, Paris, France, assignor to Westinghouse Electric & Manufacturing Company. System of electrical transmission and propulsion.	874,411	Dec. 24	4328	911-12	131	1960
Lebrun, Hector, Brussels, Belgium. Microtome.	873,059	Dec. 10	1590	333	131	1447
Lebrun, Louis, Spa, Belgium. Type setting and distributing machine.	854,095	May 21	3524	727	128	970
Lecaille, Constant, Ambarès, France. Rotary engine.	841,987	Jan. 22	4405	950	126	1239
Lechner, Frederick W., Winona, Ill. Device for smoothing wagon-roads.	848,472	Mar. 26	5510	1202-3	127	1479
Lechtenberg, Henry, assignor to Central Iron Works, Quincy, Ill. Dust-arrester.	870,830	Nov. 12	1529	418	131	529
Lecoquer, Albert, Rouen, France. Purification of ammoniacal copper solutions.	863,801	Aug. 20	2664		129	2979
Lecoquer, Albert, Rouen, France. Preparation of ammoniacal copper solutions.	863,802	Aug. 20	2664		129	2979
Lecoultrre, Emile, assignor to C. C. Carlin, Alexandria, Va. Tabulating device for type-writing machines.	858,082	June 25	5192	1101-2	128	3110
Lecoultrre, Emile, assignor to C. C. Carlin, Alexandria, Va. Tabulating device for type-writing machines.	858,083	June 25	5199	1102	128	3112
Lecuyer, Emile, Salina, Kans. Harness-pad.	863,542	Aug. 13	2269	615	129	2822
Ledbetter, George W., near Advance, and N. Lanpher, Bollinger county, Mo. Churn.	858,729	July 2	636	167	129	220
Ledbetter, Rufus C., Aspermont, Tex. Carriage-bow support.	841,548	Jan. 15	3514	759	126	985
Leddell, William A. (See Leddell William J. and W. A.)						
Leddell, William J. and W. A., Summit, N. J. Rotary pump.	852,568	May 7	397	72-3	128	105
Leddy, William B. (See Byron, Thomas F., assignor.)						
Leder, Ernst, Rixdorf, Germany. Calculator.	867,061	Sept. 24	3542	1003-5	130	1204
Leder, Paul H. A., Baltimore, Md., and B. F. Schubert, Washington, D. C. Bottle-stopper.	865,405	Sept. 10	1000	286	130	333
Lederer, Irving R., Providence, R. I. Bracelet.	873,873	Dec. 17	3202	682	131	1750
Lederer, Isidore M. (See Phillips Elwood C., assignor.)						
Lederer, Joseph, New York, N. Y. Inverted gas-burner.	872,070	Nov. 26	4071	975-6	131	1050
Lederle, William J. (See Old and Lederle.)						
Ledford, John E., assignor to himself, G. Omer, S. Wallen, and T. R. Carson, Butte, Mont. Safety-lock.	850,840	Apr. 16	4284	898	127	2754
Lednitzky, Jenő. (See Greenstein and Lednitzky.)						
Ledoux, John W., Swarthmore, Pa. Liquid-meter.	861,866	July 30	5506	1519	129	1924
Ledoux, John W., Swarthmore, Pa., assignor to Simplex Valve and Meter Company.	872,435	Dec. 3	248	50	131	1207
Ledoux, John W., Swarthmore, and N. Z. Ball, Philadelphia, Pa., assignors to Simplex Valve & Meter Company, Camden, N. J. Liquid-meter.	872,436	Dec. 3	250	51	131	1207
Ledoux, Wilfrid, Arnaud, Manitoba, Canada. Unloading attachment for wagons.	863,858	Aug. 20	2751	756	129	3006
Ledwinka, Joseph, assignor to Imperial Electric Motor Company, Philadelphia, Pa. Automobile.	849,145	Apr. 2	1085	217-18	127	1866
Ledwinka, Joseph, assignor to Imperial Electric Motor Company, Philadelphia, Pa. Automobile.	849,146	Apr. 2	1087	218	127	1867
Ledwinka, Joseph, assignor to R. Thayer, Philadelphia, Pa. Sweeping-machine.	871,512	Nov. 19	2886	723	131	837
Ledwinka, Joseph, assignor to R. Thayer, Philadelphia, Pa. Electric controller.	875,536	Dec. 31	6571	1373	131	2347
Lee, Alfred M., trustee. (See Pease, Roger S., assignor.)						
Lee, Alva D., Brookline, Mass. Apparatus for roasting ores and separating by-products therefrom.	865,309	Sept. 3	836	241-2	130	253
Lee, Alva D., Brookline, and F. J. E. Nelson, Jr., East Boston, Mass. Rotary engine.	863,191	Aug. 13	1761	473	129	2665
Lee, Alva D., Brookline, and F. J. E. Nelson, Jr., East Boston, Mass. Rock-drilling machine.	874,603	Dec. 24	4708	989-90	131	2022

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Lee, Annie, Three Oaks, assignor of one-half to G. E. Pooler, Burr Oak, Mich. Rack or holder.....	856,593	June 11	2275	468	128	2304
Lee, Arthur L., New York, assignor of one-half to G. Lacomme, Brooklyn, N.Y. Door-fastener.....	874,688	Dec. 24	4880	1026	131	2050
Lee, Bartley J., deceased, (M. A. Lee, administratrix,) assignor of one-half to A. J. Ryder, Poughkeepsie, N. Y. Clothes-line hanger.....	850,235	Apr. 16	3118	652	127	2455
Lee, Charles, Cambridge, Mass. Device for laying out and setting up molding-cutters.....	866,205	Sept. 17	2253	628-9	130	765
Lee, Charles A. (See Felts, Frank A., assignor.)						
Lee, Charles E., Chicago, Ill., assignor to Electric Goods Manf'g Company, Boston, Mass. Intercommunicating telephone.....	866,794	Sept. 24	3134	883	130	1078
Lee, Charles H., Philadelphia, Pa. Game apparatus.....	860,924	July 23	4017	1100	129	1421
Lee, Charles S., Troy, N. Y. Controller for electric motors.....	865,970	Sept. 10	1898	531-2	130	622
Lee, Chester I. (See Johnson and Lee.)						
Lee, Clinton R., Lincoln, Nebr. Broom-machine.....	850,532	Apr. 16	3687	771	127	2604
Lee, Cyrus II., Silver Creek, Nebr. Lice-killing machine.....	851,098	Apr. 23	4772	1003	127	2915
Lee, David A., Alberta, La. Device for opening and closing gates.....	860,875	July 23	3939	1079	129	1395
Lee, Duncan A., Hot Springs, Ark. Harness.....	845,558	Feb. 26	5635	1193	126	3308
Lee, Edward A., Vinita, Ind. Ter. Well-bucket bottom.....	866,661	Sept. 24	2927	828	130	1006
Lee, Elliot C. (See Crane, Newton, assignor.)						
Lee, Elmos Paducah, Ky. Brake-shoe for locomotives.....	867,144	Sept. 24	3662	1040	130	1238
Lee, Fred M., Newark, N. J., assignor to T. B. Peddie and Co. Trunk.....	840,140	Jan. 1	718	155	126	196
Lee, George A., Yonkers, N. Y., assignor to Automatic Packing & Labeling Company, Durham, N. C. Automatic weighing mechanism.....	860,392	July 16	3190	872-3	129	1118
Lee, George A., Yonkers, N. Y., assignor to Automatic Packing & Labeling Company, Durham, N. C. Machine for packaging materials.....	872,521	Dec. 3	427	88-91	131	1234
Lee, George B., assignor to D-S-B. Company, Providence, R. I. Storm-window fastener.....	871,759	Nov. 19	3346	823	131	915
Lee, Halvor A., Minneapolis, Minn. Sewing-implément holder.....	867,583	Oct. 8	553	156	130	153
Lee, Henry W., St. Louis, Mo. Piston-rod packing.....	844,525	Feb. 19	3364	726	126	2705
Lee, James E., Grand Haven, Mich. Printing-press.....	845,797	Mar. 5	122	23-4	127	35
Lee, John D., Santa Barbara, Cal. Fastening device for ladies' collars.....	854,583	May 21	4435	922	128	1202
Lee, John E., Conshohocken, Pa. Device for opening boxes.....	856,964	June 11	2959	620	128	2475
Lee, John E., assignor to J. Ellwood Lee Company, Conshohocken, Pa. Machine for brushing bandage-rolls, &c.....	844,816	Feb. 19	4193	893	126	2906
Lee, John E., Conshohocken, Pa., assignor to Johnson and Johnson, New Brunswick, N. J. Disinfecting device.....	845,559	Feb. 26	5636	1194	126	3308
Lee, John E., Conshohocken, Pa., assignor to Johnson and Johnson, New Brunswick, N. J. Holder for liquid soap.....	847,014	Mar. 12	2595	569	127	689
Lee, John J., Minneapolis, Minn. Soap holder and grater.....	867,386	Oct. 1	244	70	130	1388
Lee, John W., Washington, D. C. Bottle-stopper.....	847,791	Mar. 19	4163	908	127	1107
Lee, Margaret A., administratrix. (See Lee, Bartley J.)						
Lee, Maurice B., and C. H. Grings, assignors to Dubuque Harness and Saddlery Company, Dubuque, Iowa. Manufacture of harness-pads.....	864,973	Sept. 3	336	89-90	130	107
Lee, Oluf, Minneapolis, Minn. Cooking-stove.....	846,579	Mar. 12	1744	386	127	472
Lee, Robert H., assignor of one-half to T. H. Moody and J. C. Porter, Santa Monica, Cal. Composition for removing stains and restoring paint or varnish to its original gloss.....	849,480	Apr. 9	1721		127	2062
Lee, Robert J., Panola, Ill. Belt guide and shifter.....	858,609	July 2	428	111-12	129	152
Lee, Thomas, Home City, Ohio. Refuse-can.....	850,167	Apr. 16	2984	625	127	24 9
Lee, Thomas, Home City, Ohio. Automatic window-closure.....	875,084	Dec. 31	5700	1189	131	2204
Lee, Thomas B., Charlotte, N. C. Insulating-clamp.....	848,473	Mar. 26	5520	1203	127	1479
Lee, William, Griffith, Tenn. Railway-track construction.....	853,308	May 14	1925	398	128	526
Lee, William A., Blackwell, Okla. Ter. Washing-machine.....	860,389	July 16	3184	870	129	1116
Lee, William G., Allegheny, Pa. Toy gun.....	862,979	Aug. 13	1417	385	129	2554
Lee, William S., Jr., Charlotte, N. C. Insulator-pin.....	855,253	May 28	5809	1210	128	1581
Lee, William V., Urbana, Ohio. Building construction.....	872,658	Dec. 3	716	149	131	1280
Leech, William, Marysville, Cal. Device for the prevention of the practice of onanism in animals.....	863,291	Aug. 13	1910	516	129	2709
Leede Process Company. (See Foster, Whildin and E. C., assignors.)						
Leeds and Northrup Company. (See Northrup, Edwin F., assignor.)						
Leeds Stamping Company. (See Morgan, John H., assignor.)						
Leedy Manufacturing Company. (See Leedy and Wanamaker, assignors.)						
Leedy Manufacturing Company. (See Wanamaker and Leedy, assignors.)						
Leedy, Ulysses G. (See Wanamaker and Leedy.)						
Leedy, Ulysses G., and C. B. Wanamaker, assignors to Leedy Manufacturing Company, Indianapolis, Ind. Drum.....	850,306	Apr. 16	3244	676	127	2489
Leeland, Thorval, Newark, N. J. Boring-machine.....	874,090	Dec. 17	3688	776	131	1820
Leeming, Frank, Bradford, and C. Hudson, Ingrow, near Keighley, assignors to G. Hattersley and Sons Limited, Keighley, England. Mechanical movement.....	853,514	May 14	2810	478-9	128	627
Leeming, Frank, Bradford, and C. Hudson, Ingrow, near Keighley, assignors to G. Hattersley and Sons Limited, Keighley, England. Shuttle-box-operating mechanism for looms.....	865,649	Sept. 10	1392	394-5	130	400
Leep, Jeremiah G., Vevay, Ind. Implement for cutting grass.....	871,806	Nov. 26	3466	850	131	961
Leeper, George W., Portland, Oreg. Load-binder.....	864,474	Aug. 27	3679	1024	129	3325
Leers, Abraham, Atlanta, Ga. Artificial ear-drum.....	841,988	Jan. 22	4407	950	126	1239
Lees, Fanny D., Philadelphia, Pa. Tongue-scraper.....	856,711	June 11	2509	515	128	2363
Lees, William E. (See Govey, Lees, and Bell.)						
Lees, William K., Patagonia, Ariz. Ter. Nut-lock.....	860,393	July 16	3193	873	129	1119
Leet, Albert, et al. (See Harris, Edward, assignor.)						
Leet, Edward D., McLean county, Ky. Plow.....	861,994	July 30	5692	1579	129	1982
Leetham, Richard E. (See Leetham, Sidney and R. E.)						
Leetham, Sidney, York, assignor to Ozonized Oxygen Company Limited, Manchester, England. Producing a bleaching, sterilizing, or conditioning agent.....	854,508	May 21	4293	888	128	1168
Leetham, Sidney and R. E., York, England. Automatic feed weighing and packing apparatus.....	858,728	July 2	634	166-7	129	219
Leetham, Sidney and R. E., York, England. Automatic feed weighing and packing apparatus.....	865,919	Sept. 10	1823	508-10	130	655
Lefever Arms Company. (See Lefever, Charles F., assignor.)						
Lefever, Charles F., assignor to Lefever Arms Company, Syracuse, N. Y. Cocking mechanism for guns.....	865,310	Sept. 3	840	242	130	254
Lefevre, Esther M., New Paltz, N. Y. Mop-head.....	861,867	July 30	5507	1520	129	1925
Leffer, Louis G., Cologne, Germany. Making a sicative.....	864,475	Aug. 27	3680		129	3325
Leffer, Charles, et al. (See Davis, Charles N., assignor.)						
Leffer, Allan G., Belleville, Mich. Clamp for stretchers for stretching fences.....	852,842	May 7	955	196	128	243
Leffranc, Louis, Lausanne, Switzerland. Manufacture of artificial stone in imitation of marble or granite and the like.....	841,160	Jan. 15	2770		126	794
Leftridge, Philip M., Industry, Ill. Animal-lifter.....	861,296	July 30	4616	1261	129	1651
Leftwich, William D., Pittsburg, Pa. Street-car fender.....	847,084	Mar. 12	2735	603-4	127	721

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Legan, Harriet N., Denver, Colo. Hook and eye.	860,039	July 16	2666	724	129	947
Leger, Dominick S., assignor of one-half to M. F. Richard, Lynn, Mass. Adjustable window-chair.	844,148	Feb. 12	2549	546	126	2463
Leger, Zoel M., Moncton, New Brunswick, Canada. Detachable button.	843,158	Feb. 5	647	136	126	1959
Legere, Patrick M., Berlin, N. H. Fire-escape.	845,181	Feb. 26	4891	1037	126	3123
Legg, Ernest, and G. H. Wright, Granville, Ohio. Cement railway-tie.	851,601	Apr. 23	5793	1211	127	3170
Legg, Marion W., Trenton, Mo. Gate.	870,371	Nov. 5	806	214	131	264
Legg, Roland H., Carthage, Mo. Wrench.	841,549	Jan. 15	3515	760	126	985
Legge, Ruth E., Sandwich, England. Busk for corsets.	849,905	Apr. 9	2515	519	127	2264
Leggett, Alexander, Michigan City, Ind. Flue-joint structure.	852,278	Apr. 30	7169	1504	127	3549
Leggett, Charles E., El Campo, Tex., assignor to Leggett Pump Company, Joplin, Mo. Condensing-pump.	866,288	Sept. 17	2380	663	130	106
Leggett, Clinton H., New York, N. Y. Powder-distributor.	840,141	Jan. 1	720	156	126	196
Leggett, Clinton H., New York, N. Y. Powder-distributor.	840,142	Jan. 1	723	156-7	126	197
Leggett, James H., Oroville, Cal. Gold-saving apparatus.	846,483	Mar. 12	1540	341	127	421
Leggett, Joseph P., Carthage, Mo., assignor to Chamberlin Cartridge & Target Company, Cleveland, Ohio. Carrier for target-traps.	852,123	Apr. 30	6898	1441	127	3481
Leggett Pump Company. (See Leggett, Charles E., assignor.)						
Leggo, Arthur V., Pendeen, Ballarat, Victoria, Australia. Rabble shaft and arm for furnaces.	872,827	Dec. 3	1065	224	131	1336
Legh, Gilbert, Kings Lynn, England. Golf-club.	863,728	Aug. 20	2541	702-3	129	2940
Legrand, George J. J., (See Gersant and Legrand.)						
Lehberger, George, Newark, N. J. Engine or motor.	851,293	Apr. 23	5184	1088	127	3019
Lehman, Benjamin. (See Kehoe, Michael J., assignor.)						
Lehman, Benjamin N., F. Cook, and J. Robertson, Eureka, Utah. Wrench.	846,220	Mar. 5	1011	216	127	257
Lehman, Charles M., Middlebury, Ind. Trace-fastening device.	847,417	Mar. 19	3406	745	127	918
Lehman, Francis E., (See Bowsman, Harry O., assignor.)						
Lehman, Frank H., Lebanon, Pa., assignor to Ullman Manufacturing Company, New York, N. Y. Puzzle.	856,196	June 4	1436	303	128	2055
Lehman, Henry H., (See Farver and Lehman.)						
Lehman, Isaac, et al. (See Lustig, Adolphus J., assignor.)						
Lehman, Jay E., Canton, Ohio. Rotary engine.	871,807	Nov. 26	3467	850	131	961
Lehman, John F., Huntsville, Ala. Card-grinding machine.	856,072	June 4	1188	252	128	1993
Lehman, William H., Detroit, Mich. Strength-testing machine.	848,181	Mar. 26	4942	1079	127	1335
Lehmann, Arthur E., (See Niemeyer, Lehmann, and Sinskey.)						
Lehmann, Charles, Jersey City, N. J. Automatic cologne-fountain.	861,372	July 30	4746	1297	129	1693
Lehmann, Ernst P., Brandenburg-on-the-Havel, Germany. Means for securing wire to other objects.	841,989	Jan. 22	4408	950	126	1240
Lehmann, Fritz, Vohwinkel, near Elberfeld, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Reddish-brown sulfur dye.	866,939	Sept. 24	3352		130	1883
Lehmann, Hermann, Magdeburg, assignor to Fried. Krupp Aktiengesellschaft Grusonwerk, Magdeburg-Buckau, Germany. Feed mechanism for automatic magazine-guns.	857,244	June 18	3500	739-40	128	2652
Lehmann, Louis A., New York, N. Y. Dumping-bucket.	846,800	Mar. 12	2173	478	127	584
Lehmkuhl, William B., Cambridge, Mass. Telephone-supporting apparatus.	869,973	Nov. 5	141	39	131	47
Lehn, Bernard, Escanaba, Mich. Safety device for elevators.	855,646	June 4	385	80	128	1793
Lehner, Friedrich, Zurich, Switzerland. Manufacture of artificial hemp fiber.	853,093	May 7	1457		128	369
Lehnert, Carl, Marxloh, Germany. Scraper for metal-working.	841,332	Jan. 15	3108	671	126	879
Lehnert, Carl, Marxloh, Germany. Life-boat.	844,372	Feb. 19	3037	648	126	2625
Lehnert, Carl, Marxloh, Germany. Automatic closing device for doors of railway-cars.	846,675	Mar. 12	1939	426	127	524
Lehnert, Franz H., Dresden-Plauen, assignor to E. Fischer, Dresden, Germany. Apparatus for treating foaming liquids.	847,085	Mar. 12	2737	604	127	722
Lehnert, Franz H., assignor to E. Fischer, Dresden, Germany. Apparatus for treating foaming liquids.	863,031	Aug. 13	1497	406	129	2581
Lehnert, Max. (See Lehnert, Paul and M.)						
Lehnert, Paul and M., Dresden, assignors to A. Friedheim, Berlin, Germany. Counter-die and making same.	849,547	Apr. 9	1858		127	2097
Lehr, Anton A., Boston, Mass. Game apparatus.	845,798	Mar. 5	129	24	127	36
Lehr, Edwin, Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Potential-regulator.	854,829	May 28	4942	1027-8	128	1361
Lehr, Joseph, assignor of one-half to M. H. Schirmer, Rochester, N. Y. Pressing-machine.	869,857	Oct. 29	4163	1150	130	2685
Leib, Oliver E., and E. B. Witte, Trenton, N. J. Means for packing valve-rods or shafts under pressure.	863,409	Aug. 13	2075	560	129	2765
Leibenguth, Walter F., (See Pollock and Leibenguth.)						
Leibert, Owen F., Bethlehem, Pa. Hydraulic heel-creeper.	851,240	Apr. 23	5069	1066	127	2988
Leicester and Continental Mills Company. (See Zeldis and Weber, assignors.)						
Leichter, Edward, assignor of one-half to J. C. Campbell, Nevada City, Cal. Rock-drill.	853,555	May 14	2384	496	128	645
Leichter, Edward, assignor of one-fourth to J. C. Campbell, Nevada City, Cal., and one-fourth to J. Bender, Hamilton, Ohio. Pneumatic engine.	848,255	Mar. 26	5076	1110	127	1369
Leidal, Knute, and M. Ulling, Webster, Minn. Carrier.	873,380	Dec. 10	2227	463	131	1552
Leidecker, Frank W., Marietta, Ohio. Water-gage.	857,183	June 18	3398	717	128	2627
Leidel, Joseph H., Dresbach, Minn. Corn-husking machine.	845,957	Mar. 5	477	97-8	127	124
Leidel, Joseph H., Dresbach, Minn. Corn-picker.	845,958	Mar. 5	479	98-9	127	124
Leidgen, Nicolaus, Milwaukee, Wis. Dust-guard for automobiles.	841,790	Jan. 22	4014	868	126	1145
Leidigh, John J., Milwaukee, Wis. Credit-marking apparatus.	869,858	Oct. 29	4165	1150	130	2686
Leidl, Ludwig, Vienna, Austria-Hungary. Mast for wireless telegraphy and other purposes.	845,242	Feb. 26	5014	1066	126	3155
Leidy, Harvey, Carrington, N. D. Wagon-oiler.	844,149	Feb. 12	2550	547	126	2463
Leiger, George F., Oak Park, Ill. Speed-regulating mechanism.	848,109	Mar. 26	4830	1055	127	1306
Leiger, George F., Chicago, Ill. Speed-regulating mechanism.	857,636	June 25	4266	901-2	128	2876
Leiger, George F., Chicago, Ill. Speed-regulating mechanism.	857,637	June 25	4269	902	128	2877
Leigh, Richard A., (See Schnauffer and Smock, assignors.)						
Leighton, Alexander E., et al. (See Chandler, Edward F., assignor.)						
Leighton, Charles E., (See Dueterwald, Frank, assignor.)						
Leighton, Charles E., assignor to Leighton Lock Protector Company, New York, N. Y. Lock-protecting device.	860,550	July 16	3417	939	129	1194
Leighton, Charles E., assignor to Leighton Lock Protector Company, New York, N. Y. Lock-protecting device.	861,243	July 23	4513	1235	129	1583
Leighton, Charles E., assignor to Leighton Lock Protector Company, New York, N. Y. Lock-protecting device.	861,664	July 30	5191	1425-6	129	1831
Leighton, Charles E., assignor to Leighton Lock Protector Company, New York, N. Y. Permutation-lock.	863,292	Aug. 13	1911	517	129	2710
Leighton Lock Protector Company. (See Leighton, Charles E., assignor.)						
Leighton, William E., Pembroke, Me. Reproducing-horn for talking-machines.	872,828	Dec. 3	1068	224	131	1336
Leilich, Edwin F., San Francisco, Cal. Bed-motion for cylinder printing-presses.	852,124	Apr. 30	6900	1441-3	127	3481
Leimbach, Charles T., Catonsville, Md. Floor-planer.	857,946	June 25	4884	1032-3	128	3031
Leinert, Wenzel, Moscow, Russia. Apparatus for weighing liquids.	863,032	Aug. 13	1497	406	129	2581

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Leineweber, Herman, assignor of one-half to W. M. Bayne, Chicago, Ill. Pneumatic tool.	846,857	Mar. 12	2293	505	127	614
Leineweber, Herman, South Chicago, assignor of one-half to W. M. Bayne, Chicago, Ill. Pneumatic tool.	866,370	Sept. 17	2511	700	130	848
Leininger, Anton C., De Pere, Wis. Shaft-coupling.	863,928	Aug. 20	2856	785	129	3038
Leinveber, Alfred, Hilbersdorf, Germany. Preparing from cellulose, paper-pulp, wood-pulp, or similar material, strips capable of being spun	868,193	Oct. 15	1518	430-1	130	1820
Leisenring, Henry G., Wayne, Nebr. Acetylene-gas generator	853,807	May 14	2897	596	128	776
Leiser, Charles W., Salt Lake City, Utah. Telegraph-transmitter	853,556	May 14	2386	496	128	645
Leiser, Heinrich, Thorn, Germany. Device for mixing fluids and molten metals of different densities.	873,131	Dec. 10	1727	361	131	1471
Leitch, Andrew, Sunderland, England. Apparatus for teaching arithmetic.	846,484	Mar. 12	1542	341-2	127	422
Leitch, Andrew, Sunderland, England. Kindergarten apparatus.	846,485	Mar. 12	1543	342	127	422
Leitch, James F., <i>et al.</i> (See Wetherbee, Herbert E., assignor.)						
Leitch, Meredith, Elizabeth, assignor to American Can Company, Jersey City, N. J. Detinning apparatus.	843,616	Feb. 12	1571	331-2	126	2220
Leitch, Meredith, Elizabeth, assignor to American Can Company, Jersey City, N. J. Apparatus for detinning tin-scrap.	859,565	July 9	1929	520	129	677
Leitch, Meredith, Elizabeth, assignor to American Can Company, Jersey City, N. J. Detinning tin-scrap.	859,566	July 9	1932	520-1	129	679
Leitch, Meredith, Brooklyn, N. Y., assignor to Sheet Metal Recovery Company. Apparatus for treating tin cans and the like.	844,373	Feb. 19	3037	648-9	126	2626
Leitch, Samuel G., Somerville, Mass., assignor to Carter, Rice & Company, Incorporated. Stay-strip.	853,094	May 7	1458	305	128	369
Leitch, Thomas S., Seattle, Wash. Roller-skate wheel.	873,874	Dec. 17	3203	682	131	1750
Leitner, Henry, Woking, England. Dynamo construction.	860,813	July 23	3842	1054	129	1364
Leitner, Henry, Maybury, Woking, England. Dynamo construction.	863,410	Aug. 13	2077	560	129	2766
Leitner, Henry, Maybury, Woking, England. Preliminary treatment for accumulator-plates.	867,517	Oct. 1	438		130	1451
Leitschuh, Joseph. (See Currier and Leitschuh.)						
Leitschuh, Joseph, assignor to Federal Manufacturing Company, Columbus, Ohio. Propelling-roller for collar-shaping machines.	864,476	Aug. 27	3680	1024	129	3326
Leitz, Robert, Chicago, assignor of one-half to F. P. Collier, Wilmette, Ill. Draft appliance.	851,814	Apr. 30	6234	1300	127	3314
Lejeune, Armand, Mons en Baroeul, France. Fleece-dividing apparatus.	844,683	Feb. 19	3910	827	126	2833
Leland, Charles S., and H. R. Hysom, Mount Desert, Me. Lantern.	846,115	Mar. 5	815	170	127	207
Leland, Charles S., and H. R. Hysom, Mount Desert, Me. Lantern-lighting device.	846,116	Mar. 5	817	170	127	208
Leland, Herbert J. (See Leland, John A., assignor.)						
Leland, Herbert J., <i>et al.</i> (See Leland, John A., assignor.)						
Leland, John A., assignor of one-half to H. J. Leland, Millers Falls, Mass. Chuck.	842,469	Jan. 29	5465	1158	126	1548
Leland, John A., assignor to H. J. Leland and Millers Falls Co., Millers Falls, Mass. Chuck.	857,947	June 25	4886	1033	128	3031
Lelong, Emile, Conillet, Belgium. Apparatus for forging in dies.	875,443	Dec. 31	6399	1334	131	2318
Lemcke, Louis, assignor of one-half to A. A. Ebersson, St. Louis, Mo. Apparatus for constructing dress-forms.	874,091	Dec. 17	3690	776-7	131	1820
Lemen, Clarence A., Detroit, Mich. Low-water alarm.	853,309	May 14	1926	398	128	527
Lemen, Ward W. (See Pilcher and Lemen.)						
Leménager, Henri V., Washington, D. C. Note-sheet roll.	859,391	July 9	1676	446	129	596
Lemere, Christopher, Marshfield, Wis. Fence-post.	874,213	Dec. 17	3924	827	131	1861
Lemly, Henry R., Washington, D. C. Multiple cartridge-box.	869,310	Oct. 29	3305	910	130	2426
Lemmon, Norman E., Pullman, Ill. Speed-governing device.	864,547	Aug. 27	3832	1062	129	3371
Lemoine, David, Fisherville, Mass. Picker-stick attachment for looms.	850,841	Apr. 16	4285	899	127	2754
Lemoine, David, Fisherville, assignor to himself, and J. Ward, Whitinsville, Mass. Spinning-spindle.	860,678	July 23	3643	998	129	1301
Lemoine, David, Grafton, assignor to himself, and J. Ward, Whitinsville, Mass. Loom-picker.	849,632	Apr. 9	2015	413	127	2136
Lemoine, David, Grafton, assignor to himself, A. J. Soucy, Worcester, and J. Ward, Whitinsville, Mass. Spinning-spindle.	860,676	July 23	3641	998	129	1301
Lemoine, David, Fisherville, assignor to himself, A. J. Soucy, Worcester, and J. Ward, Whitinsville, Mass. Spinning-spindle.	860,677	July 23	3642	998	129	1301
Lemon, Abby C., Roanoke, Va. Dumping-wagon.	865,049	Sept. 3	449	121-2	130	68
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Accumulator for flash-boilers.	841,791	Jan. 22	4015	868	126	1146
Lemp, Hermann, Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Flash-boiler.	841,792	Jan. 22	4018	869	126	1146
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Controlling means for automobiles.	851,762	Apr. 30	6125	1280	127	3283
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Automobile control.	852,728	May 7	712	139	128	187
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Valve mechanism for engines.	853,095	May 7	1460	305	128	369
Lemp, Hermann, Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Burner-regulator.	853,808	May 14	2899	596	128	777
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Fuel-regulation system for steam-generators.	854,048	May 21	3417	705	128	943
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Steering-check.	855,463	June 4	41	10	128	1705
Lemp, Hermann, Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Steam-generator.	859,305	July 9	1527	408	129	547
Lemp, Hermann, Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Steam-propelled vehicle.	859,567	July 9	1934	521-2	129	679
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Flue construction for vehicles.	859,568	July 9	1936	522	129	680
Lemp, Hermann, Lynn, Mass., assignor, by mesne assignments, to General Electric Company. Hydrocarbon-burner.	868,457	Oct. 15	1954	545	130	1950
Lemp, Hermann, Lynn, Mass., assignor to General Electric Company. Motor-driven boat.	872,356	Dec. 3	79	15-16	131	1180
Lemp, William E., Mobile, Ala. Railway-signal.	841,023	Jan. 8	2475	539	126	674
Lemp, William E., Mobile, Ala. Car-door latch.	865,191	Sept. 3	652	184	130	845
Lempert, Moses. (See Czerny, Josef, assignor.)						
Lemyre, Joseph E., Manchester, N. H. Tide-motor.	839,860	Jan. 1	109	27	126	31
Lemyre, Joseph E., Manchester, N. H. Loom-shuttle.	858,662	July 2	532	136	129	184
Lengthseder, Henry W., Belleville, Ill., assignor to Mitchell-Parks Manufacturing Co., St. Louis, Mo. Packing flasks.	840,070	Jan. 1	560	122	126	149
Leni, Charles, deceased; E. G. Fletcher executor, Southend-on-Sea, England. Cash-register.	860,740	July 23	3734	1023	129	1329
Lennox, George, Hasbrouck Heights, N. J., and R. Stott, New York, N. Y. Speed-recorder.	859,673	July 9	2098	567	129	733

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Lennox, Talbot, assignor to McGuire-Cummings Manufacturing Company, Chicago, Ill. Railway-crossing.....	840,501	Jan. 8	1446	318-19	126	415
Lennox, Talbot, assignor to McGuire-Cummings Manufacturing Company, Chicago, Ill. Car-door hook.....	874,689	Dec. 24	4881	1026	131	2050
Lent, Orlando D., Peekskill, N. Y. Window-ventilator.....	864,176	Aug. 27	3228	894	129	3179
Lenthiér, Benjamin, Boston, Mass. Fly-trap.....	862,079	July 30	5832	1617	129	2027
Lentz, Frederick G., Langhorne, Pa. Machine for punching a jacquard-card.....	858,521	July 2	271	66-7	129	97
Lentz, Horace D., Mauch Chunk, Pa. Card-album.....	868,458	Oct. 15	1955	546	130	1950
Lentz, Hugo, Berlin, Germany. Turbine-engine.....	846,928	Mar. 12	2444	535	127	651
Lentz, Hugo, Berlin, Germany. Combined air and gas admission valve for explosive-engines.....	847,086	Mar. 12	2738	604	127	722
Lentz, Hugo, Berlin, Germany. Turbine-engine.....	864,315	Aug. 27	3438	956	129	3244
Lentz, Hugo, Halensee, near Berlin, Germany. Valve-gear.....	852,389	Apr. 30	7396	1552	127	3605
Lentz, Hugo, Halensee, near Berlin, Germany, and C. Bellens, Neuilly-sur-Seine, France. Valve-gear.....	875,538	Dec. 31	6578	1374	131	2348
Lentz, Hugo, Halensee, near Berlin, and W. Voit, Berlin, Germany. Inertia-governor.....	874,214	Dec. 17	3926	827-8	131	1862
Lenzi, Tommaso, Jersey City, N. J. Acetylene-gas generator.....	845,560	Feb. 26	5637	1194	126	3308
Leo, Paul, Elizabeth, N. J. Polarity-indicator.....	845,101	Feb. 26	4744	1006	126	3086
Leon, Edward. (See Lothammer and Trocquet, assignors.)						
Leon, Kalman, and A. E. Dowell, Washington, D. C.; said Dowell assignor to said Leon. Fire-escape.....	846,418	Mar. 5	1405	309	127	356
Leon, Karl O., Stockholm, Sweden. Attachment for range-finders.....	840,778	Jan. 8	1986	439-40	126	551
Leonard, Addison H. (See Elliott and Leonard.)						
Leonard, Caleb E., Los Angeles, Cal. Filter.....	872,437	Dec. 3	253	51	131	1208
Leonard, Cameron W., Rockford, Ill. Feed-trough.....	869,441	Oct. 29	3517	966	130	2491
Leonard, Charles A., Eve, Mo. Harness-hook.....	855,464	June 4	43	10	128	1706
Leonard, Charles N., assignor to W. D. Allison, Indianapolis, Ind. Specialist's chair.....	840,348	Jan. 1	1145	248	126	304
Leonard, Charles N., assignor to W. D. Allison, Indianapolis, Ind. Massage-vibrator.....	841,024	Jan. 8	2477	540	126	675
Leonard, David, St. Louis, Mich. Tile-molding machine.....	848,664	Apr. 2	84	19	127	1606
Leonard, David A., Morning Sun, Iowa. Clothes-rack.....	866,489	Sept. 17	2665	745	130	148
Leonard, Gaspar A., Boston, Mass. Attachment for T-squares.....	870,372	Nov. 5	807	214	131	265
Leonard, George. (See Miller, Alexander, assignor.)						
Leonard, Harry W., New York, N. Y. Automatic circuit-breaker.....	845,655	Feb. 26	5820	1230	126	3352
Leonard, Harry W., Bronxville, N. Y. Electric-circuit controller.....	845,656	Feb. 26	5826	1230-2	126	3353
Leonard, Harry W., Bronxville, N. Y. Controller for electric motors and similar devices.....	855,897	June 4	880	182-3	128	1915
Leonard, Harry W., Bronxville, N. Y. Electric resistance device.....	863,293	Aug. 13	1913	517	129	2710
Leonard, Harry W., Bronxville, N. Y. Means for automatically controlling electric motors.....	872,298	Nov. 26	4517	1071-2	131	1123
Leonard, Harry W., Bronxville, N. Y. Electric-circuit controller.....	872,829	Dec. 3	1069	225	131	1336
Leonard, Henry E., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Web-folding machine.....	857,948	June 25	4888	1033	128	3032
Leonard, John J., Springfield, Mass. Metallic hook.....	841,550	Jan. 15	3516	760	126	985
Leonard, John N. (See Mitchell, Albert W., assignor.)						
Leonard, John N., trustee. (See Mitchell, Albert W., assignor.)						
Leonard, John W., and H. E. Brown, Washington, Pa. Friction-clutch.....	861,131	July 23	4343	1190	129	1527
Leonard, John W., and H. E. Brown, Washington, Pa. Gearing.....	870,444	Nov. 5	909	246	131	298
Leonard, Joseph T., Sidney, Ohio. Hair-pin.....	871,422	Nov. 19	2695	684	131	807
Leonard, Nellie M., et al. (See McCord, James, assignor.)						
Leonard, Norris C., Nashville, Tenn. Embroidery-hoop.....	861,471	July 30	4906	1347	129	1740
Leonard, Patrick J., St. Louis, Mo. Non-refillable bottle.....	843,540	Feb. 5	1412	297	126	2145
Leonard, Peter S., St. Louis, Mo., assignor to Draper Company, Hopedale, Mass. Thin-place detector for looms.....	846,801	Mar. 12	2175	478	127	584
Leonard, Seth A., Cleveland, Ohio. Switch for storage batteries.....	842,405	Jan. 29	5306	1125	126	1506
Leonard-Stuart, Charles, New York, N. Y. Roller-mount.....	855,254	May 28	5810	1211	128	1581
Leonard, Thomas, assignor of one-half to A. H. Isbell, Champaign, Ill. Grain-card door.....	854,049	May 21	3421	706	128	944
Leonard, Wilbur A., assignor to Geometric Tool Company, New Haven, Conn. Reversing tap-holder.....	873,441	Dec. 10	2329	489	131	1572
Leonard, William D., York, Pa. Nut-lock.....	840,143	Jan. 1	726	157	126	198
Leonard, William E., Silver Creek, Wash., assignor of one-half to B. Waddingham, Glendive, Mont. Gas-generating apparatus.....	851,360	Apr. 23	5314	1113	127	3050
Leone, Michael A. (See Ciri, Silvio, assignor.)						
Leopold, Frederick B., Evanston, Ill., assignor to Pittsburgh Filter Manufacturing Company, Pittsburgh, Pa. Strainer.....	859,455	July 9	1755	470	129	622
Leopold, Frederick B., Evanston, Ill., and C. A. Brown, Lorain, Ohio; said Leopold assignor to Pittsburgh Filter Manufacturing Company, Pittsburgh, Pa. Apparatus for feeding lime to water.....	857,563	June 18	4123	874	128	2807
Leopold, Frederick B., Evanston, Ill., and C. A. Brown, Lorain, Ohio; said Leopold assignor to Pittsburgh Filter Manufacturing Company, Pittsburgh, Pa. Feeding lime to water.....	857,564	June 18	4125	874	128	2808
Leopold, George O. (See Fegley and Leopold.)						
Leopold, Louis C., Hancock, Iowa. Wagon-brake.....	867,387	Oct. 1	245	71	130	1388
Leopold, Richard. (See Schirmacher and Leopold.)						
Lepley, George, Tiffin, Ohio. Ice-tool.....	846,486	Mar. 12	1544	342	127	422
Lepper, Albert J. (See Caldwell, William T., assignor.)						
Leppert, Henry E., New Britain, assignor to Hart Manufacturing Company, Hartford, Conn. Turn-button for electric switches.....	874,016	Dec. 17	3474	740	131	1796
Leps, Henry M., Grafton, V. Va. Burner for natural gas.....	858,189	June 25	5394	1149	128	3161
Leps, Raymond M. A., Bordeaux, France. Elastic wheel.....	870,831	Nov. 12	1531	419-20	131	530
Lerberg, Frank E., Newark, N. J. Electric-light bulb.....	843,900	Feb. 12	2091	448	126	2350
Lerch, Frank T., Baltimore, Md. Hame-tug fastener.....	844,817	Feb. 19	4194	893	126	2906
Lerch, Frank T., Baltimore, Md. Hame-tug coupling.....	864,100	Aug. 20	3103	858	129	3114
Lerch, Frederick J., and R. M. Kerr, assignors to Mapother, Kerr and Lerch, Louisville, Ky. Combined package seal and fastener.....	872,357	Dec. 3	81	16	131	1180
Lerch, Solomon W., Manasquan, assignor to J. M. Braly, Villapark, N. J. Curbing.....	867,388	Oct. 1	246	71	130	1389
Leroy, William R., Oceanpark, Cal. Lifting-jack.....	845,657	Feb. 26	5834	1232	126	3355
Leroy, William R., Oceanpark, Cal. Chalk holder and guard.....	848,835	Apr. 2	479	93	127	1708
Les Produits Chimique de Croissy (J. Basier & Co.). (See Tixier and Tortel, assignors.)						
Lesar, Moses. (See Loeschner and Lesar.)						
Leser, Edward L. (See White, James L., assignor.)						
Leser, Max, Munich, Germany. Construction for drying walls and neutralizing salt-peter therein.....	859,954	July 16	2524	685-6	129	898
Leshar, Charles A., Soconusco, Mexico, assignor to La Zacualpa Rubber Plantation Company, San Francisco, Cal. Tapping-knife for rubber-trees and the like.....	870,299	Nov. 5	669	179	131	219
Leske, Gustav, Berlin, Germany. Device for disengageable coupling of two objects.....	854,656	May 21	4561	953	128	1233

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Leslie, Alexander. (See Leslie, James W., assignor.)						
Leslie, Alexander. (See Seaver and Leslie.)						
Leslie, Benjamin J., Chicago, Ill. Window.	846,858	Mar. 12	2296	505	127	615
Leslie, James W., Wakefield, Mass. Safety-razor.	869,579	Oct. 29	3748	1025	130	2562
Leslie, James W., Wakefield, assignor to A. Leslie, Boston, Mass. Curtain-ring and traverse-roll therefor.	872,947	Dec. 3	1316	279	131	1374
Lester, James S., Atlanta, Ga. Chair.	544,881	Feb. 19	4309	919	126	2936
Lester, James S., Atlanta, Ga. Hoe.	853,179	May 7	1604	334	128	405
Lester, John E., Beatrice, Nebr. Hydraulic ram.	868,194	Oct. 15	1520	432	130	1820
Lester, Sidney J., Otter Pond, Ky. Pencil-holder.	840,349	Jan. 1	1147	248	126	304
Lestina, Otto, Newport, Ky. Pedal for pianos.	857,638	June 25	4272	902	128	2877
Letombe, Léon A. C., Paris, France. Apparatus for automatically starting explosive-motors or the like.	857,639	June 25	4272	902	128	2877
Letsch, Frederick W., assignor to Ott. Mergenthaler Company, Baltimore, Md. Reamer.	872,522	Dec. 3	441	91	131	1235
Letson, Samuel W., Shreveport, La. Sash-lock.	851,533	Apr. 23	5644	1181	127	3132
Letteri, Charles, Columbus, Ohio. Safety device for steam-boilers.	869,000	Oct. 22	2827	778	130	2251
Letterman, Edmund R., Chicago, Ill. Combined reel-clamp and finger-grip.	858,881	July 2	895	233	129	308
Letts, Benjamin T., Elizabeth, N. J. Lock for manhole-covers.	845,182	Feb. 26	4892	1038	126	3124
Leuchter, August, Brooklyn, N. Y. Producing gelatin forms or molds.	869,311	Oct. 29	3306	910	130	2427
Leuchter, August, Brooklyn, N. Y. Producing gelatin forms or molds.	869,312	Oct. 29	3309	910	130	2427
Leue, Georg, Berlin, Germany. Chute for endless-rope transporting appliances.	867,584	Oct. 8	553	156	130	153
Leuthesser, Fred W., Chicago, Ill. Register name-board.	843,285	Feb. 5	925	188	126	2026
Leuthesser, Fred W., Chicago, Ill. Register name-board.	845,183	Feb. 26	4893	1038	126	3124
Leuthesser, Fred W., Chicago, Ill. Register or name-board.	863,295	Aug. 13	1916	518-19	129	2711
Leuthesser, Fred W., assignor to Monash-Younger Company, Chicago, Ill. Air-valve for radiators.	852,333	Apr. 30	7263	1527	127	3572
Leuthner, Frank X., Buffalo, assignor of one-half to F. Tickner, Hamburg, N. Y. Molding apparatus.	868,607	Oct. 15	2207	614	130	2033
Leuty, Clyde C., Justin, Tex. Disk plow.	848,912	Apr. 2	632	126	127	1750
Leumann, Boesch & Weingart. (See Weingart, Isaac, assignor.)						
Lev, Benjamin, assignor to Eclipse Railway Supply Company, Cleveland, Ohio. Life-guard for motor-cars.	858,461	July 2	147	39	129	49
Lev, Benjamin, assignor to Eclipse Railway Supply Company, Cleveland, Ohio. Car-fender.	868,103	Oct. 15	1398	392	130	1784
Levalley, Christopher W., Milwaukee, Wis. Conveyor.	840,502	Jan. 8	1448	319	126	416
Levasseur, Léon M. J. C., Puteaux, France. Reversing mechanism for explosive-engines.	846,487	Mar. 12	1545	342-3	127	423
Levasseur, Léon M. J. C., Puteaux, France. Hydraulic clutch and change-speed device.	859,087	July 2	1194	322	129	404
Leveque, Pierre N., Lead, S. D. Stamp-mill.	860,307	July 16	3057	837	129	1075
Lever, Dominic. (See Brizzolara, Charles, assignor.)						
Levering, Richmond, New York, N. Y. Gas-engine.	854,096	May 21	3526	727	128	971
Levi, Bernhard, New York, N. Y. Artificial floral decoration.	847,669	Mar. 19	3928	857	127	1052
Levin, David R., Chicago, Ill. Sheet-metal-stamping die.	869,916	Nov. 5	59	18	131	20
Levin, Morris, assignor of one-half to L. Lustig and S. Weil, New York, N. Y. Brake.	862,829	Aug. 6	1198	322	129	2449
Levin, Nathan, St. Louis, Mo. Revolving tooth-brush.	860,394	July 16	3194	873	129	1119
Levin, Nils D., assignor to Goodman Manufacturing Company, Chicago, Ill. Electric haulage system.	862,080	July 30	5833	1618	129	2027
Levin, Nils D., assignor to Goodman Manufacturing Company, Chicago, Ill. Resilient approach for rack-rails.	862,081	July 30	5835	1619	129	2028
Levin, Nils D., assignor to Goodman Manufacturing Company, Chicago, Ill. Locomotive.	873,442	Dec. 10	2330	490	131	1573
Levin, Samuel, Highland Park, Ill. Stylus for sound-reproducing machines.	870,300	Nov. 5	670	179	131	219
Levine, John A., Chicago, Ill. Clothes-line reel.	860,551	July 16	3419	940	129	1195
Levingston, Aaron, Kansas City, Mo. Pen or pencil point protector.	866,148	Sept. 17	2177	607	130	742
Levison, Hannah V., New York, N. Y. Hat-fastener.	852,125	Apr. 30	6909	1443	127	3484
Levitas, Sarah, New York, N. Y. Suspensory device for garters, &c.	842,893	Feb. 5	99	24	126	1816
Levy, Abraham B. (See Bleo, John H., assignor.)						
Levy, Alfred J., assignor of one-half to M. Levy, St. Louis, Mo. Button.	849,740	Apr. 9	2194	452	127	2181
Levy, Charles, New York, N. Y. Drapery-supporting device.	851,678	Apr. 30	5962	1246	127	3241
Levy, Charles M., New York, N. Y. Ring.	840,946	Jan. 8	2324	511	126	634
Levy, Henry B., New York, N. Y. Pocket-clip for fountain-pens.	845,467	Feb. 26	5476	1160	126	3268
Levy, Henry B., New York, N. Y. Fountain-pen.	854,226	May 21	3789	782	128	1040
Levy, Henry H., New York, N. Y. Table.	856,788	June 11	2644	544	128	2398
Levy, John V., Galveston, Tex. Stirrup.	841,793	Jan. 22	4024	869	126	1148
Levy, Joseph L., New York, N. Y. Metallic car.	863,615	Aug. 20	2392	657-8	129	2891
Levy, Joseph L., New York, N. Y., assignor, by mesne assignments, to J. G. Brill Company, Philadelphia, Pa. Sand-box.	870,111	Nov. 5	360	101	131	120
Levy, Leopold, et al. (See Marcus, André, assignor.)						
Levy, Max, Philadelphia, Pa. Screen or grating.	875,191	Dec. 31	5906	1231	131	2239
Levy, Montefiore. (See Levy, Alfred J., assignor.)						
Levy, Simon, Youngstown, Ohio. Garment-holder.	855,956	June 4	988	206	128	1943
Lewicki, Taddäus, Warsaw, Russia, assignor to C. Hannig, Frankenstein, Silesia, Germany. Clarifier.	853,704	May 14	2697	555	128	728
Lewin, Maurice S., Philadelphia, Pa. Puzzle.	859,392	July 9	1677	447	129	596
Lewin, Walter W., Parkersburg, W. Va. Well-packer.	867,735	Oct. 8	769	215	130	1567
Lewis, Abram T., Rock Rapids, Iowa. Wall brace or tie.	840,071	Jan. 1	562	122	126	149
Lewis, Allie M., Terre Haute, Ind. Railway frog-switch.	850,600	Apr. 16	3946	824	127	2671
Lewis, Andrew L., Petersburg, Va. Sliding door.	846,324	Mar. 5	1196	264	127	302
Lewis, Anna L., New Orleans, La. Grater-guard.	851,002	Apr. 23	5795	1211	127	3170
Lewis, Arthur M., assignor to International Sprinkler Company, Philadelphia, Pa. Sprinkler-head.	868,459	Oct. 15	1957	546	130	1951
Lewis, Benjamin M., Reno, Nev. Automatic gas-regulating valve.	861,038	July 23	4211	1153	129	1482
Lewis, Bennett F., Longview, Tex. Collapsible crate.	867,889	Oct. 8	1015	289	130	16.3
Lewis Blind Stitch Machine Company. (See Beals, Frederick W., assignor.)						
Lewis Blindstitch Machine Company. (See Lewis, John G., assignor.)						
Lewis, Charles O., Fayette, Mo. Divided bed.	861,868	July 30	5507	1520	129	1925
Lewis, Clarence B., Los Angeles, Cal. Pie-cutter.	850,022	Apr. 9	2694	566	127	2307
Lewis, Daniel and K., Buffalo, N. Y. Cooking-pan.	861,297	July 30	4616	1262	129	1652
Lewis, Dean C., Philadelphia, Pa. Steering appliance.	851,534	Apr. 23	5045	1181	127	3132
Lewis, Edward, Steelton, assignor to Pennsylvania Steel Company, Philadelphia, Pa. Tongue-switch.	869,580	Oct. 29	3750	1026	130	2562
Lewis, Edward C., et al. (See Smith, Fred P., assignor.)						
Lewis, Edward D., Elmira, N. Y., assignor to Lewis Motor & Crane Company. Controlling mechanism for electric motors.	872,289	Nov. 26	4499	1068	131	1120

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Lewis, Edwin W., and J. S. Unger, Munhall, assignors to Carnegie Steel Company, Pittsburgh, Pa. Finishing armor-plate.....	874,604	Dec. 24	4713	990	131	2022
Lewis, Elias, Denver, Colo. Device for sharpening rock-drills.....	866,041	Sept. 17	2017	562-3	130	690
Lewis, Elizabeth C., Oak Grove, Ala. Pot-cleaner.....	857,527	June 18	4043	860	128	2789
Lewis, Fitz J., Empire, Panama. Excavating-machine.....	856,965	June 11	2960	620	128	2475
Lewis, Frank M., Brighton, England. Electromotor of the induction type.....	854,296	May 21	3904	805	128	1070
Lewis, Florence A., Shadypoint, Ind. Ter. Floor-cleaning machine.....	870,633	Nov. 12	1208	327	131	428
Lewis, Frederick, Fairbanks, Alaska. Thawing-point.....	850,023	Apr. 9	2695	566	127	2307
Lewis, Frederick P., <i>et al.</i> (See Morris, Thomas M., assignor.)						
Lewis, George, and D. A. Smith, Alto Pass, Ill. Pressure-tank.....	873,671	Dec. 10	2768	587	131	1649
Lewis, George D. (See Lewis, Robert S. and G. D.)						
Lewis, George E., Plymouth, Pa. Lifting-jack.....	861,373	July 30	4748	1297	129	1094
Lewis, George L., Edgewood, and J. R. Frankenberg, Pittsburgh, Pa. Gas-regulator.....	874,017	Dec. 17	3476	740	131	1796
Lewis, Gersham E., assignor of one-half to W. H. Hess, Dewey, Okla. Attachment for bean-harvesters.....	875,275	Dec. 31	6063	1265	131	2265
Lewis, Harry, New York, N. Y. Hammer.....	850,024	Apr. 9	2696	566	127	2308
Lewis, Harry E., Columbus, Ohio. Machine for fastening crown-stays in boilers.....	863,074	Aug. 13	1573	424	129	2605
Lewis, Harry H. (See Bare, Reuben H., assignor.)						
Lewis, Henry H., Louisville, Ky. Depilatory instrument.....	853,096	May 7	1463	306	128	370
Lewis, Herman J. S., New York, N. Y. Soap-dispenser.....	849,741	Apr. 9	2195	452	127	2181
Lewis, Herman J. S., assignor to J. H. Dale, New York, N. Y. Electric switch.....	843,901	Feb. 12	2091	449	126	2350
Lewis, Herman J. S., assignor to J. H. Dale, New York, N. Y. Multiple electric switch.....	843,902	Feb. 12	2096	449	126	2351
Lewis, Herman J. S., assignor of one-half to J. H. Dale, New York, N. Y. Starter for explosion-motors.....	874,913	Dec. 24	5344	1117-18	131	2122
Lewis, Jacob O., Chicago, Ill. Vehicle-spring.....	865,505	Sept. 10	1167	332	130	385
Lewis, Jacob O., Chicago, Ill. Vehicle-spring.....	865,599	Sept. 10	1317	373	130	429
Lewis, James A., Walpole, Mass. Separable fastening device.....	860,679	July 23	3644	998	129	1302
Lewis, James E., Steelton, Pa. Railway-frog.....	862,645	Aug. 6	914	245	129	2367
Lewis, Jay C., Cleveland, Ohio. Carbureter.....	866,490	Sept. 17	2666	745	130	897
Lewis, Jesse A., Elgin, Nebr. Dental engine.....	850,661	Apr. 16	3947	825	127	2671
Lewis, John E., Brackenridge, assignor to H. E. Sheldon, Pittsburg, Pa. Sheet-metal grinding and polishing machine.....	862,341	Aug. 6	381	104-5	129	2202
Lewis, John G., assignor to Lewis Blindstitch Machine Company, St. Louis, Mo. Sewing-machine.....	852,967	May 7	1224	251-2	128	311
Lewis, John G., assignor to Lewis Blindstitch Machine Company, St. Louis, Mo. Sewing-machine.....	862,830	Aug. 6	1198	322-4	129	2450
Lewis, John H. (See Bowman, Lucien W., assignor.)						
Lewis, Joseph D., St. Paul, Minn. Eyeglasses.....	841,026	Jan. 8	2479	540	126	675
Lewis, Joseph W., assignor of one-half to J. E. Phillips, Daingerfield, Tex. Clothes-pin.....	870,040	Nov. 5	262	72	131	90
Lewis, Katharine. (See Lewis, Daniel and K.)						
Lewis, Lester L. (See Gifford, Arthur L., assignor)						
Lewis, Lewis C., assignor to Monarch Manufacturing Company, Columbus, Ohio. Water-motor.....	842,406	Jan. 29	5308	1125	126	1506
Lewis, Lewis C., assignor to Monarch Manufacturing Company, Columbus, Ohio. Motor for washing-machines.....	856,270	June 11	1599	334	128	2132
Lewis, Lewis C., assignor to Monarch Manufacturing Company, Columbus, Ohio. Pump-cylinder for water-lifts.....	862,489	Aug. 6	654	175-6	129	2291
Lewis, Lewis C., assignor to Monarch Manufacturing Company, Columbus, Ohio. Cock.....	865,506	Sept. 10	1167	332	130	385
Lewis, Lewis C., assignor to Monarch Manufacturing Company, Columbus, Ohio. Water-motor.....	870,112	Nov. 5	361	102	131	120
Lewis, Lewis C., assignor to Monarch Manufacturing Company, Columbus, Ohio. Stop and waste valve.....	870,113	Nov. 5	363	102	131	121
Lewis, Lute L., Tulsa, Ind. Ter. Rotary engine.....	868,104	Oct. 15	1400	392	130	1784
Lewis, Lynn R. (See Main, Marvin D., assignor.)						
Lewis Motor & Crane Company. (See Lewis, Edward D., assignor.)						
Lewis, Oliver E., Benson, Nebr. Wire-stretcher.....	845,102	Feb. 26	4745	1007	126	3086
Lewis, Oliver E., Ulysses, Nebr., assignor of one-half to J. B. Simpson, Washington, D. C. Wire-clamp.....	862,082	July 30	5836	1619	129	2028
Lewis, Percy E., assignor of one-fourth to L. C. Franck, Johannesburg, Transvaal. Instrument for surveying bore-holes.....	845,875	Mar. 5	293	60	127	75
Lewis Publishing Company. (See Goeb, Rudolph W., assignor.)						
Lewis, Ransome T., Elmira, N. Y. Metal structural work.....	842,894	Feb. 5	100	24	126	1816
Lewis, Raymond W., Findlay, Ohio. Check-valve.....	852,334	Apr. 30	7266	1527	127	3572
Lewis, Robert H., assignor of one-half to F. E. Harvey, Hartford, Conn. Eyeglass-frame.....	861,741	July 30	5306	1463	129	1863
Lewis, Robert S. and G. D., Russell, Iowa. Hay-stacker.....	856,966	June 11	2962	621	128	2476
Lewis, Samuel, Meridian, Miss. Coat.....	846,581	Mar. 12	1748	386-7	127	473
Lewis, Samuel, Rochester, N. Y. Buttonhole-cutting machine.....	858,190	June 25	5396	1149	128	3161
Lewis, Samuel H., Portsmouth, Va. Metal-cutting machine.....	849,147	Apr. 2	1089	219	127	1867
Lewis, Sherman T., Milwaukee, Wis., assignor of two-thirds to R. P. Davenport and E. C. Rockwell, Chicago, Ill. Variable-speed gear.....	856,967	June 11	2966	621	128	2477
Lewis, Stephen M., Pittsburg, Kans. Pencil-holder.....	874,215	Dec. 17	3928	828	131	1862
Lewis, Sylvester G., St. Louis, Mo., assignor to Banana Food Products Company. Evaporating apparatus.....	856,478	June 11	2058	423	128	2250
Lewis, Sylvester G., St. Louis, Mo., assignor to Banana Food Products Company. Evaporator.....	856,479	June 11	2059	424	128	2250
Lewis, Walter J., St. Louis, Mo. Comb-honey section.....	869,917	Nov. 5	61	18	131	21
Lewis, Wilfred. (See Tabor and Lewis.)						
Lewis, Wilfred, Philadelphia, Pa. Counterbalance.....	841,161	Jan. 15	2771	604-5	126	794
Lewis, Wilfred, assignor to Tabor Manufacturing Company, Philadelphia, Pa. Lubricator for pneumatic engines.....	841,162	Jan. 15	2774	605	126	794
Lewis, Wilfred, Philadelphia, Pa., assignor to Tabor Manufacturing Company, Camden, N. J. Pneumatic vibrator or hammer.....	850,592	Apr. 16	3795	792	127	2631
Lewis, Willard I., Walpole, assignor to H. M. Plimpton, Norwood, Mass. Signature-gathering machine.....	868,195	Oct. 15	1522	432-3	130	1821
Lewis, William H., Sylvester, Ga. Rail-splice.....	858,882	July 2	896	233	129	308
Lewis, William H., Rome, N. Y. Folding pocket coat and hat hook.....	874,412	Dec. 24	4335	912	131	1961
Lewis, William H., Roanoke, Va., assignor of one-half to J. J. McCarthy, Chicago, Ill. Brake.....	851,892	Apr. 30	6394	1335	127	3355
Lewis, William T., Columbus, Ohio. Means for converting reciprocating into rotary motion.....	858,731	July 2	639	168	129	221
Lewitz, Reinhold, New York, N. Y. Flying-machine.....	856,073	June 4	1189	252-3	128	1904
Leydori, Henry C., Perrysburg, Ohio. Water-heater.....	861,374	July 30	4749	1297	129	1694
Leykauf, John J., and A. Barth, Milwaukee, Wis. Culinary utensil.....	857,812	June 25	4622	979	128	2067
Leyland, John W. (See Leyland, William and J. W.)						
Leyland, William and J. W., New York, N. Y. Lubricator.....	851,359	Apr. 23	5312	1112	127	3050

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Leyland, William and J. W., New York, N. Y. Lubricator.....	873,319	Dec. 10	2101	439	131	1531
Leyner, John G., Denver, Colo. Multiple-hammer-piston rock-drilling engine.....	843,159	Feb. 5	648	136-7	126	1959
Leyner, John G., Denver, Colo. Air-compressor and intercooler.....	849,333	Apr. 2	1423	287-8	127	1950
Leyner, John G., Denver, Colo. Fluid-controlled clutch.....	875,192	Dec. 31	5907	1231	131	2239
Leys, James D. (See Klemm, Hermann A., assignor.)						
Leys, James D., <i>et al.</i> (See Mahoney, Joseph N., assignor.)						
Lheure, Louis, Paris, France. Priming of explosives.....	868,876	Oct. 22	2629	727	130	2188
Lheure, Louis, Paris, France. Manufacture of fuses for mines.....	869,219	Oct. 22	3144	867	130	2349
Libbey Glass Company. (See Nolan, Cornelius J., assignor.)						
Libbman, Louis, Everett, Mass. Joint for sheet-metal vessels.....	851,815	Apr. 30	6236	1300	127	3314
Libby, Charles T. (See Babcock, George G., assignor.)						
Libby, Charles T., Portland, Me. Linotype-machine.....	846,584	Mar. 12	1754	388	127	475
Libby, Charles T., and G. G. Babcock, Portland, Me.; said Babcock assignor to said Libby. Linotype-machine.....	873,251	Dec. 10	1953	408-9	131	1508
Libby, Dorville, Jr., assignor to Sunset Automobile Company, San Francisco, Cal. Gas-engine.....	870,240	Nov. 5	577	155	131	189
Libby, Edward D., Westbrook, Me. Roll-stand for spinning-frames.....	840,779	Jan. 8	1992	440	126	551
Libby, Frederick A. (See Young and Libby.)						
Libby, Henry F., Boston, Mass. Tool-guide.....	859,955	July 16	2525	686	129	899
Libby, Sam H., East Orange, N. J., assignor to Sprague Electric Company. Grab-bucket hoist apparatus.....	872,523	Dec. 3	442	92	131	1233
Libby, Sam H., and I. F. Baker, East Orange, N. J., assignors to Sprague Electric Company. Hoist-controller.....	872,524	Dec. 3	445	92	131	1236
Liberty, Emery, assignor of one-half to D. Nevius, New York, N. Y. Teller's window.....	848,755	Apr. 2	264	53-4	127	1654
Liberty, Emery, assignor of one-half to D. Nevius, New York, N. Y. Teller's window.....	848,756	Apr. 2	268	54	127	1655
Liberty, Jerry C., assignor of one-half to T. F. Lynn, Easthampton, Mass. Skirt-hanger.....	858,298	June 25	5581	1193	128	3209
Liberty Manufacturing Company. (See Mills, Conn, and Van Ormer, assignors.)						
Libey, Charles N., Lima, Ind. Mail-carrying apparatus.....	844,526	Feb. 19	3366	726	126	2705
Libhart, Hugh P., assignor of one-half to H. Edwards, Troup, Tex. Plastic fence-post.....	847,513	Dec. 24	4546	954	131	1992
Library Bureau. (See Hunter, David E., assignor.)						
Lichte, William, Bigspring, Mo. Loading-frame.....	848,474	Mar. 26	5522	1203	127	1480
Lichtenstadt, Charles, Chicago, Ill. Apparatus for rewinding fabrics.....	847,418	Mar. 19	3407	745-7	127	918
Lichtenstein, Morris. (See Rosenthal, Julius, assignor.)						
Lichtenstein, Solomon K., trustee. (See Lispenard, George, assignor.)						
Lichtig, William B., New York, N. Y. Washboard.....	843,469	Feb. 5	1242	260	126	2104
Liddell, John G., East Walpole, Mass. Pipe-joint.....	872,358	Dec. 3	82	16-17	131	1181
Liddell, Thomas W., Auson, Wis. Snow-plow.....	849,633	Apr. 9	2017	414	127	2137
Liden, Gustav W., New York, N. Y. Electric switch.....	847,087	Mar. 12	2740	605	127	722
Lidgerwood Manufacturing Company. (See Miller and Wachter, assignors.)						
Lidseen, Gustave, and L. L. Blake, Chicago, Ill.; said Lidseen assignor to said Blake. Speed-governor.....	866,795	Sept. 24	3135	883	130	1079
Liebert, John F., Bankstown, near Sydney, New South Wales, Australia. Multiple pump.....	848,836	Apr. 2	479	94	127	1709
Lieberich, Heinrich, Neustadt-on-the-Hardt, Germany, assignor to L. Lieberich Sohne, G. M. B. H. Filter.....	846,582	Mar. 12	1749	387	127	473
Lieberich Sohne, G. M. B. H., L. (See Lieberich, Heinrich, assignor.)						
Lieberknecht, William C. (See Drummond and Lieberknecht.)						
Liebert, Henry, Milnrow, England. Control and copying device for machine-tools.....	845,305	Feb. 26	5156	1094	126	3190
Liebert, Morris A., New York, N. Y. Horseshoe.....	865,507	Sept 10	1168	332	130	385
Liebeskind, Charles K., New York, N. Y. Automobile-cap.....	853,809	May 14	2902	597	128	778
Liebhart, Jacob E., Toluca, Cal. Combined hay buck and stacker.....	853,557	May 14	2388	497	128	645
Liebig, William G., Detroit, Mich. Brush-making machine.....	845,959	Mar. 5	483	99-100	127	125
Liebig, William G., Detroit, Mich. Brush-making machine.....	846,583	Mar. 12	1750	387-8	127	474
Liebig, William G., Detroit, Mich. Supporting-table for boring holes in brush-backs.....	869,313	Oct. 29	3312	911	130	2428
Liebig, William G., Detroit, Mich. Staple-forming machine.....	870,114	Nov. 5	364	102-3	131	121
Liebknecht, Otto, Frankfurt-on-the-Main, Germany, assignor to Roessler & Hasslacher Chemical Company, New York, N. Y. Manufacturing sodium perborate.....	842,470	Jan. 29	5466		126	1548
Liebknecht, Otto, Frankfurt-on-the-Main, Germany, assignor to Roessler & Hasslacher Chemical Company, New York, N. Y. Making alkali perborates.....	842,471	Jan. 29	5467		126	1549
Liebknecht, Otto, Frankfurt-on-the-Main, Germany, assignor to Roessler & Hasslacher Chemical Company, New York, N. Y. Making alkali perborates.....	842,472	Jan. 29	5468		126	1549
Liebknecht, Otto, Frankfurt-on-the-Main, Germany, assignor to Roessler & Hasslacher Chemical Company, New York, N. Y. Making alkali perborates.....	842,473	Jan. 29	5469		126	1549
Liebknecht, Otto, Frankfurt-on-the-Main, Germany, assignor to Roessler & Hasslacher Chemical Company, New York, N. Y. Making calcium peroxid.....	847,670	Mar. 19	3929		127	1053
Liebold, Richard, Berlin, Germany. Manufacture of waterproof and non-exuding cements.....	847,015	Mar. 12	2596		127	689
Liebscher, Rudolf, Tröbitz, near Dobrilugk Grube Hansa, Germany. Apparatus for cleaning the tubes and joint-pipes of water-gages.....	858,663	July 2	533	137	129	185
Lied, Ole S., Christiania, Norway. Igniting and extinguishing device for gas-burners.....	856,534	June 11	2154	444	128	2272
Lienhard, Robert A., La Chaux-de-Fonds, Switzerland. Engraving-machine.....	840,570	Jan. 8	1592	350	126	451
Liening, Joseph, Leer, Germany. Machine for making cement roofing-tiles.....	844,602	Feb. 19	3751	789-90	126	2793
Liese, George, Denver, Colo. Folding bed.....	858,402	July 2	61	17	129	22
Lieskar, Paul, Drøntheim, Norway. Brush-attaching device.....	866,149	Sept. 17	2178	607	130	742
Liessem, Gottfried, and J. Bommer, San Francisco, Cal. Bottle-stopper.....	847,994	Mar. 19	4606	1010	127	1211
Lieth, Diederich von der, New York, N. Y. Apparatus for preserving fruit, &c.....	861,594	July 30	5086	1395	129	1799
Lietzow, Frederick W., Chicago, Ill. Telegraph and cable cipher-code.....	850,091	Apr. 9	2827	592-3	127	2340
Life-Saving Folding Canvas Boat Company. (See Perring, Ira O., assignor.)						
Liggett, William K., assignor of one-half to W. T. Guy, Columbus, Ohio. Machine for making worm and spiral gear.....	858,081	June 25	5188	1100-1	128	3109
Lightbody, James A., Waterville, Me. Brake-rigging.....	842,474	Jan. 29	5470	1159	126	1549
Lightford, William L., assignor to J. O. Sloan, Indianapolis, Ind. Fare-register.....	842,475	Jan. 29	5471	1159	126	1550
Lightford, William L., assignor to J. O. Sloan, Indianapolis, Ind. Fare-register.....	842,476	Jan. 29	5474	1159	126	1550
Lighthiser, Charles H. (See Kromm, Louis H., assignor.)						
Lightner, Henry L., assignor of two-thirds to W. Priest and H. Feige, San Francisco, Cal. Concentrator.....	851,426	Apr. 23	5442	1139-40	127	3084
Lightner, Henry L., assignor of two-thirds to W. Priest and H. Feige, San Francisco, Cal. Amalgamator.....	841,990	Jan. 22	4410	951	126	1240
Ligon, Bedford D., and W. E. Jennings, Robard, Ky. Plow.....	840,780	Jan. 8	1993	440	126	552
Lihme, Iens P., assignor to Grasselli Chemical Company, Cleveland, Ohio. Acid cooling and generating chamber.....	852,390	Apr. 30	7397	1552	127	3605
Likly, William C., and J. J. Cannan, assignors to Henry Likly & Company, Rochester, N. Y. Wardrobe-trunk.....	849,334	Apr. 2	1427	288-9	127	1951
Likly, William C., and J. J. Cannan, assignors to Henry Likly & Company, Rochester, N. Y. Garment-support for trunks.....	851,535	Apr. 23	5647	1182	127	3132
Lile, George E. and J. A., Cloverdale, Cal. Harness plow attachment.....	850,025	Apr. 9	2697	566	127	2308

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Lile, Joseph A. (See Lile, George E., and J. A.)						
Lile, William, Venice, Ill. Trolley-pole-controlling device.....	858,732	July 2	640	168	129	221
Lilienberg, Nils H. O., Philadelphia, Pa. Apparatus for compressing steel ingots.....	872,830	Dec. 3	1078	225-7	131	1337
Lilienberg, Nils H. O., Philadelphia, Pa., assignor of one-half to B. Stoughton, New Haven, Conn. Ingot-casting machine.....	839,861	Jan. 1	111	27-8	126	32
Lillard, La Fayette, Bootjack, Cal. Extracting butter from cream.....	859,823	July 9	2307	627	129	800
Lillard, La Fayette, Bootjack, Cal. Pneumatic butter-separator.....	863,859	Aug. 20	2752	756	129	3006
Lilley, Florence M., Ealing, England. Spreading device for apparel-collars.....	847,485	Mar. 19	3536	774	127	951
Lilley, John R., Coatesville, Pa. Coupling.....	845,243	Feb. 26	5016	1066	126	3156
Lillie, Orville C., Conneaut, Ohio. Tooth-brush.....	867,062	Sept. 24	3547	1005	130	1205
Lillie, Orville C., assignor, by mesne assignments, of three-tenths to G. M. Whitney, Conneaut, Ohio. Rotary tooth-brush.....	867,063	Sept. 24	3548	1005	130	1205
Lillow, Charles E., assignor to Cleveland Ladder-Scaffold Company, Cleveland, Ohio. Scaffold.....	840,636	Jan. 8	1711	376-7	126	482
Lilly, John. (See Cartland and Lilly.)						
Limacher, Pius F., Los Angeles, Cal. Device for cutting moldings.....	854,297	May 21	3906	806	128	1070
Limbacher, Jacob, Newark, N. J. Bag.....	852,729	May 7	714	139	128	188
Limberg, William H., Plymouth, Wis. Silo.....	848,110	Mar. 26	4833	1055	127	1307
Limberg, William H., Plymouth, Wis. Mold for making solid concrete silos.....	857,474	June 18	3937	837	128	2761
Limoneria Company <i>et al.</i> (See Teague, Charles C., assignor.)						
Limnorg, Christina, Galeton, Pa. Guiding and marking device for sewing-machines.....	874,777	Dec. 24	5052	1064	131	2079
Lincoln Company. (See Lincoln, John C., assignor.)						
Lincoln, Edwin S., Brookline, Mass. Line-tester.....	874,690	Dec. 24	4882	1027	131	2050
Lincoln Electric Company. (See Cochran, Samuel, assignor.)						
Lincoln, John C., East Cleveland, assignor to Lincoln Company, Cleveland, Ohio. Variable-speed electric motor.....	847,088	Mar. 12	2742	605	127	723
Lincoln, Leo B., assignor to H. Ames, Chicago, Ill. Puzzle.....	840,144	Jan. 1	726	157	126	198
Lincoln, Robert E., Jersey City, N. J. Speed-changing gearing.....	854,747	May 28	4770	991	128	1317
Lincoln, Robert E., Jersey City, N. J. Variable-speed transmission.....	857,081	June 18	3206	674	128	2578
Lincoln, Robert E., Jersey City, N. J. Variable-speed transmission mechanism.....	859,393	July 9	1678	447	129	596
Lind, Harvey E., Kent, Ohio. Car-repairing device.....	865,508	Sept. 10	1170	332	130	386
Lindall, John, Boston, Mass. Brush-holder for motors and generators.....	848,182	Mar. 26	4945	1080	127	1336
Lindauer, Jules, Paris, France. Corset.....	866,869	Sept. 24	3248	913	130	1113
Lindauer, Jules, Paris, France. Corset.....	868,196	Oct. 15	1528	433	130	1822
Lindauer, Jules, Paris, France. Corset.....	873,443	Dec. 10	2331	490	131	1573
Lindberg, Charles, Duluth, Minn. Tobacco-pipe.....	843,343	Feb. 5	1029	212	126	2050
Lindberg, Hokan S. (See Kearns, John E., assignor.)						
Lindburg, Joseph. (See Scherer and Lindburg.)						
Linde, Charles W., Slater, Colo. Flash-boiler.....	867,281	Oct. 1	80	24	130	1338
Lindeman, Charles A., Chicago, Ill. Harp-action.....	843,470	Feb. 5	1243	260	126	2104
Lindemann, August, New York, N. Y. Filter.....	858,610	July 2	429	112	129	152
Linden, Heinrich, Bensberg, Germany. Child's chair.....	841,700	Jan. 22	3829	832	126	1097
Linden, John O., Prophetstown, Ill., assignor to International Harvester Company. Fertilizer-spreader.....	844,374	Feb. 19	3041	649-51	126	2626
Linden, John O., Chicago, Ill., assignor to International Harvester Company. Fertilizer-spreader.....	868,789	Oct. 22	2503	690-1	130	2150
Lindenberg, Frank H., Columbus, Ohio. Closet-tank.....	870,832	Nov. 12	1534	421	131	530
Lindenberg, Frank H., Columbus, Ohio. Closet-seat.....	870,833	Nov. 12	1535	421	131	530
Lindenberg, Frank H., and C. B. Delany, assignors to Columbus Brass Company, Columbus, Ohio. Flush-tank.....	853,705	May 14	2699	556	128	728
Lindschmidt, Joseph B., Evansville, Ind. Iron-fence construction.....	853,810	May 14	2904	597	128	778
Lindenstamm, Emile S. E. von, Vienna, Austria-Hungary. Fluid-pressure suction apparatus.....	842,100	Jan. 22	4616	990	126	1289
Lindenthal, Gustav, New York, N. Y. Car-truck.....	844,150	Feb. 12	2551	547-8	126	2463
Lindenthal, Gustav, New York, N. Y. Car-truck equipment.....	844,151	Feb. 12	2556	548	126	2465
Linder, Fritz, Sr. (See Egersdörfer, Fritz, assignor.)						
Linder, Garry H. (See Heinrich, Peter, assignor.)						
Linder, Leopold S., Mankato, Minn. Registering means for fowls.....	843,023	Feb. 5	374	82	126	1886
Linder, Walter W., Charlotte, N. C. Loom.....	866,491	Sept. 17	2668	746	130	897
Linderman, Frank M., Chicago, Ill. Belt-splicing implement.....	843,344	Feb. 5	1030	212	126	2050
Linderoth, Martin, Newark, N. J. Sandpaper-holder.....	872,568	Dec. 3	531	111	131	1249
Lindors, Olaf E., Fruita, Colo. Pumping-motor.....	846,750	Mar. 12	2072	455	127	557
Lindors, Olaf E., Fruita, Colo. Fruit-picker.....	857,475	June 18	3939	837	128	2761
Lindgren, August, Moline, Ill., assignor to Moline Plow Company. Plow.....	840,350	Jan. 1	1148	249	126	304
Lindgren, August, Moline, Ill., assignor to Moline Plow Company. Plowshare.....	860,308	July 16	3058	837	129	1075
Lindgren, Daniel A., Waltham, Mass. Pendant winding and setting watch.....	873,564	Dec. 10	2580	543	131	1613
Lindgren, Erick W., Hagalund, near Stockholm, Sweden. Automatic sale-machine for bread and butter.....	855,516	June 4	139	28	128	1729
Lindgren, Erick W., Hagalund, near Stockholm, Sweden, assignor to Aktiebolaget Svenska Automat Fabriken. Apparatus for automatic sale of liquids.....	870,185	Nov. 5	485	133	131	159
Lindholm, Arthur C. (See Dennis and Lindholm.)						
Lindholm, Oscar E., Roy, N. Mex. Ter. Swivel rope-socket for well-drills.....	853,706	May 14	2701	556	128	728
Lindley, Forrest P., New York, N. Y. Motor-bicycle.....	870,834	Nov. 12	1535	421-2	131	530
Lindley, James F., Jr., assignor to T. B. Laycock Manufacturing Company, Indianapolis, Ind. Display-rack for bedsteads.....	858,733	July 2	642	169	129	222
Lindmark, Tore G. E., Stockholm, Sweden. Steam-meter.....	859,088	July 2	1195	322	129	405
Lindner, Georg, Karlsruhe, assignor to Deutsche Steinzeug Waarenfabrik für Canalisation und Chemische Industrie, Friedrichsfeld, Germany. Cask or vessel from which liquid is discharged under pressure.....	847,792	Mar. 19	4164	909	127	1108
Lindner, John, Waconia, Minn. Boiler.....	872,438	Dec. 3	254	51-2	131	1208
Lindner, John C., Jr., assignor to J. D. Robertson, Buffalo, N. Y. Hanger for pipes and conduits.....	845,799	Mar. 5	131	24	127	37
Lindner, Robert, Dresden, Germany. Valve-gearing and motion for locomotives.....	857,813	June 25	4623	979-80	128	2967
Lindow, Wesley F., Detroit, Mich. Joist-hanger.....	874,514	Dec. 24	4548	955	131	1992
Lindquist, Carl E. (See Pearson and Lindquist.)						
Lindquist, Charles L., Brooklyn, N. Y. Fire-escape.....	874,691	Dec. 24	4884	1027	131	2050
Lindquist, David L., Yonkers, N. Y. Electromagnet.....	863,296	Aug. 13	1919	519	129	2712
Lindquist, Edward W. (See Baggeley, Allen, and Lindquist.)						
Lindsay, Alexander, and J. Meinert, Davenport, Iowa. Mechanical movement.....	857,408	June 18	3810	808	128	2730
Lindsay, Charles L., Spokane, Wash. Hose-holder.....	858,883	July 2	896	234	129	309
Lindsay, Hamilton, assignor to Lindsay Wire Weaving Company, Cleveland, Ohio. Stopping mechanism for wire-loom.....	844,818	Feb. 19	4195	893-4	126	2906
Lindsay, Hamilton, assignor to Lindsay Wire Weaving Company, Cleveland, Ohio. Shuttle.....	844,819	Feb. 19	4197	894	126	2907
Lindsay, Harrison G. O. (See Armatage and Lindsay.)						
Lindsay, Harry M., Baltimore, Md. Book for stamps and the like.....	851,536	Apr. 23	5649	1182	127	3133

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Lindsay, Horace, Brenham, Tex. Cultivator.....	851,537	Apr. 23	5651	1183	127	3133
Lindsay, James W., Riverside, Cal. Combined lock and latch.....	867,585	Oct. 8	554	157	130	1503
Lindsay, John. (See Lindsay, Robert and J.)						
Lindsey, John B., <i>et al.</i> (See Monahan, Thomas M., assignor.)						
Lindsay, John N., Fall Creek, Oreg. Snatch-block.....	847,955	Mar. 19	4521	992	127	1192
Lindsay, Leroy J., Seymour, Iowa. Hay-rake.....	863,192	Aug. 13	1763	473-4	129	2666
Lindsay, Leroy J., Ottumwa, assignor to C. P. Barrickman, Seymour, Iowa. Hay-stacker.....	850,765	Apr. 16	4133	865	127	2714
Lindsay, Leroy J., assignor to C. P. Barrickman, Seymour, Iowa. Hay-stacker.....	851,636	Apr. 23	5852	1223	127	3182
Lindsay, Leroy J., and J. H. Carroll, Seymour, Iowa. Derailing-switch.....	868,197	Oct. 15	1529	433	130	1823
Lindsay, Robert and J., Dunedin, New Zealand. Trolley-pole for conducting electric current to vehicles.....	856,535	June 11	2155	444	128	2273
Lindsay, Sam F. (See Sanborn, Hamilton, assignor.)						
Lindsay, Thomas J., Indianapolis, Ind. Body-support for axles.....	840,781	Jan. 8	1994	440	126	552
Lindsay, Thomas J., Indianapolis, Ind. Steering-spindle.....	840,782	Jan. 8	1995	441	126	552
Lindsay, Thomas J., Indianapolis, Ind. Wheel spindle and axle.....	855,898	June 4	891	183-4	128	1919
Lindsay, Thomas J., Indianapolis, Ind. Friction-brake for vehicles.....	861,298	July 30	4617	1261	129	1652
Lindsay, William C. (See Hauver, Walter H., assignor.)						
Lindsay Wire Weaving Company. (See Lindsay, Hamilton, assignor.)						
Lindsey, George F. (See Williams and Lindsey.)						
Lindsey, John V., Fairfield, Nebr. Heating system for incubators.....	848,313	Mar. 26	5222	1140	127	1406
Lindsey, Joseph B., Lockwood, Mo. Calendar-chart.....	849,251	Apr. 2	1271	258	127	1913
Lindsey, W. B. (See Wilson, Harry, assignor.)						
Lindsey, William, Boston, assignor to Mills Woven Cartridge Belt Company, Worcester, Mass. Cartridge-belt.....	860,395	July 16	3195	873-4	129	1120
Lindsly, Harry C., Kansas City, Mo. Automatic discharging apparatus.....	842,567	Jan. 29	5650	1194-5	126	1589
Lindstrand, Carl G., Bisbee, Ariz. Machine for slag-breaking.....	874,692	Dec. 24	4887	1027-8	131	2051
Lindstrom, Carl A., Seattle, Wash. Elevator.....	855,957	June 4	990	206-7	128	1944
Lindstrom, Carl O., Chicago, Ill. Massage apparatus.....	859,674	July 9	2101	567	129	734
Lindstrom, Carl O., Chicago, Ill. Electric sign.....	868,674	Oct. 22	2321	643	130	2095
Lindström, Charles A., Allegheny, Pa. Safety-clutch for door-operating mechanisms.....	865,714	Sept. 10	1490	421	130	484
Lindström, Charles A., Allegheny, Pa. Safety-clutch for car-door mechanisms.....	865,920	Sept. 10	1825	510	130	600
Lindström, Charles A., Allegheny, Pa. Safety-clutch for car-door-operating mechanisms.....	865,921	Sept. 10	1826	511	130	600
Lindström, Charles A., Allegheny, assignor to Pressed Steel Car Company, Pittsburg, Pa. Carline for railway-cars.....	845,960	Mar. 5	489	100-1	127	126
Lindström, Charles A., Allegheny, assignor to Pressed Steel Car Company, Pittsburg, Pa. Brake-beam.....	847,671	Mar. 19	3930	857	127	1053
Lindström, Charles A., Allegheny, assignor to Pressed Steel Car Company, Pittsburg, Pa. Brake-beam.....	870,186	Nov. 5	487	133	131	159
Lindström, Charles A., Allegheny, assignor to Pressed Steel Car Company, McKees Rocks, Pa. Carline for railway-cars.....	845,961	Mar. 5	490	101	127	127
Lindström, Charles A., Allegheny, and J. F. Streib, Avalon, assignors to Pressed Steel Car Company, Pittsburg, Pa. Car-door-shaft-operating mechanism.....	847,956	Mar. 19	4522	992-3	127	1192
Lindstrom, Conrad, El Campo, Tex. Device for cutting key-seats or the like.....	870,971	Nov. 12	1771	483	131	603
Lindstrom, John A. (See Hill and Lindstrom.)						
Line, Charles H., Vermilion, S. D. Weed-cutting attachment.....	841,794	Jan. 22	4025	869	126	1149
Linen Thread Company. (See Gay, George E., assignor.)						
Lines, Jacob D. (See Spink, Cassius M., assignor.)						
Lineweaver, Henry W., South English, Iowa. Feeding-trough.....	840,003	Jan. 1	399	87	126	108
Lineweaver, Maude E., South English, Iowa. Forehead and ear protector.....	849,548	Apr. 9	1859	378	127	2097
Linfoot, Benjamin E., Philadelphia, Pa. Bottle-washing machine.....	865,192	Sept. 3	652	185	130	198
Linfoot, Ernest E., Philadelphia, Pa. Bottle-and-paper and producing same. (Reissue.)	12,673	July 16	3558	976	129	1239
Linfoot, Ernest E., Philadelphia, Pa. Manifold paper and producing the same.....	871,172	Nov. 19	2131	570	131	723
Linga, Torbjörn, Thor, Iowa. Ditching-machine.....	853,985	May 21	3286	676	128	912
Lingaas, Jens, San Francisco, Cal. Orchard-cultivator.....	873,875	Dec. 17	3205	683	131	1750
Lingemann, Christian, St. Louis, Mo. Egg-tester.....	849,405	Apr. 9	1568	318	127	2024
Lingenfelter, Carl E., assignor to Scully Steel & Iron Company, Chicago, Ill. Beveling-machine.....	870,301	Nov. 5	671	180	131	219
Lingenfelter, Harley. (See Fidler and Lingenfelter.)						
Lingo, Francis. (See Lynch, John, assignor.)						
Lingol, Matt, Telluride, Colo. Combination-auger.....	843,832	Feb. 12	1962	419	126	2320
Link-Belt Company. (See Hetzel, Frederic V., assignor.)						
Link-Belt Company. (See Waechter, Ferdinand F., assignor.)						
Link, George H., Cincinnati, Ohio. Switch-operating mechanism.....	859,824	July 9	2308	627-8	129	801
Link, Lewis W., <i>et al.</i> (See Ryan, William F., assignor.)						
Linker, Moses, New York, N. Y. Bottle-stopper.....	853,097	May 7	1465	306	128	371
Linker, Moses, New York, N. Y. Bottle-stopper.....	865,406	Sept. 10	1001	286	130	333
Linkiewicz, Leopold, and W. Klein, Brooklyn, N. Y. Butter-pat machine.....	840,145	Jan. 1	728	158	126	198
Linklater, Robert J., Buffalo, N. Y. Trousers-hanger.....	846,676	Mar. 12	1940	426	127	524
Linkmeyer, Rudolf, Herford, Germany. Manufacturing glossy cellulose threads.....	842,568	Jan. 29	5652	1195	126	1590
Linkmeyer, Rudolf, Herford, Germany. Manufacture of artificial thread from solutions of cellulose.....	852,126	Apr. 30	6910		127	3484
Linkmeyer, Rudolf, Brussels, Belgium. Manufacture of silk-like threads.....	857,640	June 25	4275		128	2878
Linkmeyer, Rudolf, Brussels, Belgium. Removing copper salts from alkaline liquors.....	866,371	Sept. 17	2513		130	848
Linn, Clyde H., assignor of one-half to C. W. Mali, New Brighton, Pa. Automatic double-flushing siphon.....	860,396	July 16	3196	874	129	1120
Linn, John A., Gayville, S. D. Collar-fastener.....	847,346	Mar. 19	3250	715	127	876
Linn, John A., assignor of one-fourth to A. Dahl, Gayville, S. D. Folding bed attachment.....	861,595	July 30	5087	1396	129	1799
Lintotype and Machinery Limited. (See North, Thomas M., assignor.)						
Linsenmeyer, Charles F., Port Washington, Ohio. Column.....	842,213	Jan. 29	4890	1043	126	1393
Linsley, Samuel E., Winthrop, Minn. Vending-machine.....	862,923	Aug. 13	1333	364	129	2528
Lintern, William, West Park, assignor to Nichols-Lintern Company, Cleveland, Ohio. Means for operating pneumatic valves. (Reissue.)	12,661	June 18	4135	876	128	2809
Linthicum, Frank, Aurora, Mo. Pump.....	856,271	June 11	1600	335	128	2132
Lintner, William T., W. C. Robbins, Mount Vernon, and J. P. Weis, assignors to Manhattan Machine Supply Company, New York, N. Y. Sewing-machine.....	857,082	June 18	3209	674-5	128	2579
Linton, Ernest O., assignor to H. V. Johnson and E. O. Linton Manufacturing Company, Denver, Colo. Siphonic measuring apparatus.....	851,241	Apr. 23	5071	1066-7	127	2988
Linton, Ernest O., assignor of two-thirds to L. Gutsch and D. T. Phalen, Sheboygan, Wis. Liquid-measuring apparatus.....	857,083	June 18	3211	675-6	128	2579
Linton, Joseph, Manchester, Va. Calender-roll and knife-grinding machine.....	840,072	Jan. 1	563	123	126	149
Linze, John W., Jr., Boston, Mass. Concrete-and-metal structure.....	840,571	Jan. 8	1594	350	126	451
Linzler, Hermann, and C. Bischoff, Berlin, Germany. Making non-alcoholic beverages from fermented liquids.....	874,216	Dec. 17	3929	828	131	1862

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Lion Fence Co. (See Bowerfind, Edward J., assignor.)						
Lionais, Emile, and W. T. Sutton, Montreal, Quebec, Canada. Electric signal.	850,766	Apr. 16	4134	865	127	2715
Lipman, Robert, Strassburg, Germany. Construction of iron girders.	866,940	Sept. 24	3352	947	130	1145
Lipp, Louis, Millcreek township, Hamilton county, Ohio. Flushing-tank for water-closets.	848,381	Mar. 26	5354	1166	127	1435
Lippert, Samuel, Cleveland, Ohio. Well pumping and pulling device.	853,180	May 7	1605	334	128	405
Lippert, Samuel, assignor to Reciprocating Power and Pump Company, Cleveland, Ohio. Transmission mechanism.	856,272	June 11	1602	335	128	2132
Lippincott, Fisher H., assignor to Lippincott Pencil Company, Philadelphia, Pa. Pencil.	849,799	Apr. 9	2313	475	127	2212
Lippincott, Fisher H., assignor to Lippincott Pencil Company, Philadelphia, Pa. Pencil.	851,893	Apr. 30	6395	1335	127	3355
Lippincott, Fisher H., assignor to Lippincott Pencil Company, Philadelphia, Pa. Pencil.	853,098	May 7	1466	306	128	371
Lippincott, Fisher H., Philadelphia, Pa., assignor to American Soda Fountain Company, Boston, Mass. Syrup-dispensing apparatus.	857,814	June 25	4626	981	128	2967
Lippincott, John W., Little Rock, Ark. Gas-engine.	851,176	Apr. 23	4932	1037	127	2955
Lippincott Pencil Company. (See Lippincott, Fisher H., assignor.)						
Lippis, John, Coalcreek, Colo. Coal-cutting machine.	862,831	Aug. 6	1205	324	129	2452
Lippis, John, Coalcreek, Colo. Coal-cutting machine.	862,832	Aug. 6	1206	324-5	129	2453
Lippke, John H., Waterbury, and R. M. Babin, Oakville, Conn. Lock safety-pin.	865,786	Sept. 10	1602	453	130	520
Lipps, Emory J., and F. Ott, South Bethlehem, Pa. Thread-finishing machine.	871,999	Nov. 26	3919	945	131	1027
Lipps, William, Shelbyville, Ind. Duplex sash-lock.	875,360	Dec. 31	6238	1301	131	2290
Lippy, David, Mansfield, Ohio. Umbrella.	868,198	Oct. 15	1531	434	130	1823
Lippy, David, and A. Nicodemus, assignors of one-third to A. K. Shauck, Mansfield, Ohio. Valve.	855,517	June 4	141	28	128	1730
Lipschutz, Arthur, St. Louis, Mo. Journal-box lid.	845,800	Mar. 5	133	25	127	37
Lipschutz, Arthur, Chicago, Ill. Freight-car truck.	851,361	Apr. 23	5316	1113-14	127	3051
Lipschutz, Arthur, Chicago, Ill. Bolster.	852,391	Apr. 30	7400	1552	127	3606
Lipschutz, Arthur, Chicago, Ill. Bolster.	852,392	Apr. 30	7401	1553	127	3607
Lipschutz, Arthur, Chicago, Ill. Side frame for car-trucks.	852,968	May 7	1227	252	128	312
Lipschutz, Arthur, Chicago, Ill. Cast-steel side frame for car-trucks.	860,925	July 23	4019	1101	129	1422
Lipschutz, Arthur, Chicago, Ill. Friction draft-gear.	861,742	July 30	5306	1463	129	1863
Lipschutz, Arthur, Chicago, Ill. Car-coupling.	861,869	July 30	5508	1520-1	129	1925
Lipschutz, Arthur, assignor to American Car & Foundry Company, St. Louis, Mo. Passenger-car.	864,477	Aug. 27	3682	1024-6	129	3326
Lipscomb, Abraham B., Yager, Cal. Spike.	866,492	Sept. 17	2668	746	130	898
Lipscomb, Mary A., Eureka, Cal. Sheep-shears.	849,252	Apr. 2	1275	258	127	1914
Lipscond, Julius, assignor of one-third to J. Hodges, Indianola, Miss. Portable desk.	869,918	Nov. 5	61	18	131	21
Liptai, Ludwig, New York, N. Y. Railway appliance.	851,242	Apr. 23	5073	1062	127	2989
Liquid Carbonic Company. (See Koesche, Andrew, assignor.)						
Lisee, John B., Marine City, Mich. Extension-table.	840,783	Jan. 8	1996	441	126	553
Lisk Julius N. and N. J., Troy, Ohio. Grinder.	856,167	June 4	1383	292	128	2042
Lisk Nelson J. (See Lisk, Julius N. and N. J.)						
Liska, Yan, Galetton, Pa. Candy-machine.	851,135	Apr. 23	4824	1017	127	2927
Lispenard, George, assignor to S. K. Lichtenstein, trustee, New York, N. Y. Picker-stem for cotton-harvesters.	860,142	July 16	2811	707	129	995
List, Georg. (See Laska and List.)						
Lister, Charles H. (See Mathews and Lister.)						
Lister, George F. (See Keith and Lister.)						
Lister, Percy, Nottingham, England. Firearm.	839,938	Jan. 1	278	60	126	77
Litaker, Thomas F., Concord, N. C. Earth-auger.	850,533	Apr. 16	3689	771	127	2604
Litchfield, Edgar C. (See Litchfield and Harris.)						
Litchfield, Edgar C., and D. Garst, assignors to Litchfield Manufacturing Company, Waterloo, Iowa. Manure-spreader.	872,000	Nov. 26	3922	945	131	1027
Litchfield, Henry L. and E. C., and J. C. Harris, assignors to Litchfield Manufacturing Company, Waterloo, Iowa. Horse-rake.	862,567	Aug. 6	796	212-13	129	2330
Litchfield, Isaac W., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Pneumatic-despatch-tube apparatus.	861,375	July 30	4751	1298	129	1694
Litchfield, Isaac W., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Pneumatic-despatch-tube apparatus.	862,342	Aug. 6	383	106	129	2203
Litchfield, Isaac W., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Carrier for pneumatic-despatch-tube apparatus.	871,423	Nov. 19	2696	684	131	807
Litchfield, Isaac W., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Terminal for pneumatic-despatch tube apparatus.	873,565	Dec. 10	2582	543-4	131	1613
Litchfield Manufacturing Company. (See Litchfield and Garst, assignors.)						
Litchfield Manufacturing Company. (See Litchfield and Harris, assignors.)						
Litchfield, Walter D., Schenectady, N. Y., assignor to General Electric Company. Apparatus for measuring speed of rotation.	869,442	Oct. 29	3518	966	130	2491
Littinberger, William F., Centralia, Ill. Cistern cut-out and rain-water filter.	861,995	July 30	5693	1580	129	1982
Littauer, Benno, Newark, N. J. Brush.	866,493	Sept. 17	2669	747	130	898
Litterer, Ferd L. (See Reppert, Fruchte, and Litterer.)						
Little, Adelbert P. (See Nixon, Morris B., assignor.)						
Little, Allan F., Kansas City, Mo. Sausage-linking machine.	870,972	Nov. 12	1773	483	131	604
Little, Clarence E., Lynn, Mass., assignor to General Electric Company. Means for securing buckets in turbines.	841,258	Jan. 15	2954	642	126	838
Little & Company, A. E. (See Weeks, Horace A., assignor.)						
Little, Elwin, Granville, Ohio. Base-ball glove or mitten.	874,851	Dec. 24	5182	1091	131	2103
Little, Evangeline C. (See Little, Nathaniel and E. C.)						
Little, George M., Pittsburg, Pa. Preventing the collection of snow and sleet upon car-windows.	868,279	Oct. 15	1661	469	130	1864
Little, Henry C. (See Starnes, Green R., assignor.)						
Little, Homer E. R., New York, N. Y. Storage battery.	870,973	Nov. 12	1776	483	131	605
Little, James. (See Rowell and Little.)						
Little, James E. (See Turner, Dougherty, and Little.)						
Little, James W., Deertrail, Wash. Quick-drop mechanism.	872,071	Nov. 26	4073	976	131	1051
Little, John, Camberwell, near Melbourne, Victoria, Australia. Air and water cooling apparatus.	862,646	Aug. 6	915	245	129	2367
Little, Kirby S., Conover, N. C. Pipe and monkey wrench.	847,419	Mar. 19	3411	747	127	919
Little, Nathaniel and E. C., Ames, Iowa. Collapsible crate.	858,403	July 2	62	18	129	22
Little, Nathaniel J., Fargo, N. D. Sample-case.	866,727	Sept. 24	3036	856	130	1048
Little, Ora T., Ripley, N. Y. Fertilizer-distributor.	875,539	Dec. 31	6579	1374	131	2348
Little, Orton C., Menasha, Wis. Sliding shoe for furniture, &c.	859,234	July 9	1423	378	129	514
Little, Orton C., Menasha, Wis. Door-catch and its locking device.	861,526	July 30	4975	1367	129	1762
Little, Robert A., Buffalo, assignor of two-thirds to E. T. and C. L. Anson, Lockport, N. Y. Feed-regulator for grain-separators.	866,941	Sept. 24	3353	948	130	1145
Little, Robert A., Buffalo, assignor of four-fifths to E. T. and C. L. Anson, Lockport, E. Taft and A. F. Kraft, Buffalo, N. Y. Seed-cleaning mechanism.	866,942	Sept. 24	3354	948-9	130	1146
Little, Robert H., Chicago, Ill. Accounting mechanism.	847,672	Mar. 19	3932	858	127	1053

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Little, Robert H., Chicago, Ill. Vessel.....	860,680	July 23	3645	999	129	1302
Little, Robert H., assignor to Talbot & Holst, Chicago, Ill. Power-transmission mechanism.....	843,286	Feb. 5	927	188	126	2027
Little, Thomas F., Chicago, Ill. Acetylene-gas generator.....	874,970	Dec. 31	5475	1143	131	2166
Little, William J., Newton, Mass. Camera.....	844,152	Feb. 12	2558	549	126	2465
Littlefield, C. W. (See Osborn, Winfield S., assignor.)						
Littlefield, Charles A., New Bedford, assignor to G. O. Draper, Hopedale, Mass. Rotary explosion-motor.....	846,037	Mar. 5	643	135	127	165
Littlefield, Charles E., Jesup, Ga. Seed-planter and fertilizer-distributor.....	856,789	June 11	2645	544-5	128	2398
Littlefield, George E., Buffalo, N. Y. Incubator.....	846,325	Mar. 5	1198	264-5	127	303
Littlefield, George S. (See Wood, Littlefield, and Philbrick.)						
Littlefield, Vernon T., Bangor, assignor of one-half to H. A. M., J. A., and E. Rush, Millinocket, Me. Cake-cutter.....	848,561	Mar. 26	5679	1242	127	1518
Litts, Willis J., Jaynesville, Wis. Delivering-horn for talking-machines.....	841,795	Jan. 22	4027	869	126	1149
Litzenberger, William H., and L. A. Tornquist, New Windsor, Ill. Screw-wrench.....	855,714	June 4	512	106	128	1826
Livengood, Robert J., Harvel, Ill. Concrete base for fence-posts.....	841,163	Jan. 15	2775	606	126	795
Livengood, Winfield S., assignor to Smith & Sons Mfg. Co., Kansas City, Mo. Road-grader.....	847,793	Mar. 19	4166	909-10	127	1108
Livengood, Winfield S., assignor to Smith & Sons Mfg. Company, Kansas City, Mo. Draft-equalizer.....	859,956	July 16	2527	686	129	900
Livengood, Winfield S., assignor to Smith & Sons Mfg. Co., Kansas City, Mo. Scraper-pan bit.....	872,439	Dec. 3	256	52	131	1208
Liverett, Robert N., and J. D. Hood, Boaz, Ala.; said Liverett assignor of one-half to said Hood. Self-loading dump-cart.....	853,181	May 7	1607	335	128	406
Livergood, Gerald R., St. Joseph, Mo. Trolley circuit-former.....	852,969	May 7	1229	253	128	313
Livright, Louis F., et al. (See Santmyers, Charles A., assignor.)						
Livermore, Ephraim W., Bellingham, Wash. Exhibiting-reel for microscopes.....	853,811	May 14	2906	597-8	128	779
Livermore & Knight Company. (See Holt and Foster, assignors.)						
Livermore, Lee H., Yates City, Ill. Earth-auger.....	852,406	Aug. 6	502	134-5	129	2243
Liverpool, Coval H., Boston, Mass. Ear-tip for stethoscopes and other aural instruments.....	874,092	Dec. 17	3692	777	131	1821
Livesay, Gentry F., St. Louis, Mo., assignor of one-third to J. S. Livesay and R. D. Bush, Ceresco, Nebr. Curtain-fixture.....	857,743	June 25	4483	946	128	2931
Livesay, James S., et al. (See Livesay, Gentry F., assignor.)						
Livesay, Robert C., Berwyn, Ill., assignor to International Harvester Company. Grain-drill.....	845,425	Feb. 26	5378	1141	126	3243
Livignano, Dna, Cleveland, Ohio. Arch-support.....	856,712	June 11	2509	516	128	2363
Living Letters Limited. (See Chandler, Samuel and J., assignors.)						
Livingston, Mary F., et al. (See Kennedy, Luis H., assignor.)						
Livingston, Max. (See Okell, George E., assignor.)						
Livingston, Thomas J., Fitzgerald, Ga. Figure toy.....	843,024	Feb. 5	375	82	126	1887
Livingstone, John, Montreal, Quebec, Canada. Fire-box for steam-boiler furnaces.....	853,099	May 7	1469	306-7	128	372
Livingstone, William, New York, N. Y. Receptacle for card-indexes.....	846,488	Mar. 12	1546	343	127	423
Livingstone, William, assignor to himself and Brass Specialties Company, New York, N. Y. Holder for soda-water glasses.....	875,666	Dec. 31	6950	1447	131	2391
Lizotte, Joseph, Quincy, Mass. Stud.	860,814	July 23	3843	1054	129	1365
Ljunggren, Carl J., Providence, R. I. Hose-supporter.....	852,335	Apr. 30	7267	1528	127	3573
Ljunglof, Ludvig, Newark, N. J. Safety gas-burner.....	863,616	Aug. 20	2395	659	129	2893
Ljungström, Birger, assignor to Aktiebolaget Separator, Stockholm, Sweden. Gearing.....	845,103	Feb. 26	4748	1007	126	3086
Ljungström, Birger, assignor to Aktiebolaget Separator, Stockholm, Sweden. Centrifugal machine.....	848,037	Mar. 26	4713	1027	127	1277
Ljungström, Birger, assignor to Aktiebolaget Separator, Stockholm, Sweden. Centrifugal machine.....	852,666	May 7	604	115	128	158
Ljungström, Birger, assignor to Aktiebolaget Separator, Stockholm, Sweden. Centrifugal liquid-separator.....	855,189	May 28	5693	1185	128	1551
Ljungström, Birger, assignor to Aktiebolaget Separator, Stockholm, Sweden. Centrifugal machine.....	855,580	June 4	260	52	128	1761
Ljungström, Birger and F., assignors to Aktiebolaget Separator, Stockholm, Sweden. Apparatus for operating milking-machines.....	843,757	Feb. 12	1822	388	126	2284
Ljungström, Birger and F., assignors to Aktiebolaget Separator, Stockholm, Sweden. Operating device for milking-machines.....	851,136	Apr. 23	4826	1017	127	2928
Ljungström, Birger and F., assignors to Aktiebolaget Separator, Stockholm, Sweden. Operating device for milking-machines.....	851,951	Apr. 30	6531	1361	127	3388
Ljungström, Fredrik. (See Ljungström, Birger and F.)						
Llewellyn, Frank P., et al. (See Mallory and Slaughter, assignors.)						
Llewellyn, Morgan, et al. (See Senter, John F., assignor.)						
Llewellyn, Thomas J., and J. E. Pfleger, assignors to Enterprise Manufacturing Company, Akron, Ohio. Fishing-reel.....	841,796	Jan. 22	4028	870	126	1149
Llodra, Miguel, Manila, Philippine Islands. Distilling apparatus.....	858,346	June 25	5680	1213-14	128	3238
Lloyd, Donald W., Cleveland, Ohio. Retaining-brake.....	846,802	Mar. 12	2176	478	127	584
Lloyd, Edward W., and W. H. Sodeau, assignors to W. G. Armstrong, Whitworth & Company, Limited, Newcastle-upon-Tyne, England. Means for heating compressed air or other gases.....	850,307	Apr. 16	3246	676	127	2490
Lloyd, Edwin L., Philadelphia, Pa. Window-screen.....	850,026	Apr. 9	2698	567	127	2308
Lloyd, Ernest F., Detroit, Mich. Closure for gas-tanks.....	845,426	Feb. 26	5380	1142	126	3244
Lloyd, Ernest F., Detroit, Mich. Closure for gas-tanks.....	849,002	Apr. 2	776	158	127	1785
Lloyd, Ernest F., Detroit, Mich. Gas-scrubber.....	860,753	July 23	3758	1029-30	129	1336
Lloyd, Herbert T., and R. Brash, said Brash assignor, by mesne assignments, to W. L. Rouse, Denver, Colo. Slot and slug for coin-controlled apparatus.....	869,096	Oct. 22	2966	819	130	2294
Lloyd, John U., Norwood, Ohio. Purifying volatile substances.....	869,375	Oct. 29	3410	937	130	2458
Lloyd, Milby W. (See Bangley, Joseph L., assignor.)						
Lloyd, Richard L., Cananea, Mexico. Converting metals.....	851,816	Apr. 30	6238	1301	127	3315
Lloyd, Richard L., Cananea, Mexico. Apparatus for converting metals.....	851,817	Apr. 30	6242	1302	127	3315
Lloyd, Rossiter J., Olyphant, Pa. Boot-cleaner.....	864,316	Aug. 27	3439	957	129	3244
Lloyd, Samuel, Birmingham, and A. R. Grossmith, Corby, near Kettering, England. Machinery for conveying earth, &c.....	852,885	May 7	1063	218-19	128	271
Lloyd, Walter J., Birmingham, England. Gearing.....	844,375	Feb. 5	1244	261	126	2104
Lloyd, William D., assignor of one-half to J. B. Vinson, Austin, Tex. Motor-vehicle.....	851,679	Feb. 19	3045	651-2	126	2627
Lloyd, William H., Evanston, assignor to Crane Company, Chicago, Ill. Closet-bowl.....		Apr. 30	5962	1246	127	3241
Lloyd, William J., Rugby, England, and J. R. Anderson, Pittsfield, Mass., assignors to Stanley-General-Incandescent Electric Manufacturing Company. Machine for preparing paper for curve-drawing instruments.....	866,593	Sept. 17	2818	789-90	130	942
Lloyd, William L., et al. (See Viancour, George H., assignor.)						
Lo Casto, Tony, Chicago, Ill. Music-leaf turner.....	853,366	May 14	2029	420	128	553
Lobdell Car Wheel Company. (See Stuart, Joseph, assignor.)						
Lober, John F., Pittsburg, Pa. Heel for boots and shoes.....	844,882	Feb. 19	4312	920	126	2936
Lober, John F., Pittsburg, Pa. Machine for making bolts, pins, &c.....	846,117	Mar. 5	818	171	127	208

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Lobert, Ferdinand A., National City, Cal. Composition of matter.....	858,084	June 25	5202	128	3113
Lobitz, Jean M., New York, N. Y. Combined fishing-rod and cane.....	849,481	Apr. 9	1722	349	127	2062
Lobnitz, Fred, Renfrew, Scotland. Apparatus for breaking rocks, &c.....	874,217	Dec. 17	3930	829-31	131	1863
Loch, Joseph, Brooklyn, N. Y. Electric door-opener.....	852,279	Apr. 30	7170	1534	127	3549
Locher & Cie. (See Locher, Fritz, assignor.)						
Locher, Fritz, assignor to Locher & Cie., Zürich, Switzerland. Mold for constructing hollow concrete columns.....	840,637	Jan. 8	1714	377	126	483
Locher, Fritz, assignor to Locher & Cie., Zürich, Switzerland. Apparatus for constructing hollow concrete columns.....	840,638	Jan. 8	1715	377-8	126	483
Lochman, Emil R., St. Louis Mo. Carving-machine.....	850,941	Apr. 23	4488	939	127	2845
Lochmann, Paul, Zeulenroda, Germany. Mechanical stringed instrument with spring-hammers.....	875,193	Dec. 31	5910	1232	131	2240
Lochner, Adam, Jefferson City, Mo. Keyless lock.....	841,797	Jan. 22	4029	870	126	1149
Lock Joint Pipe Company. (See Mitchell, John C., assignor.)						
Lockard, Adam M., Herrin, Ill. Flower-band mold.....	845,561	Feb. 26	5639	1194	126	3309
Locke, Bradford H., New York, N. Y. Rock-drill.....	847,587	Mar. 19	3740	821	127	1007
Locke, Fred M., Victor, N. Y. Insulator.....	852,730	May 7	716	140	128	188
Locke, Fred M., Victor, N. Y. System of insulation for high-voltage electric conductors.....	872,569	Dec. 3	532	111	131	1249
Locke, Henry W., <i>et al.</i> (See Strain, William T., assignor.)						
Locke, Hugh E., and W. A. Scott, Chicago, Ill. Feed-bag.....	875,194	Dec. 31	5912	1232	131	2240
Locke, Joseph, <i>et al.</i> (See Strain, William T., assignor.)						
Locke, Nathaniel C., Salem, Mass. Check-valve.....	839,862	Jan. 1	112	28	126	32
Locke, Warren E., assignor to I. M. Moulton, Somerville, Mass. Combined pie turner and lifter.....	868,571	Oct. 15	2125	594	130	2005
Locke, William H., <i>et al.</i> (See Strain, William T., assignor.)						
Locke, William W., <i>et al.</i> (See Gatewood, William F., assignor.)						
Lockett, Andrew M., New Orleans, La. Apparatus for elevating water by means of compressed air.....	855,518	June 4	143	29	128	1730
Lockett, William, Sutton, England. Braking apparatus.....	863,193	Aug. 13	1764	474	129	2667
Lockett, Wyatt W., Cason, Tex. Bed-brace.....	843,403	Feb. 5	1121	233	126	2073
Lockhart, Charles C., Brookfield, Nova Scotia, Canada. Mining-auger.....	855,108	May 28	5542	1151	128	1512
Lockhart, John M., Pittsburg, Pa. Ironing-machine.....	864,851	Sept. 3	140	38-9	130	44
Lockhart, Richard J., Pittsburg, Pa. Attachment for vices.....	856,074	June 4	1192	253	128	1994
Locklar, Lewis H. (See Higginbotham, Don J., assignor.)						
Lockley, Thomas B., Goulburn, New South Wales, Australia. Auxiliary fuel-box for stoves, &c.....	869,581	Oct. 29	3751	1026	130	2563
Lockwood, Charles A., New York, N. Y. Rotary water-meter.....	841,410	Jan. 15	3263	704	126	919
Lockwood, Charles S., Newark, N. J., assignor to Hyatt Roller Bearing Company. Roller-bearing guide.....	861,870	July 30	5513	1521	129	1927
Lockwood, Charles S., Newark, assignor to Hyatt Roller Bearing Company, Harrison, N. J. Conical spirally-wound roller.....	863,729	Aug. 20	2542	703	129	2941
Lockwood, Charles S., Newark, assignor to Hyatt Roller Bearing Company, Harrison, N. J. Cage for rolls in roller-bearings.....	868,105	Oct. 15	1401	393	130	1784
Lockwood, Elias R., Pratt, Kans. Tubular well-plunger.....	852,185	Apr. 30	7004	1462	127	3508
Lockwood, George S., Saginaw, Mich. Combined lantern or lamp post for use on small water-craft.....	853,310	May 14	1927	399	128	527
Lockwood, Horace A., Kansas City, Mo. Air-wheel.....	864,317	Aug. 27	3440	957-8	129	3244
Lockwood, James B., Riverside, Cal. Guard for bicycles.....	868,461	Oct. 15	1959	547	130	1951
Lockwood, Lee, Des Moines, Iowa. Screening collector and separator.....	868,675	Oct. 22	2322	643-4	130	2096
Lockwood, Samuel T., Portland, Oreg. Bag-holding mechanism for bag-turning machines.....	846,118	Mar. 5	820	171-2	127	208
Lockwood, Samuel T., Portland, Oreg. Turning-arm-actuating mechanism for bag-turning machines.....	846,119	Mar. 5	827	173	127	210
Lockwood, Stephen T., Buffalo, N. Y. Refining lard and recovering waste lard from spent fullers' earth.....	852,441	May 7	60	12	128	18
Lockwood, Stephen T., Buffalo, N. Y. Refining lard and recovering waste lard from spent fullers' earth.....	852,442	May 7	62	12	128	19
Lockwood, Virgil H. (See Hanna, Nelson G., assignor.)						
Locomotive Company of America. (See Riker, Andrew L., assignor.)						
Locomotive Tender Frame Company. (See Howard, Clarence H., assignor.)						
Lodge, Alexander M. (See Lodge, Oliver J. and A. M.)						
Lodge, Oliver J., and A. M., Birmingham, England. Electric ignition of explosives.....	869,208	Oct. 22	3129	862	130	2345
Lodor, Napoleon, Chattanooga, Tenn. Bearing-metal package.....	842,477	Jan. 29	5477	1160	126	1551
Loe, Syver, Minneapolis, Minn., assignor of one-half to Fosston Manufacturing Company. Alternating rotary gearing.....	839,863	Jan. 1	115	28-9	126	33
Loeb, Hugo D. (See Loeb and Goosmann.)						
Loeb, Isaac, <i>et al.</i> (See Goldsmith, Daniel, assignor.)						
Loeb, Jacob A. and H. D., and J. C. Goosmann, Chicago, Ill. Automatic fire-extinguisher.....	865,407	Sept. 10	1002	287	130	333
Loeble, Gottlob E., New York, N. Y. Cartridge.....	855,958	June 4	992	207	128	1944
Loeffler, Gustav W., Tampa, Fla. Vehicle-spring.....	865,259	Sept. 3	753	215	130	228
Loepsinger, Albert J. (See Kenerson and Loepsinger.)						
Loesch, Charles, and E. C. McCall, San Francisco, Cal. Continuous-baking oven.....	866,494	Sept. 17	2670	747-8	130	898
Loeschner, Henry, assignor of one-half to H. Rennpath, Chicago, Ill.; J. Rennpath administrator of said H. Rennpath, deceased. Pigs'-feet drier and singeing-oven.....	844,153	Feb. 12	2559	549	126	2465
Loeschner, Henry F., and M. Lesar, Tamms, Ill. Car-jack.....	855,255	May 28	5811	1211	128	1582
Loeschner, Henry F., and M. Lesar, Tamms, Ill. Combination-tool.....	861,996	July 30	5695	1580	129	1983
Loeser, Edward H. (See Booth, William, assignor.)						
Loetzer, Christian E., Sayre, Pa. Tamper-proof water-meter.....	855,190	May 28	5695	1185	128	1551
Loew, Charles H., Cleveland, Ohio. Mechanism for rinsing, spraying, and brushing bottles.....	839,864	Jan. 1	117	29	126	34
Loew, Charles H., Lakewood, Ohio. Filtering element.....	841,652	Jan. 15	3716	808	126	1035
Loew, Charles H., Lakewood, Ohio. Bottle-washing machine.....	852,127	Apr. 30	6911	1443	127	3484
Loew, Charles H., Lakewood, Ohio. Pasteurizer.....	866,870	Sept. 24	3249	914	130	1113
Loew Manufacturing Company. (See Miller, Henry G., assignor.)						
Loew Supply & Manufacturing Company. (See Miller, Henry G., assignor.)						
Loewenberg, William B., Wabash, Ind. Display-rack.....	845,658	Feb. 26	5835	1232-3	126	3355
Loewenstein, Charles de, Chateau Durouze, near Arles, France. Mechanism for utilizing superheated steam.....	850,380	Apr. 16	3393	709-10	127	2528
Loewenstein, James B. (See McClure and Loewenstein.)						
Loewenstein, Maximilian, assignor of two-thirds to J. Stork, Brussels, Belgium, and M. Kind, New York, N. Y. Carbureter.....	855,407	May 28	6070	1269	128	1646
Loewenthal, Adolph, <i>et al.</i> , trustees. (See Dunn, Clifford E., assignor.)						
Loewenthal, Adolph, <i>et al.</i> , trustees. (See Esser, Christian, assignor.)						
Loewer, Henry F., Rochester, N. Y. Manufacturing lasts.....	842,478	Jan. 29	5479	1160	126	1551

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Loewer, Henry F., Rochester, N. Y. Last.	872,525	Dec. 3	448	93	131	1236
Loewer, Henry F., Rochester, N. Y. Last.	873,060	Dec. 10	1592	333	131	1448
Loftin, John E., Rockford, Wash. Combined folding table and receptacle.	875,195	Dec. 31	5912	1232	131	2240
Loftus, John, assignor of one-half to P. Kinnear, Albany, N. Y. Steam-spray motor.	856,968	June 11	2967	621-2	128	2478
Logan, Albert J., Clearfield, Pa. Nut-lock.	858,191	June 25	5397	1149	128	3162
Logan, Alton L., and W. F. Greene, Washington, Ind. Mail-bag catcher and deliverer.	844,527	Feb. 19	3370	726-7	126	2707
Logan, Charles E., Mill Grove, Mo. Wire-stretcher.	843,404	Feb. 5	1122	234	126	2073
Logan, Crawford D., assignor of two-thirds to D. M. Hunt, Coal Hill, and J. R. Brown, Van Buren, Ark. Nut-lock.	861,527	July 30	4977	1367	129	1763
Logan, Ferdinand, Phoenixville, Pa. Apparatus for the manufacture of gas.	846,489	Mar. 12	1551	344	127	424
Logan, Gertrude M., St. Louis, Mo. Sash-lock.	874,093	Dec. 17	3693	777	131	1821
Logan, Hugh R., Carson, Nev. Crushing mortar and separator.	847,016	Mar. 12	2597	570	127	689
Logan, Marshall, assignor of one-half to S. Logan, Plymouth, Ind. Appliance for sliding doors.	848,475	Mar. 26	5523	1204	127	1480
Logan, Samuel J., Grand Rapids, Mich., and D. V. Richardson, Bucksport, S. C. Feed-water heater.	851,099	Apr. 23	4773	1003	127	2915
Logan, Sylvester. (See Logan, Marshall, assignor.)						
Logan, Thomas E., Sault Ste. Marie, Mich. Bath-tub trap.	855,109	May 28	5542	1151	128	1513
Logemann Brothers Company. (See Truelsens, Wilhelm F., assignor.)						
Loggie, George W., Bellingham, Wash. Stave-column.	840,639	Jan. 8	1717	378	126	484
Loggins, John T. (See Elliott and Loggins.)						
Loggins, John T. (See Elliott, Loggins, and Straughan.)						
Lohmann, August S. F., Dallas, Tex. Composition of matter.	861,132	July 23	4344		129	1528
Lohmann, Carl, Gelsenkirchen, Germany. Support for drying medicine-bottles.	850,381	Apr. 16	3394	710	127	2529
Lohmann, Heinrich, Aix-la-Chapelle, Germany. Machine for grinding edges on glass plates.	862,175	Aug. 6	103	28	129	2116
Lohmann, Heinrich, Aix-la-Chapelle, Germany. Bevel-polishing machine.	868,877	Oct. 22	2630	727	130	2188
Lohner, John G., Sparks, Okla. Ter. Brake-lever.	853,248	May 14	1774	368	128	483
Lohner, John G., Sparks, Okla. Vehicle-step.	875,540	Dec. 31	6582	1374-5	131	2348
Löhnert, Hermann, Bromberg, Germany. Ball-mill.	851,013	Apr. 23	4609	966	127	2875
Lohnes, David T., Omaha, Nebr. Wheel-brake for vehicles.	846,038	Mar. 5	647	136	127	165
Lohr, Joseph H., Houstontown, Pa. Combined washing and wringing machine.	875,391	Dec. 31	6240	1301-2	131	2291
Löhrrs, Frederick H., Elizabeth, N. J. Fixture for lamp-chimneys.	853,462	May 14	2195	456	128	596
Löhrrs, Frederick H., Elizabeth, N. J. Electric-lamp bracket.	860,099	July 16	2749	750	129	973
Lohse, Wilhelm. (See Ammermann and Lohse.)						
Lomax, Charles J., Manchester, England. Making a joint between spigot and socket pipes.	868,349	Oct. 15	1779	502	130	1898
Lomax, Harold A., Pittsburg, Pa. Metallic railway-tie.	859,394	July 9	1681	447	129	597
Lomax, John W., Spokane, Wash. Separable button.	863,543	Aug. 13	2270	610	129	2822
Lomax, Ralph, and J. Tomlinson, Darwen, England. Electrical control apparatus for steam-generators.	873,061	Dec. 10	1594	333-4	131	1448
Lomb, Carl F., assignor to U. S. Standard Voting Machine Company, Rochester, N. Y. Interlocking mechanism for voting-machines.	847,347	Mar. 19	3251	716	127	877
Lomb, Charles, Pittsburg, Pa. Folding umbrella.	861,871	July 30	5514	1521	129	1927
Lomb, Henry C., assignor to Bausch and Lomb Optical Company, Rochester, N. Y. Eye-piece.	853,812	May 14	2908	598	128	779
Lomb, Henry C., and E. G. Sailer, Rochester, N. Y. Orientation device.	848,757	Apr. 2	271	54	127	1655
Lombard, Alvin O., Waterville, Me. Log-hauler.	854,348	May 21	4020	832	128	1101
Lombard, Charles E., East Wilton, Me. Spinning and twisting machine.	851,952	Apr. 30	6533	1361-2	127	3389
Lombard Governor Company. (See Warren and Dodge, assignors.)						
Lombardi, Levi W., Medford, Mass. Rotary explosion-engine.	848,665	Apr. 2	86	19-20	127	1607
Lombardi, Giovanni, Derby, Conn. Speedometer.	844,684	Feb. 19	3911	827	126	2833
Lombardo, August, Washington, Iowa. Banana-crate.	868,790	Oct. 22	2508	691	130	2151
Lombardo, August, assignor, by mesne assignments, of one-half to J. Carso, Washington, Iowa. Combined wash and bath tub and ironing-table.	869,790	Oct. 29	4069	1123	130	2656
Lommel, Wilhelm, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Leuco derivative from gallocyanin.	856,536	June 11	2156		128	2273
Lommel, Wilhelm, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Gallocyanin dye.	856,537	June 11	2157		128	2273
Lomoff, Victor, New York, N. Y. Handsaw.	850,481	Apr. 16	3586	749	127	2577
Loncks, Silas J., and W. M. Holcomb, Blanchard, Ark. Lumber-wagon.	846,490	Mar. 12	1553	344	127	425
London Electric Firm. (See Wunderlich, Adolph, assignor.)						
London Free Press Printing Company. (See Parkinson, Benjamin L., assignor.)						
London, James A. (See London, Thomas N. and J. A.)						
London, Robert J., et al. (See London, Thomas N. and J. A., assignors.)						
London, Thomas N. and J. A., Marquand, assignors of one-half to R. J. London and W. C. Simmons, Twelvemile, Mo. Pump-elevator.	851,763	Apr. 30	2126	1281	127	3284
Lonergan, Daniel F., Morristown, N. J. Device for operating window-blinds.	865,922	Sept. 10	1827	511	130	601
Lonergan, William J., assignor of three-fourths to C. J. Schnaus, St. Louis, Mo. Gas-mixing apparatus.	845,104	Feb. 26	4750	1007	126	3087
Long, Abijah, Grandfalls, Tex. Lap-link.	865,600	Sept. 10	1318	373	130	429
Long, Abraham L., New Bloomfield, Pa. Pie-lifter.	842,321	Jan. 29	5110	1086	126	1448
Long, Agnes L., et al. (See Young and Conley, assignors.)						
Long, Albert, Lawrence, and R. Foster, Methuen, Mass.; said Foster assignor to said Long. Drawing-off mechanism for circle-combs.	862,980	Aug. 13	1417	386	129	2554
Long & Allstatter Company. (See Macbeth, Charles E., assignor.)						
Long Arm System Company. (See Cowles, William B., assignor.)						
Long, Burton R., Pueblo, Colo. Hitching-post.	843,954	Feb. 12	2195	469	126	2377
Long, (alvin A.), Soldier, Kans. Loading and unloading apparatus.	863,075	Aug. 13	1574	425	129	2605
Long, Clark, Paha, Wash. Cattle-guard.	853,100	May 7	1472	307	128	372
Long, Claude W., St. Louis, Mo. Rack for holding phonograph-records.	867,986	Oct. 15	1227	338	130	1731
Long, David B., et al. (See Young and Conley, assignors.)						
Long, Francis. (See Ulrey, Edward, assignor.)						
Long Furniture Co. (See Foster, Bertram G., assignor.)						
Long, George A., assignor to Gray Telephone Pay Station Company, Hartford, Conn. Telephone pay-station.	872,628	Dec. 3	649	136	131	1269
Long, George W., Lindsay, Ind. Ter. Cotton-gin attachment.	842,101	Jan. 22	4617	991	126	1289
Long, Jacob, and B. F. Boyd, Bellaire, Ohio. Switch-operating mechanism.	852,886	May 7	1064	219	128	272
Long, James, Minot, N. D. Water-eliminator for steam-boilers.	874,971	Dec. 31	5477	1144	131	2167
Long, James A., Portland, Oreg. Hose-nozzle.	851,603	Apr. 23	5795	1211	127	3170
Long, James A., Kalspeit, Mont. Beet-thinner.	857,815	June 25	4629	981-2	128	2968
Long, Joseph B., Chicago, Ill. Radiator for automobiles.	844,685	Feb. 19	3913	827	126	2834
Long & Koch. (See Long, Philip H., assignor.)						
Long & Koch. (See Wiggins, Charles, assignor.)						
Long, Louis, Buchanan, N. Y. Wheel.	873,876	Dec. 17	3206	683	131	1751
Long, Malcolm W., Harrisburg, assignor to Pennsylvania Steel Company, Philadelphia, Pa. Switch-stand.	840,572	Jan. 8	1596	350	126	451

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Long, Malcolm W., Harrisburg, assignor to Pennsylvania Steel Company, Philadelphia, Pa. Automatic latch-stand.....	851,294	Apr. 23	5186	1088-9	127	3020
Long, Malcolm W., Harrisburg, assignor to Pennsylvania Steel Company, Philadelphia, Pa. Switch-stand.....	857,290	June 18	3596	761	128	2677
Long, Malcolm W., Harrisburg, assignor to Pennsylvania Steel Company, Philadelphia, Pa. Switch-stand.....	857,291	June 18	3598	762	128	2678
Long, Malcolm W., Harrisburg, assignor to Pennsylvania Steel Company, Philadelphia, Pa. Switch-stand.....	866,662	Sept. 24	2928	828	130	1006
Long, Malcolm W., Harrisburg, assignor to Pennsylvania Steel Company, Philadelphia, Pa. Switch-stand.....	866,871	Sept. 24	3250	914	130	1113
Long, Malcolm W., Harrisburg, assignor to Pennsylvania Steel Company, Philadelphia, Pa. Semaphore switch-stand.....	866,872	Sept. 24	3251	914-15	130	1114
Long, Malcolm W., Harrisburg, and J. M. Hoffer, Steelton, assignors to Pennsylvania Steel Company, Philadelphia, Pa. Switch-stand.....	857,289	June 18	3593	760-1	128	2676
Long, Philip H., Newark, N. J. Necktie-fastener.....	866,943	Sept. 24	3356	949	130	1146
Long, Philip H., assignor to Long & Koch, Newark, N. J. Fastener.....	856,480	June 11	2061	424	128	2250
Long, Samuel W., Clarence, Mo. Valve-gear.....	868,280	Oct. 15	1662	470	130	1864
Long, Samuel W., assignor of one-half to H. F. Remington, Rochester, N. Y. Cleaning apparatus for blackboard-erasers.....	844,154	Feb. 12	2561	549	126	2466
Long, Theodore F., Portland, Oreg. Attachment for hip or Yankee breeching.....	863,194	Aug. 13	1765	474	129	2667
Long, William T., assignor of one-half to H. Knoblauch, Sumner, Wash. Train-order delivering and receiving apparatus.....	857,641	June 25	4275	903	128	2878
Longacre, Matthias R., Millerstown, Pa. Railway.....	872,831	Dec. 3	1085	227	131	1337
Longauer, Hubert, Wauwatosa, assignor of forty-five one-hundredths to J. Guschl, Milwaukee, Wis. Railway block system and locomotive equipment for operating the same.....	864,974	Sept. 3	337	90	130	107
Longenecker, Charles. (See Wright and Longenecker.)						
Longenecker, Charles I., Milwaukee, Wis., assignor to International Harvester Company. Vaporizer for explosive-engines.....	862,083	July 30	5837	1619	129	2029
Longenecker, Charles I., Milwaukee, Wis., assignor to International Harvester Company. Gas-engine.....	862,568	Aug. 6	798	213	129	2331
Longenecker, Irwin G., Elizabethtown, Pa. Belt.....	850,534	Apr. 16	3690	772	127	2605
Longfellow, Martin W., Hamilton, Ohio. Pressure-regulator for gas-cocks.....	849,406	Apr. 9	1569	318	127	2024
Longley, Edmund W. (See Smith, Robert P., assignor.)						
Longley, Richard L., Kansas City, Mo. Windmill.....	840,458	Jan. 1	1348	299	126	351
Longshore, Edwin A. (See Blake and Longshore.)						
Lontz, John M., et al. (See Atkinson, Charles E., assignor.)						
Loock, August, Hayfield, Iowa. Hoof-cutter.....	860,815	July 23	3844	1054	129	1365
Loofbourrow, C. E. (See Pettygrove, George L., assignor.)						
Loomis, Burdett, Hartford, Conn., and H. Pettibone, New Rochelle, N. Y. Making and delivering gases.....	863,730	Aug. 20	2543	703-4	129	2941
Loomis, Edgar J., Cambridge, N. Y. Display-cabinet.....	841,551	Jan. 15	3517	760	126	985
Loomis, George D., Tiffin, Ohio. Well-drilling apparatus.....	841,259	Jan. 15	2956	642	126	839
Loomis, George D., Tiffin, Ohio. Traction-engine.....	866,042	Sept. 17	2019	563	130	691
Loomis, Maynard, Mount Vernon, Wash. Farm-gate.....	860,926	July 23	4021	1101	129	1422
Loone, Arthur W. (See Killworth, Walter G., assignor.)						
Loope, Fred A., assignor of one-half to F. F. Grant, Frederick, S. D. Spring-mattress.....	861,665	July 30	5193	1426	129	1831
Loorve, Solomon H., Washington, D. C. Suspenders.....	845,801	Mar. 5	134	25	127	87
Loos, John F., Nashua, Iowa. Compost-spreader.....	858,813	July 2	792	207	129	276
Lopez, Perfecto F., and J. P. Zamora, Habana, Cuba, assignors to International Packing Machine Company. Wrapping-machine.....	865,408	Sept. 10	1003	287-8	130	334
Loqvist, August H., Söderköping, Sweden. Milking-machine.....	874,972	Dec. 31	5478	1144-5	131	2167
Lorain Steel Company. (See Brown, William M., assignor.)						
Lorain Steel Company. (See Burns, Nicholas, assignor.)						
Lorain Steel Company. (See Entwistle, Edward B., assignor.)						
Lorain Steel Company. (See Ervin, George M., assignor.)						
Lorain Steel Company. (See Glenton, Frederico, Jr., assignor.)						
Lorain Steel Company. (See Kornis, Clarence C., assignor.)						
Lorain Steel Company. (See Miller, Howard E., assignor.)						
Lorain Steel Company. (See Stiff, Henry C., assignor.)						
Loraine Manufacturing and Tool Company. (See Baumgartner, Charles B., assignor.)						
Lord, Allen P., and N. Wilkins, Bradford, Pa. Overhead trolley.....	848,382	Mar. 26	5355	1166	127	1436
Lord, Andrew, Lynn, Mass. Floor-washer.....	861,528	July 30	4978	1368	129	1764
Lord, Charles E., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Shaft-oscillator.....	868,572	Oct. 15	2126	594	130	2005
Lord, Charles E., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Controller.....	868,573	Oct. 15	2127	594-5	130	2006
Lord, Charles E., and W. F. Bouché, Norwood, Ohio, assignors to Bullock Electric Manufacturing Company. Shaft-oscillator.....	856,538	June 11	2158	444-5	128	2273
Lord, Charles N., Santa Fe, N. Mex. Ter. Electrical apparatus.....	847,794	Mar. 19	4170	910	127	1109
Lord, Frederic W., New York, N. Y. Heater for cars.....	864,318	Aug. 27	3442	958	129	3246
Lord, Frederic W., and F. W. Erickson, New York, N. Y. Protective device for electric circuits.....	849,148	Apr. 2	1092	219	127	1868
Lord, Frederic W., and F. W. Erickson, New York, N. Y. Electrical-current interrupter.....	852,186	Apr. 30	7005	1463	127	3508
Lord, George D., Hanover, N. H. Type-writer.....	860,876	July 23	3940	1080	129	1396
Lord, George M., Meeker, Colo. Stove-jacket.....	862,490	Aug. 6	656	176	129	2292
Lord, Harold E., Dukinfield, England. Axle-box.....	841,552	Jan. 15	3519	760-1	126	986
Lord, Raymond S., Pittsburg, Pa. Pipe-coupling.....	872,659	Dec. 3	718	149	131	1280
Lord, William A., Orange, N. J. Necktie-retainer.....	859,957	July 16	2528	686	129	900
Lorenz, Carl, Redfern, New South Wales, Australia. Governor.....	854,658	May 21	4566	954	128	1235
Lorenz, Ernst, Berlin, Germany. Bracket for supporting scaffolding and the like.....	850,662	Apr. 16	3949	825	127	2672
Lorenz, Hans, Rochester, N. Y. Mouth-brace.....	854,898	May 28	5106	1062	128	1404
Lorenz, Henry W. F. (See McQuat and Lorenz.)						
Lorenz, Jacob, assignor of one-third to J. S. Evard, St. Louis, Mo. Ventilator.....	857,642	June 25	4278	903	128	2879
Lorenz, Max, Honolulu, Hawaii. Valve.....	845,244	Feb. 26	5017	1066-7	126	3156
Lorenz, Peter A., Chicago, Ill. Making bucket-blanks.....	874,515	Dec. 24	4549	955	131	1992
Lorenz, Wilhelm, Karlsruhe, assignor to Firm of Daimler Motoren-gesellschaft, Unterturkheim-Stuttgart, Germany. Differential gearing.....	874,852	Dec. 24	5183	1091-2	131	2103
Lorenz, William A., et al. (See Merritt, Joseph, assignor.)						
Lorenz, William A., Hartford, Conn. Hermetic closure for receptacles.....	841,027	Jan. 8	2480	540	126	675
Lorenz, William A., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.....	840,073	Jan. 1	565	123-4	126	150
Lorenz, William A., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.....	847,191	Mar. 12	2933	645-6	127	770
Lorenz, William A., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.....	847,192	Mar. 12	2938	646-7	127	771

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Lorenz, William A., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.	847,193	Mar. 12	2943	648-9	127	772
Lorenz, William A., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.	847,194	Mar. 12	2951	649-50	127	775
Lorenz, William A., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.	847,195	Mar. 12	2957	651-2	127	777
Lorenz, William A., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.	847,957	Mar. 19	4524	994-5	127	1193
Lorenz, William A., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.	847,958	Mar. 19	4529	995-6	127	1194
Lorenz, William A., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.	847,959	Mar. 19	4534	996-7	127	1195
Lorenz, William A., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine. (Reissue)	12,651	May 14	3210	657-8	128	853
Lorenz, William A., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.	860,040	July 16	2667	724-5	129	948
Lorenz, William A., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.	860,041	July 16	2669	726-7	129	948
Lorenz, William A., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.	860,042	July 16	2672	727-8	129	949
Lorenz, William A., Hartford, Conn., assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.	863,731	Aug. 20	2546	704	129	2941
Lorenz, William A., Hartford, Conn., assignor of three-fourths to Beechnut Packing Company, Canajoharie, N. Y., and W. H. Honiss, Hartford, Conn. Vacuum sealing apparatus.	866,663	Sept. 24	2329	828	130	1007
Lorenz, William A., assignor of one-half to J. Merritt, Hartford, Conn. Making formed pulp vessels.	867,389	Oct. 1	247	71	130	1389
Lorenzi, Louis F., Beaver Falls, Pa. Wheelbarrow.	868,462	Oct. 15	1961	547	130	1952
Lorétan, Herman, assignor to Firm of Dye Works formerly L. Durand, Huguenin & Co., Basel, Switzerland. Leuco derivatives of gallocyanins and aromatic amins and making same.	844,155	Feb. 12	2562	.....	126	2466
Lorétan, Herman, assignor to Firm of Dye Works formerly L. Durand, Huguenin & Co., Basel, Switzerland. Greenish-blue dye and making same.	844,156	Feb. 12	2563	.....	126	2466
Lorig, Emanuel V., and U. G. Graham, South Omaha, Nebr. Device for protecting safe-valts.	856,075	June 4	1193	253	128	1994
Lorimer Automatic Telephone Company. (See Lorimer, George W., assignor.)						
Lorimer, George W., Piqua, Ohio, assignor to Lorimer Automatic Telephone Company, Augusta, Me. Relay and sounder.	862,084	July 30	5838	1619	129	2029
Lorimer, John H., Philadelphia, Pa. Means for ventilating dye-houses or bleacheries.	862,981	Aug. 13	1420	386-7	129	2555
Lorimer, John H., Philadelphia, Pa. Drying-machine for textile materials.	862,982	Aug. 13	1421	387	129	2556
Lorimer, John H., Philadelphia, Pa. Propulsion of boats or vessels.	868,199	Oct. 15	1531	434	130	1823
Lormis, Harry J., Magnolia, Ill. Hay-loader.	840,351	Jan. 1	1150	249	126	304
Lorraine, Clarence L., East Jordan, Mich. Voting-machine.	854,657	May 21	4562	953	128	1234
Lory, Frank C., et al. (See Kimber, Abraham, assignor.)						
Los Angeles Metals Extraction Company. (See Waterbury, George H., assignor.)						
Los Angeles Pressed Brick Company. (See Larson, Gustav, assignor.)						
Losch, John S., Reading, Pa. Friction-clutch.	874,605	Dec. 24	4714	990-1	131	2022
Loose, Asa B., Lake City, Iowa. Display-rack.	843,220	Feb. 5	787	162	126	1994
Loose, Jesse A., Corry, Pa. Wrench.	864,659	Aug. 27	4001	1111	129	3422
Loosey, James, Grand Rapids, Mich. Wrench.	874,853	Dec. 24	5184	1092	131	2103
Loshbough, Walter A., assignor to G. H. Faine, Detroit, Mich. Cheese-cutter.	840,352	Jan. 1	1152	250	126	305
Losie, Thomas M., Jr., Elmira, N. Y. Device for preventing the fraudulent refilling of cigar-boxes.	856,481	June 11	2062	424	128	2251
Loss, Frank N. (See Graves and Loson.)						
Loss, Henrik V., Philadelphia, Pa. Riveting-machine.	845,105	Feb. 26	4752	1008	126	3088
Loss, Henrik V., Philadelphia, assignor to C. T. Schoen, Moylan, Pa. Machine for rolling tires.	863,544	Aug. 13	2270	616-19	129	2822
Lossing, William, Phoenix, Ariz. Ter. Cover for comb-carrying boxes.	853,101	May 7	1473	307	128	372
Losso, Agostino, et al. (See Rosa, Marco D., assignor.)						
Lotave, Carl G., assignor of one-half to E. R. Cooper, Denver, Colo. Protected pneumatic tire.	872,526	Dec. 3	450	93	131	1236
Lothammer, François J., and C. Trocquet, assignors of three-fifths to E. Leon, Paris, France. Saponifying petroleum and other similar hydrocarbons.	864,753	Aug. 27	4152	1152	129	3468
Lothrop, George J. (See Wood, Winthrop E., assignor.)						
Lotter, Frank, Elkton, Mich. Fork.	843,472	Feb. 5	1246	261	126	2105
Lotter, Frank, Elkton, Mich. Beet-topping machine.	859,958	July 16	2529	687	129	900
Lotti, Alfredo, Marseille, France. Smelting lead and copper ores.	847,017	Mar. 12	2599	.....	127	690
Lotz, Augustus, San Francisco, Cal., assignor to Sanitary Devices Manufacturing Company. Apparatus for cleaning dust-laden-air.	845,364	Feb. 26	5267	1117	126	3216
Lotz, Augustus, San Francisco, Cal., assignor to Sanitary Devices Manufacturing Company. Apparatus for separating dust from dust-laden air-currents.	845,562	Feb. 26	5640	1195	126	3309
Lotz, Augustus, San Francisco, Cal., assignor to Sanitary Devices Manufacturing Company. Separating solid material held in suspension by air-currents.	845,563	Feb. 26	5642	1195	126	3309
Lotz, James D. (See Viger, John A., assignor.)						
Louden, Henry W., Sr., Lebanon, Pa. Sausage linking and twisting machine.	873,877	Dec. 17	3208	683-4	131	1751
Louden Machinery Company. (See Neller, Albert H., assignor.)						
Louden, William, Fairfield, Iowa. Elevated carrier.	865,113	Sept. 3	540	150-1	130	163
Louden, William, Fairfield, Iowa. Elevated carrier.	865,509	Sept. 10	1171	333	130	386
Loudenbeck, Harry C. (See Simpson, Isaac, assignor.)						
Loudenslager, William J., and J. E. Morris, deceased, (L. L. Morris, executor,) Jacksonburg, W. Va. Cooking utensil.	873,672	Dec. 10	2770	587	131	1649
Loudon, Howard C., New York, N. Y. Game apparatus.	875,085	Dec. 31	5702	1189	131	2204
Loudon, Milton H., Kansas City, Mo. Railway-gate-operating mechanism.	846,326	Mar. 5	1201	265	127	303
Loudon, William, Seattle, Wash. Boiler-feed-regulating mechanism.	848,476	Mar. 26	5524	1204	127	1480
Loughborough, Leroy R., Rochester, N. Y. Drafting instrument.	844,157	Feb. 12	2564	550	126	2466
Loughery, Frank X., Sr., Santa Rosa, Cal. Umbrella.	849,845	Apr. 9	2414	492	127	2239
Louis, Adolph. (See Thiem, Walter, assignor.)						
Louis Hanson Company. (See Hornung, Anton N., Jr., assignor.)						
Louiso, Edward W., et al. (See Dunn, Frank P., assignor.)						
Louiso, George P., et al. (See Dunn, Frank P., assignor.)						
Love, Henry M., Utica, N. Y. Steering-gear.	851,680	Apr. 30	5964	1246	127	3242
Love, Henry M., Utica, assignor to C. A. Powell, Whitesboro, N. Y. Waist-fastening.	862,260	Aug. 6	254	72	129	2160
Love, John W., Truby, Tex. Steering device for wheeled vehicles.	841,991	Jan. 22	4412	951	126	1241
Love, Richard, Altoona, Pa. Valve.	862,176	Aug. 6	105	28	129	2116
Love, Robert, assignor to Kemp & Burpee Manufacturing Company, Syracuse, N. Y. Fertilizer-distributor.	859,456	July 9	1756	470	129	623

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Love, William, London, England. Pressure-roller.	864,660	Aug. 27	4002	1111-12	129	3422
Love, William C., Florence, Tex. Ironing-table.	856,890	June 11	2820	588	128	2441
Lovejoy, Arthur H., Red Bank, N. J. Air-heater.	873,566	Dec. 10	2584	544-5	131	1614
Lovejoy, John F., assignor of one-half to A. Stein, New York, N. Y. Producing coal-tar pitch.	875,196	Dec. 31	5914	-----	131	2240
Lovejoy, Marcellus C., assignor to E. M. Lang, Jr., Portland, Me. Coiling-machine.	867,390	Oct. 1	248	72	130	1389
Lovejoy, Welcome C. (See Huey, James E., assignor.)						
Lovelin, Luther D. (See Lássoe and Lovelin.)						
Lovelin, Luther D., Philadelphia, Pa., assignor to M. T. Davidson, Brooklyn, N. Y. Valve mechanism for engines.	856,594	June 11	2277	468-9	128	2304
Lovelace, John W. (See Fitzhugh and Lovelace.)						
Lovell, Albert K., New York, N. Y. Buckle.	847,795	Mar. 19	4171	911	127	1109
Lovell, Albert K., New York, N. Y. Toilet device.	856,482	June 11	2063	424-5	128	2251
Lovell, Albert K., New York, N. Y., assignor to G. F. Drouvé, Bridgeport, Conn. Shutter-operating device.	842,895	Feb. 5	101	25	126	1816
Lovell, Albert K., New York, N. Y., assignor to G. F. Drouvé, Bridgeport, Conn. Shutter-operating device.	842,896	Feb. 5	103	25-6	126	1816
Lovell, Edwin, London, England. Exercising apparatus for children.	866,728	Sept. 24	3038	857	130	1049
Lovell, Elbert R., Brookhaven, Miss. Plow.	847,196	Mar. 12	2963	652	127	778
Lovell, Frederick W., assignor to McMyler Manufacturing Company, Cleveland, Ohio. Car-dumping apparatus.	851,014	Apr. 23	4610	966	127	2875
Lovell, George E., assignor of one-half to L. H. Marks, Albany, Ga. Ice-box.	850,663	Apr. 16	3951	825	127	2672
Lovenberg, Charles, Providence, R. I. Ticket-holder.	862,569	Aug. 6	799	213	129	2331
Lovering, Charles H., Sidney, Mont. Match-safe.	843,405	Feb. 5	1122	234	126	2073
Lovett, Thomas J., Chicago, Ill. Magnetic separator.	858,734	July 2	643	169	129	222
Lovett, William W., Los Angeles, Cal. Electrical signaling apparatus.	858,611	July 2	431	112-13	129	153
Lovley, Edward, Sarnia, Ontario, Canada. Wrecking appliance.	856,713	June 11	2510	516	128	2364
Low, Abbot A., Horseshoe, N. Y. Hydrocarbon-motor.	855,191	May 28	5696	1186	128	1551
Low, Abbot A., Horseshoe, N. Y. Hydrocarbon-motor.	868,281	Oct. 15	1663	470	130	1865
Low, Abbot A., Horseshoe, N. Y. Cutting implement.	874,516	Dec. 24	4550	955	131	1993
Low, Abbot A., Horseshoe, assignor to Auto Stopper Company, New York, N. Y. Stopper for vessels.	861,299	July 30	4618	1262	129	1652
Low, Abbot A., Horseshoe, and A. Wassmann, Astoria, N. Y.; said Wassmann assignor to said Low. Hydrocarbon-motor.	868,608	Oct. 15	2209	614	130	2034
Low, Hamilton F., New York, N. Y. Dish-washing apparatus.	858,522	July 2	274	67	129	97
Low, Harry N., trustee. (See Foster, Henry G., assignor.)						
Low, John M., Chicago, Ill. Butter-cutter.	858,997	July 2	1072	282	129	366
Low, John M., Chicago, Ill. Butter-cutter.	874,094	Dec. 17	3694	777	131	1821
Lowe, Frank H., et al. (See McKee, Thomas A., assignor.)						
Lowe, Frank W., Boston, Mass. Garment-clasp.	863,860	Aug. 20	2752	757	129	3007
Lowe, James L., Detroit, Mich. Bag-machine.	858,005	June 25	5033	1063-5	128	3069
Lowe, John C., Cleveland, Ohio. Detachable handle.	847,673	Mar. 19	3936	858	127	1054
Lowe, Leon P., San Francisco, Cal. Apparatus for making gas and coking.	839,939	Jan. 1	280	60	126	77
Lowe, Leon P., San Francisco, Cal. Apparatus for recovering from oil its tarry or asphaltic constituents, with gas as a by-product.	839,940	Jan. 1	281	60-1	126	78
Lowe, Leon P., San Francisco, Cal. Gas-making apparatus.	869,582	Oct. 29	3752	1026	130	2563
Lowe, Levi E., Columbus, Ohio. Valve and sparking mechanism for hydrocarbon-engines.	865,650	Sept. 10	1393	395	130	455
Lowe, Richard, Brunswick, Victoria, assignor of one-half to R. Varley, South Melbourne, Australia. Revolving or rotary-action maze.	853,642	May 14	2565	531	128	691
Lowe, Robert E., Brooklyn, N. Y. Garment.	862,491	Aug. 6	657	176	129	2292
Lowe, Thaddeus, Pasadena, Cal. Fluid-regulator.	844,946	Feb. 19	4412	943	126	2961
Lowe, Waldo H., Urbana, Ohio. Combination table and rack for clothing.	856,595	June 11	2278	469	128	2305
Lowe, William, assignor to Ideal Shaft Supporter Company, Provo, Utah. Shaft-supporter.	865,715	Sept. 10	1491	421	130	484
Lowe, William B. (See Hamilton and Lowe.)						
Lowe, William I., Sentinel, Okla. Ter. Machine for opening cotton-bolls.	840,784	Jan. 8	1997	441-2	126	553
Lowenstein, Bernard. (See Shoenberg, Milton H., assignor.)						
Lowenstein & Cie. (See Kessler, Ernst, assignor.)						
Lowenthal, Harry N., Philadelphia, Pa. Window-shutter-operating device.	856,969	June 11	2969	622	128	2478
Lowery, Osmond E. and W. D., Brooklyn, N. Y. Slipper-sole.	846,677	Mar. 12	1941	426	127	524
Lowery, William D. (See Lowery, Osmond E. and W. D.)						
Lowman, John, London, England, assignor of one-half to F. J. W. Bender, Frankenthal, Pfalz, Germany. Stopper for bottles, jars, or other receptacles and manufacturing same.	872,660	Dec. 3	719	149-50	131	1281
Lowrey, Jacob C. (See Stadel, John M., assignor.)						
Lowrey, Joseph H., Neola, Iowa. Automatic wagon-brake.	847,796	Mar. 19	4173	911	127	1110
Lowrie, Harvey C., New York, N. Y. Umbrella.	849,407	Apr. 9	1570	318	127	2024
Lowrie, Harvey C., New York, N. Y. Wall safe or receptacle.	873,878	Dec. 17	3210	684	131	1752
Lowrie, Harvey C., Denver, Colo. Combination-lock.	850,942	Apr. 23	4990	939	127	2845
Lowry, Clarence C. (See Kenisell and Lowry.)						
Lowry, Cuthbert B., Lexington, Ky. Diaphragm.	874,517	Dec. 24	4552	955	131	1993
Lowry, Frank E., assignor of one-half to F. H. Payne, Erie, Pa. Barrel.	869,209	Oct. 22	3131	863	130	2345
Lowry, Frederick N., Midland, Mich. Automatic measuring-tank.	872,359	Dec. 3	84	17	131	1181
Lowry, George A., Chicago, Ill., assignor, by mesne assignments, to Planters Compress Company. Combined condenser and feeder mechanism for presses.	874,606	Dec. 24	4716	991	131	2023
Lowry, John D., Wilmington, N. C. Elevating mechanism.	859,089	July 2	1197	322-3	129	405
Lowry, Moses M., Hodges, Tex. Combined quilting-frame and ironing-board.	865,409	Sept. 10	1008	288	130	335
Lowry, Robert K. (See Matthews, Richard M., assignor.)						
Lowry, Robert L., assignor of one-half to H. B. Driver, Louisville, Ky. Shaft-coupling.	854,426	May 21	4142	858	128	1130
Lowry, Thomas P. (See Fryckberg, William F., assignor.)						
Lowry, William, Cowley, Alberta, Canada. Safety device for elevators.	844,947	Feb. 19	4414	943-4	126	2961
Lowry, William D., St. Louis, Mo. Combined car-bolster and draft-rigging.	868,463	Oct. 15	1961	547	130	1952
Lowther, Thomas, Ekaterinoslaf, Russia. Steam-generator.	853,182	May 7	1610	335-7	128	406
Lowthorp, Charles S., Hope, Ark. Sash-lock.	849,800	Apr. 9	2316	475	127	2213
Lowy, Ignatz, and O. F. Adelman, Chicago, Ill. Beer-racker.	873,567	Dec. 10	2589	546	131	1615
Lowy, Morris, New York, N. Y. Hat-pin.	852,128	Apr. 30	6914	1444	127	3485
Loyd, William F., Granville, Ohio. Truck.	865,601	Sept. 10	1319	374	130	429
Loynd, John B., West Philadelphia, Pa. Kettle-filler.	874,607	Dec. 24	4721	992	131	2023
Lubach, Walter H. (See Broido and Lubach.)						
Lubbers, John H., Allegheny, assignor to Window Glass Machine Company, Pittsburg, Pa. Drawing glass articles.	847,674	Mar. 19	3937	859	127	1054
Lubbers, John H., Allegheny, assignor to Window Glass Machine Company, Pittsburg, Pa. Feed-out device for molten glass.	858,085	June 25	5202	1103	128	3113
Lübcke, Emil, Merseburg, Germany. Combined elevator and builder's crane for moving heavy building materials.	874,778	Dec. 24	5051	1065	131	2079

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Lubin, Siegmund. (See Darcy and Lubin.)						
Lubin, Siegmund. (See Weiser, Orville T., assignor.)						
Luburg, Ellsworth N., assignor of two-thirds to W. W. Varney and A. H. Smith, Baltimore, Md. Trolley-wheel.	873,444	Dec. 10	2333	490	131	1573
Lucas, Finley I. (See Guion, Lucas, and Metcalf.)						
Lucas, Gustave A., Levallois-Perret, France. Sanitary apparatus.	869,001	Oct. 22	2828	778	130	2251
Lucas, Ignatius, Passaic, N. J. Manufacture of blocks.	858,192	June 25	5398	1150	128	3162
Lucas, John J., Belleville, Ill. Sad-iron.	863,861	Aug. 20	2754	757	129	3007
Lucas, Oliver T., Neodesha, Kans. Door-stop.	868,200	Oct. 15	1533	434	130	1824
Luce, Charles J., Niantic, Conn., assignor to Luce Compress & Cotton Company, New Orleans, La. Baling fibrous material and bale.	864,975	Sept. 3	340	91	130	108
Luce Compress & Cotton Company. (See Luce, Charles J., assignor.)						
Luce, George M., St. Louis, Mo. Leg-form.	843,221	Feb. 5	788	162	126	1995
Luce, William, Seaside, Oreg. Automatic propelling life-preserver.	845,659	Feb. 26	5837	1233	126	3356
Lucey, Leo J., Broken Bow, Nebr. Pole-tip.	845,802	Mar. 5	135	25	127	38
Luchinger, Albert, New York, N. Y. Motor-sleigh.	873,062	Dec. 10	1597	334	131	1449
Lucia, Federico S. (See Fittipaldi and Lucia.)						
Lucio, Felipe de, Huaraucaca, Peru. Treating vanadium ores.	863,076	Aug. 13	1576		129	2606
Lück, John, Brooklyn, N. Y. Wave-motor.	861,997	July 30	5696	1580	129	1983
Luckau, Wilhelm H., Magdeburg, Germany. Hot-bed frame.	842,214	Jan. 29	4891	1043	126	1393
Lucke, Carl, Eilenburg, near Leipzig, Germany. Steam-generator.	844,158	Feb. 12	2566	550	126	2467
Lucke, Thomas W., Chicago, Ill. Playing-cards.	855,192	May 28	5697	1186	128	1551
Lucke, Thomas W., Chicago, Ill. Gas-burner.	859,569	July 9	1938	522	129	681
Luckenbach, Harry, assignor to W. H. Kelly, San Francisco, Cal., G. L. Robinson, F. E. Fishel, J. J. Robinson, New York, N. Y., and F. F. Nolte. Treatment of iron and steel.	843,569	Feb. 5	1480	312	126	2161
Luckett, William S., East Orange, N. J., assignor to International Cigar Machinery Company, New York, N. Y. Wrapper-carrier for cigar-machines.	848,666	Apr. 2	90	20	127	1609
Luckett, William S., East Orange, N. J., assignor to International Cigar Machinery Company, New York, N. Y. Cigar-machine.	848,667	Apr. 2	92	21	127	1609
Luckett, William S., East Orange, N. J., assignor to International Cigar Machinery Company, New York, N. Y. Cigar-machine.	851,681	Apr. 30	5967	1247	127	3243
Luckett, William S., East Orange, N. J., assignor to International Cigar Machinery Company, New York, N. Y. Forming cigar-fillers.	862,983	Aug. 13	1422	387	129	2556
Luckett, William S., East Orange, N. J., assignor to International Cigar Machinery Company, New York, N. Y. Cutting mechanism.	864,661	Aug. 27	4006	1112-13	129	3423
Lucock, John S., Washington, Pa. Glass-molding machine.	859,306	July 9	1530	408-9	129	548
Lucock, John S., Washington, Pa. Glass-molding machine.	859,307	July 9	1534	409-10	129	550
Lucock, John S., Washington, Pa. Grinding-machine.	864,791	Sept. 3	42	13	130	16
Ludewig, Carl A. R., Hamburg, Germany. Producing bronze-printings.	846,585	Mar. 12	1759		127	476
Ludwig, William H., Rock Island, Ill. Flushing-tank valve.	846,221	Mar. 5	1013	217	127	257
Ludwig, William H., Rock Island, Ill. Flushing-valve-operating device.	853,813	May 14	2910	598-9	128	780
Ludford, Enoch, Hickory, Va. Sheave-block.	844,159	Feb. 12	2567	550	126	2467
Ludington, Francis H., et al. (See Montgomery, John H., assignor.)						
Ludlow, Frederick A., Birmingham, England. Case of detonating fog-signals for railways.	868,201	Oct. 15	1534	435	130	1824
Ludlow, Israel, New York, N. Y. Street-cleaner.	865,311	Sept. 3	842	242	130	256
Ludlow, James T., and D. Mosher, San Francisco, Cal. Continuous boiling-out still.	853,986	May 21	3289	677	128	913
Ludlow, Rodney F., Philadelphia, Pa. Combined telephone receiver and transmitter.	863,617	Aug. 20	2396	659	129	2893
Ludlow Typograph Company. (See Ludlow, Washington I., assignor.)						
Ludlow, Washington I., Cleveland, Ohio, assignor, by mesne assignments, to Ludlow Typograph Company, Pittsburg, Pa. Typograph.	856,539	June 11	2160	445-6	128	2273
Ludolph, Carl, Berlin, Ontario, Canada. Suspenders.	842,677	Jan. 29	5913	1245	126	1656
Ludvigsen, Christ and E., Jackson, Minn. Horseshoe-calk and making the same.	853,019	May 7	1336	278	128	339
Ludvigsen, Eric. (See Luvigsen, Christ and E.)						
Ludwig, Jacob, and W. Bradbury, Newark, N. J. Vehicle-door.	869,249	Oct. 29	3204	882	130	2395
Ludwig, John H. (See Salver, Harry M., assignor.)						
Ludwig, Oscar, et al. (See Herr, Clarence M., assignor.)						
Ludwig, Thomas, Barmen, Germany. Suspension device particularly adapted for curtains.	856,076	June 4	1195	253	128	1995
Ludwig, Thomas, Barmen, Germany. Suspension device for curtains, &c.	863,618	Aug. 20	2399	659	129	2894
Luckenbach, Anton T., Neenah, Wis. Water-closet-ventilating device.	854,365	May 21	4025	833	128	1102
Lueder, John T., et al. (See Hayward, Eugene, assignor.)						
Lueders, Emil H., Reedsburg, Wis. Spark-arrester.	867,145	Sept. 24	3663	1040	130	1239
Lueders, William H., et al. (See Garrette, John E., assignor.)						
Luedke, Frederick W., Trenton, N. J. Explosive-turbine.	874,693	Dec. 24	4888	1028	131	2051
Luetz, Leonard R. (See Clark, Enos, assignor.)						
Luff, Henry J., assignor to C. N. Fiscus, Cleveland, Ohio. Waste-pipe connection for closet-bowls.	846,929	Mar. 12	2446	536	127	651
Lufkin Rule Company. (See Buck, Fred, assignor.)						
Lufsky, Charles, Chicago, Ill. Bowling-alley.	863,732	Aug. 20	2549	705	129	2942
Lufsky, Charles, Chicago, Ill. Bowling-alley.	873,252	Dec. 10	1959	409	131	1508
Luft, Christian G., Forest, Ohio. Honey-extractor.	875,086	Dec. 31	5703	1189	131	2204
Luft, William, Jersey City, N. J. Curtain-support.	852,187	Apr. 30	7008	1463	127	3510
Luger, Georg, Charlottenburg, Germany. Recoil-operated firearm.	851,538	Apr. 23	5653	1183	127	3134
Luke, Abraham, Elkhart, Ind. Hood for stackers.	845,876	Mar. 5	302	60	127	78
Luke, Abraham, Elkhart, Ind. Clutch for belt-pulleys.	848,183	Mar. 26	4947	1080	127	1336
Lukens, Baltis P., and I. S. Diehl, Allentown, Pa. Vehicle-brake.	848,668	Apr. 2	95	21	127	1609
Lukens, Clarence D., St. Louis, Mo. Identification device.	846,586	Mar. 12	1760	388	127	476
Lukens, Merriken B., Atlanta, Ga. Filtering apparatus.	869,188	Oct. 22	3109	853	130	2335
Lull, Lynn C., Kalamazoo, Mich. Motor-vehicle.	849,549	Apr. 9	1860	378	127	2098
Lull, Lynn C., Kalamazoo, Mich. Motor-vehicle.	857,084	June 18	3214	676	128	2579
Lum, Charles M., et al. (See Benedict, Terah J., assignor.)						
Lum, Frank W., Springfield, Mass. Stocking.	858,006	June 25	5038	1065	128	3070
Lumaghi, Joseph D., et al. (See Rapp, Joseph, assignor.)						
Lumaghi, Louis F., et al. (See Rapp, Joseph, assignor.)						
Lumbard, Melville A. (See McCormick and Lumbard.)						
Lumière, Auguste and L., Lyon-Monplaisir, France. Photographic paper.	853,643	May 14	2565		128	691
Lumière, Louis. (See Lumière, Auguste and L.)						
Lummis, Henry M. (See Cawthorne and Lummis.)						
Lummus, John N. (See Wells, Elisha F., assignor.)						
Lumpkin, James J. (See Johnson, Charles J., assignor.)						
Lumpp, Andrew. (See Silva and Lumpp.)						
Lumsden, John J., et al. (See Baum, James B., assignor.)						
Lumsden Machine Company. (See Battsensby, William, assignor.)						
Lumsden, William G. (See Crosby, Harold A., assignor.)						
Lund, Jacob A., Muskegon, Mich. Water-closet seat.	867,987	Oct. 15	1227	339	130	1732
Lund, Jens G. F., Christiania, Norway. Screw-spanner.	869,443	Oct. 29	3519	966	130	2491

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Lund, Matthew. (See Fox and Lund.)						
Lund, Matthew, assignor of one-half to G. K. McMullen, Grand Rapids, Mich. Street-car fender.	875,541	Dec. 31	6582	1375	131	2349
Lundberg, Endfred, Westfield, N. Y., and J. Hattener, West New York, N. J., assignors to Hardman, Peck & Company, New York, N. Y. Expression-box.	853,814	May 14	2913	599	128	781
Lundberg, Oscar W., Le Mars, Iowa. Tool-handle fastener.	852,731	May 7	717	140	128	188
Lundeberg, Carl F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	853,249	May 14	1774	369	128	483
Lundell, Robert, New York, N. Y. Alternating-current motor. (Reissue.)	12,565	Jan. 15	3722	809	126	1036
Lundell, Robert, New York, N. Y. Dynamo-electric machine or electric motor.	857,184	June 18	3400	717	128	2627
Lundgren, Jacob, Philadelphia, Pa. Braiding-machine.	858,735	July 2	645	170-1	129	222
Lundholm, Charles G., Otis, assignor of one-half to F. E. Davisson, Los Angeles, Cal. Air-brake mechanism.	849,550	Apr. 9	1861	378	127	2098
Lundquist, Augusta, administratrix. (See Lundquist, Samuel.)						
Lundquist, Frank, <i>et al.</i> (See Lundquist, Samuel, assignor.)						
Lundquist, Frank A., Chicago, Ill. Calling device for telephone-exchanges.	846,327	Mar. 5	1202	265-6	127	303
Lundquist, Frank A., Chicago, Ill. Registering device for telephone-exchanges.	846,328	Mar. 5	1206	267	127	305
Lundquist, Frank A., Chicago, Ill. Telephone-exchange.	868,933	Oct. 22	2720	749	130	2217
Lundquist, John, <i>et al.</i> (See Lundquist, Samuel, assignor.)						
Lundquist, Samuel, deceased; A. Lundquist, administratrix, assignor to J. and F. Lundquist, Du Bois, Pa. Engine for operating pumps.	864,662	Aug. 27	4010	1113	129	3424
Lundstrom, Carl J., Little Falls, N. Y. Alining device for sectional bookcases.	856,970	June 11	2970	622	128	2478
Lundstrom, Johan A., Truro, Nova Scotia, Canada. Transformable trunk.	841,992	Jan. 22	4418	952	126	1243
Lundy, Hezekiah S. (See McLeod, Norman J., assignor.)						
Lung Manufacturing Co. (See Nebelthau, Fredrick W., assignor.)						
Lungren, Charles M., Bayonne, N. J., assignor to Safety Car Heating & Lighting Company. Incandescent-gas-lamp bulb.	843,903	Feb. 12	2099	450	126	2352
Lungren, Charles M., Bayonne, N. J., assignor to Safety Car Heating & Lighting Company, New York, N. Y. Forming an incandescent gas-mantle.	845,184	Feb. 26	4895	1038-9	126	3125
Lungren, Charles M., Bayonne, N. J., assignor to Safety Car Heating & Lighting Company. Mounting a mantle.	845,185	Feb. 26	4899	1039	126	3126
Lungren, Charles M., Bayonne, N. J., assignor to Safety Car Heating & Lighting Company. Gas-lamp.	845,186	Feb. 26	4900	1039	126	3126
Lunkenheimer Co. (See Aull, Jerome J., assignor.)						
Lunkenheimer Co. (See Ritter, Henry, assignor.)						
Lunoe, Joseph, assignor of one-fourth to G. Salzer, Minneapolis, Minn. Screw-driver.	866,594	Sept. 17	2820	790	130	943
Lunsford, John H., Lakeside, Nebr. Combined hay stacker and rake.	861,529	July 30	4979	1368-9	129	1764
Lupberger, Matthias, Sandusky, Ohio. Mail-bag.	858,404	July 2	63	18	129	22
Lurty, Charles W., Little Rock, Ark. Tire-valve-stem protector.	875,542	Dec. 31	6584	1375	131	2349
Lurz, Henry, Jersey City, N. J. Kite.	859,395	July 9	1682	448	129	597
Luschka, August R., River Forest, assignor to Western Electric Company, Chicago, Ill. Mercury-interrupter.	866,289	Sept. 17	2384	663-4	130	808
Luse, David N., assignor to Heider Manufacturing Co., Carroll, Iowa. Neck-yoke attachment.	842,791	Jan. 29	6148	1297	126	1711
Lusk, Claude, Wapakoneta, Ohio. Washing-machine.	841,878	Jan. 22	4201	905	126	1192
Lussier, Joseph A., St. Louis Park, Minn. Flax-puller.	861,376	July 30	4752	1298	129	1695
Lustig, Adolphus J., assignor of two-fifths to I. Lehman, Newark, N. J., and L. Kahn, New York, N. Y. Casting ingots.	863,733	Aug. 20	2550	705	129	2943
Lustig, Louis, <i>et al.</i> (See Levin, Moris, assignor.)						
Luten, Daniel B., Indianapolis, Ind. Arch and analogous structure.	840,224	Jan. 1	883	190	126	239
Luten, Daniel B., Indianapolis, Ind. Bridge of concrete or other analogous material.	852,970	May 7	1231	253	128	313
Luten, Daniel B., Indianapolis, Ind. Masonry and concrete structure.	852,971	May 7	1235	254	128	315
Luten, Daniel B., Indianapolis, Ind. Concrete or similar arch.	853,183	May 7	1614	337	128	407
Luten, Daniel B., Indianapolis, Ind. Arch structure.	853,202	May 7	1675	346	128	422
Luten, Daniel B., Indianapolis, Ind. Arch.	853,203	May 7	1677	347	128	423
Luten, Daniel B., Indianapolis, Ind. Arch structure.	853,204	May 7	1679	347	128	423
Lutes, Lewis I., Detroit, Mich., assignor to M. T. Buchanan. Sprayer.	846,491	Mar. 12	1555	344	127	425
Luther, Clevis J., assignor of two-fifths to J. T. Mayberry, Desloge, Mo. Danger-signal.	874,608	Dec. 24	4722	992	131	2023
Luther, Henry R. (See Stockwell and Luther.)						
Luther, Henry R., Newton, and F. F. Stockwell, Jr., Somerville, Mass. Railway-switch structure.	873,761	Dec. 17	2971	631	131	1713
Luther, William C., Newark, N. J. Fountain-pen.	854,227	May 21	3790	782	128	1040
Luther, William C., Newark, N. J. Fountain-pen.	863,803	Aug. 20	2666	736	129	2980
Luther, William M., Buffalo, N. Y. Wood-dressing machine.	843,222	Feb. 5	789	162	126	1995
Luthy, Joseph A., <i>et al.</i> (See Luthy, Joseph O., assignor.)						
Luthy, Joseph O., assignor of three-fourths to J. A. Luthy, W. C. and A. M. E. Kreisle, Austin, Tex. Electric heater for metal-workers.	852,732	May 7	718	140	128	189
Lutjen, John L., New York, N. Y. Door and treadle operating means for self-playing pianos.	861,743	July 30	5308	1464	129	1864
Lutterman, Ault A., Ackley, Iowa. Mail-carrying device.	849,551	Apr. 9	1864	378	127	2099
Luttgen, Eberhard, assignor to Keasbey & Mattison Company, Ambler, Pa. Manufacture of heat-insulating material.	845,365	Feb. 26	5269	1117	126	3217
Lutton, Leslie W., Paterson, N. J. Multiplier mechanism for shuttle-box motions.	863,862	Aug. 20	2755	757-8	129	3007
Lutz, George A., New York, N. Y., and C. C. Sibley, Perth Amboy, N. J. Means for supporting receptacles and the like.	842,479	Jan. 29	5480	1160	126	1551
Lutz, George H., Kansas City, Mo., assignor to Equitable Asphalt Maintenance Company. Surfacing pavements.	850,382	Apr. 16	3395	.....	127	2529
Lutz, John, and J. McKellar, Columbus, Ohio. Weather-strip.	854,899	May 28	5107	1062	128	1404
Lutz, Thomas A., Winburne, Pa. Pick.	845,427	Feb. 26	5381	1142	126	3244
Lutz, William D., Allendale, N. J. Electrically-controlled elevator.	851,682	Apr. 30	5969	1247-8	127	3243
Lutz, William P., Elizabeth township, Miami county, Ohio. Plant and vegetable brooder and grower.	874,218	Dec. 17	3935	831	131	1863
Lutze, Alfred, Halle-on-the-Saale, Germany. Machine for molding plastic materials.	839,941	Jan. 1	282	61-2	126	78
Lutzer, Ernest. (See Boos, August, assignor.)						
Lutzhoff, Elmer E., assignor to H. C. Marsh, Rockford, Ill. Miter-box.	840,640	Jan. 8	1719	378	126	484
Lux, Paul, assignor to Waterbury Clock Co., Waterbury, Conn. Alarm-clock.	866,873	Sept. 24	3253	915	130	1114
Lux, Paul, assignor to Waterbury Clock Co., Waterbury, Conn. Alarm-clock.	869,376	Oct. 29	3411	937	130	2458
Lux, William N., and J. C. Schwenk, St. Louis, Mo. Attachment to grain-binders.	851,177	Apr. 23	4934	1037	127	2955
Luzzi, August F., Cleburne, Tex. Spring-heel.	857,816	June 25	4630	982	128	2968
Lybeck, Nils A., Kearney, Nebr. Shoe-cutting device.	849,149	Apr. 2	1094	219	127	1869
Lybeck, Nils A., New York, N. Y. Shoe-stretcher.	855,110	May 28	5543	1151	128	1513
Lycan, William S., Marshall, Ill. Triple-expansion engine.	855,959	June 4	994	207-8	128	1944
Lydon, Timothy, Baltimore, Md. Apparatus for drawing water from cisterns.	840,855	Jan. 8	2129	469	126	585
Lyford, William E., assignor to Hartford Carpet Corporation, Thompsonville, Conn. Yarn-printing machine.	840,353	Jan. 1	1153	250	126	305
Lyford, William E., assignor to Hartford Carpet Corporation, Thompsonville, Conn. Filling-finger.	847,797	Mar. 19	4177	912	127	1111

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Lyford, William E., assignor to Hartford Carpet Corporation, Thompsonville, Conn. Tray for steaming yarn.....	858,086	June 25	5204	1103	128	3114
Lyke, Howard. (See Wilkes and Lyke.)						
Lyke, Nathaniel, Jamestown, N. Y. Sink-strainer.....	852,233	Apr. 30	7095	1484	127	3532
Lykken, Henry G., University, N. D. Cleaning implement.....	856,168	June 4	1385	292	128	2042
Lyle, Daniel C. (See Gebhart, John C., assignor.)						
Lyle, Daniel C., assignor to Atlanta Utility Works, Inc., East Point, Ga. Separator.....	859,457	July 9	1758	470	129	623
Lyle, Henry C., assignor of one-half to S. V. Weeks, Chattanooga, Tenn. Clutch mechanism.....	855,193	May 28	5699	1186	128	1552
Lyle, John S., McLoud, Okla. Ter. Machine for cleaning and separating cotton from its impurities.....	846,329	Mar. 5	1208	267	127	305
Lyle, Matthew R., Oakland, Cal. Ore-separator.....	840,354	Jan. 1	1155	251	126	306
Lyman, Dwight G., Omaha, Nebr. Carrier.....	841,260	Jan. 15	2959	643	126	840
Lyman, Fred L., St. Louis, Mo. Holder.....	860,397	July 16	3197	874	129	1120
Lyman Gun Sight Corporation. (See Wilcox, George S., assignor.)						
Lyman Gun Sight Corporation. (See Windridge, James, assignor.)						
Lyman Gun Sight Corporation. (See Windridge and Wilcox, assignors.)						
Lyman, John L. (See Colton, Rosto E., assignor.)						
Lynam, Joseph E., San Jose, Cal. Machine for making berry-boxes.....	860,398	July 16	3198	874-6	129	1121
Lynam, Joseph E., San Jose, Cal. Berry-box machine.....	862,085	July 30	5839	1620-1	129	2029
Lynch, Charles, Chicago, Ill. Dumping-wagon.....	847,675	Mar. 19	3938	859	127	1054
Lynch, Daniel, assignor of one-half to F. H. Herhold, Chicago, Ill. Number-transparency for vehicles.....	841,553	Jan. 15	3520	761	126	986
Lynch, Daniel O., assignor of one-half to C. H. Caspar and H. T. Schulz, Wilkes-Barre Pa. Bottle-closure.....	850,437	Apr. 16	3504	732	127	2557
Lynch, Edward P., Salt Lake City, Utah. Stationery-holder.....	844,948	Feb. 19	4418	944	126	2962
Lynch, George E., assignor to J. A. Jeffrey, Columbus, Ohio. Drill.....	874,894	Dec. 24	5263	1108-9	131	2115
Lynch, George M., Los Angeles, Cal. Hydraulic motor.....	859,396	July 9	1682	448	129	598
Lynch, Harry B. (See Baehr and Lynch.)						
Lynch, James, Van Buren, Ark. Automatic brake.....	875,543	Dec. 31	6583	1375-6	131	2349
Lynch, James C., Chicago, Ill. Locking means for bureau-trunks.....	874,518	Dec. 24	4555	956	131	1993
Lynch, James H., Belle Vernon, assignor of one-half to F. G. Myers and T. E. Cunningham, Pittsburgh, Pa. Railway-tie and fastener.....	874,609	Dec. 24	4725	992-3	131	2024
Lynch, John, Trenton, assignor of one-third to F. Lingo, Camden, N. J. Clothes-line support.....	865,923	Sept. 10	1828	511	130	601
Lynch, John T. (See Gasman and Lynch.)						
Lynch, Michael C., et al. (See Lynch, Timothy D., assignor.)						
Lynch, Morris J., Ottawa, Kans. Indicator.....	850,027	Apr. 9	2700	567	127	2309
Lynch, Morris J., Ottawa, Kans. Printer's composing-stick.....	868,676	Oct. 22	2328	644	130	2098
Lynch, Peter J., et al. (See Lynch, Timothy D., assignor.)						
Lynch, Timothy D., assignor of two-thirds to M. C. and P. J. Lynch, San Francisco, Cal. Fireproof construction of buildings.....	847,420	Mar. 19	3412	747	127	919
Lynch, William H., New Bedford, Mass. Automatic ice-elevator.....	875,544	Dec. 31	6586	1376	131	2349
Lynchburg Foundry Co. (See McWane, Charles W., assignor.)						
Lynchburg Foundry Co. (See Proffitt, Edward H., assignor.)						
Lynde, Frank G., assignor to J. A. Weser, New York, N. Y. Mechanical musical instrument.....	873,320	Dec. 10	2102	439	131	1531
Lyndon, Lamar, New York, N. Y. Secondary battery.....	852,569	May 7	398	73	128	105
Lyne, John J., Toronto, Ontario, Canada. Horseshoe.....	852,887	May 7	1065	219	128	272
Lyne, William C. (See Prest, Lyne, and Knudsen.)						
Lynham, William C., Richmond, and W. D. Crews, Concord Station, Va. Combined furrow-opener, fertilizer-distributor, lister, and bedder.....	860,399	July 16	3203	876-7	129	1123
Lynn, George W., Detroit, Mich. Capping apparatus.....	867,890	Oct. 8	1016	290	130	1643
Lynn, James, Tyre, Pa. Key-ring.....	863,297	Aug. 13	1920	519	129	2712
Lynn, James F., Tyre, assignor of one-half to F. B. Dunbar, Imperial, Pa. Wrench.....	860,552	July 16	3420	940	129	1195
Lynn, Robert, High Bridge, N. J. Safe.....	865,602	Sept. 10	1319	374	130	429
Lynn, Robert H., Bolivar, Pa. Veneering-machine. (Reissue).....	12,619	Mar. 19	4614	1011	127	1213
Lynn, Thomas F. (See Liberty, Jerry C., assignor.)						
Lyon, Arthur, High Point, N. C. Machine for leveling chairs, tables, and the like.....	858,299	June 25	5582	1193	128	3209
Lyon, Fred, assignor of one-half to E. E. Ingalls, Ithaca, N. Y. Speed recorder and indicator.....	873,321	Dec. 10	2104	440	131	1531
Lyon, Fred C., Evanston, Ill. Foot-actuated lantern.....	848,184	Mar. 26	4948	1080-1	127	1337
Lyon, Harry, Brockton, Mass., assignor to Nichols-Fifield Shoe Machinery Company, Portland, Me. Inseam-trimmer.....	866,150	Sept. 17	2179	607	130	742
Lyon & Healy. (See Smith, Harry M., assignor.)						
Lyon, Henry C., assignor of two-thirds to D. A. Fosket and J. H. Monroe, Howard Lake, Minn. Hammer.....	858,884	July 2	897	234	129	309
Lyon, James W., Evanston, Ill. Window-fastener.....	853,020	May 7	1337	279	128	339
Lyon, Julian P., Detroit, Mich. Metallic jar-cover.....	860,982	July 23	4123	1129	129	1456
Lyon, Nicholas, Nanty Glo, Pa. Wrench.....	864,007	Aug. 20	2962	817	129	3070
Lyon, Robert W., New York, N. Y. Combined call-bell and speaking-tube.....	868,677	Oct. 22	2328	644	130	2098
Lyon, Sarah L., Philadelphia, Pa. Thread-guard and spool-holder for sewing-machines.....	848,185	Mar. 26	4950	1081	127	1337
Lyon, Wallace C., Hyattsville, Md. Means for reinforcing composition construction of ceilings, walls, &c.....	874,413	Dec. 24	4335	912	131	1961
Lyons, John A. (See Radford, Henry B., assignor.)						
Lyons, John C., McComb, Miss., assignor of one-half to M. D. Wilson, Buffalo, N. Y. Permutation door-knob.....	847,348	Mar. 19	3255	716	127	878
Lyons, John F., Springfield, Mass. Folding lunch-box.....	868,350	Oct. 15	1780	502	130	1898
Lyons, Joseph H. (See Kadow and Lyons.)						
Lyons, Michael H., Brockton, Mass. Lathe for turning irregular shapes.....	853,987	May 21	3291	677	128	914
Lyons, Noble L., Akron, Iowa. Broom and dust-pan hanger.....	873,762	Dec. 17	2973	631	131	1713
Lyons, Patrick J. (See Hartough, D. Maurice, assignor.)						
Lyons, Peter F., Boston, Mass. Flexible connection for water-closets, &c.....	853,515	May 14	2311	479	128	627
Lyons, Robert L., Waltham, Mass. Stitch-forming device for sewing-machines.....	856,645	June 11	2381	490	128	2331
Lyons, Robert L., Waltham, Mass. Thread-cutting device for sewing-machines.....	864,319	Aug. 27	3443	958-9	129	3246
Lyons, Robert L., Waltham, Mass. Sewing on buttons.....	868,282	Oct. 15	1664	470	130	1865
Lyons, William W., Newark, N. J., assignor to Heller Tool Co. Farrier's tool.....	855,111	May 28	5545	1152	128	1513
Lysholm, Henry, Woodbury, N. J. Chain-making machine.....	845,877	Mar. 5	304	61	127	79
Lysinger, William W., Philadelphia, Pa. Machine for forming confections.....	844,883	Feb. 19	4313	920	126	2937
Lyst, Francis, London, England. Internal-combustion engine.....	873,952	Dec. 17	3349	713	131	1775
Lytie, William H., Bedford, assignor of one-half to W. R. Donohoo, Pearl, Ill. Corn-planter.....	843,345	Feb. 5	1031	212-13	126	2051
M. Werk Company. (See Allen, Lewis C., assignor.)						
M. D. Knowlton Company. (See De Smith, Henry, assignor.)						
Maag, Edward L., Clarksburg, Ohio. Sewer-pipe.....	860,400	July 16	3207	877	129	1124
Maas, George H., Fargo, N. D. Box-fastener and seal therefor.....	866,944	Sept. 24	3357	949	130	1146
Maaskant, Cornelis, Waterval Boven, Transvaal. Lock for railway-trucks.....	848,256	Mar. 26	5078	1110	127	1369

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Maass, Francis H., Clinton, Iowa. Attachment for roll-paper cutters.	855,321	May 28	5923	1236	128	1609
Mabey, Charles W., Indianapolis, Ind. Forehead-band.	854,509	May 21	4296	888	128	1168
Mable, William, Fort Collins, Colo. Window-cleaner.	847,486	Mar. 19	3538	774	127	951
Mabus, John. (See Thomas, James, assignor.)						
MacCallejas y Becerra, José, Havana, Cuba. Sugar-cane-straw-cutting machine.	843,479	Feb. 5	1268	266-7	126	2110
MacArthur, Christopher, and F. Smith, assignors to E. C. Powell, London, England. Rotary engine.	851,295	Apr. 23	5188	1089	127	3020
MacCanlis, Harry, <i>et al.</i> (See Rodgers, John F., assignor.)						
MacClerman, Richard H., West Philadelphia, assignor to Contractors Wagon Company, Philadelphia, Pa. Dump-wagon.	840,785	Jan. 8	1999	442	126	553
MacClerman, Richard H., West Philadelphia, assignor to Contractors Wagon Company, Philadelphia, Pa. Dump-wagon.	841,411	Jan. 15	3265	704	126	919
MacClerman, Richard H., assignor to Contractors Wagon Company, Philadelphia, Pa. Dump-wagon.	841,879	Jan. 22	4202	906	126	1192
MacClerman, Richard H., assignor to Contractors Wagon Company, Philadelphia, Pa. Dump-wagon.	842,480	Jan. 29	5481	1160	126	1552
MacClyment, Harry A., Burlington, Iowa. Stoker for furnaces.	855,581	June 4	262	52-3	128	1762
MacCoy, Andrew T., Dover, Mass. Electric motor.	843,287	Feb. 5	930	188	126	2028
MacDonald, Donald. (See Bannerman, Summerton, and MacDonald.)						
MacDonald, Donald G., Detroit, Mich. Concrete sidewalk.	856,409	June 11	1935	398	128	2218
MacDonald, Ellen, Orangeville, Ontario, Canada. Sink-strainer.	862,570	Aug. 6	800	213	129	2332
MacDonald, John W., Pittsburg, Pa. Blast-furnace.	860,983	July 23	4124	1129	129	1456
MacDonald, William H., Boston, assignor to J. S. Wilson, Chelsea, Mass. Clutch.	856,971	June 11	2971	622	128	2479
MacGahan, Paul, Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Coil for electrical apparatus.	873,253	Dec. 10	1960	409	131	1509
MacGregor, Peter, Ottawa, Ontario, Canada. Fastening-button.	861,873	July 30	5516	1522	129	1928
MacGregor, Peter, Ottawa, Ontario, Canada. Fastening-button.	868,791	Oct. 22	2509	691	130	2151
MacGregor, Peter, Ottawa, Ontario, Canada. Fastening device for binding-bars and similar purposes.	872,948	Dec. 3	1317	279	131	1374
MacGregor, Thomas D., Peterborough, Ontario, Canada. Shirt-cuff.	867,524	Oct. 1	448	128	130	1454
MacGuffie, James R., New York, N.Y., assignor to Royal Typewriter Company, Hoboken, N. J. Type-writing machine.	859,308	July 9	1537	410	129	551
MacHarg, William S., Chicago, Ill. Device for extracting fluid from saturated material.	859,309	July 9	1538	410-11	129	551
MacIvor, Ralph W. E., assignor to Metals Extraction Corporation Limited, London, England. Treating nickel ores, &c.	846,492	Mar. 12	1556		127	425
MacIvor, Ralph W. E., assignor to Metals Extraction Corporation Limited, London, England. Treatment of ores containing nickel.	859,776	July 9	2248		129	782
MacIvor, Ralph W. E., assignor to Metals Extraction Corporation Limited, London, England. Treatment of sulfid ores containing zinc.	863,411	Aug. 13	2079		129	2766
MacKaskie, Peter M., Goldfield, Nev. Rotary engine.	868,678	Oct. 22	2330	644-6	130	2098
MacKaskie, Peter M., Butler, assignor of one-half to K. Pittman, Tonopah, Nev. Combination hoist, aerial tramway, and automatic dumping device.	858,814	July 2	793	207-8	129	276
MacKaskie, Peter M., Butler, assignor of one-half to K. Pittman, Tonopah, Nev. Combination hoist, aerial tramway, and automatic dumping device.	858,815	July 2	797	208-9	129	277
MacKaskie, Peter M., Butler, assignor of one-half to K. Pittman, Tonopah, Nev. Combination hoist, aerial tramway, and automatic dumping device.	858,816	July 2	799	209	129	278
MacKay, Alexander S. (See White and MacKay.)						
MacKay, Joseph E., Los Angeles, Cal. Tire.	866,874	Sept. 24	3254	915	130	1115
MacKenzie, Andrew S. (See Dearborn, Cavallaro, and MacKenzie.)						
MacKenzie, Francis A., Louisville, Ky. Boot tree and stretcher.	848,038	Mar. 26	4714	1028	127	1278
MacKenzie, R. J., <i>et al.</i> (See Malburg, Gottfried, assignor.)						
MacKenzie, William J., Dunmurry, Ireland. Electric signaling on railways.	866,945	Sept. 24	3359	950	130	1147
MacKethan, Alfred A., Fayetteville, N. C. Wood-distilling apparatus.	847,676	Mar. 19	3940	860	127	1055
MacLachlan, John C., assignor of one-half to A. P. Hunt, Chicago, Ill. Elastic wheel.	858,462	July 2	148	40	129	50
MacLachlan, John D., Detroit, Mich., assignor to Detroit Steam Engine Company. Valve-gear for engines.	863,545	Aug. 13	2274	620	129	2823
MacLachlan, John D., assignor to Detroit Steam Engine Company, Detroit, Mich. Steam-engine.	863,734	Aug. 20	2553	705-6	129	2943
MacLaughlin, William G., Walkerville, Ontario, Canada. Railway-rail.	853,815	May 14	2916	599-600	128	782
MacLean, James, Boston, Mass. Wrench.	845,187	Feb. 26	4902	1039	126	3127
MacLearn, John P. (See Green and MacLearn.)						
MacLeod, George S., East End, Saskatchewan, Canada. Wire fencing.	850,308	Apr. 16	3247	676	127	2491
MacMahon, Stephen A. (See Woolley, Leonidas G., assignor.)						
MacMartin, James, Albany, N. Y. Railway-tie.	862,263	Aug. 6	257	73	129	2161
MacMullan, Charles S., Oakland, Cal. Handhold-strap for automobiles.	855,112	May 28	5547	1152	128	1514
MacMullen, Truman F., Maryland, Pa. Valve.	861,039	July 23	4212	1153	129	1482
MacMurray, James E., assignor to Acme Flexible Clasp Company, Chicago, Ill. Manufacturing double-hook sheet-metal bed-fasteners.	841,798	Jan. 22	4031	870	126	1150
MacNelly, Mathias F., assignor of one-half to O. R. Vasbinder, Buffalo, N. Y. Fastening device.	873,063	Dec. 10	1597	334	131	1449
MacRae, Alexander W. (See Atkins, William, assignor.)						
MacRae, Charles J., St. Louis, Mo. Propeller.	850,383	Apr. 16	3396	710-11	127	2529
MacRonald, Adelbert H., assignor to Thomas Laughlin Company, Portland, Me. Link.	866,151	Sept. 17	2181	608	130	743
Macaire, Gustave, Rickmansworth, England. Photographic film.	861,472	July 30	4907	1347	129	1740
Macallen Company. (See Andersen, Theodore C. J., assignor.)						
Macansh, Andrew W. I., <i>et al.</i> (See Hawkins, Thomas H., assignor.)						
Macaulay, Charles R. (See Duncan, Prichard, and Macaulay.)						
Macbeth, Charles E., assignor to Long & Allstatter Company, Hamilton, Ohio. Tongueless cultivator.	843,160	Feb. 5	654	137	126	1960
Macbeth, Darg A., New York, N. Y. Temporary holder for safety-razor blades.	850,767	Apr. 16	4136	866	127	2715
Macbeth-Evans Glass Company. (See Macbeth and Schnelbach, assignors.)						
Macbeth-Evans Glass Company. (See Schnelbach, Henry A., assignor.)						
Macbeth, George A., Pittsburg, Pa. Forming apertures in glass.	852,129	Apr. 30	6914	1444	127	3485
Macbeth, George A., and M. A. Schnelbach, assignors to Macbeth-Evans Glass Company, Pittsburg, Pa. Lamp-globe.	845,962	Mar. 5	491	101	127	127
Macbeth, Norman, St. Anne-on-the-Sea, England. Internal-combustion engine.	868,202	Oct. 15	1535	435-7	130	1824
Maccallum, James, St. Louis, Mo. Flexible back for paper pads and books.	855,322	May 28	5924	1236	128	1610
Macdonald, Harry P., Montclair, assignor to Sneed & Company Iron Works, Jersey City, N. J. Door-hanger.	853,250	May 14	1779	370	128	484
Macdonald, Harry P., Montclair, assignor to Sneed & Company Iron Works, Jersey City, N. J. Sliding-door fastener.	583,251	May 14	1781	370	128	485
Macdonald, Murdoch, Cleveland, Ohio, assignor to Macdonald Ticket and Ticket Box Company. Holder for tickets, checks, &c.	856,410	June 11	1936	398	128	2219
Macdonald, Peter J., Bangor, Me. Block.	862,647	Aug. 6	915	246	129	2368
Macdonald, Roderick, Glace Bay, Nova Scotia, Canada. Ventilator.	861,872	July 30	5515	1522	129	1928

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Macdonald, Thomas A., Midvale, assignor of forty-five one-hundredths to R. Godfrey, Clifton, N. J. Album.	875,545	Dec. 31	6589	1377	131	2350
Macdonald, Thomas H., assignor to American Graphophone Company, Bridgeport, Conn. Combined recorder and reproducer.	842,897	Feb. 5	107	26	126	1817
Macdonald, Thomas H., assignor to American Graphophone Company, Bridgeport, Conn. Talking-machine record.	862,407	Aug. 6	504	135	129	2244
Macdonald, Thomas H., assignor to American Graphophone Company, Bridgeport, Conn. Recorder and reproducer.	873,763	Dec. 17	2974	631	131	1713
Macdonald, Thomas H., assignor to American Graphophone Company, Bridgeport, Conn. Combined recorder and reproducer for talking-machines.	874,973	Dec. 31	5481	1145	131	2168
Macdonald, Thomas H., and F. L. Capps, assignors to American Graphophone Company, Bridgeport, Conn. Sieve for use in making disk sound-records.	865,716	Sept. 10	1492	421-2	130	485
Macdonald Ticket and Ticket Box Company. (See Macdonald, Murdoch, assignor.)						
Macdonald, William S. (See Pemberton and Macdonald.)						
Mace, Homer M., Catskill, N. Y. Surgical bandage.	866,666	Sept. 24	2933	830	130	1008
Mace, May L., Portland, Oreg. Washboiler-drainer.	862,177	Aug. 6	106	28	129	2117
Macfarlane, George F. (See Ferenbach and Macfarlane.)						
Macfarlane, George F., and C. Ferenbach, Wilkes-Barre, Pa. Roll for doubling and twisting machines.	864,548	Aug. 27	3834	1062	129	3371
Macfarlane, James W. (See Laidlaw and Macfarlane.)						
Macfarlane, Oliver P., et al. (See Ross, Sidney J., assignor.)						
Macfarlane, Oliver P., et al. (See Schofield, Harry, assignor.)						
Macfarlane, William P. A., Chicago, Ill. Fluid-pressure brake.	845,713	Feb. 26	5937	1254-5	126	3382
Macfarlane, William P. A., assignor to R. Fitzgerald, Chicago, Ill. Fluid-pressure brake.						
Macfarren, Walter W., Pittsburg, Pa. Safety device for car-hauls.	845,366	Feb. 26	5270	1118	126	3217
Macfarren, Walter W., assignor to W. H. Donner, Pittsburg, Pa. Automobile.	844,376	Feb. 19	3047	652	126	2628
Macfarren, Walter W., assignor to W. H. Donner, Pittsburg, Pa. Transmission-gear.	859,235	July 9	1424	378-9	129	514
Macfarren, Walter W., assignor to W. H. Donner, Pittsburg, Pa. Steering-gear for automobiles.	860,309	July 16	3059	837-8	129	1075
Macfarren, Walter W., assignor to W. H. Donner, Pittsburg, Pa. Spring-suspension for vehicles.	867,282	Oct. 1	81	25	130	1338
Macgill, Robert R., Baltimore, Md. Sanitary mouthpiece-guard.	869,583	Oct. 29	3753	1027	130	2564
Macgowan and Finigan Foundry & Machine Co. (See Macgowan, Peter S., assignor.)	844,949	Feb. 19	4420	944	126	2963
Macgowan, Peter S., assignor to Macgowan and Finigan Foundry & Machine Co., St. Louis, Mo. Power-hammer.	865,787	Sept. 10	1603	453-4	130	520
Macgregor, John T., assignor of three-fourths to J. C. and P. G. Dietrich and F. D. Palmer, Galt, Ontario, Canada. Car-fender.	862,261	Aug. 6	255	73	129	2161
Machacek, Mike, New Prague, Minn. Emery grinding-machine.	845,878	Mar. 5	308	61	127	80
Machado, John, Boston, Mass. Hair-dresser's tool.	861,596	July 30	5088	1396	129	1800
Machell, Robert H. (See Haller and Machell.)						
Machen & Mayer Electrical Manufacturing Company. (See Mayer, Walter S., assignor.)						
Machlet, Adolph W., Elizabeth, N. J. Case-hardening.	847,588	Mar. 19	3741	822	127	1007
Machlet, Adolph W. and F. W., Elizabeth, N. J. Furnace.	857,292	June 18	3600	762	128	2678
Machlet, Fritz W. (See Machlet, Adolph W. and F. W.)						
Machlet, George, Jr., Elizabeth, N. J. Gas-burner.	842,792	Jan. 29	6149	1297	126	1711
Machlet, George, Jr., Elizabeth, N. J. Air or gas pump, &c.	849,482	Apr. 9	1723	349-50	127	2063
Machris, Alfred F. (See Smith and Machris.)						
Machris, George L. (See Smith and Machris.)						
Machtolf, Josef, Böblingen, Germany. Production of amorphous carbon.	872,949	Dec. 3	1318	279	131	1375
Machtolf, Josef, Böblingen, Germany. Apparatus for producing carbon.	872,950	Dec. 3	1323	280	131	1375
Mack, David, Dana, Ind. Mail-bag exchanger.	847,960	Mar. 19	4539	997	127	1196
Mack, Frank J., et al. (See Baum, James B., assignor.)						
Mack, John. (See Carroll, William N., assignor.)						
Mack, Walter S. (See Beighle, William J., assignor.)						
Mack, William H. (See Dicks, Thomas A., assignor.)						
Mack, William H., Wilkinsburg, Pa. Hose-coupling.	861,300	July 30	4619	1263	129	1653
Mackay, Daniel, Pittsburg, Pa. Glove.	852,972	May 7	1237	254	128	315
Macke, Robert C. (See Myers, Harry H., assignor.)						
Mackeown, Joseph J., New York, N. Y. Coin-controlled liquid-dispensing apparatus.	854,097	May 21	3527	728	128	971
Mackey, James, assignor of one-half to A. J. Head, Prescott, Ariz. Ter. Head-rest for chairs.	860,222	July 16	2933	801	129	1032
Mackey, Joseph L., Blountville, Tenn. Fence.	862,262	Aug. 6	256	73	129	2161
Mackie, Henry A., New Orleans, La. Distilling apparatus.	864,320	Aug. 27	3445	959	129	3247
Mackie-Lovejoy Manufacturing Company. (See Spruce, Clifford J., assignor.)						
Mackie, William. (See Wallace and Mackie.)						
Mackillop, Gardiner H. (See Beynon and Mackillop.)						
Mackin, Joseph F., Columbus, Ohio. Contact-pole retriever.	860,681	July 23	3646	999	129	1302
Mackintosh, Frederick, Schenectady, N. Y., assignor to General Electric Company. Resistance unit.	854,748	May 28	4773	991	128	1318
Mackintosh, Henry B., Rossland, British Columbia, Canada. Seal-lock.	875,087	Dec. 31	5705	1189	131	2205
Macklin, Athol B., Ottawa, Ontario, Canada. Ship-salvage system.	865,193	Sept. 3	652	185	130	199
Macklind, William R., Mineral Point, Mo. Evaporating-pan.	849,003	Apr. 2	778	158-9	127	1786
Maclachlan, John E., Boston, Mass. Loose-leaf binder.	873,151	Dec. 10	1757	370	131	1476
Maclean, Alexander J., New York, N. Y. Device for preventing racing of marine engines.	863,735	Aug. 20	2555	706	129	2944
Macleod, Arthur W. (See Plato, Marcus, assignor.)						
Macleod, Frank N., East Providence, and C. A. Rich, assignors to Brown & Sharpe Manufacturing Company, Providence, R. I. Chuck.	843,682	Feb. 12	1686	358	126	2250
Maclin, Edward S., Knoxville, Tenn. Dump-car.	874,519	Dec. 24	4555	956	131	1994
Macloskie, George, Schenectady, N. Y., assignor to General Electric Company. Air-brake system.	843,758	Feb. 12	1824	388	126	2285
Macloskie, George, Schenectady, N. Y., assignor to General Electric Company. Air-brake system and engineer's valve.	851,818	Apr. 30	6245	1303	127	3317
Macloskie, George, Schenectady, N. Y., assignor to General Electric Company. Air-brake system.	869,444	Oct. 29	3520	967	130	2492
Macloskie, George, Schenectady, N. Y., assignor to General Electric Company. Brake-leverage system.	872,661	Dec. 3	723	150	131	1281
Macmillan, Campbell, Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine.	850,664	Apr. 16	3952	826	127	2672
Macmillan, Campbell, Schenectady, N. Y., assignor to General Electric Company. Power-transmission mechanism.	854,749	May 28	4774	991-2	128	1318
Macmillan, Campbell, Schenectady, N. Y., assignor to General Electric Company. Resistance unit.	869,314	Oct. 29	3313	911	130	2428
Macnab, King F. (See McCabe and Lavoie, assignors.)						
Macneil, Alfred B., and J., Glasgow, Scotland. Manufacture of golf-balls.	843,346	Feb. 5	1036	213	126	2051

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Macneil, Jennie. (See Macneil, Alfred B. and J.)						
Macnish, Frederick J., Oak Park, Ill., assignor to Creamery Package Mfg. Company. Starter-can	845,469	Feb. 26	5481	1161	126	3269
Macnish, Frederick J., Oak Park, Ill., assignor to Creamery Package Mfg. Company. Cheese-vat	845,470	Feb. 26	5486	1161-2	126	3270
Macnish, Frederick J., Oak Park, Ill., and W. E. Penn, Lakemills, Wis., assignors to Creamery Package Mfg. Company, Chicago, Ill. Butter-cutter	845,468	Feb. 26	5477	1160	126	3268
Macomber, Herbert H., assignor to Flint & Walling Manufacturing Company, Kendallville Ind. Frost-proof conduit	854,366	May 21	4026	833	128	1103
Macomber, Herbert H., assignor to Flint & Walling Manufacturing Company, Kendallville Ind. Tank-support	861,473	July 30	4909	1347	129	1741
Macomber, Isaac B., Portsmouth, R. I. Trousers-stretcher	855,794	June 4	674	138	128	1867
Macomber, William, assignor to General Railway Signal Company, Buffalo, N. Y. Railway switching system	856,273	June 11	1604	336	128	2133
Macomber, William, assignor to General Railway Signal Company, Buffalo, N. Y. Railway switching and signaling apparatus	872,570	Dec. 3	534	111-12	131	1250
Maconochie, Richardson. (See Rhodes and Maconochie.)						
Maconochie, Richardson, Birmingham, England. Indicator	841,028	Jan. 8	2483	541	126	676
Macphail, James, Davenport, Iowa. Flask for sand-molds	842,322	Jan. 29	5111	1087	126	1448
Macphail, James, Moline, Ill., assignor, by mesne assignments, to Killing Molding Machine Company, Davenport, Iowa. Mold-forming machine	850,768	Apr. 16	4137	866	127	2715
Macphail, James, Moline, Ill., assignor, by mesne assignments, to Killing Molding Machine Company, Davenport, Iowa. Mold-forming machine	850,769	Apr. 16	4140	866	127	2716
Macphail, James, Moline, Ill., assignor, by mesne assignments, to Killing Molding Machine Company, Davenport, Iowa. Mold-forming machine	850,770	Apr. 16	4141	866	127	2717
Macpherson, Peter, Worcester, Mass., assignor to Crompton & Knowles Loom Works. Loom-shuttle check	860,043	July 16	2675	728	129	950
Macpherson, Peter, Worcester, Mass., assignor to Crompton & Knowles Loom Works. Loom shuttle-check	864,900	Sept. 3	216	60	130	67
Macquisten, Arthur P. S., Glasgow, Scotland. Separating solids	865,194	Sept. 3	655	185-6	130	199
Macquisten, Arthur P. S., Glasgow, Scotland. Apparatus for separating solid particles from each other	865,195	Sept. 3	657	186	130	199
Macquisten, Arthur P. S., Glasgow, Scotland. Apparatus for separating solid particles from each other	865,260	Sept. 3	754	215	130	229
Macrate, Michael N., and J. A. Toomey, Los Angeles, Cal. Oil-burning system	851,953	Apr. 30	6535	1362	127	3390
Macropoulos, Constantine D., London, England. Rotary engine	861,377	July 30	4753	1298	129	1695
Macrum, Howard, Cleveland, Ohio. Puzzle or game apparatus	863,412	Aug. 13	2079	560	129	2766
Macwilliam, Hugh G., New Rochelle, N. Y. Garment-supporter	849,801	Apr. 9	2318	476	127	2213
Macwilliam, Hugh G., New Rochelle, N. Y. Garment-supporter	849,906	Apr. 9	2516	520	127	2265
Macwilliam, Hugh G., New Rochelle, N. Y. Hose-supporter	847,064	Sept. 24	3549	1005	130	1206
Macy, Reuben H., West Palmbeach, Fla. Dentimeter	861,874	July 30	5517	1522	129	1928
Macy, William H., and J. H. Wilbur, Carthage, Mo. Jar-wrench	852,234	Apr. 30	7096	1484	127	3532
Madden, J. F., et al. (See Miller, Harry H., assignor.)						
Madden, Patrick J., Chicago, Ill. Hinge	841,333	Jan. 15	3108	672	126	879
Maddin, Samuel D., Detroit, Mich. Vehicle	840,146	Jan. 1	730	158-9	126	199
Maddock, Edward S., Chicago, Ill. Telephone attachment	860,044	July 16	2676	728	129	950
Maddock, Harry S. (See Kelly and Maddock.)						
Maddock, John, Trenton, N. J. Lavatory and means for supporting same	847,018	Mar. 12	2600	570	127	690
Maddox, Ernest C., assignor of one-half to C. A. Hoops, Woodward, Okla. Exhaust-control mechanism for gas-engines	874,974	Dec. 31	5483	1145	131	2168
Madden, Harold H., Hollywood, Cal. Pipe-tongs	874,854	Dec. 24	5186	1092	131	2103
Madeley, George E., Kaufman, Tex. Railway-switch	847,089	Mar. 12	2746	655-6	127	724
Mader, Nicholas P., Sun Prairie, Wis. Belt-fastener	869,584	Oct. 29	3755	1028	130	2564
Madill, William T., Highfield, Ontario, Canada. Band-cutter and feeder	842,398	Feb. 5	109	26	126	1817
Madison, Alfred L., assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Hemmer	843,347	Feb. 5	1037	214	126	2052
Madison Kipp Lubricator Company. (See Parr, William E., assignor.)						
Madison Kipp Lubricator Company. (See Stetling, Albert A., assignor.)						
Madison Kipp Lubricator Company. (See Winkley, Frank D., assignor.)						
Madison, Warren B., Minneapolis, Minn. Cabinet	866,043	Sept. 17	2020	563	130	691
Mädler, Arno, V. Hartung, and W. Griesing, Cassel, Germany. Snap-hook	848,257	Mar. 26	5081	1110	127	1370
Madore, William J., and H. Boerner, Paris, Tenn. Cover or lid support for barrels	849,552	Apr. 9	1866	379	127	2100
Madsen, Mads H., Kimballton, Iowa. Hay-handling mechanism	852,733	May 7	7260	140	128	189
Madsen, Rasmus, Hartford, Conn. Combination-tool	853,558	May 14	2389	497	128	646
Madsin Mads J., et al. (See Jewell, John, assignor.)						
Maechler, Walter, Chicago, Ill. Coffee-holder	846,587	Mar. 12	1762	389	127	477
Mael, Peter E., Mount Horeb, Wis. Monument	865,410	Sept. 10	1009	288	130	335
Magazine and Book Company of New York. (See Reohr, John H., assignor.)						
Magee, Alexander M., and W. N. Earle, St. John, New Brunswick, Canada. Ribbon-fastening machine	853,816	May 14	2918	600	128	782
Magee, Spencer E. (See Patterson and Magee.)						
Magelssen, Jacob A., Melville, Mont. Sheep-branding machine	849,691	Apr. 9	2112	434	127	2160
Magenheimer, Franklin C., Evansville, Ind. Wrench	856,169	June 4	1386	292	128	2042
Magerry, George A., Allegheny, Pa. Sad-iron	858,998	July 2	1075	282	129	367
Maggiui, Peter E., Los Angeles, Cal. Inhaling apparatus	858,736	July 2	648	171	129	224
Magic Broom-Holder Company. (See Jack, Robert E., assignor.)						
Magidson, Frank. (See Wolkosky, Magidson, Printz, and Wolkosky.)						
Magidson, Frank, assignor to Westmoreland Automatic Machine Company, Irwin, Pa. Shoe-polishing machine	868,351	Oct. 15	1781	503	130	1898
Magie, Morton H., and C. N. Winters, Bakersfield, Cal. Motor-vehicle	849,483	Apr. 9	1729	350-1	127	2064
Magill, Fergus, Williamsport, Pa. Pruning-shears	866,875	Sept. 24	3255	915	130	1115
Maginn, John J., and A. E. Cary, Greeley, Nebr. Draft attachment	865,924	Sept. 10	1829	511	130	601
Magnasco, Giovanni, assignor to Società Italiana dei Fori, Genoa, Italy. Oven or stove	865,971	Sept. 10	1900	532	130	623
Magni, Umberto, San Francisco, Cal. Burglar-alarm	875,197	Dec. 31	5915	1232	131	2241
Maguiez, Paul F. E., Amiens, France. Machine for preparing chocolate icing	847,019	Mar. 12	2602	570-1	127	690
Magnusson, John F., Yonkers, N. Y. Cutting-tool	869,002	Oct. 22	2829	779	130	2252
Magnussen, Ole, Attleboro, Mass. Sealing-cap for packages	858,523	July 2	275	68	129	98
Magoon, Augustus, Logan, assignor of one-half to J. W. Jones, Haydenville, Ohio. Treating brick	873,568	Dec. 10	2592		131	1615
Magoon, Roy L., Graceville, Minn. Mouth-prop	856,352	June 11	1813	375	128	2189
Magoris, Anthony E., Binghamton, N. Y. Garment-stay	844,160	Feb. 12	2569	550	126	2467
Magoun, Abner B., Brant Rock, Mass. Self-fastening postal card	853,889	May 14	3092	634	128	823
Magoun, Abner B., Brant Rock, Mass. Right-angle-triangle letter-sheet envelop	853,890	May 14	3093	634	128	823
Magowan, Frank A., New York, N. Y. Making rubber articles	852,130	Apr. 30	6916	1444	127	3486
Magruder, James F., Meadville, Pa. Candy-spinning machine	866,946	Sept. 24	3361	951	130	1148
Maguire, Albert M., Indianapolis, Ind. Reel	850,236	Apr. 16	3119	652	127	2455

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Mahaffey, James W., Pueblo, Colo. Artificial foot.....	854,510	May 21	4297	888	128	1168
Mahan, Frank M., Chicago, Ill. Aerial navigator.....	861,133	July 23	4345	1191	129	1528
Mahar, Matthew H., Bay City, Mich. Derailing-switch.....	856,274	June 11	1617	336	128	2137
Maher, George J., <i>et al.</i> (See Moriarty, William, assignor.)						
Mahla, Charles, West Hoboken, N. J. Alarm.....	843,904	Feb. 12	2104	450	126	2354
Mahlen, Anton, Superior, Wis. Band-cutter and feeder.....	874,975	Dec. 31	5484	1146	131	2168
Mahon, Aurelius W., Richmond, Va. Combined turn-designating apparatus and coin-counter.....	841,554	Jan. 15	3521	761	126	986
Mahoney, Joseph N., Brooklyn, assignor to himself, J. D. Leys, and S. Jacobson, New York, N. Y. Brake for power-driven vehicles.....	874,219	Dec. 17	3936	831	131	1863
Mahoney, Michael F., New Haven, assignor of one-half to J. W. Doyle, East Haven, Conn. Sheet-feeding mechanism.....	873,322	Dec. 10	2106	440-1	131	1532
Mahoney, Stephen. (See Sciple, Henry M., assignor.)						
Mahony, Catharine, <i>et al.</i> (See Weston, Milton T., assignor.)						
Mahr, Ernest, College Place, Wash. Tender for traction-engines.....	863,546	Aug. 13	2275	620-1	129	2824
Mai, Bernhard, Erfurt, Germany, assignor to L. May, Newport, R. I. Cherry-stoner.....	843,955	Feb. 12	2197	470	126	2377
Maiben, Charles H., Logansport, Ind. Laundry-marking machine.....	874,220	Dec. 17	3933	832	131	1864
Maier, Charles, Newark, and F. Sanford, Jersey City, N. J. Air-brake-hose coupling.....	859,236	July 9	1427	379	129	515
Maierhofer, John W. (See Ullrich and Maierhofer.)						
Maigen, Jean A., Philadelphia, Pa. Clarifying aqueous solutions.....	875,088	Dec. 31	5708		131	2205
Maignen, Prosper A., and T. I. Crane, Philadelphia, Pa. Desiccating air.....	853,559	May 14	2391	498	128	646
Maihama, Frank, U. S. Navy. Leak-stopper.....	868,574	Oct. 15	2129	595	130	2006
Maillox, Harvey A., St. Albans, Vt. Curtain-pole.....	847,589	Mar. 19	3748	822	127	1008
Main Automatic Mailing Machine Company. (See Booton, Chauncey H., assignor.)						
Main, Frank J., and R. C. Wildhagen, Madison, Wis. Band-cutter and feeder for corn-huskers.....	849,075	Apr. 2	922	188-9	127	1823
Main, James R., Pittsburg, Pa. Stamping-die.....	864,976	Sept. 3	342	91	130	108
Main, Lawrence. (See Oster and Main.)						
Main, Marvin D., assignor of one-half to L. R. Lewis, Cortland, N. Y. Plow.....	852,843	May 7	956	196	128	244
Maine Valve Company. (See Tozier, Charles C., assignor.)						
Maingault, William P., Memphis, Tenn. Vaporizing device for lubricants.....	850,771	Apr. 16	4144	667	127	2718
Mains, Claude P., assignor of one-half to G. Deddens, Cincinnati, Ohio. Sectional pneumatic tire.....	856,411	June 11	1939	398	128	2220
Mains, George A., Thompson, Mont. Strap-fastener.....	869,866	Oct. 29	4180	1154	130	2690
Mainster, Samuel F., and P. E. Wilson, Baltimore, Md. Feed-bag.....	855,194	May 28	5702	1187	128	1553
Maisongrande, Edmond, Angers, France. Headlight for vehicles.....	858,990	July 2	1075	283	129	366
Maisongrande, Edmond, Angers, France. Headlight for vehicles.....	859,090	July 2	1200	323	129	406
Maitland, William A., Sharon, Pa. Metallic tie and rail-fastener.....	862,086	July 30	5542	1621	129	2031
Majert, Wilhelm, Berlin, Germany. Stable hydrosulfite mixture and making same.....	861,218	July 23	4471		129	1569
Major, Alphonse, Brooklyn, N. Y. Cooker.....	850,028	Apr. 9	2703	568	127	2309
Major, Enoch H., Nashua, N. H., assignor to Draper Company, Hopedale, Mass. Lug-strap holder for looms.....	846,039	Mar. 5	650	136	127	166
Major, Thomas, Frankfort, Ind. Clay-cutter.....	869,098	Oct. 22	2968	820	130	2294
Major, W. W., <i>et al.</i> (See Posey, James A., assignor.)						
Majors, George S., Eldorado Springs, Mo. Gate.....	863,804	Aug. 20	2669	736	129	2980
Makepeace, Nancie S., Dayton, Ohio. Flag-holder.....	846,222	Mar. 5	1016	217	127	258
Makin, Peter, Sparrows Point, Md. Pencil-sharpener.....	841,555	Jan. 15	3522	761	126	987
Makley, John N., E. F. Manett, and F. M. Dannelly, assignors to Standard Electric Company, Dallas, Tex. Switching device.....	843,473	Feb. 5	1248	262-4	126	2105
Makover, Bernard. (See Emanuel, Solomon H., assignor.)						
Malaby, John G., and C. E. Oxford, Foreman, Ark.; said Malaby assignor to said Oxford. Telephone-box hanger.....	872,832	Dec. 3	1086	227	131	1337
Malan, Ernest D. (See Brown and Malan.)						
Malan, Ernest D., London, England. Signal apparatus.....	851,362	Apr. 23	5318	1114	127	3051
Malar, Georges, Tourcoing, France. Desuinting apparatus.....	851,539	Apr. 23	5655	1183-4	127	3134
Malburg, Gottfried, assignor of three-fourths to A. A. Maresh, R. J. MacKenzie, T. Hanks, F. McHale, and F. Mathews, Cleveland, Ohio. Power-transmitting mechanism.....	872,999	Dec. 3	1422	297	131	1392
Malcolm, James, Holyoke, Mass. Police-leader.....	863,298	Aug. 13	1921	519	129	2712
Maley, Nixon. (See Cruikshank, William Y., assignor.)						
Mali, Chris. W. (See Linn, Clyde H., assignor.)						
Mallick, Henry, Belmont, W. Va. Ink-well.....	856,077	June 4	1196	254	128	1995
Mallam, Guy H., Kansas City, Mo. Digester for wood fiber.....	850,384	Apr. 16	3397	711	127	2529
Mallard, Logan L., Atlanta, Ga. Dental chair.....	858,193	June 25	5399	1150	128	3162
Mallard, Logan L., assignor of one-half to W. A. Sims, Atlanta, Ga. Cuff-holder.....	858,300	June 25	5584	1193	128	3210
Mallard, Logan L., assignor of one-half to B. F. Bell and one-third to W. A. Sims, Atlanta, Ga. Switch mechanism.....	847,349	Mar. 19	3257	716-17	127	879
Malleable Castings Company. (See Buckius, Albert O., Jr., assignor.)						
Mallett, Baker, Edwards, Miss. Wrench.....	853,102	May 7	1474	308	128	373
Mallett, John P., Madison, Wis., assignor to General Electric Company. Core-separator.....	850,116	Apr. 9	2885	603	127	2353
Mallett, John P., and T. E. Drohan, assignors to Northern Electrical Manufacturing Company, Madison, Wis. Brush-holder.....	850,237	Apr. 16	3120	652	127	2455
Mallette, James A., St. Louis, Mo. Lock-switch.....	849,907	Apr. 9	2517	520	127	2265
Mallison, Alvin H., assignor to Underwood and Underwood, Arlington, N. J. Photographic printing apparatus.....	862,264	Aug. 6	258	73-5	129	2162
Mallon, Francis T., Brooklyn, N. Y. Means for securing portraits and other tablets to walls.....	846,493	Mar. 12	1556	345	127	426
Mallon, James, New Orleans, La. Horse-power.....	841,412	Jan. 15	3267	704	126	920
Mallonee, James W., Benedict, Nebr. Pump-piston.....	855,647	June 4	386	80	128	1793
Mallory, Alonzo R., deceased, Atlanta, Ga.; H. P. Mallory, administrator. Plow-stock.....	848,913	Apr. 2	632	127	127	1750
Mallory, C. N. (See Davis, James H., assignor.)						
Mallory, Charles M., and J. M. Slaughter, assignors of one-half to Nixon Mining Drill Company Inc., Chattanooga, Tenn. Insulator-pin-making machine.....	868,575	Oct. 15	2131	595-7	130	2007
Mallory, Charles M., and J. M. Slaughter, assignors of two-thirds to E. H. Sholar and F. P. Llewellyn, Chattanooga, Tenn. Reversible disk plow.....	869,499	Oct. 29	3608	990-1	130	2519
Mallory, George W., Detroit, Mich. Door-catch.....	849,692	Apr. 9	2114	435	127	2161
Mallory, George W., Blenheim, Ontario, Canada. Door check and closer.....	863,413	Aug. 13	2080	561	129	2766
Mallory, Harry C., New York, N. Y. Heating system.....	851,363	Apr. 23	5320	1114-16	127	3051
Mallory, Howard P., administrator. (See Mallory, Alonzo R.)						
Mallory, James L., Evanston, Ill. Screen.....	869,315	Oct. 29	3314	911	130	2429
Mallory, John P., <i>et al.</i> (See Bynum, Samuel B., assignor.)						
Mallory, Arthur H., Chicago, Ill. Propelling and steering mechanism for air-ships.....	857,949	Jan. 25	4889	1033-4	128	3032
Mallory, John J., Brockton, Mass. Die-plate.....	840,147	Jan. 1	731	159	126	199
Mallory, William J., Chicago, Ill. Hammer.....	842,323	Jan. 29	5112	1087	126	1449
Malm, Andrew. (See Fredrikson, Adolf, assignor.)						
Malmquist, Charles, Sioux City, Iowa. Street-sweeping machine.....	873,569	Dec. 10	2593	546	131	1616

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Malmstrom, Knut, West Kensington, assignor to F. S. M. Syndicate, Limited, London, England. Cash-receiving and change-making machine.	850,842	Apr. 16	4286	899-901	127	2754
Malocsay, Frank X., assignor to American Tobacco Company, New York, N. Y. Machine for applying mouthpieces to cigarettes.	840,004	Jan. 1	400	87-9	126	108
Malocsay, Frank X., assignor to himself, E. F. and L. F. Roos, Jr., P. Schnitger, L. F. Roos, Sr., and E. P. Schnitger, New York, N. Y. Labeling-machine.	855,715	June 4	513	107-8	128	1826
Malone, David H., Kelso, Wash. Grocery-bin.	856,646	June 11	2383	490	128	2331
Malone, David H., Kelso, Wash. Pivoted bin.	872,662	Dec. 3	724	150	131	1281
Malone, Thomas B., Buffalo, Ind. Burial-vault.	857,245	June 18	3503	740	128	2653
Malone, William M., Wandri Narrabri, New South Wales, Australia. Fastening for boots and shoes and leggings, &c.	856,714	June 11	2512	516	128	2364
Maloney, Charles L., Denver, Colo. Displaying and vending device.	840,702	Jan. 8	1833	404	126	513
Maloney, John L. (See Springer and Maloney.)						
Maloney, John L., and E. S. Springer, Leavenworth, Kans. Gas-burner.	853,021	May 7	1338	279	128	340
Maloney, Oscar D., <i>et al.</i> (See Perkins, George E., assignor.)						
Maloney, William, assignor of one-half to Frost and Wood Company Limited, Smith's Falls, Ontario, Canada. Combined cutting-knife and distributor for harvesting-threshers.	855,519	June 4	147	29	128	1731
Malory, James A., Halls, Mo. Combined brier-cane pruner and grapnel.	853,367	May 14	2033	421	128	554
Malpass, George, Philadelphia, Pa. Pen-grinding machine.	845,006	Feb. 19	4536	967	126	2990
Malphurs, Joel W., Gainesville, Fla. Car-coupling.	864,008	Aug. 20	2963	817	129	3070
Maltby, George B., Aurora, Ind. Rotary cutter.	866,372	Sept. 17	2514	701	130	848
Maltby, George B., Cleveland, Ohio, assignor, by mesne assignments, to National Dump Car Company. Dump-car. (Reissue.)	12,596	Jan. 15	3725	809	126	1036
Maltby, Julius, assignor to Waterbury Buckle Co., Waterbury, Conn. Suspender-buckle.	849,004	Apr. 2	780	160	127	1786
Maltby, Julius, assignor to Waterbury Buckle Co., Waterbury, Conn. Garter-slide.	873,445	Dec. 10	2334	490	131	1574
Maltby, Julius, and J. J. Buchanan, assignors to Waterbury Buckle Company, Waterbury, Conn. Garment-supporter clasp.	875,089	Dec. 31	5709	1190	131	2205
Malton, Charles C., Worcester, Mass. Lamp.	845,963	Mar. 5	492	101	127	127
Malugen, Levi, Centerville, assignor of one-half to A. H. Leathers, Dickson, Tenn. Engine.	853,252	May 14	1783	370-1	128	485
Mammen, Lawrence W., Chicago, Ill. Gearing for washing-machines.	874,095	Dec. 17	3696	778	131	1821
Mamy, Gustave, Paris, France. Extra-highly-vibrating contact-breaker.	842,407	Jan. 29	5311	1126	126	1507
Manahan, Ira C., Goshen, Ind. Gliding settee.	873,381	Dec. 10	2229	464	131	1552
Manahan, Joseph A., New York, N. Y. Shaft-hanger.	857,528	June 18	4044	861	128	2789
Mancha, Raymond, assignor to Mancha Show Case Company, Detroit, Mich. Garment-supporter.	841,261	Jan. 15	2961	643	126	840
Mancha Show Case Company. (See Mancha, Raymond, assignor.)						
Manchester, Frederic H., assignor to Providence Gas Burner Company, Providence, R. I. Electric-incandescent-lamp base.	868,283	Oct. 15	1665	471	130	1865
Manchester, Lawrence D., Sioux Falls, S. D. Oven-stop.	859,397	July 9	1683	448	129	598
Mandel, Louis, Chicago, Ill. Magazine developing-camera.	840,786	Jan. 8	2001	443	126	554
Mandeville, Charles E. (See Mandeville and Walker, assignors.)						
Mandeville & King Co. (See Barnea, Charles C., assignor.)						
Mandeville, Paul, and W. C. Walker, said Mandeville assignor to C. E. Mandeville, Chicago, Ill. Regulating the temperature of air.	848,595	Mar. 26	5763	1258	127	1540
Mandeville, Williams H., Bluffton, Ind. Steering-wheel muff.	867,736	Oct. 8	770	216	130	1567
Mandl, David, New York, N. Y. Wrench.	869,097	Oct. 22	2967	820	130	2294
Mandry, Arthur, New Orleans, La. Metal door.	849,742	Apr. 9	2197	452	127	2181
Maness, T. D., <i>et al.</i> (See Snider, David W., assignor.)						
Manett, Edward F. (See Makley, Manett, and Dannelly.)						
Manewallange Biscuit Company. (See Rohrsen, George G., assignor.)						
Manganese Steel Safe Company. (See Hibbard, Henry D., assignor.)						
Mangels, William F., New York, N. Y. Gear for merry-go-rounds.	843,406	Feb. 5	1123	234	126	2073
Mangels, William F., and C. N. Brewster, New York, N. Y. Amusement apparatus.	873,570	Dec. 10	2595	547	131	1616
Mangelsdorff, Max F., New York, N. Y., assignor to Combustion Utilities Company. Generating producer-gas.	854,228	May 21	3792	782	128	1040
Manhattan High Powered Motor Company. (See Treen, Jefferson, assignor.)						
Manhattan Machine Supply Company. (See Lintner, Robbins, and Weis, assignors.)						
Manheim, Henry M., New York, N. Y. Rack.	873,446	Dec. 10	2335	491	131	1574
Manheimer, Simon, <i>et al.</i> (See Kaske, Abram, assignor.)						
Mankedick, Charles, Sullivan, Ind. Reinforced concrete structure.	867,665	Oct. 8	667	188	130	1536
Manker, Carey A. (See Heavner and Manker.)						
Manker, Carey A., Pearl, Ill., assignor to Manker-Heavner Navigation Company, Omaha, Nebr. Vessel-hull.	861,134	July 23	4346	1191	129	1528
Manker-Heavner Navigation Company. (See Manker, Carey A., assignor.)						
Mankiewicz, Otto, J. Altschul, Berlin, and W. Urban, assignors to Actien Gesellschaft für Anilin Fabrikation, Wilmersdorf, near Berlin, Germany. Borate of hexamethyleneamin and making same.	869,636	Oct. 29	3840	130	2589	
Mankins, Guy B., Rowlesburg, W. Va. Whip-socket.	848,383	Mar. 26	5356	1166-7	127	1436
Manley, Charles, New York, N. Y. Horseshoe.	851,243	Apr. 23	5074	1068	127	2989
Manley, Lisdon B. (See Coleman, James L., assignor.)						
Manley, Robert E., Hanover, Pa. Pipe-nipple holder.	851,137	Apr. 23	4828	1018	127	2928
Manly, Thomas, London, England. Photographic-printing bath.	851,296	Apr. 23	5190	127	3020	
Mann, Adolph, Barmen, Germany. Braiding-machine.	844,377	Feb. 19	3049	652-3	126	2628
Mann, Albert B., Cincinnati, assignor to American Laundry Machinery Company, Norwood, Ohio. Motor-controlling treadle.	874,895	Dec. 24	5266	1109	131	2115
Mann, Arthur S., Schenectady, N. Y., assignor to General Electric Company. Control system.	868,464	Oct. 15	1963	548	130	1953
Mann, Carl, Sandberg, Germany. Device for raising and lowering pipes in bored wells.	859,825	July 9	2310	628	129	802
Mann, Henrietta. (See Mann, Oscar F., assignor.)						
Mann, Horace. (See Morton and Mann.)						
Mann, Jacob, New York, N. Y. Hose-supporter.	840,355	Jan. 1	1158	251	126	306
Mann, John L., Smithton, W. Va. Apparatus for making lampblack.	865,603	Sept. 10	1321	374-5	130	430
Mann, Marcus F. (See Thorn and Mann.)						
Mann, Orville C., Oak Park, Ill. Railway-grading machine.	853,928	May 14	3169	649-51	128	843
Mann, Oscar F., Indianapolis, Ind. Wall construction.	860,927	July 23	4022	1102	129	1422
Mann, Oscar F., Indianapolis, Ind. Hanger for doors.	867,283	Oct. 1	82	25	130	1339
Mann, Oscar F., assignor to H. Mann, Indianapolis, Ind. Concrete-wall form.	854,098	May 21	3531	729	128	972
Mann, William B. (See Babendreier, Arthur O., assignor.)						
Mann, William B., Baltimore, Md. Triple valve for air-brakes.	862,492	Aug. 6	658	177	129	2292
Mann, William B., Baltimore, Md. Sensitive triple valve.	869,637	Oct. 29	3841	1051	130	2589
Mann, Willis E., Napa, Cal. Apparatus for cleaning sacks.	869,585	Oct. 29	3756	1028-9	130	2564
Mannesmann, Otto, Remscheid, Germany. Inverted gas-burner.	872,833	Dec. 3	1087	227	131	1338
Manney, Florence J., and F. P. Hamilton, Cleveland, Ohio. Water-tube steam-generator.	861,040	July 23	4213	1153-4	129	1483

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Mannhardt, Hans, Chicago, Ill. Metal and concrete structure.....	843,683	Feb. 12	1688	358	126	2250
Manning, Bowman & Company. (See Savage and Chapman, assignors.)						
Manning, Charlotte R. (See Manning, Edward B. and C. R.)						
Manning, Edward B. and C. R., Meriden, Conn.; said Edward B. Manning assignor to said C. R. Manning. Producing enamel-lined articles of hollow ware.....	875,667	Dec. 31	6951	1448	131	2391
Manning, Harry W., Portland, Oreg. Gas-light.....	843,474	Feb. 5	1262	265	126	2108
Manning, Michael S., Morton, Pa. Pipe-laying machine.....	850,238	Apr. 16	3122	653	127	2456
Manning, Robert, assignor of one-half to W. P. Champney, Cleveland, Ohio. Feed-water regulator.....	863,299	Aug. 13	1923	520	129	2713
Manning, Thomas M., Rome, Ga. Means for attaching plow-handles to beams.....	854,750	May 28	4779	992	128	1320
Manning, William C., assignor of one-third to H. A. Snyder, New Haven, Conn. Clothes-line windlass.....	866,206	Sept. 17	2255	629	130	765
Mannis, James E. (See Osborn and Mannis.)						
Manny, Emilien A., Beauharnois, Quebec, Canada. Cattle-guard for railways.....	872,951	Dec. 3	1327	280	131	1375
Manny, Eugene S., Montreal, Quebec, Canada. Steam and water heating apparatus.....	875,362	Dec. 31	6242	1302	131	2291
Manowitz, Max I. (See Hull, John W., assignor.)						
Manross, Arthur N., assignor to Corbin Motor Vehicle Company, New Britain, Conn. Locking mechanism for draw-bars.....	842,153	Jan. 22	4743	1014	126	1322
Manross, Arthur N., assignor to Corbin Motor Vehicle Corporation, New Britain, Conn. Step-hanger.....	845,803	Mar. 5	136	25	127	38
Mans, Albert, Dieghem-Brussels, Belgium. Spring-recoil neutralizer.....	844,884	Feb. 19	4315	920-1	126	2937
Mansfield, Albert K., Batavia, Ill. Supporting structure for tanks.....	839,942	Jan. 1	286	63	126	79
Mansfield, Albert K., Batavia, Ill. Tower for electric transmission-cables.....	840,947	Jan. 8	2325	511	126	634
Mansfield, Albert K., Batavia, Ill. Steel supporting structure for electric transmission-cables.....	849,908	Apr. 9	2519	520	127	2265
Mansfield, Benjamin A., Salem, Mass. Combination-tool.....	873,571	Dec. 10	2598	547	131	1616
Mansfield, Frank R., et al. (See Metzner, Claude E., assignor.)						
Mansfield, George F., Scranton, Miss. Stocking-supporting means.....	849,253	Apr. 2	1276	258	127	1914
Mansfield, King W. (See Thompson, William R., assignor.)						
Mansfield, Samuel J., McGrann, Pa. Metallic tie and rail-fastener.....	859,675	July 9	2102	568	129	734
Mansfield, William, Ashville, Pa. Curtain-fixture.....	863,547	Aug. 13	2276	621	129	2824
Mansfield, William A., Washington, Pa. Machine for feeding glass.....	854,511	May 21	4298	889	128	1169
Mansmann, Andrew A. (See Mansmann, Frank J. and A. A.)						
Mansmann, Frank J. and A. A., Pittsburg, Pa. Window-shade adjuster.....	846,494	Mar. 12	1558	345	127	426
Manson Campbell Company. (See Wigmore, Frank W., assignor.)						
Manson, Ray H., assignor to Dean Electric Company, Elyria, Ohio. Telephone switch-hook.....	841,993	Jan. 22	4419	952	126	1243
Manson, Ray H., assignor to Dean Electric Company, Elyria, Ohio. Electrical switch.....	846,120	Mar. 5	830	173	127	211
Manson, Ray H., assignor to Dean Electric Company, Elyria, Ohio. Relay.....	847,197	Mar. 12	2964	652	127	779
Manson, Ray H., assignor to Dean Electric Company, Elyria, Ohio. Electrical switch.....	850,870	Apr. 16	4343	911	127	2770
Manson, Ray H., assignor to Dean Electric Company, Elyria, Ohio. Call-register for telephone systems.....	854,830	May 28	4946	1028	128	1362
Manson, Ray H., assignor to Dean Electric Company, Elyria, Ohio. Relay.....	859,676	July 9	2103	568	129	734
Mansson, Magnus, Helsingborg, Sweden. Sail-bank.....	842,215	Jan. 29	4892	1044	126	1394
Mantaras, Gabriel L., Saragossa, Spain. Watch.....	864,177	Aug. 27	3229	894	129	3180
Mantell, William, Brooklyn, N. Y. Checking-rack.....	855,113	May 28	5548	1152	128	1514
Mantion, Frank X., Philadelphia, Pa. Automatic switch.....	873,572	Dec. 10	2599	547-8	131	1617
Manuel, Augustus. (See Degen and Manuel.)						
Manuel, George S., Turlock, Cal. Drawing-board.....	858 194	June 25	5401	1151	128	3163
Manufacturers' Automatic Sprinkler Co. (See Thompson, Everett L., assignor.)						
Manufacturers Automatic Sprinkler Company. (See Hamilton, John R., assignor.)						
Manufacturer's Engineering Company. (See Black, Samuel D., assignor.)						
Manufacturers Machine Company. (See Heys, John J., assignor.)						
Manufacturers Machine Company. (See Hooper, William H., assignor.)						
Manufacturers Machine Company. (See Stanbon, Charles P., assignor.)						
Manvers, Albert, and H. Phillips, Sydney, New South Wales, Australia. Apparatus for creating and maintaining a vacuum.....	863,863	Aug. 20	2757	758	129	3008
Manville Company. (See Robinson, William A., assignor.)						
Manville, Clay D., assignor of one-half to J. Baer, Pittsburg, Pa. Dry battery.....	852,188	Apr. 30	7009	1463	127	3510
Manz, Adolph W., assignor to P. H. Manz, Chicago, Ill. Motor-starter.....	872,527	Dec. 3	453	93	131	1237
Manz, Adolph W., assignor to P. H. Manz, Chicago, Ill. Motor-starter.....	873,764	Dec. 17	2975	632	131	1714
Manz, Paul H. (See Manz, Adolph W., assignor.)						
Manzel Brothers Co. (See Manzel, Charles F. W., assignor.)						
Manzel, Charles F. W., Buffalo, N. Y., assignor, by mesne assignments, to Manzel Brothers Co. Oil-pump.....	858,405	July 2	64	18	129	22
Mapes, Charles E., assignor of one-half to H. J. Waddell, Havana, N. D. Grain-door for cars.....	869,377	Oct. 29	3411	938	130	2459
Mapes, Clarence T., Pittsburg, Pa. Yoke and yoke-screw.....	854,512	May 21	4300	889	128	1169
Mapes, Dorchester, assignor to C. K. Chamberlain, Chicago, Ill. Bookcase.....	865,114	Sept. 3	541	151	130	164
Mapes, Louis. (See Bishop and Mapes.)						
Mapes, William T., assignor of one-half to W. McKinley and L. W. Baird, Ogden, Ill. Match-box.....	840,856	Jan. 8	2131	470	126	585
Mapother, Kerr and Lerch. (See Lerch and Kerr, assignors.)						
Mapp, Thomas H., Surry Hills, near Sydney, New South Wales, Australia. Apparatus for treating forage.....	858,302	June 25	5587	1194-5	128	3210
Marbach, Frank G. (See Calvert and Marbach.)						
Marbach, Frank G., Medina, Ohio. Punch-press.....	852,443	May 7	64	13	128	20
Marbach, Frank G., assignor to A. I. Root Co., Medina, Ohio. Beehive.....	867,891	Oct. 8	1019	291	130	1644
Marbach, William A., Cleveland, Ohio. Bolt for rim-latches.....	840,225	Jan. 1	885	191	126	240
Marble, A. D. (See Buttler, Gideon G., assignor.)						
Marble, A. D. (See Fowler, Lewis D., assignor.)						
Marble, George W., assignor of one-half to W. R. Donaldson, Chicago, Ill. Change-speed and reversing mechanism.....	874,520	Dec. 24	4557	956	131	1994
Marble, Herbert H. (See Sullivan, Cornelius J., assignor.)						
Marble, James E., assignor of one-third to J. J. Layden, Albany, N. Y. Automatic steam and air pipe coupling.....	847,288	Mar. 12	3121	687-8	127	818
Marble, Webster L., Gladstone, Mich. Pivoted nail-claw for axes.....	855,559	June 4	812	169	128	1899
Marble, Webster L., Gladstone, Mich. Front sight.....	858,524	July 2	276	68	129	98
Marble, Webster L., Gladstone, Mich. Front sight.....	872,360	Dec. 3	90	17	131	1181
Marburg, Franz, Jr., New York, N. Y. Screw-propeller pump.....	872,361	Dec. 3	91	17-18	131	1181
Marburg, Louis C., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. System of electrical distribution.....	867,065	Sept. 24	3550	1006	130	1206
Marcante, Antonio, Manville, R. I. Reed for looms.....	874,096	Dec. 17	3697	778	131	1821
Marcell, Lafayette, Millbury, Mass. Envelop-machine.....	860,984	July 23	4125	1130-1	129	1457
Marcellus, William G. T. (See Tees, Frederick G., assignor.)						
March, Thomas J., Pottstown, Pa. Cooking-stove.....	862,924	Aug. 13	1334	364	129	2528

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March, William W., Nacona, Tex. Wire-cloth supporting and measuring apparatus.....	848,562	Mar. 26	5679	1243	127	1518
Marchand, Albert. (See Voland and Marchand.)						
Marchand, William L., Rolla, N. D. Sleigh-brake.....	866,947	Sept. 24	3364	951	130	1149
Marchant, Everett C., Maynard, Mass. Spindle-oiler.....	867,066	Sept. 24	3551	1006	130	1207
Marchthal, Eduard M. v., Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Device for the justification of the lengths of lines of type-writing or similar machines.....						
Mareks, Martin, Baltimore, Md. Cabinet-mantel.....	844,378	Feb. 19	3051	653	126	2629
Markewordt, Karl H. J., Guatemala, Guatemala. Calculator.....	865,510	Sept. 10	1174	333-4	130	388
Marconi's Wireless Telegraph Company. (See Russo, Charles, assignor.)	841,413	Jan. 15	3269	705	126	920
Marconnet, Georges, Paris, France. Apparatus for producing gas.....	851,954	Apr. 30	6537	1362	127	3390
Marcum, William H. H., Independence, Mo. Sash-lock.....	860,816	July 23	3844	1054	129	1365
Marcus, André, assignor to A. Cazeaux, G. Klein, and L. Levy, Shreveport, La. Labeling-machine.....	841,029	Jan. 8	2484	541	126	676
Marcus Mason & Company. (See Gordon, Douglas, assignor.)						
Marcy, Frank M., Worcester, Mass. Electric bond for rails.....	875,198	Dec. 31	5917	1233	131	2241
Marden, Aldis H., Watertown, Mass. Sash-holder.....	874,097	Dec. 17	3698	778	131	1822
Marden, Arthur M. (See Slagle, Oliver, assignor.)						
Marden, Hiram W., Lynn, Mass. Last.....	866,373	Sept. 17	2515	701	130	848
Maresb, A. A., et al. (See Malburg, Gottfried, assignor.)						
Marga, Uldarique A., Dieghem, Belgium. Impermeable, incombustible, insulating, and acid-proof material.....	854,367	May 21	4028		128	1103
Margadant, Abram, Minneapolis, Minn. Pump-crank.....	853,707	May 14	2702	556	128	729
Marggraf, Frederick, Augusta, Ky. Wire-button machine.....	846,330	Mar. 5	1210	263	127	306
Marggraf, Fredrick, assignor to F. A. Neider Co., Augusta, Ky. Carriage-curtain fastener.....	847,421	Mar. 19	3413	747	127	919
Margolin, Meyer, and A. Karron, New York, N. Y. Combination furniture.....	855,520	June 4	148	29	128	1732
Margolin, Meyer, and A. Karron, New York, N. Y. Grate.....	855,795	June 4	676	138	128	1867
Margreth, Joseph, Bergeford, near Hamburg, Germany. Acetylene-gas generator.....	869,719	Oct. 29	3967	1096	130	2627
Marhanka, John, Crothersville, Ind. Apparatus for handling mail-pouches.....	863,736	Aug. 20	2556	706-7	129	2944
Marhoff Reel Co. (See Marhoff, Walter E., assignor.)						
Marhoff, Walter E., assignor to Marhoff Reel Co., Kalamazoo, Mich. Fish-line reel.....	840,948	Jan. 8	2328	512	126	634
Marhoff, Walter E., assignor to Marhoff Reel Co., Kalamazoo, Mich. Fish-line reel.....	847,350	Mar. 19	3260	717	127	879
Marhoff, Walter E., assignor to Marhoff Reel Co., Kalamazoo, Mich. Fishing-reel.....	853,311	May 14	1928	399	128	528
Marhoff, Walter E., assignor to W. Shakespeare, Jr., Kalamazoo, Mich. Fishing-reel.....	852,070	Apr. 30	6793	1414	127	3455
Marick, John, Chicago, Ill. Automatic trap-door for railway-coaches.....	845,306	Feb. 26	5157	1095	126	3190
Marien, Charles A., St. Louis, Mo. Cushion-tire wheel.....	865,411	Sept. 10	1010	289	130	335
Marine Engine & Machine Company. (See Jones, Benjamin N., assignor.)						
Maring, Hermann. (See Noack and Maring.)						
Marino, Quintin, and E. W. Barton-Wright, London, England. Electric accumulator.....	873,132	Dec. 10	1727	362	131	1471
Mariotte, Auguste, New York, N. Y. Advertising novelty.....	851,297	Apr. 23	5191	1089-90	127	3021
Marion Incline Filter and Heater Company. (See Packard, Edwin D., assignor.)						
Marion Incline Filter and Heater Company. (See Stump, Reidenbaugh, and Packard, assignors.)						
Marion Steam Shovel Company. (See Barnhart, Harry J., assignor.)						
Marion Steam Shovel Company. (See King, George W., assignor.)						
Marion Steam Shovel Company. (See King, Barnhart, and King, assignors.)						
Marion, Thomas J. (See Flynn, John W., assignor.)						
Maris, Georges, assignor to La Société Besnard, Maris & Antoine, Paris, France. Lamp, &c.....	841,799	Jan. 22	4032	870	126	1150
Maris, Maximilien, Chicago, Ill. Game apparatus.....	869,316	Oct. 29	3315	911	130	2429
Mark, Charlie E., Chicago, Ill. Apparatus for treating materials.....	846,588	Mar. 12	1762	389	127	477
Mark, Jacob H., assignor to Mark Manufacturing Company, Herkimer, N. Y. Jacket.....	848,669	Apr. 2	96	21	127	1610
Mark, John S., Adel, Iowa. Band and fastener combined.....	867,518	Oct. 1	439	125	130	1452
Mark Manufacturing Company. (See Mark, Jacob H., assignor.)						
Mark, Ottis, Ainsworth, Nebr. Attachment for wagon-bodies.....	842,216	Jan. 29	4893	1044	126	1394
Markee, Reuel T., Philadelphia, Pa. Dough-sheeting machine.....	859,777	July 9	2249	611-12	129	782
Markey, Austin R., Tyrone, and F. Haggerty, Allegheny, Pa. Smoke-consumer.....	862,265	Aug. 6	262	75	129	2164
Markel, Charles, Clinton, Iowa. Driving-box brass.....	864,663	Aug. 27	4011	1114	129	3425
Markell, Grace E., Boston, Mass. Girdle.....	867,146	Sept. 24	3664	1040	130	1239
Markey, Charles D., Ellinwood, Kans. Feeder for threshing-machines.....	839,865	Jan. 1	122	29-30	126	36
Markgraf, Franz, New York, N. Y. Variable-speed and reversing gear.....	872,952	Dec. 3	1328	281	131	1376
Markham Air Rifle Company. (See Markham, William F., assignor.)						
Markham Air Rifle Company. (See Polley, David F., assignor.)						
Markham, Charles F., Providence, R. I. Pin.....	873,765	Dec. 17	2977	632	131	1714
Markham, De Witt C., Port Leyden, N. Y. Spring-sleigh.....	851,819	Apr. 30	6248	1303	127	3318
Markham, Edward D., Chicago, Ill. Wheel.....	865,115	Sept. 3	543	151	130	165
Markham, William F., assignor to Markham Air Rifle Company, Plymouth, Mich. Air-gun.....	842,324	Jan. 29	5113	1087	126	1449
Markham, William F., assignor to Markham Air Rifle Company, Plymouth, Mich. Air-gun.....	860,754	July 23	3760	1030	129	1336
Markle, Clarence A. (See Daughenbaugh and Markle.)						
Markmann, Carl, Unna, Germany. Vise.....	857,007	June 11	3045	642	128	2497
Markmann, Emil R. and J., Chicago, Ill. Automatically-closing furnace-door and device for opening the same.....	873,573	Dec. 10	2601	548	131	1617
Markmann, John. (See Markmann, Emil R. and J.)						
Marks, Abraham, New York, N. Y. Exercising device.....	866,495	Sept. 17	2672	748	130	899
Marks, Arthur H., Akron, Ohio. Vehicle-tire.....	840,503	Jan. 8	1450	319	126	416
Marks, Arthur H., Akron, Ohio. Forming inner tubes for tires.....	842,217	Jan. 29	4894	1044	126	1394
Marks, Arthur H., Akron, Ohio. Forming pneumatic tires or tire-casings.....	844,820	Feb. 19	4199	894	126	2908
Marks, Arthur H., Akron, Ohio. Solid rubber tire.....	844,821	Feb. 19	4200	895	126	2908
Marks, Arthur H., Akron, Ohio. Forming solid rubber tires.....	844,822	Feb. 19	4201	895	126	2908
Marks, Arthur H., Akron, Ohio. Battery-cell.....	859,091	July 2	1201	323	129	406
Marks, Arthur H., Akron, Ohio. Forming inner tubes for tires. (Reissue).....	12,671	July 9	2449	666	129	842
Marks Automatic Wood Reproducing Company. (See Marks, Bennett D., assignor.)						
Marks, Bennett D., assignor to Marks Automatic Wood Reproducing Company, Chicago, Ill. Graining-machine.....	853,644	May 14	2566	531-3	128	691
Marks, Edward S., assignor to Ohio Tool Company, Auburn, N. Y. Adjustable handle for bench-planes.....	864,009	Aug. 20	2965	817-18	129	3071
Marks, Edward S., assignor to Ohio Tool Company, Auburn, N. Y. Plane.....	864,010	Aug. 20	2965	818	129	3071
Marks, Edward S., assignor to Ohio Tool Company, Auburn, N. Y. Folding square.....	864,011	Aug. 20	2966	818	129	3071
Marks, Edward S., assignor to Ohio Tool Company, Auburn, N. Y. Plane.....	864,101	Aug. 20	3104	858	129	3114
Marks, Herbert E., Poughkeepsie, N. Y., assignor to American Sheet & Tin Plate Company, Pittsburg, Pa. Wrapper for metal sheets.....	857,744	June 25	4484	946	128	2932
Marks, Herbert E., Poughkeepsie, N. Y., assignor to American Sheet & Tin Plate Company, Pittsburg, Pa. Wrapper for metal sheets.....	874,779	Dec. 24	5054	1065	131	2080

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Marks, John S. F., Olympia, Wash., assignor to National Wood Pipe Company, San Francisco, Cal. Banded stove pipe.....	852,336	Apr. 30	7268	1528	127	3573
Marks, John S. F., Olympia, Wash., assignor to National Wood Pipe Company, San Francisco, Cal. Pipe-winding machine.....	852,337	Apr. 30	7269	1528	127	3573
Marks, Knox R., Abingdon, Ill. Trap.....	858,007	June 25	5039	1065	128	3071
Marks, Leopold H. (See Lovell, George E., assignor.)						
Markwitz, Louis, San Francisco, Cal. Electric dental furnace.....	849,335	Apr. 2	1429	289	127	1951
Marlatt, George E., Allegheny, Pa. Mechanism for throwing lines of matrices into linotype-machines.....	845,307	Feb. 26	5159	1095	126	3191
Marler, James W., East Bend, N. C. Hub-attaching device.....	863,737	Aug. 20	2560	707	129	2946
Marlette, Ellen, <i>et al.</i> (See Marlette, Silas T., assignor.)						
Marlette, Silas T., assignor to E. Marlette and E. B. Smith, Buffalo, N. Y. Hame-fastener.....	862,744	Aug. 6	1070	288	129	2410
Marlin Fire Arms Company. (See Allen and Johnson, assignors.)						
Marmon, Daniel W., assignor to Nordyke & Marmon Company, Indianapolis, Ind. Sieve-cleaner.....	844,030	Feb. 12	2329	499	126	2409
Marold, John, East St. Louis, Ill. Rail-joint.....	861,998	July 30	5097	1581	129	1984
Maroney, Frank L., assignor of one-third to E. Carroll, Joliet, Ill. Spirit-level.....	859,886	July 9	2416	657	129	832
Marotte, Leon V. (See Brocheriou, Tochon, Fortier, and Marotte.)						
Marqua, William A., Cincinnati, Ohio. Body for go-carts.....	851,820	Apr. 30	6251	1304	127	3318
Marquardt, Gustavus H. (See Blue and Marquardt.)						
Marquart, L. C. (See Kufferath, August, assignor.)						
Marquette, James D. M., <i>et al.</i> (See Marquette, John N., assignor.)						
Marquette, John N., assignor of two-thirds to J. D. M. Marquette and P. J. Nelson, Baltimore, Md. Car-door.....	872,953	Dec. 3	1334	282	131	1376
Marquis, Charles A., St. Louis, Mo. Winding and measuring machine.....	847,422	Mar. 19	3414	748-9	127	919
Marr, George C., Washington, D. C. Expansion-post and show-window fastener.....	855,195	May 28	5704	1187	128	1553
Marr, Joseph C., assignor to W. J. Strauss, Los Angeles, Cal. Edge-protector for trousers.....	863,195	Aug. 13	1766	475	129	2667
Marr, Lewis C., Wall Rose, Pa. Step for vehicles, &c.....	868,352	Oct. 15	1784	503	130	1899
Marret, Joseph A. M. (See Catoire and Marret.)						
Marriott, Hugh F., Parktown, Transvaal. Means for surveying bore-holes.....	840,148	Jan. 1	732	159	126	199
Marsal, Louis P., and R. W. Baker, Cleveland, Ohio. Wheel for children's carriages.....	852,667	May 7	606	116	128	158
Marsal, Louis P., and R. W. Baker, Cleveland, Ohio. Vehicle-wheel.....	852,668	May 7	607	116	128	158
Marsch, Howard E., Catasauqua, Pa. Nut-lock.....	850,665	Apr. 16	3954	826	127	2673
Marshall, Adolf J., Little Falls, N. Y. Automatic burette.....	844,686	Feb. 19	3915	828	126	2834
Marsden, William N., Amsterdam, assignor to Fownes Brothers & Co., New York, N. Y. Glove-blank.....	842,408	Jan. 29	5312	1126	126	1507
Marsh, Albert L., Lake Bluff, assignor to Hoskins Co., Chicago, Ill. Electric stove.....	852,338	Apr. 30	7273	1529	127	3575
Marsh, Albert L., Lake Bluff, assignor to Hoskins Company, Chicago, Ill. Electric resistance element.....	853,891	May 14	3094		128	823
Marsh, Albert L., Lake Bluff, assignor to Hoskins Company, Chicago, Ill. Electric resistance element.....	859,608	July 9	1996	539	129	701
Marsh, Albert L., Lake Bluff, assignor to Hoskins Company, Chicago, Ill. Electric annealing-furnace.....	861,135	July 23	4347	1192	129	1528
Marsh, Albert L., Lake Bluff, assignor to Hoskins Co., Chicago, Ill. Electric muffler-furnace.....	861,744	July 30	5310	1464	129	1864
Marsh, Albert L., Lake Bluff, assignor to W. A. Spinks & Co., Chicago, Ill. Thermo-electric element.....	874,780	Dec. 24	5056	1065	131	2080
Marsh, Arthur F. (See Haverman, William, assignor.)						
Marsh, Bayard L. (See Hawthorne and Marsh.)						
Marsh, Caroline F., New York, N. Y. Vitreous article and treating same.....	842,218	Jan. 29	4895	1044	126	1394
Marsh, Caroline F., New York, N. Y. Bottle or like article.....	842,219	Jan. 29	4897	1045	126	1395
Marsh, Charles S., Winchester, Mass. Coin-holder.....	862,984	Aug. 13	1424	388	129	2557
Marsh, Edward A., Newton, Mass. Micrometer-gage.....	839,943	Jan. 1	289	63	126	80
Marsh, Edward A., Newton, Mass. Machine for ornamenting dials.....	852,189	Apr. 30	7010	1463-5	127	3510
Marsh, Elmer E., Newport, Ky., assignor to F. C. Kingsbury, Columbus, Ohio. Incandescent-lamp holder.....	859,398	July 9	1685	448	129	598
Marsh, Frank C., Trenton, Nebr. Counterbalance attachment for pumps.....	849,802	Apr. 9	2319	476	127	2214
Marsh, H. Clarence. (See Lutzhoff, Elmer E., assignor.)						
Marsh, John W. (See Brown, Frank C., assignor.)						
Marsh, Oscar W., Webster Springs, W. Va. Ticket slide-clip.....	859,000	July 2	1077	283	129	367
Marsh, Pelatiah J. (See Few, Frederick C., assignor.)						
Marsh, Wallace H., Humboldt, Iowa. Rotary engine.....	859,959	July 16	2531	687	129	901
Marsh, Wilbur W. (See Hackett, Charles H., assignor.)						
Marsh, Wilbur W. (See Morgan, Thomas W., assignor.)						
Marsh, Wilbur W., and C. H. Hackett, Waterloo, Iowa, assignors to said Marsh. Liner for centrifugal liquid-separators.....	860,928	July 23	4023	1102	129	1423
Marsh, William B. (See Pickett, William, assignor.)						
Marsh, William P., Dayton, Ohio. Rotary motor.....	850,593	Apr. 16	3798	792-3	127	2632
Marsh, William P., assignor to W. M. Kinnard, Dayton, Ohio. Bailing-machine.....	846,589	Mar. 12	1768	390	127	479
Marshall, Albert L., New Orleans, La. Apparatus for crystallization.....	841,030	Jan. 8	2485	541	126	676
Marshall, Charles A., Tulsa, Ind. Ter. Automatic coupling for brake-pipes.....	869,003	Oct. 22	2830	779-80	130	2252
Marshall, Charles E., Lestershire, N. Y. Guard for revolving cutting-tools.....	866,044	Sept. 17	2021	564	130	692
Marshall, David T., New York, N. Y., assignor to N. Marshall, Newton, Mass. Copying-machine.....	845,730	Feb. 26	5977	1263	126	3392
Marshall, Edwin, Warrensburg, Mo. Electric controller.....	844,379	Feb. 19	3056	654	126	2630
Marshall Electric Manufacturing Company. (See Sanford, Frank W., assignor.)						
Marshall, Frank L., Boston, Mass. Playing attachment for musical instruments.....	855,465	June 4	44	10-11	128	1706
Marshall, Frederick D., and S. Hersey, Westminster, London, England. Gas-filter.....	864,012	Aug. 20	2967	818-19	129	3070
Marshall, George, Fremont, Nebr. Valve-gear for steam-engines.....	850,943	Apr. 23	4492	939	127	2846
Marshall, George M., Vancouver, British Columbia, Canada. Building construction material.....	860,682	July 23	3649	999-1000	129	1303
Marshall, Hanson L., <i>et al.</i> (See Hammer, Willie A., assignor.)						
Marshall, Homer F. (See Heffernan and Marshall.)						
Marshall, James P., Bardstow, Ky. Clothes-pin.....	862,745	Aug. 6	1070	288	129	2410
Marshall, John, St. Louis, Mo. Filing-box.....	860,223	July 16	2933	801	129	1032
Marshall, John, New York, assignor of one-half to J. Langan, Brooklyn, N. Y. Box-opener.....	846,438	Mar. 5	1449	322	127	366
Marshall, John B., Broken Hill, New South Wales, Australia. Rock-drill.....	858,195	June 25	5402	1151	128	3163
Marshall, John T., Metuchen, N. J., assignor to General Electric Company. Cut-out.....	854,751	May 28	4780	992	128	1320
Marshall, John T., Metuchen, N. J., assignor to General Electric Company. Luminometer.....	864,102	Aug. 20	3106	858-9	129	3114
Marshall, John T., Metuchen, N. J., assignor to General Electric Company. Electric furnace.....	867,519	Oct. 1	440	125	130	1452
Marshall, Joseph B., assignor of one-third to A. M. Fardee, Bridgeport, Conn. Lady's hat-fastener.....	854,368	May 21	4029	833	128	1103
Marshall, Levi W., assignor to W. V. Taylor, Wakefield, Mass. Notch-cutting machine. (Reissue).....	12,612	Feb. 19	4608	981	126	3011

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Marshall, Mary L., Atchison, Cal. Can-holding clamp.....	862,493	Aug. 6	661	177	129	2293
Marshall, Norman. (See Marshall, David T., assignor.)						
Marshall, Norman, Newton, Mass. Assembling apparatus.....	854,697	May 21	4662	971-2	128	1259
Marshall, Norman, Newton, Mass. Machine for making lamp-bases.....	856,972	June 11	2972	623	128	2479
Marshall, Norman, Newton, Mass. Glass-severing machine.....	856,973	June 11	2976	624	128	2480
Marshall, Norman, Newton, Mass. Machine for making lamp-bases.....	856,974	June 11	2981	625	128	2480
Marshall, Norman, Newton, Mass. Assembling apparatus.....	857,005	June 11	3042	641	128	2497
Marshall, Norman, Newton, Mass. Apparatus for cementing the filaments of electric lamps to the stem-wires.....	869,317	Oct. 29	3317	912	130	2429
Marshall, Norman, Newton, Mass. Apparatus for cementing the filaments of electric lamps to the stem-wires.....	869,318	Oct. 29	3320	912-13	130	2430
Marshall, Richard H., assignor of one-half to A. H. Kelley, Scottsdale, Pa. Electroplating solution.....	850,944	Apr. 23	2493	.....	127	2846
Marshall, Thomas, Chicago, Ill. Means for maintaining constant the voltage of an electric circuit.....	846,223	Mar. 5	1017	218	127	258
Marshall, W. W., <i>et al.</i> (See Rimmelin, Richard, assignor.)						
Marshall, William, assignor of one-fourth to J. A. Bullinger, New York, N. Y. Apparatus for producing electric sparks.....	858,196	June 25	5404	1151	128	3163
Marshall, William B., Paris, Iowa. Wire-fence stretcher.....	874,855	Dec. 24	5187	1093	131	2104
Marshall, William C., Chicago, Ill. Tobacco-smoking pipe.....	858,737	July 2	649	171	129	224
Marshall, William C., Chicago, Ill., assignor to National Biscuit Company, Jersey City, N. J. Collapsible box or can.....	843,684	Feb. 12	1689	358-9	126	2251
Marshman, Henry A., Albany, N. Y. Calendar.....	868,878	Oct. 22	2631	727	130	2188
Marsóvszky, Emerich von, and J. Jobban, Budapest, Austria-Hungary. Roughing-calk for horseshoes.....	872,440	Dec. 3	257	52	131	1209
Marsteller, Aaron R., St. Louis, Mo. Molding process.....	850,168	Apr. 16	2986	625-6	127	2419
Marsteller, Aaron R., assignor of one-third to D. Marsteller, St. Louis, Mo. Molding process.....	873,574	Dec. 10	2603	548	131	1618
Marsteller, Della. (See Marsteller, Aaron R., assignor.)						
Marsters, Edward T., Albany, N. Y. Hot-air furnace.....	868,203	Oct. 15	1540	437	130	1825
Marston, Anna M., <i>et al.</i> (See Holly, Solomon T., assignor.)						
Marston, Charles H., Reading, and H. H. Cummings, Newton, Mass.; said Cummings assignor to said Marston. Apparatus for marking checks.....	865,050	Sept. 3	450	122	130	138
Marston, Luther M., <i>et al.</i> (See Holly, Solomon T., assignor.)						
Mart, Frank, Wakonda, S. D. Shock-loader.....	841,556	Jan. 15	3523	762	126	978
Mart, William G., Otter Creek, Fla. Metallic rail-tie.....	843,475	Feb. 5	1264	265	126	2109
Martcheny, Helimenas S., Maracaibo, Venezuela. Bottle.....	866,374	Sept. 17	2516	701	130	849
Martel, Adelfard F., Chittenden, Cal. Device for delivering mail-bags along railway-lines.....	869,791	Oct. 29	4071	1124	130	2657
Martel, Edgar J., Ware, Mass. Means for fastening the movements of watches in the cases.....	848,186	Mar. 26	4951	1081	127	1337
Martell, Louis H., Ellwood City, Pa. Valve structure.....	844,698	May 21	4665	972	128	1259
Martell, Louis H., Ellwood City, Pa. Packing for piston-rods.....	859,609	July 9	1997	539	129	701
Martell, Louis H., Ellwood City, Pa. Packing.....	862,494	Aug. 6	662	177-8	129	2293
Martell, Louis H., Ellwood City, Pa. Packing for piston-rods.....	863,196	Aug. 13	1766	475	129	2667
Martell, Louis H., Ellwood City, Pa. Packing.....	863,619	Aug. 20	2399	660	129	2894
Marten, Albert S., East Orange, assignor to Tea Tray Company, Newark, N. J. High-tension electric fixture.....	856,275	June 11	1618	336-7	128	2137
Marten, Albert S., East Orange, assignor to Tea Tray Company, Newark, N. J. Support for amplifying-horns. (Reissue).....	12,674	July 23	4516	1235	129	1584
Martens, Charles C., Long Island City, assignor to Nathan Manufacturing Company, New York, N. Y. Grease-cup.....	843,833	Feb. 12	1963	419	126	2320
Martens, Charles H., Brooklyn, N. Y. Flower-support.....	863,620	Aug. 20	2400	660	129	2894
Marter, Cæsar, London, England. Hard-rubber substitute and making the same.....	867,737	Oct. 8	770	.....	130	1568
Martin, Aaron G., <i>et al.</i> (See Jones, Alva D., assignor.)						
Martin, Ada O., Los Angeles, Cal. Churn.....	869,189	Oct. 22	3101	854	130	2335
Martin, Arthur J., Rugby, England, assignor to General Electric Company. Electric meter.....	856,412	June 11	1940	398	128	2220
Martin, Arthur S., <i>et al.</i> (See McClintock, Edward H., assignor.)						
Martin, Arthur W. (See Dieselhorst and Martin.)						
Martin, Bradford, Washington, Pa. Valve-seat.....	850,399	July 9	1687	449	129	599
Martin, Charles B., assignor of one-tenth to J. F. Kennedy, Portland, Oreg. Tellurian.....	854,513	May 21	4301	890	128	1169
Martin, Charles B., assignor of one-tenth to J. F. Kennedy, Portland, Oreg. Automatic egg-boiler.....	867,921	Oct. 8	1073	304	130	1661
Martin, Charles C., and W. D. Jones, Denver, Colo.; said Jones assignor to said Martin. Renovating and refining butter.....	856,353	June 11	1814	375	128	2190
Martin, Charles C., and W. D. Jones, Denver, Colo.; said Jones assignor to said Martin. Pneumatic agitating-tank for butter-oils.....	856,354	June 11	1818	375	128	2190
Martin, Charles C., and W. D. Jones, Denver, Colo.; said Jones assignor to said Martin. Apparatus for renovating and refining butter, oils, lard, and fats.....	856,355	June 11	1821	376	128	2191
Martin, Charles F., Evansville, Ind. Veterinary tooth-cutter or dental float.....	854,955	May 28	5197	1083	128	1427
Martin, Charles F., Evansville, Ind. Veterinary surgical instrument.....	854,956	May 28	5199	1083	128	1427
Martin, Charles H. (See Beem and Martin.)						
Martin, Charles H., Fredonia, N. Y. Current water wheel or motor.....	863,033	Aug. 13	1499	407	129	2581
Martin, Clifford E., Greenfield, Mass. Reamer.....	842,481	Jan. 29	5482	1161	126	1552
Martin, Daniel. (See Wrenn and Martin.)						
Martin, Daniel W., Broadus, Tex. Grip-hook for log-loaders.....	842,220	Jan. 29	4898	1045	126	1395
Martin, David H., Baltimore, Md., assignor of one-half to S. W. Vaughn, Pittsburg, Pa. Game.....	860,985	July 23	4128	1131	129	1457
Martin, David H., Baltimore, Md., assignor of one-half to S. W. Vaughn, Pittsburg, Pa. Toy puzzle.....	861,136	July 23	4348	1192	129	1529
Martin, Désiré, Manchester, N. H. Picker.....	860,310	July 16	3063	838	129	1077
Martin, Dumas I., <i>et al.</i> (See Martin, Ivison B., assignor.)						
Martin, Earl L., Woodburn, Iowa. Brickmaking-machine.....	855,716	June 4	515	108-9	128	1827
Martin, Edgar D., <i>et al.</i> (See Jones, Alva D., assignor.)						
Martin, Edgar D., assignor of one-half to F. P. Smith, Chicago, Ill. Building construction.....	872,954	Dec. 3	1336	282	131	1376
Martin, Edouard. (See Monnot, John F., assignor.)						
Martin, Edward, Battersea, England. Disk-wheel for road-vehicles.....	842,102	Jan. 22	4618	991	126	1289
Martin, Edward B., <i>et al.</i> (See McClintock, Edward H., assignor.)						
Martin, Edward G., and J. H. Hake, Tyler, Tex.; said Hake assignor to M. T. Sheets and J. C. Douglas. Water-elevator.....	859,400	July 9	1687	449	129	599
Martin, Eli, Detroit, Mich. Making composite walls.....	843,956	Feb. 12	2198	470	126	2377
Martin, Fenton N., Virden, Ill. Snow-shovel attachment for pitchforks.....	842,221	Jan. 29	4899	1045	126	1395
Martin, Flora A. M. (See Martin, Thomas E., assignor.)						
Martin, Florian J., Milwaukee, Wis. Back-scratcher.....	869,250	Oct. 29	3205	882	130	2395
Martin, Frances J., Cedar Bayou, Tex. Skirt-supporter.....	865,788	Sept. 10	1604	454	130	521
Martin, Francis C., New York, N. Y. Life-saving station.....	859,001	July 2	1078	283-4	129	367

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Martin, Francis W. (See Brodie, Patrick S., assignor.)						
Martin, Frank F., Beloit, Wis. Molding-machine.	841,880	Jan. 22	4203	906	126	1193
Martin, Fred E., Oakville, Ontario, assignor to W. J. Kivell and C. H. Riches, Toronto, Canada. Boat launching and stowing apparatus.	850,239	Apr. 16	3125	653-4	127	2457
Martin, Frederic, Columbus, Ohio. Washboard.	842,964	Feb. 5	243	53	126	1850
Martin, Frederic, Columbus, Ohio. Washboard.	868,679	Oct. 22	2334	646	130	2100
Martin, Freeman T., Winchester, Ky. Hemp-brake.	869,004	Oct. 22	2832	780	130	2253
Martin, George, Toronto, Ontario, Canada. Garment-supporter.	863,548	Aug. 13	2277	621	129	2824
Martin, George I. (See Gillett and Martin.)						
Martin, George L., <i>et al.</i> (See Reese, John E., assignor.)						
Martin, George L., Canton, Mo. Gearing.	864,010	Aug. 20	2969	819	129	3072
Martin, George T., and W. H. Dart, Smith's Falls, Ontario, Canada. Railway-car.	869,210	Oct. 22	3132	863	130	2345
Martin, Harry S., Racine, Wis. Fish-hook.	859,677	July 9	2105	568	129	735
Martin, Henri P., Paris, France. Cylinder for internal-combustion engines.	843,759	Feb. 12	1826	389	126	2285
Martin, Henry J. S., assignor of two-thirds to F. T. Enright and W. J. Henderson, Montreal, Quebec, Canada. Metallic coupling for the conveyance of fluids between vehicles.	862,088	July 30	5848	1622	129	2033
Martin, Henry P., Owensboro, Ky. Service-box cover.	862,746	Aug. 6	1071	288	129	2410
Martin, Herbert B., New York, N. Y. Record control for time-recorders.	862,087	July 30	5843	1621-2	129	2031
Martin, Horace G., New York, N. Y. Telegraph-transmitter.	842,154	Jan. 22	4745	1014	126	1323
Martin, I. A., <i>et al.</i> (See Herbst, Frederick, assignor.)						
Martin, I. Parsons. (See Orr, Robert A., assignor.)						
Martin, Iverson B., assignor of one-half to S. H. Caldwell and D. I. Martin, Paris, Tenn. Trace-fastening device for whiffletrees.	848,596	Mar. 26	5766	1259	127	1540
Martin, James E. (See Beattie, Huether, and Martin.)						
Martin, James F., assignor to J. B. Hall, Philadelphia, Pa. Hair-crimper.	844,823	Feb. 19	4202	895	126	2908
Martin, James H., Falun, Kans. Rail-joint.	849,408	Apr. 9	1572	319	127	2025
Martin, James V., assignor of one-third to T. C. Brian, Baltimore, Md. Furnace.	842,678	Jan. 29	5915	1245-6	126	1656
Martin, James V., assignor of one-third to T. C. Brian, Baltimore, Md. Furnace for melting metal.	865,789	Sept. 10	1605	454	130	521
Martin, James W. (See Martin, Thomas F., assignor.)						
Martin, Jens C. (See Thompson and Martin.)						
Martin, John B., Cincinnati, Ohio. Rotary engine.	844,824	Feb. 19	4202	895	126	2909
Martin, John C. (See Bagley, Moses F., assignor.)						
Martin, John C. (See Graham and Martin.)						
Martin, John E. (See Nickel, Martin, and Blackburn.)						
Martin, John E., Bethany, Ill. Trace-shield.	857,085	June 18	3215	676	128	2580
Martin, John H., <i>et al.</i> (See Norstrom, Nils E., assignor.)						
Martin, Joseph, Midland, Ohio. Combined horse-collar and hame.	847,000	Mar. 12	2748	606	127	724
Martin, Joseph C., Temple, Tex. Pin for engravers' blocks.	860,553	July 16	3421	940	129	1195
Martin, Joseph E., East Orange, N. J. Valve for suction-pumps.	868,680	Oct. 22	2335	646	130	2100
Martin, Karl, assignor to Rathenower Optische Industrie-Anstalt vorm. Emil Busch Actiengesellschaft, Rathenow, Germany. Prism-telescope.	841,262	Jan. 15	2962	643-4	126	840
Martin, Karl, assignor to Rathenower Optische Industrie-Anstalt vormals Emil Busch, A. G., Rathenow, Germany. Telescope, field-glass, and the like.	849,409	Apr. 9	1573	319	127	2025
Martin, Lawrence E. (See Butterworth, Carey W., assignor.)						
Martin, Ludolph P., assignor to Allis-Chalmers Company, Milwaukee, Wis. Dredge pin and joint.	845,040	Feb. 19	4603	986	126	3009
Martin, Morris, Malden, assignor, by mesne assignments, to Boston Auto Gage Company, Boston, Mass. Fluid-gage. (Reissue.)	12,686	Aug. 27	4171	1158	129	3474
Martin, Myron A., Chicago, Ill. Reservoir.	845,804	Mar. 5	137	26	127	38
Martin, Oskar, Bergenfield, N. J. Folding mat.	841,263	Jan. 15	2963	644	126	841
Martin, Pearl L., St. Marys, Iowa. Wire-stretcher.	851,178	Apr. 23	4935	1038	127	2956
Martin, Percy, assignor of one-half to D. Kerr & Company, Limited, London, England. Driving mechanism for self-propelled vehicles or vessels.	851,540	Apr. 23	5657	1184	127	3135
Martin, Ralph E., Davenport, Iowa. Display-rack.	867,738	Oct. 8	771	216-17	130	1568
Martin, Richard A., Jr., West Warren, Mass. Railway-spike.	868,353	Oct. 15	1785	504	130	1899
Martin, Richard W. (See Street, Jacob E., assignor.)						
Martin, Robert A. (See Gilbert, Israel B., assignor.)						
Martin, Robert E., Newark, N. J. Plasterer's trowel.	850,945	Apr. 23	4494	940	127	2846
Martin, Robert E. L., Port Neches, Tex. Piston-rod packing.	875,363	Dec. 31	6244	1302	131	2292
Martin, Robert J., Anthonstahl, near Schwarzenberg, Germany. Paper-making machine.	866,045	Sept. 17	2022	564	130	692
Martin, Robert L., Jr., and H. Cory, assignors to Pittsburgh Coal Washer Company, Pittsburg, Pa. Coal-washing apparatus.	850,594	Apr. 16	3800	793	127	2633
Martin, Ross, Fairmont, W. Va. Safety-razor.	856,078	June 4	1197	254	128	1995
Martin, Samuel D., Cincinnati, Ohio. Fishing-tackle.	849,743	Apr. 9	2199	453	127	2182
Martin, Silas C. (See Obeart and Martin.)						
Martin, Stephen, West Jefferson, Ohio. Baling-machine.	860,755	July 23	3761	1030-1	129	1337
Martin, Thomas A., Covington, Ky. Device for handling, lifting, or supporting invalids or the like.	841,702	Jan. 22	3832	833	126	1098
Martin, Thomas A., Chicago, Ill. Animal-shears.	862,178	Aug. 6	107	29	129	2117
Martin, Thomas A., Chicago, Ill. Sheep-shearing machine.	869,500	Oct. 29	3613	991	130	2520
Martin, Thomas A., assignor to Davis-Martin Company, Chicago, Ill. Animal-shears.	874,522	Dec. 24	4564	957	131	1995
Martin, Thomas E., assignor to F. A. M. Martin, Buffalo, N. Y. Truss.	862,837	Aug. 6	1213	327	129	2455
Martin, Thomas F., assignor of one-half to J. W. Martin, Morgantown, W. Va. Envelop and stamp moistener.	868,609	Oct. 15	2210	615	130	2035
Martin, Thomas H. (See Sample, Charles H., assignor.)						
Martin, Walter N., A. J. Thomas, and E. F. L. Russell, Denver, Colo. Automatic time circuit-breaker.	858,301	June 25	5585	1194	128	3210
Martin, Whitley E., Winston Salem, N. C., assignor to Standard Cross Tie Machine Company, New Orleans, La. Leveling mechanism.	865,196	Sept. 3	659	187	130	200
Martin, William, Wilkinsburg, Pa. Car-brake.	842,679	Jan. 29	5917	1246	126	1656
Martin, William C., Coldwater, Mich. Chair attachment.	839,944	Jan. 1	293	64	126	81
Martin, William L. (See Simpson and Martin.)						
Martin, William R., Idaho Falls, Idaho. Excavator.	852,131	Apr. 30	6919	1444-5	127	3486
Martin, William R., Idaho Falls, Idaho. Excavator.	857,817	June 25	4631	982	128	2968
Martina, Giovanni. (See Durio and Martina.)						
Martindale, Frederick N., Gouverneur, N. Y. Strainer for teapots.	866,796	Sept. 24	3138	884	130	1080
Martindale, John H., Bradford, assignor to Leader Specialty Manufacturing Company, Smethport, Pa. Valve.	873,152	Dec. 10	1758	370	131	1477
Martineau, Albert, assignor to L. H. and N. Gauvin, Manchester, N. H. Window-fastening.	861,301	July 30	4620	1263	129	1653
Martineau, Louis J., Franklin, Mass. Headlight-operating mechanism.	843,834	Feb. 12	1964	419	126	2320
Martinelli, Arnold, West Hoboken, N. J. Clip or sustaining device for fountain-pens.	854,584	May 21	4436	922	128	1202
Martinez, Marie L., Baltimore, Md. Fastening device.	846,678	Mar. 12	1942	427	127	524
Martinka, George, Jersey City, N. J. Variable-speed motor.	859,826	July 9	2311	628	129	802

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Martins, Alfred F., New York, assignor of two-fifths to A. P. De Marmon, Yonkers, N. Y. Pad for horseshoes.	841,031	Jan. 8	2487	542	126	677
Martins, Francisco F., Gloucester, Mass. Rail-joint.	848,111	Mar. 26	4834	1055	127	1307
Marvell Rubber Company. (See Clark, Maurice C., assignor.)						
Marvell, Roy W., Philadelphia, Pa., assignor to Bennett-Marvell Manufacturing Company. Self-heating soldering-iron.	850,386	Apr. 16	3401	712	127	2530
Marvell, Roy W., and H. M. Ashman, Baltimore, Md., assignors, by mesne assignments, to E. A. Scott, Philadelphia, Pa. Self-heating soldering-iron.	850,385	Apr. 16	3400	712	127	2530
Marvin, Arthur, Panola, Ill. Conveyor-truck.	857,409	June 18	3812	808	128	2730
Marvin, Benjamin W. (See Willmarth, Charles A., assignor.)						
Marvin, Garret D., Findlay, Ohio. Gear-cutter.	869,319	Oct. 29	3324	913	130	2431
Marvin, Grover N., Oberlin, Kans. Stovepipe-thimble.	863,414	Aug. 13	2081	561	129	2767
Marvin, Harry N., and H. Casler, Canastota, N. Y. Apparatus for delineating character according to the character of the hand.	854,752	May 28	4781	992-4	128	1320
Marvin, William H., and R. R. Vessey, assignors to F. White, New York, N. Y. Machine for manufacturing books.	848,563	Mar. 26	5681	1243-6	127	1519
Marwedel, Paul, Dallas, Tex. Signal.	840,356	Jan. 1	1159	252	126	307
Marwick, David B., assignor to Stanley Works, New Britain, Conn. Applying designs to surfaces.	844,380	Feb. 19	3058	654	126	2630
Marwick, David B., assignor of one-half to E. A. Moore, New Britain, Conn. Machine for bundling scrap.	851,179	Apr. 23	4937	1038	127	2956
Marx, Conrad, New York, N. Y. Coupling for umbrella-handles.	860,401	July 16	3208	877	129	1124
Marx, Gustave C., Elizabeth, N. J., assignor to Diehl Manufacturing Company. Electrical driving mechanism.	854,050	May 21	3423	706	128	944
Marx, Henry F., et al. (See Hackett, John A., assignor.)						
Marx, John, Hoboken, N. J. Composition of matter for fireproof and fire-resisting putty.	859,960	July 16	2532		129	901
Marx, Joseph, Buffalo, N. Y. Storage-battery plate or grid.	867,391	Oct. 1	250	72	130	1390
Marx, Joseph, Buffalo, N. Y. Storage-battery grid.	873,382	Dec. 10	2231	464	131	1553
Marz, Rudolph, J. and P. Schneider, Newport, Ky. Carpenter's floor-vice.	848,837	Apr. 2	481	94	127	1709
Mascart, Charles, Paris, France. Fare-indicator.	856,891	June 11	2821	588	128	2441
Maschinenbau-Anstalt Altenessen, A. G. (See Greiner, Friedrich, assignor.)						
Mascord, George W., Barnes, London, England. Cylinder for printing-presses.	846,040	Mar. 5	652	136	127	166
Mascord, George W., London, England. Gearing.	872,528	Dec. 3	455	94-5	131	1237
Mäser, Reinhold. (See Blankmeister, Otto, assignor.)						
Mashaw Frederick J., Billings, Mont. Toaster or broiler.	863,738	Aug. 20	2561	707	129	2946
Mashek, George J., Newark, N. J. Apparatus for preparing pulverulent materials for molding or briquetting.	852,024	Apr. 30	6714	1396	127	3435
Mashek, George J., Newark, N. J. Preparing pulverulent materials for molding or briquetting.	852,025	Apr. 30	6718	1396	127	3436
Maska, William C. L., New York, N. Y. Umbrella-fixture.	869,005	Oct. 22	2833	780	130	2253
Maskrey, Arthur J., Chester, W. Va. Roll-wiper for tinning-pots.	843,223	Feb. 5	791	163	126	1995
Mason, Charles S., Toledo, Ohio. Hair-drier.	851,764	Apr. 30	6128	1281	127	3284
Mason, Charles T., assignor to Sumter Telephone M'fg. Co., Sumter, S. C. Hook-switch.	846,590	Mar. 12	1771	391	127	480
Mason & Company, Marcus. (See Ramos, Augusto, assignor.)						
Mason, Elliott J., Allegheny, assignor to Heyl & Patterson Incorporated, Pittsburg, Pa. Rollers for belt conveyers.	858,612	July 2	436	114	129	154
Mason, Garrett C., Petaluma, Cal. Automatic gate.	845,308	Feb. 26	5160	1095	126	3191
Mason & Hamlin Company. (See Binnig, Jacob, assignor.)						
Mason, John E., assignor of five-eighths to J. H. Smith and C. E. Holstein, Columbus, Ohio. Firearm.	843,542	Feb. 5	1417	298-9	126	2147
Mason Machine Works. (See Meats and Chandler, assignors.)						
Mason, Morris B., and E. M. Sinclair, assignors, by mesne assignments, to Columbia Gas & Construction Company, Sioux City, Iowa. Carbureter.	846,679	Mar. 12	1944	427	127	525
Mason, Morris B., and E. M. Sinclair, Sioux City, Iowa, assignors, by mesne assignments, to Columbia Gas & Construction Company. Gas-machine.	846,680	Mar. 12	1945	427-8	127	525
Mason Regulator Company. (See Mason, William B., assignor.)						
Mason, Robert, assignor to Kidder Press Company, Dover, N. H. Web-guide for re-winding-machines, &c.	841,994	Jan. 22	4421	952-3	126	1243
Mason, Thomas G., Toronto, Ontario, Canada. Suspenders.	863,034	Aug. 13	1500	407	129	2582
Mason, Wallace N., Richburg, N. Y. Device for handling invalids.	852,280	Apr. 30	7172	1505	127	3551
Mason, Willard E., Burnside, Conn. Type-writing machine.	867,666	Oct. 8	668	189	130	1536
Mason, William, assignor to Winchester Repeating Arms Co., New Haven, Conn. Automatic firearm.	846,591	Mar. 12	1773	391-2	127	451
Mason, William, assignor to Winchester Repeating Arms Co., New Haven, Conn. Automatic firearm.	854,707	May 21	4685	976-8	128	1264
Mason, William, assignor to Winchester Repeating Arms Co., New Haven, Conn. Tubular-magazine automatic gun.	874,856	Dec. 24	5188	1093-6	131	2104
Mason, William B., Boston, Mass., assignor to Mason Regulator Company, Saco, Me. Wrist-pin bearing for engines.	842,847	Jan. 29	6260	1323	126	1739
Mason, William B., Boston, Mass., assignor to Mason Regulator Company, Saco, Me. Reducing-valve.	855,796	June 4	677	139	128	1868
Mason, William B., Boston, Mass., assignor to Mason Regulator Company, Saco, Me. Slowing device for rheostats.	855,797	June 4	678	139	128	1868
Mason, William B., Boston, Mass., assignor to Mason Regulator Company, Saco, Me. Engine-bearing.	856,170	June 4	1387	293	128	2043
Mason, William B., Boston, Mass., assignor to Mason Regulator Company, Saco, Me. Engine-bearing.	858,087	June 25	5205	1103-4	128	3114
Mason, William B., Boston, Mass., assignor to Mason Regulator Company, Saco, Me. Apparatus for maintaining uniform pressure.	858,088	June 25	5209	1104	128	3115
Mason, William B., Boston, Mass., assignor to Mason Regulator Company, Saco, Me. Apparatus for maintaining uniform pressure in driers.	858,089	June 25	5212	1104	128	3116
Mason, William H., Leesburg, Ohio. Truck for handling rolls of wire fencing.	862,495	Aug. 6	664	178	129	2294
Mason, William S., La Salle, Ill. Nut-lock.	843,407	Feb. 5	1126	235	126	2074
Massaad, Ascander K., New York, N. Y. Illusion device.	873,447	Dec. 10	2335	491	131	1574
Massachusetts Saw Works. (See Napier, Charles, assignor.)						
Massey, Claud, Boston, Mass. Combination camping outfit.	844,603	Feb. 19	3752	790	126	2793
Massey-Harris Company. (See Johnston, Andrew, assignor.)						
Massie, Edward S., and J. H. Hawkins, Quincy, Ill. Circuit-controller.	858,197	June 25	5405	1151	128	3163
Massie, Walter W., Providence, R. I. Wireless telegraphy.	853,929	May 14	3176	651	128	845
Massie, Walter W., Providence, R. I. Spark-gap apparatus.	859,092	July 2	1202	323	129	406
Massing, Wilhelm, Borbeck, Germany. Miner's cage.	856,276	June 11	1620	337	128	2137
Massott, Adam, Jr., Mutterstadt, assignor to F. Andre, Haardt, near Neustadt o/H, Germany. Preparing steel of high grade from ordinary iron.	861,999	July 30	5698		129	1984
Mast, Harry G. (See Summers and Mast.)						
Mast, Peter, Adrian, Mich. Fence-gate.	843,161	Feb. 5	655	138	126	1960

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Mastain, Charles, and A. Delfosse, Pont d'Ardres, assignors to Firm of Societe des Refinerie et Sucrierie Say, Paris, France. Mixing apparatus.....	875,444	Dec. 31	6400	1335	131	2318
Master, Albert, Chicago, Ill. Friction-clutch.....	843,288	Feb. 5	933	189	126	2028
Master, Albert, Chicago, Ill. Friction-clutch.....	863,864	Aug. 20	2758	758-9	129	3008
Masters, Egbert E., assignor of one-half to J. Williams, Columbus, Ohio. Brush or mop holder.....	842,965	Feb. 5	244	54	126	1850
Masters, Stephen, Cleveland, Transvaal. Fastening means for cams and the like.....	859,093	July 2	1203	324	129	406
Mastin, John. (See Bennett and Mastin.)						
Matcham, Charles A., Allentown, Pa. Burning cement.....	842,848	Jan. 29	6262	1323	126	1739
Matcham, Charles A., Allentown, Pa. Rotary cement-kiln and fuel-feeder therefor.....	847,257	Mar. 12	3060	675-6	127	802
Matchette, Frank J., assignor to American Air Cleaning Company, Milwaukee, Wis. Carpet-cleaner.....	867,067	Sept. 24	3552	1006	130	1207
Matchette, Frank J., and C. Moukos, Milwaukee, Wis.; said Moukos assignor to said Matchette. Coupling.....	858,463	July 2	149	40	129	50
Mateovitch, Nicholas N. S., San Francisco, assignor to J. E. Moore, Los Angeles, Cal. Electric heater.....	840,857	Jan. 8	2132	470	126	585
Mathein, Frank J., New Haven, Conn., assignor to Anthony & Scovill Company, Binghamton, N. Y. Spool for photographic-film cartridges.....	849,076	Apr. 2	924	189	127	1824
Matheny, George L., assignor of one-half to J. O. Howells, Bridgeport, Ohio. Trolley-guard.....	857,643	June 25	4280	904	128	2879
Matheny, Charles A., Montgomery, Ala. Music-leaf turner.....	874,221	Dec. 17	3941	832-3	131	1864
Matheny, Thurston. (See Hastings and Matheny.)						
Mather, Allan G., and E. C. Shaw, Milwaukee, Wis. Temperature-controlling device for furnaces.....	874,781	Dec. 24	5057	1066	131	2080
Mather, Alonzo C., Chicago, Ill. Pneumatic spring.....	850,387	Apr. 16	3403	713	127	2531
Mather Game Company. (See Mather, Joseph S., assignor.)						
Mather, George C., assignor of one-half to W. W. Hurd, Chicago, Ill. Toilet-paper fixture.....	858,613	July 2	437	114	129	154
Mather, Joseph S., assignor to Mather Game Company, St. Louis, Mo. Game apparatus.....	853,463	May 14	2196	456-7	128	596
Mather, W. Penn. (See Sisson, Albert T., assignor.)						
Mathers, Cyrus F., and A. R. Stevens, Riverside, Cal. Adjustable packing-bin for fruit, etc.....	863,572	Aug. 13	2307	631-2	129	2832
Mathers, Joseph, New York, N. Y. Device for adjusting garments.....	862,571	Aug. 6	800	214	129	2332
Mathers, William H. (See Nelson and Mathers.)						
Mathers, William H., New York, N. Y., assignor to W. M. Dudgeon, Cold Spring Harbor, N. J., executor of Richard Dudgeon, deceased. Tube-expander.....	842,569	Jan. 29	5653	1195	126	1590
Mathers, William S., assignor of one-half to G. F. Knerr, Allerton, Iowa. Clothes-rack.....	845,245	Feb. 26	5018	1067	126	3165
Matheson Motor Car Company. (See Greuter, Charles R., assignor.)						
Matheson, Robert S., assignor of three-fourths to T. W. Hardwick, A. G. Canham, and W. H. C. James, Perth, Western Australia, Australia. Screw.....	848,914	Apr. 2	634	127	127	1750
Matheson, William M., Trenton, N. J. Watch.....	863,300	Aug. 13	1924	520	129	2714
Matheus, Robert S., Fowlstown, Ga., and M. D. Downs, Glory, Fla. Tobacco-shade.....	860,756	July 23	3762	1031	129	1337
Mathews, Amos A., Louisiana, Mo. Tie-frame.....	845,246	Feb. 26	5020	1068	126	3156
Mathews, Fred, et al. (See Malburg, Gottfried, assignor.)						
Mathews Gravity Carrier Company. (See Mathews and Lister, assignors.)						
Mathews, Henry B. (See Roberts and Mathews.)						
Mathews, Rufus P., and C. H. Lister, assignors to Mathews Gravity Carrier Company, St. Paul, Minn. Gravity-carrier.....	842,155	Jan. 22	4748	1014	126	1324
Mathews, Rufus P., and C. H. Lister, assignors to Mathews Gravity Carrier Company, St. Paul, Minn. Gravity-carrier.....	842,156	Jan. 22	4750	1015	126	1324
Mathews, William A. (See Rowe and Mathews.)						
Mathewson, Albert H., Thompsonville, Conn. Attachment for electric-motor controllers.....	865,412	Sept. 10	1011	289	130	336
Mathewson, Ernest T., assignor to Standard Machinery Company, Providence, R. I. Adjustable gear.....	857,180	Apr. 23	4940	1038	127	2957
Mathewson, Ernest T., assignor to Standard Machinery Company, Providence, R. I. Adjustable gear.....	850,946	Apr. 23	4495	940	127	2846
Mathey, John J., Robey, S. D. Disk plow.....	861,192	July 23	4431	1215	129	1556
Mathias Brothers Company. (See Rogers, Charles W., assignor.)						
Mathiesen, Wilhelm, Leutzsch-Leipzig, Germany. Unipolar dynamo.....	861,192	July 23	4431	1215	129	1556
Mathieson, James H., et al. (See Ralston, John M., assignor.)						
Mathieson, Thomas O., et al. (See Ralston, John M., assignor.)						
Mathieu, Joseph Z., Willimantic, Conn. Garment-pad.....	840,149	Jan. 1	734	159	126	200
Mathis, August, Chicago, Ill., assignor to Mathis Brothers Company. Pressure-blower.....	856,171	June 4	1389	293	128	2043
Mathis Brothers Company. (See Mathis, August, assignor.)						
Mathis, Frank X., Jr., and L. Simon, Philadelphia, Pa. Catamenial sack.....	853,708	May 14	2703	557	128	729
Mathison, Edward L., Panora, Iowa. Rural-mail-carrier's cabinet.....	874,896	Dec. 24	5269	1110	131	2116
Mathon, Napoleon F. (See Pritchard, Willard B., assignor.)						
Mathy, Joseph, Hot Springs, Ark. Metallic crate.....	874,782	Dec. 24	5059	1066	131	2081
Mathy, Joseph, Hot Springs, Ark. Grate for metallic crates.....	874,783	Dec. 24	5061	1066	131	2081
Matlika, Georg. (See Windt and Matlika.)						
Matlock, Charles H., Emden, Ill. Draft-equalizer.....	845,309	Feb. 26	5163	1096	126	3191
Matrolis, William A., Cumbola, Pa. Permutation-lock.....	850,309	Apr. 16	3248	676-7	127	2491
Matson, Charles I., Chicago, Ill. Motor-skate.....	854,299	May 21	3909	806	128	1071
Matson, Charles I., Chicago, Ill. Flush-valve.....	873,766	Dec. 17	2978	632	131	1714
Matson, Gustave, Crookston, Minn. Hay-sling lock.....	842,482	Jan. 29	5484	1161	126	1552
Matsumoto, Ikko, Indianapolis, Ind. Hitching-weight.....	843,543	Feb. 5	1422	299	126	2148
Matt. Stewart Company. (See Stewart, Matthew A., assignor.)						
Mattar, Stephan, Leipzig, and R. Funcke, Lorch, Germany. Manufacturing means from wood-tar for preventing dust on streets, roads, and the like.....	855,860	June 4	813	-----	128	1900
Mattassi, Luigi D., Melbourne, Victoria, Australia. Hook and link.....	841,164	Jan. 15	2776	606	126	795
Mattausch, Karl, Ketzelsdorf, near Königinhof, Austria-Hungary, assignor to Felten & Guillaume-Lahmeyer-Werke Actien Gesellschaft, Mülheim-on-the-Rhine, Germany. Drawing-hook for warp-threads in weaving-looms.....	855,521	June 4	151	30	128	1733
Matter, Charles H., Pittsburg, Pa. Swimming appliance.....	869,190	Oct. 22	3102	854	130	2336
Mattern, William J., Lewistown, Pa. Splice-bar.....	840,074	Jan. 1	573	125	126	153
Mattes, Leopold A. (See Schock and Mattes.)						
Matteson, E. J. (See Matteson, Walter C., assignor.)						
Matteson, Thomas, Armbrust, Pa. Steamer.....	869,099	Oct. 22	2970	820	130	2295
Matteson, Walter C., Stockton, Cal. Compound dumping-hinge and automatic door-bar for ore-cars.....	860,817	July 23	3846	1055	129	1365
Matteson, Walter C., Stockton, Cal. Truck and turn-table for ore-cars.....	864,321	Aug. 27	3446	959	129	3247
Matteson, Walter C., assignor of one-half to E. J. Matteson, Stockton, Cal. Nut-lock.....	859,094	July 2	1204	324	129	407
Matteson, William, Doland, S. D. Draft-equalizer.....	850,535	Apr. 16	3691	772	127	2605
Matthel, Henry. (See Matthel, Otto and H.)						
Matthel, Otto and H., Chicago, Ill. Transmission device.....	869,501	Oct. 29	3615	991	130	2521
Matthews, Francis I. (See Wilson and Matthews.)						
Matthews, Francis I., assignor to Oakland Stamp Mill Co., Oakland, Cal. Stamp-mill.....	873,322	Dec. 10	2113	441	131	1532

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Matthews, Francis I., Oakland, assignor to T. M. Gardiner and M. C. Harris, San Francisco, Cal. Graining-machine.	854,170	May 21	3665	758	128	100
Matthews, George, Riga, Mich. Mold box or pan.	852,608	May 7	469	87	128	15
Matthews, George, Riga, Mich. Peat-working machine.	852,609	May 7	471	87-8	128	12
Matthews, George, Granville, Ohio. Automatic switch.	856,892	June 11	2822	588-9	128	244
Matthews, George E., et al., trustees. (See Kidder, Wellington P., assignor.)						
Matthews, Henry E., Salida, Colo. Railway-tie.	855,960	June 4	998	209	128	194
Matthews, Isaac R., Barnesville, Ga. Door-check.	872,529	Dec. 3	459	95	131	123
Matthews, Jesse H., Des Moines, Iowa. Curtain-fastener.	845,340	Feb. 26	5164	1096	126	319
Matthews, Jesse H., Des Moines, Iowa. Metallic strip for dashes.	846,331	Mar. 5	1213	268	127	30
Matthews, John G. (See Dierig, Herman H., assignor.)						
Matthews, John G., Three Rivers, Mich. Manufacturing boring or milling cutters.	848,112	Mar. 26	4835	1056	127	1307
Matthews, John G., Three Rivers, Mich. Reamer.	848,113	Mar. 26	4838	1056	127	1308
Matthews, John H., Hollister, Cal. Folding square.	854,659	May 21	4568	954	128	1235
Matthews, John S., Kansas City, assignor of one-half to H. W. Wolcott, Leavenworth, Kans. Hand-stamp.	359,310	July 9	1541	411	129	553
Matthews, Leonard, Jr., assignor to Norvell-Shapleigh Hardware Company, St. Louis, Mo. Merchandise-cabinet.	846,121	Mar. 5	833	174	127	212
Matthews, Louis I. (See Palmer, Edward T., assignor.)						
Matthews, Luther, Paris, Tenn. Road-grader.	840,075	Jan. 1	574	125	126	153
Matthews, Malcolm C., Chicago, Ill. Tramway-switch.	856,715	June 11	2513	516	128	2364
Matthews, Oscar S., St. Louis, Mo. Pencil-sharpener.	858,885	July 2	899	234	129	310
Matthews, Richard M., assignor of one-half to R. K. Lowry, Metropolis, Ill. Machine for glazing pottery.	852,734	May 7	721	141-2	128	189
Matthews, Robert, Seattle, Wash. Chair.	854,298	May 21	3908	806	128	1071
Matthews, Samuel S., Kansas City, Mo. Cactus silage.	866,496	Sept. 17	2673	130	899	
Matthews, Sanford C., West Elizabeth, Pa. Plumb and level.	863,415	Aug. 13	2082	561	129	2767
Mattias, William C., assignor to O. M. Weand, Reading, Pa. Rotary screen mechanism.	869,720	Oct. 29	3968	1096-7	130	2627
Mattice, Asa M., assignor to Allis-Chalmers Company, Milwaukee, Wis. Testing device.	840,005	Jan. 1	413	89	126	112
Mattice, Asa M., New York, N. Y., assignor to Allis-Chalmers Company, Milwaukee, Wis. Safety control device.	863,197	Aug. 13	1767	475	129	2667
Mattice, Charles H., Green Island, assignor to Adams Laundry Machinery Company, Troy, N. Y. Seam-dampening machine.	851,541	Apr. 23	5660	1185	127	3135
Mattice, Royal, Wichita, Kans. Metallic fence-post and fastening device therefor.	852,235	Apr. 30	7097	1485	127	3533
Mattick, Wm. (See Curtis, Leo W., assignor.)						
Mattimore, Timothy P. (See Harris and Mattimore.)						
Mattingly, Benjamin J., Beeville, Tex. Insect-trap.	860,491	July 16	3332	913	1	
Mattingly, Charles I., Uniontown, Ky. Plow attachment.	872,834	Dec. 3	1088	228	1	
Mattison, Anna, Kewanee, Ill. Bathing and massaging device.	872,441	Dec. 3	257	52	1	
Mattman, Emil, Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Means for fastening collector-leads.	866,667	Sept. 24	2934	830	1	
Mattocks, Homer H., Stella, N. C. Nail-extractor.	855,522	June 4	151	30	1	
Mattou, Frederick V., Riverton, assignor to Camden Iron Works, Camden, N. J. Centrifugal gas-purifier.	866,375	Sept. 17	2517	701-2	1	
Matz, Joseph. (See Anslinger, Joseph A., assignor.)						
Mauck, Marcellus M., Atlanta, Ga. Combined bucket and cooker.	868,465	Oct. 15	1965	548	131	
Maud, Charles E., Monterey, Cal. Explosive-engine.	856,647	June 11	2384	491	128	
Maud, Charles E., San Francisco, Cal. Attachment for horseshoes.	864,901	Sept. 3	217	60	131	
Maul, Alfred, Dresden, Germany. Rocket apparatus.	847,198	Mar. 12	2966	653	127	
Maul, Alfred, Dresden, Germany. Device for maintaining instruments in adjusted positions.	863,035	Aug. 13	1501	407	129	
Maul, Christian, assignor to Johnston Harvester Company, Batavia, N. Y. Back-wing support for grain-binders.	857,950	June 25	4891	1034		
Maul, Christian, assignor to Johnston Harvester Company, Batavia, N. Y. Grain-binder.	872,663	Dec. 3	725	151		
Maul, Henry C. (See Keep and Maul.)						
Maul, William E., St. Louis, Mo. Trap.	850,666	Apr. 16	3955	826		
Mauran, Max, Niagara Falls, N. Y. Drumheading-machine.	865,413	Sept. 10	1012	289-90		
Mauran, Max, Niagara Falls, N. Y., assignor to Castner Electrolytic Alkali Company. Apparatus for hydrating lime.	840,076	Jan. 1	576	125		
Mauran, Max, Niagara Falls, N. Y., assignor to Castner Electrolytic Alkali Co. Bleaching-powder chamber.	865,651	Sept. 10	1394	395		
Maurer, Alfred. (See Hubscher and Maurer.)						
Maurer, Asher, Newark, N. J. Phonograph-horn.	845,007	Feb. 19	4540	967-8		
Maurer, Ludwig, Nuremberg, Germany. Friction-gearing.	846,592	Mar. 12	1781	392		
Maurer, Ludwig, Nuremberg, Germany. Gearing.	858,614	July 2	439	114-15		
Maurer, Martin, Pueblo, Colo. Rolling-mill scale.	873,879	Dec. 17	3213	684-5		
Maus, Frederick P., assignor of one-half to C. W. Mouch, Newcastle, Ind. D-handle.	867,667	Oct. 8	668	189		
Mauss, Wilhelm, Brakpan, assignor to Konomax Rock Drill Syndicate, Limited, Johannesburg, Transvaal. Reciprocating engine.	844,161	Feb. 12	2570	551		
Maussner, Frederick, Philadelphia, Pa. Saddle.	862,572	Aug. 6	802	214		
Mautz, John. (See Stavenik and Mautz.)						
Mauve, Waldemar, Sosnowice, Russia. Steam-brake.	865,414	Sept. 10	1015	290		
Mauzy, Robert L., Plattsmouth, Nebr. Rod-bending machine.	868,792	Oct. 22	2510	69		
Mavor, Warwick C. (See Melancon and Mavor.)						
Mawbey, Alexander H. (See Humphrey and Mawbey.)						
Max Ams Machine Company. (See Brenzinger, Julius, assignor.)						
Maxham, Lowell M., Boston, Mass. Self-acting safety appliance for street-cars.	866,595	Sept. 17	2821	7		
Maxham, Lowell M., assignor of one-half to I. W. Crozier, Boston, Mass. Car fender and guard.	863,198	Aug. 13	1768			
Maxim, Hiram P. (See Pope and Maxim.)						
Maxim, Hiram P., Hartford, Conn., assignor, by mesne assignments, to Electric Vehicle Company, New York, N. Y., and Jersey City, N. J. Motor road-vehicle.	845,106	Feb. 26	4753	1		
Maxim, Hudson, New York, N. Y. Detonating-fuse.	840,226	Jan. 1	886			
Maxim, Hudson, Brooklyn, N. Y. Cartridge. (Reissue.)	12,660	June 11	3046			
Maxson, Francis E., Harmony, Minn. Combined water still and heater.	866,207	Sept. 17	2255			
Maxwell, Bert C., Canton, Ohio. Account-cabinet. (Reissue.)	12,597	Jan. 15	3726			
Maxwell, Bert C., Canton, Ohio. Manfolding book or pad.	847,991	Mar. 19	4600	1009	127	
Maxwell, Briscoe Motor Company. (See Maxwell, Jonathan D., assignor.)						
Maxwell, David, Detroit, Mich. Truss-reinforce for concrete.	859,311	July 9	1342	411	129	
Maxwell, David, Detroit, Mich. Reinforce for concrete.	859,312	July 9	1343	411	129	
Maxwell, David, Detroit, Mich. Metal reinforce for concrete and blank therefor.	859,313	July 9	1344	412	129	
Maxwell, David, Detroit, Mich. Truss-reinforce for concrete.	859,314	July 9	1345	412	129	
Maxwell, David, Detroit, Mich. Reinforcement for concrete structures.	859,315	July 9	1346	412	129	
Maxwell, David, Detroit, Mich. Tunneling.	867,392	Oct. 1	251	72	130	139
Maxwell, David, Oakmont, Pa. Apparatus for tunneling.	867,284	Oct. 1	83	25-26	130	133
Maxwell, David, Oakmont, Pa. Apparatus for tunneling.	867,520	Oct. 1	441	125-7	130	1453

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Maxwell, Edward, and H. J. Page, Montreal, Quebec, Canada. Humidifying system.	859,502	July 9	1825	491-2	129	644
Maxwell, George W., San Francisco, Cal. Receptacle-forming machine.	872,835	Dec. 3	1089	228-9	131	1338
Maxwell, Harry B., Rome, N. Y. Carbureter.	863,739	Aug. 20	2562	708	129	2946
Maxwell, Harry W., Washington, Iowa. Screw-roller for grain-graders or like machines.	860,757	July 23	3763	1031	129	1337
Maxwell, Herbert A. (See Wheildon and Maxwell.)						
Maxwell, James A. G., Rome, Mo. Baling-press.	869,251	Oct. 29	3206	882-3	130	2396
Maxwell, Jefferson D., Anderson, S. C. Hydraulic dredging apparatus.	861,745	July 30	5311	1464-5	129	1865
Maxwell, John, Oneida, N. Y. Burial-casket.	840,077	Jan. 1	578	125	126	154
Maxwell, Jonathan D., Tarrytown, N. Y. Annular ball-bearing.	847,487	Mar. 19	3539	774	127	951
Maxwell, Jonathan D., Tarrytown, assignor to Maxwell Briscoe Motor Company, North Tarrytown, N. Y. Universal joint.	864,014	Aug. 20	2969	819	129	3073
Maxwell, Jonathan D., Tarrytown, assignor to Maxwell Briscoe Motor Company, North Tarrytown, N. Y. Transmission-gearing.	864,015	Aug. 20	2970	819-20	129	3073
Maxwell, Jonathan D., Tarrytown, assignor to Maxwell Briscoe Motor Company, North Tarrytown, N. Y. Clutch and drum.	864,016	Aug. 20	2972	820	129	3074
Maxwell, Levi H., et al. (See Pfeiffer, Christian, assignor.) (Reissue.)						
Maxwell, Stuart D., et al. (See Holmes, Edward, assignor.)						
May, Augustus G., Denver, Colo. Feed-bag.	853,103	May 7	1475	308	128	373
May, Edwin G., Aston Manor, England. Bicycle-support.	840,357	Jan. 1	1161	252	126	307
May, Elihu, Magee, Miss. Buggy-step.	854,753	May 28	4788	994	128	1321
May, Elihu, Magee, Miss. Baling-press.	857,086	June 18	3216	677	128	2580
May, Julius C., Chicago, Ill. Portable folding mirror.	862,833	Aug. 6	1209	326	129	2453
May, Leonard. (See Mai, Bernhardt, assignor.)						
May Manton Pattern Company. (See Laub, George M., assignor.)						
May, Moritz von, and C. Werkenthin, Berlin, Germany. Wooden barn and shed.	854,514	May 21	4302	890	128	1170
May, Rudolf A., Akron, Ohio. Fire-pot for stoves or furnaces.	840,641	Jan. 8	1719	378	126	485
May, Rudolf A., Akron, Ohio. Stove and furnace.	847,351	Mar. 19	3263	717	127	881
May, William H., Bridgeport, Conn. Violin-bridge.	846,332	Mar. 5	1214	268	127	307
May, William R., Newton, Mass. Variable-speed gearing.	840,504	Jan. 8	1451	320	126	416
May, William R., Newton, Mass. Clutch.	845,879	Mar. 5	309	62	127	80
Mayberry, Frank E., Medford assignor to Boston Telephone Selector Company, Boston, Mass. Telephone system.	867,892	Oct. 8	1020	291-2	130	1644
Mayberry, James T. (See Luther, Clevia J., assignor.)						
Mayberry, Reuben D., Findlay, Ohio. Window-shade fixture.	854,515	May 21	4304	890	128	1170
Mayer, Adolph, Winton, Minn. Vertical-spindle mounting for woodworking-machines.	853,104	May 7	1477	308	128	373
Mayer, Adolph, New York, N. Y. Hat.	857,644	June 25	4281	904	128	2880
Mayer, Carl, Oeslau, Germany. Furnace for burning glass, porcelain, and the like articles.	858,738	July 2	650	171	129	224
Charles F., Chicago, Ill. Rein-holder.	864,178	Aug. 27	3230	895	129	3180
Emerich C., et al. (See Mehle, Michael, assignor.)						
Emma, Sunbury, Pa. Garment-hanger.	857,645	June 25	4282	904	128	2880
Ernest, assignor of one-half to J. Mayer, Beaver Falls, Pa. Bedding ceramic or firing.	868,106	Oct. 15	1403	393	130	1785
Frederic W., assignor to Perfected Self-Lighting Mantle Company, New York, Producing self-lighting gas-mantles.	855,798	June 4	680		128	1868
Heinrich, assignor to Firm of A. Saurer, Arbon, Switzerland. Speed-regulating for automobiles.	861,378	July 30	4754	1299	129	1695
Isidor. (See Hübner and Mayer.)						
Joseph. (See Mayer, Ernest, assignor.)						
Joseph, Rutherford, N. J. Suspender for contact-wires of electric railways.	855,114	May 28	5549	1152	128	1514
Joseph, Rutherford, N. J. Strain-adjuster for contact-wires of electric railways.	855,323	May 28	5925	1237	128	1616
Max, New York, N. Y. Hat.	849,151	Apr. 2	1096	220	127	1869
Moritz, New York, N. Y. Metal sign.	857,646	June 25	4283	904	128	2880
Moritz, New York, N. Y. Collapsible display-rack.	865,790	Sept. 10	1607	454	130	521
o G., Stuttgart, Germany. Drawing-pen.	854,585	May 21	4438	922	128	1202
o G., Stuttgart, Germany. Compass-handle-adjusting device.	854,586	May 21	4439	922	128	1203
o G., Stuttgart, Germany. Compass-handle-adjusting device.	857,185	June 18	3403	718	128	2628
ter S., assignor to Machen & Mayer Electrical Manufacturing Company, Philadelphia. Receptacle and plug for electrical connections.	854,369	May 21	4030	833	128	1103
ter S., assignor to Machen & Mayer Electrical Manufacturing Company, Philadelphia. Electric snap-switch.	857,087	June 18	3217	677	128	2580
ter S., assignor to Machen & Mayer Electrical Manufacturing Company, Philadelphia. Electric switch.	857,186	June 18	3404	718	128	2628
ter S., assignor to Machen & Mayer Electrical Manufacturing Company, Philadelphia. Snap-switch.	859,316	July 9	1547	413	129	556
helm, Essen-Rüttenscheid, assignor to Fried. Krupp Aktiengesellschaft, the-Ruhr, Germany. Mount for portable guns.	842,570	Jan. 29	5655	1196	126	1590
helm, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Ammunition-vehicle.	857,246	June 18	3504	740	128	2653
liam G., Pittsburg, Pa. Dumping-wagon.	853,817	May 14	2919	600	128	782
rry C., Clearfield, Pa. Straw-holder.	844,381	Feb. 19	3058	654	126	2630
orge S., assignor, by mesne assignments, to American Mayhew Compo Board Limited, London, England. Making wooden-cored plaster slabs for building purposes.	869,638	Oct. 29	3844	1051-2	130	2590
e S., Tipton, Ind. Cultivator.	852,669	May 7	609	116	128	159
rovanand V. T. (See Maynard and Gale.)						
in, assignor of two-thirds to R. W. Emerson and W. B. Treat, Cleveland, r-feeding mechanism for type-writers.	842,680	Jan. 29	5918	1246	126	1657
smund R. J. and A. V. T., and F. Gale, Fordsburg, Transvaal. Rock-line chuck.	847,590	Mar. 19	3749	823	127	1009
am L., Hudson, Mich. Attachment for hats.	848,838	Apr. 2	483	94	127	1709
H., assignor to Foos Manufacturing Company, Springfield, Ohio. Cob sher.	842,681	Jan. 29	5919	1247-8	126	1657
F., Salem, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Sole-pressing machine.	845,714	Feb. 26	5943	1255-6	126	3384
F., Salem, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Sole-pressing machine.	859,887	July 9	2416	657-8	129	833
Benjamin F., Salem, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Sole-pressing machine.	861,746	July 30	5314	1465-7	129	1866
Benjamin F., Salem, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Sole-pressing machine.	861,875	July 30	5518	1523	129	1929
Benjamin F., Salem, assignor of two-thirds to C. J. Coreoran and J. A. Brogan, Lawrence, Mass. Pencil-sharpener.	847,423	Mar. 19	3418	749	127	920
Mayo, Clarence F., Clifton Hill, Mo. Gate-latch.	868,466	Oct. 15	1967	548	130	1954
Mayo, William. (See Case and Mayo.)						
Mayo, William C., and J. Houlehan, assignors of one-third to G. E. Briggs, El Paso, Tex. Starter for electric motors.	856,540	June 11	2167	446-7	128	2276

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Mays, Charles P., Washington, D. C. Armor for tires.	867,988	Oct. 15	1228	339	130	1732
Mays, James F., Birmingham, Ala. Registering mechanism for calculating-machines.	842,682	Jan. 29	5924	1248-9	126	1655
Maytag, Fred L. (See Brown, Walter F., assignor.)						
Maytham, George W., Buffalo, N. Y. Ship construction.	847,677	Mar. 19	3942	860	127	1055
Mayville, Peter M., Green Bay, Wis. Rifle attachment.	855,468	June 4	388	80	128	1718
Maywald, Eleanor A., New York, N. Y. Spreader or former for dress-girdles.	858,886	July 2	900	235	129	310
Maywald, Frederick J. (See Austen and Maywald.)						
Mazer, Alfred M., Jeannette, Pa. Fuse.	853,105	May 7	1479	309	128	373
Mazer, Alfred M., Jeannette, Pa. Projectile.	855,466	June 4	46	11	128	1706
Mazey, John T., Coventry, England. Draft device for furnaces.	857,354	June 18	3711	784	128	270
Mazzocco, William, Plainfield, N. J. Shock-absorber.	849,150	Apr. 2	1094	220	127	1869
McAdam, Quentin, assignor to Utica Knitting Company, Utica, N. Y. Knitted undergarment.	855,329	May 28	5936	1238	128	1613
McAdams, Lewis C., assignor of one-fourth to A. O. Ewers, Sacramento, Cal. Seat-moving apparatus.	845,008	Feb. 19	4542	968	126	2992
McAdams, Lewis C., assignor of one-half to C. Camenzind, Sacramento, Cal. Automatic switch for railways.	868,614	Oct. 15	2219	616	130	2037
McAdams, William A., New York, N. Y. Casting-machine.	844,169	Feb. 12	2586	554-5	126	2472
McAdams, William A., Bay Shore, N. Y. Casting aluminium alloys.	859,612	July 9	1999		129	702
McAdams, William A., Bay Shore, N. Y. Means for casting aluminium alloys.	859,888	July 9	2420		129	833
McAdoo, Samuel, Toronto, Ont. Boiler-flue cleaner.	842,901	Feb. 5	115	27	126	1819
McAfee, Charles D., Burgettstown, Pa. Hoof-expanding pad.	869,642	Oct. 29	3852	1054	130	2592
McAlear, James, St. Paul, Minn. Valve for sprinkler systems.	846,335	Mar. 5	1219	269	127	308
McAllister, Addams S., New York, N. Y. Alternating-current machinery.	851,828	Apr. 30	6268	1307-8	127	3323
McAllister, Alexander J., Erie, Pa. Drill-chuck.	869,507	Oct. 29	3625	993	130	2524
McAllister, Edward W., et al. (See Wales, Alfred B., assignor.)						
McAllister, John E. (See Ohmer, Whistler, and McAllister.)						
McAllister, John W. (See Witt and McAllister.)						
McAlpin, James W., Savannah, Ga. Saw-sharpener.	845,475	Feb. 26	5495	1163	126	3273
McAlpine, Adam H., Columbus, Ohio. Meter.	855,473	June 4	59	13	128	1709
McAnally, James. (See Bickley and McAnally.)						
McAndrews, Thomas F., Cohoes, assignor of one-half to J. E. Bleibtrey, Waterford, N. Y. Cotter.	844,170	Feb. 12	2593	555	126	2473
McAneay, Bernard, Fitchburg, Mass. Loom-shuttle.	846,686	Mar. 12	4353	190	127	527
McAnulty, John A., Baltimore, Md., assignor to Sanitary Stopper Company of Baltimore City. Counter-block and die for stamping-machines.	844,171	Feb. 12	2594	555	126	2473
McArdle, Jerome B., West Orange, N. J. Horseshoe-pad.	865,422	Sept. 10	1023	292	130	340
McArdle, John, San Francisco, Cal. Vessel.	857,478	June 18	3948	838-9	128	2764
McArthur, Alexander P., Orange, N. J. Electric lamp.	868,110	Oct. 15	1410	396	130	1787
McArthur, Alonzo W., Swampscott, and J. M. Darke, Lynn, Mass., assignors to General Electric Company. Metal mold for casting iron and steel.	852,671	May 7	5917	117	128	151
McArthur, Andrew J., Collins, Ga. Apparatus for distilling wood.	855,330	May 28	5937	1238	128	163
McArthur, Daniel, Jersey City, N. J. Turbine.	852,672	May 7	612	117-18	128	140
McArthur, Finlay, Montreal, Quebec, Canada. Wrench.	854,376	May 21	4043	835	128	1106
McArthur, George E., Eaton Rapids, Mich. Concrete-mixer.	842,902	Feb. 5	116	28	126	1819
McAslan, Norman, Yorkshire, Iowa. Compound tool.	858,618	July 2	446	117	129	156
McAssey, Jonathan. (See Garver, Allen J., assignor.)						
McAtlin, William D., Sioux Falls, S. D. Horse-power.	855,434	May 28	6122	1279-80	128	1657
McAtlin, William D., Tullvania, assignor of one-half to J. H. McConnell, Adair, Mo. Hay-stacker.	841,094	Jan. 8	2623	574	126	712
McAtlin, William D., Tullvania, Mo., assignor of one-half to A. Hyams, Sioux Falls, S. D. Metallic fence-post.	866,048	Sept. 17	2027	566	130	693
McAtlin, William D., Tullvania, Mo., assignor of one-half to A. Hyams, Sioux Falls, S. D. Broom.	874,368	Dec. 17	4232	891	131	1913
McAulay, John D., Baddeck, Nova Scotia, Canada. Saw-sharpening machine.	847,804	Mar. 19	4196	918-19	127	1115
McAuliff, John, Boston, Mass. Driving-gear for bicycles.	853,187	May 7	1621	338	128	409
McAvoy, John F., Baltimore, Md. Umbrella and parasol.	847,805	Mar. 19	4200	919	127	1115
McBee, Charles F., Athens, Ohio. Paper-file.	852,288	Apr. 30	7184	1509	127	3553
McBee, Charles F., Athens, Ohio. Binding-machine.	859,005	July 2	1084	285-6	129	361
McBee, Marshall E., Alto, Tex. Fan-hanger.	847,096	Mar. 12	2760	610	127	727
McBerty, Frank R., Evanston, assignor to Western Electric Company, Chicago, Ill. Adding-machine attachment.	841,335	Jan. 15	3112	672-3	126	880
McBerty, Frank R., Evanston, assignor to Western Electric Company, Chicago, Ill. Coin-collector for telephone-lines.	844,034	Feb. 12	2335	500	126	2410
McBerty, Frank R., Evanston, assignor to Western Electric Company, Chicago, Ill. Signaling system for telephone-exchanges.	849,336	Apr. 2	1431	290	127	1952
McBerty, Frank R., New Rochelle, N. Y., assignor to Western Electric Company, Chicago, Ill. Relay.	862,580	Aug. 6	813	217	129	2335
McBerty, Frank R., Evanston, and E. B. Craft, assignors to Western Electric Company, Chicago, Ill. Spring-jack for telephone-switchboards.	853,370	May 14	2036	421	128	555
McBerty, Frank R., Evanston, and H. B. Holmes, Park Ridge, assignors to Western Electric Company, Chicago, Ill. Coin-collector.	846,500	Mar. 12	1575	348-50	127	4
McBerty, Frank R., Evanston, and J. L. McQuarrie, assignors to Western Electric Company, Chicago, Ill. Coin-collector.	845,370	Feb. 26	5278	1119-20	126	32
McBerty, Fred P., assignor to Peerless Electric Company, Warren, Ohio. Brush-holder.	868,467	Oct 15	1968	549	130	19
McBlain, Alexander W., Kilduff, Iowa. Road-grader.	845,969	Mar. 5	501	103-4	127	
McBride, Frank H. (See McDonald and McBride.)						
McBride, W. L. (See Grable, Guy C., assignor.)						
McBride, William, assignor to Thomas Laughlin Company, Portland, Me. Anchor.	857,001	June 18	3233	680	128	258
McBride, William J., Las Animas, Colo. Automatic adjustable water rating and controlling machine.	843,959	Feb. 12	2205	472	126	23
McCabe, James B., Buffalo, N. Y. Magnetic separator.	867,744	Oct. 8	731	219	130	15
McCabe, John. (See Robinson and McCabe.)						
McCabe, John M., et al. (See Stoops, William B., assignor.)						
McCabe, Phillip H., and A. J. Lavoie, assignors of one-half to said McCabe, one-sixth to said Lavoie, and one-third to K. F. Macnab, Toronto, Ontario, Canada. Vacuum-machine.	861,193	July 23	4433			
McCafferty, Walter, Butte, Mont. Railway-rail.	874,788	Dec. 24	5072			
McCahon, Alexander. (See McCahon, Stewart and A.)						
McCahon, Alexander, St. Joseph, Mo. Electric danger-signal.	842,574	Jan. 29	5661			
McCahon, Stewart and A., St. Joseph, Mo. Metallic cushion-tie.	861,384	July 30	4763			
McCain, Cyrus A., Chicago, Ill. Cushioning mechanism for reciprocating beds.	845,429	Feb. 26	5383			
McCain, Francis W., Midway, W. Va. Water-supply system.	866,156	Sept. 17	2189	61		
McCain, William B., Clearlake, Wash. Saw-handle.	854,517	May 21	4306			
McCall, T. (See McCall, T.)	852,892	May 7	1073			
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Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
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McCall, Thaddeus D., Chicago, Ill. Receptacle-cover.....	857,746	June 25	4485	946	128	2932
McCall, William H., New Windsor, Colo. Beet-harvester.....	843,412	Feb. 5	1134	236-7	126	2076
McCalla, Lee A., Chicago, Ill. Ventilator.....	844,735	Feb. 19	4021	856	126	2861
McCallie, Joseph M., Trenton, N. J. Audiometer.....	862,501	Aug. 6	669	180-1	129	2296
McCallip, William W., Columbus, Ohio. Machine for feeding and cutting wire or other material.....	862,185	Aug. 6	118	32-3	129	2120
McCallum, Alexander, Northampton, Mass. Tag-clip.....	843,960	Feb. 12	2206	472	126	2380
McCallum, William A. F., Philadelphia, Pa. Wheel for motor-vehicles.....	852,893	May 7	1074	221	128	275
McCalmont, Mabel E., Warren, Pa. Safety or restraining device.....	853,025	May 7	1346	280	128	341
McCamish, Sara R., et al. (See Sodekon, Nathan S., assignor.)						
McCandless, Charles W., Allegheny, Pa. Furnace-door opener.....	874,612	Dec. 24	4728	993	131	2025
McCandlish, Sarah. (See Becker, Jacob, assignor.)						
McCann, Daniel, Chicago, Ill. Bookbinder.....	860,228	July 16	2943	804	129	1036
McCann, Harry, Hamilton, Ontario, Canada. Means for attaching articles to concrete walls.....	861,600	July 30	5095	1397-8	129	1802
McCann, James P. (See Collins, Michael, assignor.)						
McCann, James T., Greensburg, Pa. Safety-razor.....	842,000	Jan. 22	4433	954	126	1246
McCann, Joseph L. (See Bishop and McCann.)						
McCann, Lee, assignor of one-half to D. Kimes, Braddock, one-twentieth to E. E. Lash, and one-twentieth to F. C. Blessing, Pittsburg, Pa. Attachment for bags.....	848,481	Mar. 26	5535	1206	127	1483
McCanna, John F., Chicago, Ill. Carbureter.....	861,758	July 30	5334	1471	129	1872
McCanna, John F., assignor to McCord & Company, Chicago, Ill. Gearing.....	850,597	Apr. 16	3810	795	127	2635
McCanna, John F., assignor to McCord & Company, Chicago, Ill. Force-feed lubricator.....	861,757	July 30	5332	1471	129	1871
McCanna, John F., assignor to John F. McCanna Company, Chicago, Ill. Automobile lubricating-pump.....	861,755	July 30	5325	1469-70	129	1868
McCanna, John F., assignor to John F. McCanna Company, Chicago, Ill. Lubricating system.....	861,756	July 30	5328	1470	129	1870
McCargar, Joseph R. (See Clark, Victor E., assignor.)						
McCargar, Larren B., Savannah, Mo. Oiling device for feed-grinders.....	851,767	Apr. 30	6132	1282	127	3285
McCargar, Lorren B., Savannah, assignor to L. B. McCargar Feed Mills Company, St. Joseph, Mo. Power attachment for feed-grinders.....	858,464	July 2	150	40	129	50
McCarroll, Charles T., Ottumwa, Iowa. Coal-stove.....	841,169	Jan. 15	2784	608	126	797
McCarroll, Charles T., Ottumwa, Iowa. Stovepipe-thimble.....	864,980	Sept. 3	348	93	130	109
McCarroll, William J., assignor to Burnham, Williams & Co., Philadelphia, Pa. Means for hydraulically operating valves and cocks.....	856,981	June 11	2993	630	128	2484
McCarroll, William J., assignor to Burnham, Williams & Co., Philadelphia, Pa. Means for operating valves or cocks.....	874,106	Dec. 17	3712	781	131	1824
McCarron, James, and A. Duffy, Jr., Osborne, Kans. Hydrocarbon-burner.....	850,440	Apr. 16	3508	734	127	2558
McCarthy, Alexander, New York, N. Y. Aeronautical machine.....	844,172	Feb. 12	2595	556	126	2474
McCarthy, Alexander, New York, N. Y. Air-compressor.....	844,173	Feb. 12	2597	556	126	2474
McCarthy, Alexander, New York, N. Y. Apparatus for the generation of power.....	865,720	Sept. 10	1501	423-4	130	488
McCarthy, Alexander, New York, N. Y. Air-compressor.....	866,878	Sept. 24	3260	1617-130	131	1117
McCarthy, Daniel J., Wilkinsburg, assignor to Union Switch & Signal Company, Swissvale, Pa. Means for automatically controlling the speed of railway-trains.....	867,522	Oct. 1	445	127	130	1453
McCarthy, Daniel J., Wilkinsburg, assignor to Union Switch & Signal Company, Swissvale, Pa. Automatic block-signaling system.....	867,563	Oct. 1	510	146	130	1471
McCarthy, Elisha B. (See Reynolds and McCarthy.)						
McCarthy, Ernest F., Melrose, Mass. Tool.....	864,981	Sept. 3	349	93	130	110
McCarthy, Felix, Pottstown, Pa. Packing.....	842,230	Jan. 29	4917	1049	126	1399
McCarthy, Felix, Pottstown, Pa. Metallic packing.....	843,230	Feb. 5	809	166	126	1999
McCarthy, James J. (See Lewis, William H., assignor.)						
McCarthy, James J., Chicago, Ill. Car.....	851,022	Apr. 23	4621	969-70	127	2878
McCarthy, John F., assignor of two-thirds to P. F. Moriarty and J. L. Ramsay, Indianapolis, Ind. Car-coupling.....	841,805	Jan. 22	4043	872	126	1152
McCarthy, John F., assignor of two-thirds to P. F. Moriarty and J. L. Ramsay, Indianapolis, Ind. Car-coupling.....	848,763	Apr. 2	280	57	127	1658
McCarthy, John J. (See Lathrop, Frederick H., assignor.)						
McCarthy, Justin G., Chicago, Ill. Match-lighter.....	854,960	May 28	5205	1085	128	1429
McCarthy, Louis, Boston, Mass. Making insulators.....	843,352	Feb. 5	1044	215	126	2053
McCarthy Portable Elevator Company. (See McCarthy, Thomas J., assignor.)						
McCarthy, Thomas A. (See Therre, George M., assignor.)						
McCarthy, Thomas F., Waltham, Mass. Column-support.....	843,163	Feb. 5	659	138	126	1961
McCarthy, Thomas J., Los Angeles, Cal., assignor to McCarthy Portable Elevator Company, Jersey City, N. J. Revolving portable elevator.....	854,961	May 28	5206	1085	128	1429
McCartney, Robert L., Ottumwa, Iowa. Miter-box.....	851,023	Apr. 23	4623	970	127	2879
McCart, Charles H., and F. A. Wooster, assignors to Reliance Edge Tool Company, Youngstown, Ohio. Folding drawing-knife handle.....	851,604	Apr. 23	5797	1211	127	3170
McCart, Francis J., deceased; H. A. McCarthy, administrator, assignor to McCarthy Wireless Telephone Co., San Francisco, Cal. Wireless telephone.....	857,530	June 18	4046	861	128	2790
McCart, Francis J., deceased; H. A. McCarthy, administrator, assignor to McCarthy Wireless Telephone Co., San Francisco, Cal. Wireless transmission of sonorous vibrations.....	867,895	Oct. 8	1031	293	130	1647
McCart, Francis J., deceased; H. A. McCarthy, administrator, assignor to McCarthy Wireless Telephone Co., San Francisco, Cal. Wireless transmission of sonorous vibrations.....	867,896	Oct. 8	1032	293	130	1647
McCart, H. C. (See McLaughlin, Milton P., assignor.)						
McCart, Harry C., Williamsport, Pa. Car-axle box.....	868,881	Oct. 22	2635	728	130	2189
McCart, Henry A., administrator. (See McCarthy, Francis J.)						
McCart, John B., Des Moines, Iowa. Foot-rest for buggies.....	854,103	May 21	3539	730	128	973
McCart, Lewis C. (See McCarthy, Thomas F. and L. C.)						
McCart, Ralph. (See Westrip and McCarthy.)						
McCart, Thomas F. and L. C., Fall Creek township, Hamilton county, Ind. Clod-sunder adjuster.....	857,095	June 18	3254	680	128	2584
McCart, William F. M., Pleasantville, N. Y. Vehicle-wheel.....	852,289	Apr. 30	7186	1509	127	3553
McCart, William F. M., Pleasantville, N. Y. Automatic incubator.....	874,696	Dec. 24	4900	1030	131	2053
McCart, William W., Diamond, Ind. Lawn-mower.....	843,961	Feb. 12	2207	472	126	2380
McCart Telephone Company. (See McCarthy, Francis J., assignor.)						
McCart, assignor to McCaskey Register Company, Alliance, Ohio. Credit-plate.....	859,508	July 9	1832	494	129	647
McCart, assignor to McCaskey Register Company, Alliance, Ohio. Duplicate holder.....	869,508	Oct. 29	3626	994	130	2524
McCart Company. (See McCaskey, Perry A., assignor.)						
McCart Company. (See Pardee, Rollin D., assignor.)						
McCart Company. (See Staples, Albert F., assignor.)						
McCart Company. (See Staples and Potter, assignors.)						
McCart Company. (See Stevens, Ansel, assignor.)						
McCart, (See Headley, Elwood, assignor.)						
McCart, H. H., Campbell, Cal. Bottle.....	864,000					3078

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McCauley, Albert J., assignor to American Car & Foundry Company, St. Louis, Mo. Tank-car.	861,474	July 30	4910	1347-8	129	1741
McCauley, Andrew J., Chicago, Ill. Door-catch.	859,459	July 9	1762	471	129	625
McCauley, Frank L., <i>et al.</i> (See Elkins and Hunter, assignors.)						
McCauley, Frank L. (See McIntyre, James J., assignor.)						
McCauley, William T., Osgoode, Ontario, Canada. Pole-tip.	852,571	May 7	402	73	128	106
McCauley, William T., Osgoode, Ontario, Canada. Mud-guard for vehicles.	857,747	June 25	4487	947	128	2933
McCauley, Frank F., Sistersville, W. Va. Swing.	857,653	June 25	4292	906	128	2882
McCausland, David, assignor to Cadillac Motor Car Company, Detroit, Mich. Fender-support.	844,459	Feb. 19	3203	691	126	2666
McCausland, William, Brooklyn, N. Y. Combination-tool.	842,806	Jan. 29	6169	1302-3	126	1716
McCaveny, John C., Superior, Wis. Pneumatic hammer.	858,200	June 25	5409	1152	128	3165
McChesley, Hugh, Seward, Pa. Hoe.	860,405	July 16	3212	879	129	1126
McChesney, Herbert R., <i>et al.</i> (See Snell, Charles N., assignor.)						
McChord, William C., Jr., Springfield, Ky. Electric fan.	871,729	Nov. 19	3274	810	131	905
McClain, Andrew F., Syracuse, N. Y., assignor of five-eighths to T. M. Dix, Chelmsford, Mass. Making salt.	856,597	June 11	2283	470	128	2306
McClain, Hoyt N., <i>et al.</i> (See Diehl, John J., assignor.)						
McClanahan, Isaac W., Spokane, Wash. Kitchen-cabinet.	861,532	July 30	4986	1370	129	1767
McClaskey, Riley, Butte, Mont. Adjustable-calk horseshoe.	866,381	Sept. 17	2523	703	130	851
McClave-Brooks Company. (See McClave, William, assignor.)						
McClave, William, Scranton, Pa., assignor to McClave-Brooks Company. Furnace.	849,912	Apr. 9	2524	522	127	2267
McClave, William, assignor to McClave-Brooks Company, Scranton, Pa. Stoking-grate mechanism.	849,913	Apr. 9	2528	522-3	127	2268
McClave, William, assignor to McClave-Brooks Company, Scranton, Pa. Grate.	849,914	Apr. 9	2531	523-4	127	2268
McClave, William, Scranton, Pa., assignor to McClave-Brooks Company. Furnace.	853,721	May 14	2742	563-4	128	738
McClave, William, assignor to McClave-Brooks Company, Scranton, Pa. Grate.	865,929	Sept. 10	1834	513-14	130	603
McClave, William, assignor to McClave-Brooks Company, Scranton, Pa. Pneumatic delivery system.	867,068	Sept. 24	3554	1006-7	130	1208
McClay, David W., Schenectady, N. Y. Axle-cutter.	873,886	Dec. 17	3226	688	131	1754
McClean Arms and Ordnance Company. (See McClean, Samuel N., assignor.)						
McClean, Horatio T., Durant, Iowa. Wire-grip.	842,329	Jan. 29	5130	1090	126	1454
McClean, Samuel N., Cleveland, Ohio. Gun-carriage.	862,502	Aug. 6	671	181-2	129	2296
McClean, Samuel N., assignor to McClean Arms and Ordnance Company, Cleveland, Ohio. Breech-operating mechanism for ordnance.	856,653	June 11	2397	493-4	128	2334
McClean, Samuel N., assignor to McClean Arms and Ordnance Company, Cleveland, Ohio. One-pounder machine-gun.	858,745	July 2	663	175	129	230
McClelland, James, Carson City, Mich. Whiffletree-hook.	840,152	Jan. 1	741	161	126	201
McClellon, James M., Everett, Mass. Coal-handling apparatus.	869,929	Nov. 5	75	22-4	131	25
McClellon, James M., Everett, Mass. Fire-box for locomotive-boilers.	870,306	Nov. 5	680	182-3	131	222
McClellon, James M., Everett, Mass. Fire-box for locomotive-boilers.	870,380	Nov. 5	820	217	131	269
McClellon, James M., Everett, Mass. Locomotive-boiler.	870,455	Nov. 5	921	250-2	131	301
McClenahan, Timothy W., York, Pa. Molding process.	850,670	Apr. 16	3968	830	127	2675
McClintock, Charles, Elwood, Ind. Compound twitch-halter.	843,689	Feb. 12	1697	361	126	2253
McClintock, Charles, Elwood, Ind. Convertible halter and twitch.	856,415	June 11	1946	399-400	128	2221
McClintock, Charles C., Englewood, Colo. Trolley-head.	873,955	Dec. 17	3353	714	131	1776
McClintock, Charles T., Oil City, Pa. Clock-movement.	854,518	May 21	4307	891	128	1171
McClintock, David L., Kansas City, Mo. Power-transmitting mechanism for automobiles.	846,754	Mar. 12	2079	456-7	127	559
McClintock, Edward, Merriam Park, Minn. Engineer's alarm.	849,157	Apr. 2	1103	222	127	1871
McClintock, Edward H., West Somerville, assignor of three-fourths to E. B. Martin, J. D. Crosby, C. S. Day, and A. S. Martin, Boston, Mass. Mold for plastic material.	856,982	June 11	2995	630	128	2484
McClintock, Elmer E. B., Baltimore, Md. Railway cross-tie.	846,935	Mar. 12	2455	538	127	653
McClintock, William, New York, N. Y. Hose-rack.	844,531	Feb. 19	3376	727	126	2708
McClintock, William T., Springfield, W. Va. Device for driving and forming piles.	850,389	Apr. 16	3406	713	127	2551
McCloskey, Joseph A., Mount Vernon, N. Y. Carpenter's square.	855,257	May 28	5814	1211	128	1583
McCloud, Edward H., Columbus, Ohio. Flexible fire-resisting curtain.	847,681	Mar. 19	3948	861-2	127	1057
McCloud, Edward H., assignor to Kinnear Manufacturing Company, Columbus, Ohio. Hood for rolling fire-resisting curtains.	842,968	Feb. 5	250	55	126	1832
McCloud, Edward H., assignor to Kinnear Manufacturing Company, Columbus, Ohio. Fire-resisting shutter.	850,172	Apr. 16	2993	627	127	2420
McCloud, Edward H., assignor to Kinnear Manufacturing Company, Columbus, Ohio. Flexible curtain.	863,741	Aug. 20	2565	709	129	2948
McCloud, Edward H., assignor to Kinnear Manufacturing Company, Columbus, Ohio. Fire-resisting curtain and channel therefor.	869,447	Oct. 29	3525	968	130	2493
McCloud, Smith M., San Francisco, Cal. Trap and target shooting apparatus.	858,895	July 2	914	239-40	129	315
McCloud, Smith N., assignor to Davis Chair Co., Marysville, Ohio. Chair-seat.	859,828	July 9	2314	629	129	803
McCloy, William, Cressona, Pa. Railway-tie.	868,212	Oct. 15	1549	440	130	1828
McClune, Cassius M., assignor of one-half to H. J. Williams, Olean, N. Y. Tenoning-machine.	851,302	Apr. 23	5204	1091-2	127	3023
McClure, Edward, assignor of one-half to F. P. Smith, Chicago, Ill. Building construction.	857,821	June 25	4635	983	128	2969
McClure, Elmer P., Western Springs, and J. B. Loewenstein, Chicago, Ill. Corn-gathering machine.	850,390	Apr. 16	3407	714	127	2532
McClure, Ernest. (See Newman, Albert T., assignor.)						
McClure, John, Weatherby, Mo. Weeding-hoe.	841,708	Jan. 22	3840	835	126	1100
McClure, Joseph A., Philadelphia, Pa. Washing-machine.	843,480	Feb. 5	1270	267	126	2111
McClure, Joseph H. (See Taylor, Alfred J., assignor.)						
McClure, Joseph H. (See Taylor and McClure.)						
McClure, Pattison F., Pierre, S. D. Smoking-pipe.	867,826	Oct. 8	920	262	130	1614
McClurg, Harry O., Baltimore, Md. Non-refillable bottle.	852,408	Apr. 30	7433	1560	127	3615
McClurg, Harry O., Baltimore, Md. Non-refillable bottle.	874,021	Dec. 17	3481	741	131	1797
McCluskey, Frank, New York, N. Y. Tension-joint for pipes.	839,947	Jan. 1	300	66	126	83
McCollough, William A., Lamoille, Iowa. Stubble-cutter.	844,888	Feb. 19	4321	922	126	2939
McCollough, William A., Lamoille, Iowa. Stubble-cutter.	844,956	Feb. 19	4430	946	126	2965
McCollum, Archibald J., assignor to Armac Motor Company, Chicago, Ill. Fly-wheel construction for gas-engines.	867,207	Sept. 24	3778	1068	130	1278
McCollum, Fenelon, Mansfield Depot, Conn. Organ-pipe foot.	844,613	Feb. 19	3770	795	126	2797
McCollum, Peter, Fayette, Mo. Gate.	845,566	Feb. 26	5645	1196	126	3310
McColm, John A., New Plymouth, Idaho. Nail holder and set.	874,613	Dec. 24	4730	994	131	2025
McComas, Isaac T., Baltimore, Md. Device for constructing tunnels under water.	848,315	Mar. 26	5225	1140	127	1406
McComas, Mark. (See McElvaney, Charles T., assignor.)						
McComb, Jennings S., Dobbs Ferry, N. Y. Desk attachment.	873,770	Dec. 17	2986	633	131	1715
McCombie, Elizabeth, assignor of one-half to J. M. Watt, Chicago, Ill. Stretcher-frame.	840,232	Jan. 1	900	194	126	244
McConachie, Lauros G., Madison, Wis. Device for teaching penmanship.	862,004	July 30	5704	1582-3	129	1985
McConaghan, Daniel. (See Kramer, Frederick, assignor.)						
McConkey, Louis G., Goodhope, W. Va. Penholder.	855,331	May 28	5939	1239	128	1614

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McConaughy, Thomas L., Hagerstown, Md. Vehicle-wheel.	872,668	Dec. 3	735	153	131	1283
McConnell, Harry R., Washington, D. C. Power-transmission gearing.	845,314	Feb. 26	5168	1097	126	3193
McConnell, John H. (See McAtlin, William D., assignor.)						
McConnell, John R., <i>et al.</i> (See Robertson, George W., assignor.)						
McConnell, Mary E., Seattle, Wash. Shirt-waist holder and skirt-supporter.	854,301	May 21	3913	807	128	1072
McConnell, Milton B., Tampa, Fla. Switch.	873,134	Dec. 10	1730	362-3	131	1471
McConnell, Niven, Pittsburg, Pa. Water-cooled valve.	867,289	Oct. 1	93	28-9	130	1342
McConney, Robert B. (See Buckingham, Charles L., assignor.)						
McCook, William, Walton, N. Y. Automatic air-brake mechanism.	843,481	Feb. 5	1272	267-8	126	2111
McCook, William A., Beaver Falls, Pa., assignor to Union Specialty Manufacturing Company.						
McCord, Alvin C., Chicago, Ill. Dumping-car.	870,307	Nov. 5	684	183-4	131	224
McCord, Alvin C., Chicago, Ill. Car-axle-box lid.	839,870	Jan. 1	131	32	126	38
McCord, Alvin C., Chicago, Ill. Conveying system.	839,871	Jan. 1	133	33	126	38
McCord & Company. (See McCanna, John F., assignor.)	857,096	June 18	3235	680	128	2584
McCord, James, Newburgh, assignor to M. R. McCord, H. M. Harlow, and N. M. Leonard, New York, N. Y. Window-blind.	863,573	Aug. 13	2308	632	129	2832
McCord, Jonathan D., Hanford, Cal. Oil-burner.	863,304	Aug. 13	1930	521	129	2716
McCord, Mary R., <i>et al.</i> (See McCord, James, assignor.)						
McCord, Ralph, and C. O. Cunningham, St. Louis, Mo. Closet-seat.	848,043	Mar. 26	4724	1030	127	1280
McCorkell, James, Nespecke, Idaho. Threshing-machine.	875,550	Dec. 31	6596	1378	131	2351
McCormack, Frank J., Milwaukee, Wis. Toy.	857,097	June 18	3238	681	128	2586
McCormack, Harry S., Providence, R. I., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	847,428	Mar. 19	3429	752	127	923
McCormack, Harry S., Providence, R. I., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	848,678	Apr. 2	111	25	127	1613
McCormack, Harry S., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	848,764	Apr. 2	281	58	127	1658
McCormack, Harry S., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	850,310	Apr. 16	3252	677-8	127	2492
McCormack, Harry S., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	850,890	Apr. 16	4386	918	127	2781
McCormack, Ira A., White Plains, N. Y. Sanding device for railway-rails.	866,504	Sept. 17	2680	749	130	901
McCormick, Albert L. (See Reif and McCormick.)						
McCormick, Benjamin D., Akron, Ohio. Cupola-furnace.	847,097	Mar. 12	2761	610	127	727
McCormick, Bradley T., Cincinnati, Ohio, assignor to Bullock Electric Manufacturing Company. Dynamo-electric machine.	858,097	June 25	5229	1108-9	128	3120
McCormick, Charles, Russell, Iowa. Air-ship.	864,672	Aug. 27	4031	1118	129	3431
McCormick, Charles H., Jersey City, N. J. Cutting attachment for paper-making machines.	872,248	Nov. 26	4424	1051	131	1108
McCormick, Edward, Duquesne, Pa. Splice-bar.	848,122	Mar. 26	4854	1060	127	1312
McCormick, Edward, and H. C. Roggenkamp, Chicago, Ill. Angle-cock.	841,806	Jan. 22	4044	872-3	126	1153
McCormick, Horace, and M. A. Lumbard, Des Moines, Iowa. Register for short-account systems.	859,322	July 9	1566	417	129	562
McCormick, Hugh M., Royal Oak, Mich. Corset-stay.	869,797	Oct. 29	4079	1126	130	2659
McCormick, John H., Columbus, Ohio, assignor to National Cash Register Company. Cash-register.	861,237	July 23	4499	1233	129	1579
McCormick, Joseph A., assignor to J. J. Ryan and Company, Chicago, Ill. Adjustable standard.	842,330	Jan. 29	5131	1090	126	1455
McCormick, Joseph A., assignor to J. J. Ryan & Company, Chicago, Ill. Soda-fountain.	872,669	Dec. 3	736	153-4	131	1284
McCormick, Junius A., Pittsburg, Pa. Man and hand hole connection for boilers.	853,821	May 14	2937	603	128	786
McCormick, Lewis C., Morgantown, W. Va., and S. Flory, Bangor, Pa. Suspension-cableway.	844,386	Feb. 19	3066	657	126	2633
McCormick, Lewis M., New York, N. Y. Lantern-slide and mat therefor.	855,121	May 28	5567	1156	128	1518
McCormick, Peter J., Baltimore, Md. Attachment for planing-machines.	859,829	July 9	2316	630	129	803
McCormick, Thomas, Mount Pleasant, Pa. Lace-curtain hanger.	843,091	Feb. 5	514	108	126	1925
McCormick, Thomas, and A. Miller, Mount Pleasant, assignors of three-fifths to G. A. Schaefer, J. F. Miller, H. H. Schaefer, and W. J. Keist, Allegheny, Pa. Carbureter.	869,256	Oct. 29	3211	884	130	2397
McCormick, Washington, Hillyard, Wash. Bolt-extractor.	856,654	June 11	2401	494	128	2335
McCormick, Washington, Hillyard, Wash. Tube expanding and beading tool.	840,233	Jan. 1	900	195	126	244
McCormick, Washington, Hillyard, Wash. Cutting-tool.	856,896	June 11	2834	591	128	2444
McCormick, William, and H. Barnes, Cleveland, Ohio. Flushing-tank.	860,052	July 16	2686	731	129	954
McCormick, William J., Trivoli, Ill. Flue-cleaner.	865,423	Sept. 10	1024	293	130	340
McCoy, Alfred C. (See Sons, Fogel, and McCoy.)	846,234	Mar. 5	1034	222	127	263
McCoy, Bradley C., Pontiac, Mich. Planting-machine.	858,201	June 25	5410	1152-3	128	3165
McCoy, Clyde and W. Morton, Los Angeles, Cal. Automatic curtain hook and release for vestibule-cars.	853,188	May 7	1623	339	128	409
McCoy, Elijah, and C. H. H. Wheeler, said McCoy assignor to N. S. Praigg, Detroit, Mich. Scaffold-support.	856,084	June 4	1206	255	128	1997
McCoy, Fred, <i>et al.</i> (See Amsbary, William N., assignor.)						
McCoy, George J., Fossil, Oreg. Vehicle-reach.	857,822	June 25	4637	984	128	2970
McCoy, Hugh B., administrator. (See Harris, Robert C. and H. R.)						
McCoy, John, <i>et al.</i> (See Ferguson, George C., assignor.)						
McCoy, John, Maysville, Ga. Cotton-chopper.	861,042	July 23	4217	1154-5	129	1484
McCoy, John, Vienna Cross Roads, Ohio. Screw-driver.	873,771	Dec. 17	2988	633	131	1716
McCoy, John A., Kennett, Cal. Collapsible lantern.	847,429	Mar. 19	3431	753	127	923
McCoy, John A., Somerville, Mass. Junction or connecting box.	875,279	Dec. 31	6071	1267	131	2266
McCoy, John I., assignor of one-half to H. Hamilton, Pittsburg, Pa. Curtain hanger or support.	852,894	May 7	1077	222	128	275
McCoy, Nathan, Marshalltown, Iowa. Sight-feed lubricator.	873,675	Dec. 10	2776	589	131	1650
McCoy, Ralph Z., Loveland, Colo. Automatic dumping apparatus.	843,482	Feb. 5	1280	268-9	126	2113
McCracken, Charles C., McComb, Ohio. Window-cleaner.	856,287	June 11	1643	341	128	2143
McCracken, Isaac E., Wilkinsburg, Pa., and E. S. Woods, assignors to J. L. Woods, Chicago, Ill. Steel-tired wheel.	856,598	June 11	2284	470	128	2307
McCrackin, Robert H., Storms, Ohio. Signaling device.	848,482	Mar. 26	5536	1206	127	1483
McCrory, Charles A. (See Chambers, Froome, Huff, and McCrory.)						
McCrory, David S., <i>et al.</i> (See Woodall, Robert B., assignor.)						
McCrea, Arthur M., Lamar, Mo. Target-trap.	841,423	Jan. 15	3283	708	126	924
McCrea, James. (See Skinner and McCrea.)						
McCreary, George B., Indianapolis, Ind. Hose or pipe mender.	847,594	Mar. 19	3758	824	127	1010
McCulloch, Henry B., Canton, Okla. Ter. Game apparatus.	865,794	Sept. 10	1611	456	130	523
McCulloch, John H., Newville, Pa. Inhaler.	867,827	Oct. 8	921	263	130	1614
McCulloch, Marsena P., Red Oak, Iowa. Machine for laying underground drain-tiles.	848,841	Apr. 2	487	95	127	1710

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McCullough, Henry L., Cropsey, Ill. Pump-lubricator.	872,249	Nov. 26	4426	1052	131	1108
McCullough, Lawrence L., Kansas City, Kans. Track-moving apparatus.	860,761	July 23	3768	1033	129	1339
McCullough, Paul J., St. Louis, Mo. Ball-bearing.	871,949	Nov. 26	3778	918	131	1009
McCullough, Peter A., Pittsburg, Pa. Automatically-opening valve.	872,005	Nov. 26	3930	947	131	1028
McCullough, William C., Bucyrus, Ohio. Pneumatic cushion.	871,811	Nov. 26	3477	852	131	963
McCullough, William H., Chicago, Ill. Lightning-conductor.	852,572	May 7	403	74	128	106
McCumber, Carlton G. (See Barker and McCumber.)						
McCune, Samuel A., New Waterford, Ohio. Weeder attachment for cultivators.	873,383	Dec. 10	2231	465	131	1553
McCurdy, Charles M. (See Knopf, Albert H., assignor.)						
McCusker, Frank C., Philadelphia, Pa. Roofing-tongs.	865,930	Sept. 10	1838	514	130	604
McCusker, Peter, Galesburg, Ill. Burner for explosion-engines.	871,883	Nov. 26	3642	888	131	988
McCutchan, Albert H., assignor of one-half to C. M. Delzell and J. H. Santee, Goltry, Okla. Ter. Grain-lifting attachment for harvesters.	843,164	Feb. 5	660	139	126	1961
McCutcheon, James, Edinburgh, Scotland. Apparatus for detecting the presence and volume of fire-damp and other light gas in mines, &c.	852,895	May 7	1079	222	128	276
McCutcheon, Obadiah K., Pittsburg, Pa. Ore pulverizer and concentrator.	850,952	Apr. 23	4504	942	127	2848
McDaniel, Albert B., Allegheny, Pa. Adjustable and portable carrying-stool.	872,739	Dec. 3	887	184	131	1307
McDaniel, Albert B., Allegheny, assignor of one-half to P. Doody, Pittsburg, Pa. Combination stool and folding foot-rest.	872,738	Dec. 3	886	184	131	1306
McDaniel, Charles W., Kansas City, Mo. Fire-alarm system.	870,574	Nov. 12	1100	301	131	389
McDaniel, James, Minneapolis, Minn. Wheat-washing machine.	871,517	Nov. 19	2896	725	131	839
McDaniel, John H., St. Louis, Mo. Electric tower for displaying carriage-numbers.	850,671	Apr. 16	3970	830	127	2675
McDaniel, John S., Lebanon, Ind. Washing-machine.	866,731	Sept. 24	3041	857	130	1050
McDanill, John R., Aubrey, Tex. Horse-detacher.	870,898	Nov. 12	1636	447	131	562
McDermand, George R., and E. C. Blackburn, Dayton, Ohio. Draft-controlling device for furnaces.	854,428	May 21	4147	859	128	1131
McDermott, Joseph H. (See McLane, Joseph A., assignor.)						
McDermott, Patrick, Potomac, Mont. Smoke-condenser.	862,005	July 30	5706	1583	129	1986
McDermott, William P. (See Sevens and McDermott.)						
McDonald, Alexander, Columbus, Ohio. Hoisting-bucket.	859,509	July 9	1835	494-5	129	647
McDonald, Alexander H., Wyandotte, Mich. Evaporating apparatus.	872,533	Dec. 3	468	97	131	1239
McDonald, Alice F. G. (See McDonald, William T. B., assignor.)						
McDonald, Charles B., assignor to McDonald Machine Company, Chicago, Ill. Can-forming machine.	864,325	Aug. 27	3451	961-2	129	3248
McDonald, Charles W., San Francisco, Cal. Telegraph code.	841,885	Jan. 22	4219	908-9	126	1196
McDonald, Charles W., San Francisco, Cal. Code or cipher system.	842,106	Jan. 22	4628	993	126	1293
McDonald, Charles W., New York, N. Y. Collapsible arch or center.	875,551	Dec. 31	6597	1379	131	2352
McDonald, French, Hiawatha, Kans. Dough-raiser.	847,020	Mar. 12	2604	571-2	127	691
McDonald, James J., et al. (See Aule, James H., assignor.)						
McDonald, James S., assignor to J. S. McDonald Company, Chicago, Ill. Loose-leaf holder and temporary binder.	864,024	Aug. 20	2982	824	129	3076
McDonald, James S., assignor to J. S. McDonald Company, Chicago, Ill. Baffle for the locks of the adjustable backs of loose-leaf books, &c.	864,136	Aug. 20	3169	876	129	3133
McDonald, James S., assignor to J. S. McDonald Company, Chicago, Ill. Temporary binder for loose leaves.	867,223	Sept. 24	3804	1073	130	1287
McDonald, John, Blair, assignor of one-half to P. Herpolzheimer, Seward, Nebr. Valve-gear.	855,654	June 4	397	83	128	1795
McDonald, John, and F. H. McBride, Blair township, Washington county, Nebr. Mud-toe for traction-wheels.	852,573	May 7	404	74	128	107
McDonald Machine Company. (See McDonald, Charles B., assignor.)						
McDonald, Patrick J., Mahanoy City, Pa. Earth-filling apparatus.	859,238	July 9	1429	380	129	515
McDonald, Samuel, Los Angeles, Cal. Producing pig-iron and steel.	859,572	July 9	1943	524	129	682
McDonald, Thomas L., Luella, Tex. Cultivator.	872,443	Dec. 3	260	53	131	1209
McDonald, William, Claremont, Minn. Door-hanger.	856,796	June 11	2660	548	128	2402
McDonald, William T. B., Granby, Quebec, assignor to R. Greene, London, and A. F. G. McDonald, Granby Canada. Buffer.	847,357	Mar. 19	3282	720	127	884
McDonell, Charles D., Omaha, Nebr. Suspenders.	859,682	July 9	2113	570	129	738
McDonnell, Francis J., New Bedford, Mass. Car-fender.	862,006	July 30	5706	1583	129	1986
McDonnell, George P., St. Louis, Mo., assignor, by mesne assignments, to General Electric Company. Vacuum cut-off.	859,323	July 9	1567	417	129	562
McDonnell, Michael E., Leominster, Mass. Ornamental article for personal wear.	873,258	Dec. 10	1967	412	131	1510
McDonnell, Michael E., Leominster, Mass. Ornament.	874,789	Dec. 24	5073	1069	131	2083
McDonnell, Patrick E., Jr., Chicago, Ill. Night-soil-reduction plant.	863,305	Aug. 13	1931	521-2	129	2716
McDonough, Edward A., Phoenixville, Pa. Automatic gas cut-off.	869,589	Oct. 29	3761	1030	130	2566
McDonough, James H., Watertown, Mass. Fire-kindler.	849,915	Apr. 9	2534	524	127	2269
McDougall, Andrew H., assignor to Whiting Foundry Equipment Company, Harvey, Ill. Clutch arrangement for traveling cranes.	875,367	Dec. 31	6250	1304	131	2293
McDougall, David, Fall River, Mass. Sandpapering and polishing machine.	839,872	Jan. 1	135	33-4	126	39
McDougall, William, Chicago, Ill. Hammer.	846,687	Mar. 12	1954	430	127	527
McDowell, Elwood F. (See Beale and McDowell.)						
McDowell, George, New York, assignor of one-half to J. A. Latimer, Brooklyn, N. Y. Engine.	850,953	Apr. 23	4505	942	127	2849
McDowell, John, Sr., New York, N. Y. Drawer-lock for desks.	858,896	July 2	917	240	129	316
McDowell, John, Sr., New York, N. Y. Shelf-support.	859,683	July 9	2114	570	129	738
McDowell, Robert H., Salem, Ohio. Fountain-brush.	843,690	Feb. 12	1699	361	126	2253
McDowell, Robert H., assignor to Electric Filter Company, Alliance, Ohio. Automatic electrical cut-off.	853,990	May 21	3301	679	128	916
McDowell, Valentine H., Lynn, Mass. Pneumatic tire.	842,231	Jan. 29	4919	1049-50	126	1400
McDuffee, Henry L., Gilroy, Cal. Wave-motor.	844,174	Feb. 12	2598	557	126	2474
McElfatrick, Samuel, Princeton, Ky. Railway-track clamp.	857,479	June 18	3951	840	128	2765
McElhinny, James F., assignor of one-half to J. H. Fendrich, Evansville, Ind. Type-writing machine.	844,532	Feb. 19	3377	728	126	2709
McEligott, Edward J., and E. A. Cimmery, Manistee, Mich. Building-block.	848,917	Apr. 2	637	127	127	1751
McElroy, Covelle S., Steppville, Kans. Attachment for screen-doors.	873,580	Dec. 10	2611	550	131	1619
McElroy, James F. (See Hawley, Green, Fulton, and McElroy.)						
McElroy, James F., assignor to Consolidated Car Heating Company, Albany, N. Y. Hose-coupling.	847,292	Mar. 12	3130	689-90	127	820
McElroy, James F., assignor to Consolidated Car Heating Company, Albany, N. Y. Electric regulating device.	855,723	June 4	532	112	128	1783
McElroy, James F., assignor to Consolidated Car Heating Company, Albany, N. Y. Expandable cell for thermostats.	874,022	Dec. 17	3483	741	131	1798
McElroy, James F., assignor to Consolidated Car-Heating Company, Albany, N. Y. Non-inductive resistance.	874,023	Dec. 17	3484	742	131	1798
McElroy, James F., assignor to Consolidated Car Heating Company, Albany, N. Y. Electric bell.	874,024	Dec. 17	3486	742	131	1798
McElroy, John C., Providence, R. I. Pipe-joint.	843,165	Feb. 5	662	139	126	1962

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McElroy, John H., trustee. (See Blodgett, John W., assignor.)						
McElroy, John H., Chicago, Ill. Voting-machine.	866,801	Sept. 24	3143	886-7	130	1082
McEvoy, Joseph H., Houston, Tex. Well-strainer.	864,673	Aug. 27	4032	1118	129	3431
McElroy, Karl P. (See Ellis and McElroy.)						
McElroy, Robert L., J. E. Shepherd, and J. G. Nolen, Chicago, Ill., assignors to Automatic Fire Protection Company. Automatic fire-signal system.	846,336	Mar. 5	1222	269-71	127	309
McElvaney, Charles T., assignor of one-half to M. McComas, Denison, Tex. Headlight attachment.	855,122	May 28	5568	1157	128	1518
McEntire, James H., Williamston, Mich. Bean-harvester.	854,591	May 21	4449	925	128	1205
McEntire, Martin A., Ashland, Ohio. Steering-gear.	867,290	Oct. 1	95	29	130	1343
McEvoy, Joseph H., Houston, Tex. Straining-plug.	874,418	Dec. 24	4344	914	131	1962
McEvoy, Patrick, Oil City, Pa. Inclosure for poultry.	846,688	Mar. 12	1956	430	127	528
McEwen, A. F. (See Skinner, Irving, assignor.)						
McEwen, Addison C., Brooklyn, N. Y. Registering device.	848,483	Mar. 26	5536	1206-7	127	1483
McEwen, Daniel T. K., et al. (See Abraham, Elias, assignor.)						
McEwen, Hugh W., Chicago, Ill. Soap cutting and pressing machine.	852,190	Apr. 30	7017	1465-6	127	3512
McFadden, Emerson C., Short Hills, N. J. Eraser for type-writers.	852,191	Apr. 30	7021	1466	127	3513
McFadden, Mary E. (See McFadden, William B., assignor.)						
McFadden, Origen A., Fairfield, Me., assignor of one-half to W. H. Gray, Boston, Mass. Door-hanger.	867,523	Oct. 1	447	128	130	1454
McFadden, William B., assignor to M. E. McFadden, Syracuse, N. Y. Scraper attachment for ice-cream freezers.	861,305	July 30	4624	1264	129	1654
McFall, James R., St. Louis, Mo. Fence.	859,239	July 9	1431	380	129	516
McFarland, Charles N., Dorranceton borough, assignor to Adder Machine Company, Kingston borough, Pa. Adding-machine.	842,232	Jan. 29	4921	1050-1	126	1400
McFarland, Charles N., assignor to Adder Machine Company, Kingston, Pa. Digit-repeating mechanism for adding-machines.	874,107	Dec. 17	3714	781-2	131	1824
McFarland, Russell H. (See Duane and McFarland.)						
McFarland, Thomas W., Chicago, Ill. Means for drying or curing paper-board.	846,337	Mar. 5	1230	271	127	310
McFarland, Thomas W., Chicago, Ill. Recovering the fiber of the cotton-plant.	858,411	July 2	75	129	128	25
McFarlane, George C., Bay City, Mich. Air-compressor.	865,424	Sept. 10	1025	293	130	340
McFarren, Edward W., Saginaw, Mich. Polishing compound.	847,098	Mar. 12	2762	127	127	727
McFell, Judson, Chicago, Ill. Fire-alarm and watch service system.	839,873	Jan. 1	139	34	126	40
McGahan, Frederick L., Los Angeles, Cal. Fireproof Christmas tree.	860,406	July 6	3213	879	129	1162
McGahan, George R., Paisley, Scotland, assignor to J. L. B. Hamilton, Los Angeles, Cal. Treatment of leaves.	848,386	Mar. 26	5360	1168	127	1437
McGarvey, John. (See McBrier and McGarvey.)						
McGath, Elmer G., Lancaster, Ohio. Railway signaling device.	861,759	July 30	5337	1472	129	1873
McGavin, James, Springfield, Ill. Adjustable hanger for electric lights.	875,280	Dec. 31	6073	1267	131	2267
McGavock, James, assignor to New England Electric Company, Denver, Colo. Electric-light switch.	844,533	Feb. 19	3379	728	126	2709
McGee, Charles H., Portland, Me. Window-screen.	875,552	Dec. 31	6599	1379	131	2352
McGee, Guy C., assignor of one-fourth to A. G. Bruner, Ironton, Colo. Fly-trap.	866,879	Sept. 24	3261	917	130	1117
McGee, John J., New York, N. Y. Piston-packing.	840,793	Jan. 8	2014	445	126	557
McGee, John J., assignor of one-half to A. F. S. Georghegan, New York, N. Y. Pump piston-packing.	875,095	Dec. 31	5718	1192	131	2207
McGee, Richmond M., Dallas, Tex. Automatic railway-switch.	859,324	July 9	1569	418	129	562
McGehe, Thomas J., and J. Gallagher, Allegheny, Pa. Burner.	869,101	Oct. 22	2972	821	130	2295
McGehe, William J., Bushnell, Ill. Hand-cultivator.	872,959	Dec. 3	1345	284	131	1378
McGhie, John, and B. Blood, assignors to Safety Manufacturing Company, Spokane, Wash. Stovepipe.	862,007	July 30	5707	1584	129	1986
McGiffert, John R., assignor to Clyde Iron Works, Duluth, Minn. Log-loader.	857,188	June 18	3410	719	128	2630
McGiffert, John R., assignor to Clyde Iron Works, Duluth, Minn. Log-loader.	857,654	June 25	4293	907	128	2883
McGiffert, John R., assignor to Clyde Iron Works, Duluth, Minn. Frame for log-loaders.	857,655	June 25	4296	907	128	2884
McGiffert, John R., assignor to Clyde Iron Works, Duluth, Minn. Log-loader.	861,601	July 30	5098	1399	129	1802
McGiffert, John R., assignor to Clyde Iron Works, Duluth, Minn. Log-skidding machine.	875,096	Dec. 31	5720	1192	131	2208
McGill, Albert E., Chicago, Ill. Folding perambulator or go-cart.	861,475	July 30	4911	1345	129	1742
McGill, George W., New York, N. Y. Metallic paper-fastener.	857,749	June 25	4488	947	128	2933
McGill, George W., Riverdale-on-Hudson, N. Y. Metallic fastener.	857,749	June 25	4490	947	128	2933
McGill, George W., Enid, Okla. Tere. Traction-machine.	867,828	Oct. 8	921	263	130	1615
McGill, James H. (See Molitor, Charles, assignor.)						
McGill, Jennie, Chicago, Ill. Cooking utensil.	866,157	Sept. 17	2190	610	130	745
McGill, Michael J., Park City, Utah. Plug-valve.	867,399	Oct. 1	259	75	130	1392
McGillivray, John J., Gillespieville, Ohio. Set-lock for firearms.	841,807	Jan. 22	4047	873	126	1154
McGillivray, Thomas F., et al. (See Wilson and Rigdon, assignors.)						
McGinley, James B., Allegheny, Pa., assignor to National Metal Molding Company. Fixture for electric lamps.	851,024	Apr. 23	4626	970	127	2880
McGinn, Patrick J., New York, N. Y. Testing-fitting and clean-out.	868,936	Oct. 22	2727	751	130	2219
McGinn, Patrick J., Salisbury, Rhodesia. Spring for vehicles.	873,325	Dec. 10	2120	442	131	1534
McGinnis, Frank G., Lynchburg, Va. Truck-skid.	843,835	Feb. 12	1966	420	126	2321
McGinnis, Thomas J., Boise, Idaho. Automatic gate-opener.	850,441	Apr. 16	3510	734-5	127	2559
McGinty, Bernard, Doylestown, assignor of one-half to T. H. Heist, Philadelphia, Pa. Newspaper-file.	864,982	Sept. 3	350	94	130	110
McGladdery, David, Newport, Ky., and J. Pawlowski, Cincinnati, Ohio. Race-course barrier and starting device.	873,162	Dec. 10	1779	374-5	131	1480
McGlinchay, Edward, Galloway, Ohio. Stock-feeding apparatus.	874,980	Dec. 31	5493	1147	131	2170
McGlone, Bernard T., Chicago, Ill., and G. Ross, Hammond, Ind. Casting-machine.	844,460	Feb. 19	3205	691	126	2666
McGlone, William, Mount Iron, Minn. Wrench.	855,014	May 28	5521	1105	128	1458
McGlynn, John, Troy, N. Y. Bottle.	864,674	Aug. 27	4033	1119	129	3432
McGonagle, Arthur, East Orange, N. J. Heating system.	875,449	Dec. 31	6408	1337	131	2320
McGonegal, Guy N., Juniata, Neb. Veterinary obstetrical forceps.	865,721	Sept. 10	1502	424	130	488
McGonigle, Charles W., assignor of one-half to O. L. Young, North Yakima, Wash. Engine.	870,308	Nov. 5	685	184	131	224
McGovern, Daniel F., Montpelier, Vt. Polishing-wheel.	861,476	July 30	4914	1349	129	1743
McGovern, Lawrence, Boston, Mass. Printing-block.	845,483	Feb. 5	1284	269	126	2114
McGowan, Henry E., New York, N. Y. System of cooling for condensing steam plants.	874,858	Dec. 24	5200	1096	131	2105
McGowan, William L., Philadelphia, Pa. Plug for sealing underground conduits.	849,415	Apr. 9	1580	321	127	2027
McGrady, Owen, Kendall, Mont. Portable suspending-hook.	860,762	July 23	3769	1053	129	1340
McGranor, Lauriston G., and J. W. Beall, Irwin, Pa. Elevating-wagon.	874,525	Dec. 24	4568	958	131	1996
McGrath, Frederick. (See Coughlin, Joseph D., assignor.)						
McGrath, Thomas. (See Stephens and McGrath.)						
McGraw, Edwin, Falmouth, Ind. Vehicle turning-gear.	863,742	Aug. 20	2567	709	129	2944
McGraw, Lee H., Monterey, Ky. Running-gear.	866,668	Sept. 24	2935	830	130	1009
McGraw, Rhoda, Syracuse, N. Y. Supply-valve for flush-tanks.	846,132	Sept. 5	857	179	127	218
McGreevy, John A. (See Albert, William H., assignor.)						
McGregor, Allan L. and D., assignors to M. T. Frink, Duluth, Minn. Evener for vehicles.	872,006	Nov. 26	3932	947	131	1029

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McGregor, Bradford, Covington, Ky., assignor of two-fifths to C. L. Doughty, Cincinnati, Ohio. Tobacco stemming and booking machine.	840,234	Jan. 1	902	195-7	126	214
McGregor, Duncan. (See McGregor, Allan L. and D.)						
McGregor, Homer T., Wheeling, W. Va. Making enameled vessels.	875,281	Dec. 31	6074	1268	131	2267
McGregor, Orran P., Toronto, Ontario, Canada. Bag-holder.	863,039	Aug. 13	1566	409	129	2588
McGregor, Peter, Chicago, Ill. Pipe-cutter.	852,341	Apr. 30	7277	1530	127	3576
McGregor, Thomas A., Halcyondale, Ga. Sap-cup hook.	857,823	June 25	4638	984	128	2970
McGuigan, John, and A. Priddle, San Francisco, Cal. Vault-light.	849,260	Apr. 2	1292	262	127	1917
McGuinness, Benjamin F., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Pattern mechanism for looms.	844,736	Feb. 19	4023	857	126	2861
McGuinness, Benjamin F., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Loom harness-eveener mechanism.	865,264	Sept. 3	761	217	130	231
McGuinness, Benjamin F., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Warp stop-motion.	869,643	Oct. 29	3852	1054	130	2593
McGuinness, Benjamin F., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Weft-replenishing loom.	869,644	Oct. 29	3854	1054-5	130	2594
McGuinness, Leonard J., et al. (See McGuire, Patrick J., assignor.)						
McGuire-Cummings Manufacturing Company. (See Lennox, Talbot, assignor.)						
McGuire, Daniel H., Wharton, Tex. Seed-planter.	872,363	Dec. 3	105	19	131	1182
McGuire, Frank, Detroit, Mich. Railway-switch lock.	852,075	Apr. 30	6800	1416	127	3458
McGuire, James J., Washington, D. C. Projectile for ordnance.	859,325	July 9	1571	418	129	563
McGuire, John H., Heuvelton, N. Y. Stanchion.	847,806	Mar. 19	4202	919-20	127	1116
McGuire, Michael G., Chicago, Ill. Umbrella.	843,092	Feb. 5	517	108-9	126	1926
McGuire, Michael G. Niagara Falls, N. Y. Umbrella.	854,663	May 21	4575	955-6	128	1237
McGuire, Patrick J., assignor of one-fifth to L. J. McGuinness and E. A. Schminke, New York, N. Y. Tile.	873,676	Dec. 10	2778	589	131	1651
McGuire, William F., Rockford, Ill. Heater.	840,235	Jan. 1	907	198	126	246
McHale, Frank, et al. (See Malburg, Gottfried, assignor.)						
McHardy, James A., assignor to Standard Carbureter Company, Providence, R. I. Carbureter.	871,730	Nov. 19	3274	811	131	905
McHenry, Alfred, Bentonville, Ark. Press for pressing lids on boxes.	840,236	Jan. 1	908	198	126	246
McHenry, James R., Montpellier, Cal. Automatic feed-regulator for seeders.	868,213	Oct. 15	1550	440	130	1828
McHugh, James T. (See Downing and McHugh.)						
McInnerney Benjamin, Omaha, Nebr. Means of control for an electrically-actuated body.	855,066	May 28	5431	1127	128	1487
McInnerney, Benjamin, Omaha, Nebr., assignor to L. Dohme, Baltimore, Md. Electric igniter for gas-engines.	859,510	July 9	1836	495	129	648
McInnes, Neil, Allegheny, Pa. Pressed-steel connecting-bar.	840,237	Jan. 1	909	198	126	247
McIntire, Alexander and C. W., Amorita, Okla. Ter. Mail-carrier.	869,448	Oct. 29	3526	968-9	130	2494
McIntire, Charles W. (See McIntire, Alexander and C. W.)						
McIntire, George A., assignor of one-half to C. F. Dalton, Port Chester, N. Y. Wrench.	858,357	June 25	5724	1220	128	3250
McIntire, Hervey H., South Bend, Ind. Electric timing device.	843,621	Feb. 12	1579	334	126	2222
McIntire, Hervey H., South Bend, Ind. Photographic-printing machine.	856,716	June 11	2514	517	128	2364
McIntire, Hervey H., South Bend, Ind. Timing device.	856,717	June 11	2517	517	128	2365
McIntire, Hervey H., South Bend, Ind. Photographic-printing apparatus.	861,602	July 30	5100	1399-1400	129	1804
McIntire, Hervey H., South Bend, Ind. Platen.	869,192	Oct. 22	3104	854	130	2336
McIntire, Magee & Brown. (See Gold, Myer, assignor.)						
McIntosh, Angus A., Alexandria, Ontario, Canada. Lever-jack.	843,292	Feb. 5	940	190	126	2029
McIntosh, Angus A., Alexandria, Ontario, Canada. Hoisting mechanism.	855,332	May 28	5940	1230-40	128	1614
McIntosh, Burnett, New York, N. Y., assignor to F. A. Hall, Montclair, N. J. Folding cot or divan.	875,450	Dec. 31	6410	1337	131	2320
McIntosh, Charles B. (See Bowman and McIntosh.)						
McIntosh, Charles H., Montreal, Quebec, Canada. Producing half-tone plates.	871,234	Nov. 19	2260	595	131	743
McIntosh, Charles J., assignor to J. I. Case Threshing Machine Company, Racine, Wis. Folding carrier-frame.	863,082	Aug. 13	1583	427-8	129	2608
McIntosh, Clayton A., assignor to B. S. Wilson, Washington, Kans. Carrier.	855,333	May 28	5944	1240	128	1615
McIntosh, Jacob M., Warren, Ohio. Wall-paper cleaner.	869,931	Nov. 5	82	24	131	28
McIntosh, John, Jr. (See Powell, Benjamin F., assignor.)						
McIntosh, John T., Chicago, assignor of one-third to C. H. Roberts, Evanston, Ill. Automatic safety stop device for electric vehicles.	857,890	June 25	4755	1010	128	2997
McIntosh, John T., and J. S. Manton, Chicago, Ill. Automatic air-brake apparatus and method.	869,930	Nov. 5	78	24	131	26
McIntosh, William, Iron River, Wis. Running-gear for wagons.	843,691	Feb. 12	1700	361-2	126	2253
McIntosh, William A., Wilbur, Wash. Lacing-hook.	859,460	July 9	1763	471	129	625
McIntyre, Archibald W., Alexander, N. D. Pail-support.	844,175	Feb. 12	2600	557	126	2475
McIntyre, David, Detroit, Mich. Bracket.	871,137	Nov. 19	2061	557	131	711
McIntyre, Elmer E., Pittsburg, Pa. Shaft-hanger.	867,291	Oct. 1	95	29-30	130	1343
McIntyre, Elmer E., Pittsburg, Pa. Shaft-hanger.	871,136	Nov. 19	2059	556-7	131	711
McIntyre, Ernest G., Butte, Mont. Reel.	869,010	Oct. 22	2842	783	130	2255
McIntyre, Frank, assignor to Eagle Pencil Company, New York, N. Y. Assortment-box or display-rack for lead-pencils.	846,133	Mar. 5	858	179	127	218
McIntyre, Frank, assignor to Eagle Pencil Company, New York, N. Y. Rubber tip for lead-pencils.	863,306	Aug. 13	1934	522	129	2717
McIntyre, James, assignor to J. E. McIntyre, Boston, Mass. Flooring.	851,768	Apr. 30	6133	1282	127	3286
McIntyre, James E. (See McIntyre, James, assignor.)						
McIntyre, James J., Ironton, Ohio. Gas-lamp.	871,950	Nov. 26	3780	919	131	1009
McIntyre, James J., assignor of one-half to F. L. McCauley, Ironton, Ohio. Adjustable and reversible handle for baby-carriages.	870,739	Nov. 12	1371	375	131	481
McIntyre, John, Jersey City, N. J. Electromagnetic apparatus.	868,468	Oct. 15	1969	549	130	1955
McIntyre, John J., Mansfield, Ohio. Cabinet.	866,158	Sept. 17	2191	610	130	745
McIntyre, John W., Edge Hill, Pa. Bench-vice.	866,296	Sept. 17	2392	666	130	811
McIntyre, Robert J., Allentown, Pa. Brake mechanism.	867,400	Oct. 1	260	75-6	130	1392
McIntyre, Robert S., Riverside, Cal. Automobile driving-gear.	858,202	June 25	5413	1153-4	128	3166
McIntyre, Robert S., Riverside, Cal. Sprocket-chain.	867,208	Sept. 24	3779	1068	130	1279
McIntyre, Robert S., Riverside, Cal. Sprocket wheel and chain.	868,615	Oct. 15	2220	617	130	2037
McIver, Alexander, Schenectady, N. Y., assignor to General Electric Company. System of motor control.	874,025	Dec. 17	3487	742	131	1798
McIver, Evander, deceased, and J. Widua, Chicago, Ill.; M. McIver, administratrix. Hair-drying apparatus.	870,740	Nov. 12	1372	376	131	481
McIver, John A. (See Fell and McIver.)						
McIver, Margaret, administratrix. (See McIver and Widua.)						
McIvor, Daniel, Crookston, Minn. Threshing-machine feeder.	867,829	Oct. 8	923	263	130	1615
McKaig, James, Allegheny, Pa. Ball-cock for flush-tanks.	846,598	Mar. 12	1793	395	127	486
McKallip, Iman C., et al. (See Morgan, Robert, assignor.)						
McKam, Lawrence G., New Westminster, British Columbia, Canada. Saw-tooth.	848,842	Apr. 2	489	96	127	1711

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McKay, David J. (See Shay, John H., assignor.)						
McKay, Donald D. (See Wicks and McKay.)						
McKay, Ferdinand C. D., Willseyville, assignor to W. L. McKay, Geneva, N. Y. Truss.	870,519	Nov. 5	1016	276-7	131	328
McKay, Peter, assignor of one-half to C. Ribatto and J. A. Osborn, Day Dawn, Western Australia. Vehicle-spring buffer.	842,001	Jan. 22	4434	954	126	1247
McKay, William L. (See McKay, Ferdinand C. D., assignor.)						
McKee, Arthur G., Cleveland, Ohio. Charging blast-furnaces.	864,795	Sept. 3	49	14	130	18
McKee, Belle R. (See McKee, Mary M., assignor.)						
McKee and Bliven Button Company. (See Hopkins and Miller, assignors.)						
McKee and Bliven Button Company. (See Miller, John W., assignor.)						
McKee, Charles S., Glencoe, Ill. Piston.	869,932	Nov. 5	83	25	131	28
McKee, Charles W. (See Scherer and McKee.)						
McKee, Edwin F., and E. Otfedahl, St. Louis, Mo. Eyeglasses.	856,897	June 11	2836	592	128	2445
McKee, Garnet W., Detroit, Mich. Meter connection.	866,952	Sept. 24	3370	953	130	1151
McKee, George F., and W. F. Schilling, Aspinwall, Pa. Casting apparatus.	840,153	Jan. 1	742	161	126	202
McKee, George F., and W. F. Schilling, Aspinwall, Pa. Molding apparatus.	844,737	Feb. 19	4025	858	126	2861
McKee, George F., and W. F. Schilling, Aspinwall, Pa. Collapsible core.	875,097	Dec. 31	5723	1192	131	2208
McKee, Mary M., assignor of one-half to B. R. McKee, Tacoma, Wash. Dish-washer.	847,495	Mar. 19	3553	778-9	127	955
McKee, Milton A., assignor to C. B. Cottrell & Sons Company, New York, N. Y., and Stonington, Conn. Printing-plate and preparing the same.	857,531	June 18	4048	861-2	128	2791
McKee, Milton A., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Treating printing-plates.	872,630	Dec. 3	654	137	131	1270
McKee, Ralph H., Lake Forest, Ill. Producing potassium compounds.	869,011	Oct. 22	2843		130	2255
McKee, Robert A., assignor to Allis-Chalmers Company, Milwaukee, Wis. Valve mechanism.	863,084	Aug. 13	1586	428-9	129	2609
McKee, Robert A., assignor to Allis-Chalmers Company, Milwaukee, Wis. Lubricated coupling.	875,588	Dec. 31	6676	1394	131	2364
McKee, Robert M. (See Howard and McKee.)						
McKee, Thomas A., assignor to F. M. Nichols and F. H. Lowe, Peoria, Ill. Corn-planter.	845,808	Mar. 5	144	27	127	40
McKee, William J., assignor of one-half to A. N. Ericsson, Detroit, Mich. Firearm.	868,616	Oct. 15	2221	617	130	2038
McKee, Willis. (See Parrock and McKee.)						
McKee, Willis, Elyria, Ohio. Punching and shearing machine.	863,204	Aug. 13	1778	478	129	2671
McKee, Willis, Elyria, Ohio. Tie-plate.	863,626	Aug. 20	2412	662-3	129	2898
McKee, Willis, assignor to Elyria Iron & Steel Company, Elyria, Ohio. Tie-plate.	864,137	Aug. 20	3171	876-7	129	3133
McKeel & Company, George A. (See McKeel, George A., assignor.)						
McKeel, George A., assignor to G. A. McKeel & Company, Limited, Jackson, Mich. Vehicle-hub.	874,637	Dec. 24	4901	1030	131	2053
McKeen, Thomas L., Easton, Pa. Friction draft and buffing gear.	848,260	Mar. 26	5087	1112	127	1371
McKeen, William R., Jr., Omaha, Nebr. Ventilator-hood.	843,413	Feb. 5	1136	237	126	2076
McKeen, William R., Jr., Omaha, Nebr. Unloading device for pump inlet-valves.	849,916	Apr. 9	2535	524	127	2269
McKeen, William R., Jr., Omaha, Nebr. Clutch.	855,524	June 4	155	30-1	128	1734
McKeen, William R., Jr., Omaha, Nebr. Power-controlling mechanism.	862,186	Aug. 6	120	33-4	129	2121
McKeen, William R., Jr., Omaha, Nebr., assignor to E. H. Harriman, Arden, N. Y. Clutch mechanism.	874,419	Dec. 24	4345	914	131	1963
McKeiver, William H., Indianapolis, Ind., assignor to T. M. Hardy, Jr., Pendleton, Ohio. Door or sash lock.	853,991	May 21	3303	679	128	916
McKellar, James. (See Lutz and McKellar.)						
McKellar, John F., Storden, Minn. End-gate.	852,673	May 7	615	118	128	160
McKelvey, Etta N., and I. E. Eells, East Liverpool, Ohio. Combination skirt trimmer and marker.	871,731	Nov. 19	3277	811	131	905
McKelvey, William W., assignor to William B. Pollock Company, Youngstown, Ohio. Lock for dumping-cars.	853,189	May 7	1625	339	128	410
McKenna, Alexander G. (See Wheeler and McKenna.)						
McKenna, Edmund B., Buffalo, N. Y. Braking construction.	863,420	Aug. 13	2088	562	129	2768
McKenna, Edward D., Brooklyn, N. Y. Tally-card.	865,795	Sept. 10	1612	456	130	523
McKenna, Frank B. (See O'Brien, John D., assignor.)						
McKenna, Harvey E., Donora, Pa. Wire-stripping machine.	843,353	Feb. 5	1045	215	126	2053
McKenna, Jacob B., Pueblo, Colo. Hot-blast valve.	853,722	May 14	2747	564-5	128	739
McKenney, Albert W., Roxbury, Mass. Dental bracket.	846,420	Mar. 5	1416	314	127	357
McKenney, Albion T. (See Clay and McKenney.)						
McKensey, James L., Millville, N. J. Combination furniture.	843,547	Feb. 5	1430	301	126	2150
McKenzy, William A., Cleveland, Ohio. Display apparatus.	850,243	Apr. 16	3135	655	127	2460
McKenzie, Angus, Canton, Ohio. Pipe-machine.	860,879	July 23	3951	1083-4	129	1400
McKenzie, Angus, Jamestown, assignor, by mesne assignments, to U. S. Standard Voting Machine Co., Rochester, N. Y. Voting-machine.	853,822	May 14	2939	603-4	128	787
McKenzie, Angus, Jamestown, assignor, by mesne assignments, to U. S. Standard Voting Machine Co., Rochester, N. Y. Voting-machine.	855,334	May 28	5945	1241	128	1615
McKenzie, Angus, assignor of one-half to W. W. Stephens, Canton, Ohio. Metallic case or casket.	872,740	Dec. 3	889	184	131	1307
McKenzie, Bertram D. (See Roberts, Frederick C., assignor.)						
McKenzie, Daniel B., Elkhorn, W. Va. Fence-picket.	874,420	Dec. 24	4349	915	131	1963
McKenzie, Donald, South Dunedin, New Zealand. Pencil-sharpener.	851,025	Apr. 23	4627	970	127	2880
McKenzie, Donald G., Vancouver, British Columbia, Canada. Change-giving fare-box.	851,303	Apr. 23	5207	1092-3	127	3024
McKenzie, E. H. (See Risinger, Willie E., assignor.)						
McKenzie, John H., Augusta, Ga. Brick drying and conveying apparatus.	844,738	Feb. 19	4027	858	126	2862
McKenzie, Malcolm, Plainfield, N. J. Extracting turpentine and other products from wood.	851,687	Apr. 30	5989	1250	127	3248
McKenzie, Malcolm, Plainfield, N. J. Apparatus for extracting turpentine and other substances from wood.	852,236	Apr. 30	7099	1485	127	3533
McKenzie, Peter S., Comanche, Ind. Ter. Vending-machine.	862,929	Aug. 13	1340	366	129	2531
McKenzie, Roderick, assignor to U. S. Standard Voting Machine Company, Jamestown, N. Y. Voting-machine.	865,052	Sept. 3	454	123-8	130	139
McKenzie, Thomas W., Kenton, Manitoba, Canada. Telegraphic apparatus.	840,508	Jan. 8	1458	321	126	418
McKenzie, William C., Flatbush, assignor of one-half to F. M. Laudgraft, Brooklyn, and W. P. Oetjen, Flatbush, N. Y. Drawing-board.	863,307	Aug. 13	1934	522	129	2717
McKenzie, William M., Pittsburg, Pa. Nut-tap.	861,221	July 23	4478	1228	129	1571
McKeone, Richard J., Sault Ste. Marie, Mich. Mineral-separator.	865,053	Sept. 3	466	129	130	141
McKeown, John C., Chicago, Ill. Lattice-truss.	851,304	Apr. 23	5210	1093	127	3024
McKeown, Joseph B., Union Hill, N. J. Pneumatic system for control of windows.	864,551	Aug. 27	3838	1064	129	3373
McKewen, William J., Philadelphia, Pa. Switch.	852,192	Apr. 30	7022	1466	127	3513
McKibben, Charles R., Pittsburg, Pa. Pipe-flanging machine.	840,154	Jan. 1	743	161-2	126	202
McKibbin, John S., Atlanta, Nebr. Collapsible crate or case.	868,214	Oct. 15	1551	440-1	130	1828
McKiel, James B., Marshall, Tex. Truck.	852,738	May 7	732	143-4	128	192
McKiel, James B., Marshall, Tex. Beamless brake mechanism.	867,401	Oct. 1	260	76	130	1393
McKillop, Samuel W., Ypsilanti, Mich. Die.	862,581	Aug. 6	814	217	129	2335

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McKillop, William J. H. (See Pasqualin, Simon, assignor.)						
McKinley, Joseph S., Cincinnati, Ohio. Horseshoe attachment	861,306	July 30	4626	1264	129	1654
McKinley, Melvin, assignor of one-half to R. F. Timmons, Coshocton, Ohio. Slitting-machine	841,037	Jan. 8	2498	544	126	680
McKinley, William, <i>et al.</i> (See Mapes, William T., assignor.)						
McKinley, William E., assignor of one-half to J. R. Boyles, Columbus, Ohio. Air-hose coupling for train-lines	844,035	Feb. 12	2337	501	126	2411
McKinney, Eva J., Hallsville, Ill. Waist and skirt supporter	853,646	May 14	2572	534	128	693
McKinney, George B., Barry, Ill. Merry-go-round	841,424	Jan. 15	3285	708	126	924
McKinney, George B., Barry, Ill. Valve attachment for engines	874,108	Dec. 17	3717	782	131	1825
McKinney, John H., Shreveport, La. Freezer	850,442	Apr. 16	3511	735	127	2559
McKinney, Leo P., assignor of one-half to J. L. Snow, Boston, Mass. Spare-tire holder for automobiles	864,983	Sept. 3	351	94	130	110
McKinney, Robert M., Dravosburg, Pa. Metallic tie and rail-fastener	861,877	July 30	5521	1523	129	1929
McKinney, Robert M., Dravosburg, Pa. Metallic tie and rail-fastener	861,878	July 30	5523	1524	129	1930
McKinney, Walter S., Chicago, Ill. Bottle-washing apparatus	861,307	July 30	4627	1265	129	1655
McKinney, William C., New Brighton, assignor to Standard Sanitary Mfg. Co., Pittsburg, Pa. Dredging implement	851,605	Apr. 23	5798	1212	127	3170
McKinnon, Fred N., Boston, Mass. Instep-support	873,677	Dec. 10	2779	589	131	1651
McKinnon, James T., Detroit, Mich. Siphoning device	851,688	Apr. 30	5991	1250	127	3248
McKinnon, Miles. (See Dickson and McKinnon.)						
McKnight, Charles K. (See Donnelly and McKnight.)						
McKnight, John W., Hanover, Pa., assignor to Hanover Gas Regenerating Company. Combined cock and support for cluster gas-burners	845,970	Mar. 5	503	104	127	130
McKnight, Josiah M., Ruth, Cal. Horseshoe-calk	869,590	Oct. 29	3762	1030	130	2567
McKnight, Robert, Philadelphia, Pa. Ore-roasting apparatus	850,039	Apr. 9	2725	572	127	2314
McKnight, Robert, Pittsburg, Pa. Treating ores	858,667	July 2	536		129	186
McKnight, Robert, Pittsburg, Pa. Treating ores	862,987	Aug. 13	1426		129	2557
McKnight, Thomas R., assignor to Western Wheeled Scraper Company, Aurora, Ill. Belt-tightening appliance for elevating-graders	844,387	Feb. 19	3068	657-8	126	2633
McKnight, Thomas R., assignor to Western Wheeled Scraper Company, Aurora, Ill. Dump-car	846,501	Mar. 12	1580	350-1	127	432
McKnight, Thomas R., assignor to Western Wheeled Scraper Company, Aurora, Ill. Dump-car						
McKoy, Albert M., Stonewall, Ind. Ter. Churn	873,772	Dec. 17	2990	634	131	17
McKoy, Edwin A., New Orleans, La. Turpentine-gatherer's ax	871,732	Nov. 19	3278	811-12	131	9
McLachlan, Alexander H., Magnetawan, Ontario, Canada. Horseshoe attachment	869,381	Oct. 29	3415	939	130	24
McLachlan, John C., Toronto, Ontario, Canada. Water-cooling apparatus for gas or gasoline engines	860,101	July 16	2751	750	129	973
McLain, Charles F., <i>et al.</i> (See Suits, Bert C., assignor.)	870,575	Nov. 12	1102	302	131	390
McLain, Charles J. (See Williams, Walter G., assignor.)						
McLain, Frank H., Stratton, Me. Screw-threading machine	866,953	Sept. 24	3371	953-4	130	1151
McLain, Albert D., and H. W. Harrison, Detroit, Mich. Temple	854,832	May 28	4953	1029-30	128	1363
McLane, Joseph A., Grafton, assignor of one-half to J. H. McDermott, Morgantown, W. Va. Making wire-glass	861,879	July 30	5525	1524	129	1931
McLane, Joseph A., Grafton, assignor of one-half to J. H. McDermott, Morgantown, W. Va. Making wire-glass	862,096	July 30	5859	1624-5	129	2036
McLane, Joseph A., Grafton, assignor to J. B. Hart, Harrison county, J. Fucy, Lewis county, C. R. Durbin and G. H. A. Kunst, Taylor county, W. Va. Making glass articles	842,233	Jan. 29	4927	1051	126	1401
McLaren, John B., assignor to Baur & Black, Chicago, Ill. Fumigator	863,933	Aug. 20	2861	787	129	3040
McLaren, William, London, England. Spring-roller-blind apparatus	839,948	Jan. 1	300	66	126	83
McLarty, Archie F., Denver, Colo. Hydraulic clamp	856,416	June 11	1947	400-1	128	2222
McLaughlin, C. L., <i>et al.</i> (See Powell and Norton, assignors.)						
McLaughlin, Daniel. (See Fehler and McLaughlin.)						
McLaughlin, Edward H., and E. S. Sittel, Parsons, Kans. Headlight	851,305	Apr. 23	5212	1093	127	3025
McLaughlin, George W., Hoquiam, Wash. Gage	855,964	June 4	1003	210	128	1947
McLaughlin, James, New York, N. Y., assignor to General Electric Company. Connector or terminal for electrical conductors	843,763	Feb. 12	1835	391	126	2288
McLaughlin, John C., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	848,316	Mar. 26	5226	1140	127	1407
McLaughlin, John C., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine						
McLaughlin, Luther E., and R. J. Parsons, Priceburg, Pa. Toy	850,846	Apr. 16	4295	902	127	2756
McLaughlin, Milton P., Wakefield, Mass., assignor of forty-five one-hundredths to H. C. McCarty, Williamsport, Pa. Hose-clamp	874,526	Dec. 24	4569	958	131	1996
McLaughlin, Robert, Baltimore, Md. Means for obtaining power from flowing water	862,749	Aug. 6	1077	290	129	2412
McLaughlin, Susie, Philadelphia, Pa. Sleeve-iron	868,798	Oct. 22	2523	695	130	2156
McLaughlin, William T., Jamaica Plain, Mass. Car-fender	871,733	Nov. 19	3280	812	131	906
McLaughlin, Martin B., Malden, Mass. Controlling mechanism for electric motors	845,110	Feb. 26	4761	1010	126	3091
McLean, Alexander, Brae Side, Ti Tree Point, New Zealand. Wheel	872,143	Nov. 26	4214	1006	131	1074
McLean, Alexander, Brae Side, Ti Tree Point, New Zealand. Protector for pneumatic tires for motor-cars and similar vehicles	863,040	Aug. 13	1507	409	129	2584
McLean, Andrus B., Mansfield, Ohio. Seat	863,083	Aug. 13	1585	428	129	2609
McLean, Archie, Rowland, N. C. Horse-releaser	859,967	July 16	2539	689	129	904
McLean, C. B. (See Geltz and Hosack, assignors.)	857,189	June 18	3413	719	128	2631
McLean, Donald W., Mount Hutt, Methven, New Zealand. Apparatus for surveying and range-finding						
McLean, Edmund S., Tower Hill, Ill. Lamp-burner	869,933	Nov. 5	83	25	131	28
McLean, Edwing, Greencastle, Ind. Pole-changer	856,359	June 11	1833	376	128	2194
McLean, George B., Elizabeth, Ill., and G. D. McLean, Powersville, Mo. Beam	868,576	Oct. 15	2136	597	130	2009
McLean, Gregory D. (See McLean, George B. and G. D.)	849,917	Apr. 9	2536	524	127	2270
McLean, Lauchlan A., Toronto, Ontario, Canada. Cream-separator						
McLean, Norman J., and E. Swanson, Bay City, Mich. Railway-tie	850,954	Apr. 23	4507	942	127	2849
McLellan, Harry R. (See Mowry, Albert L., assignor.)	839,874	Jan. 1	145	34	126	41
McLellan, Harry R. (See Strickland, James L., assignor.) (Reissue.)						
McLennan, Charles J., Detroit, Mich. Paint compound	872,960	Dec. 3	1346		131	1378
McLeod, Alexander Z., New York, N. Y. Caisson construction	873,069	Dec. 10	1609	336	131	1457
McLeod, Angus and J. H., Marietta, Kans. Automatic weigher	841,038	Jan. 8	2499	545-6	126	68
McLeod, Archibald C., assignor to Quitman Manufacturing Company, Quitman, Ga. Turpentine-box						
McLeod, Daniel W., Graniteville, Vt. Stoneworking-tool	844,889	Feb. 19	4323	922	126	2939
McLeod, Harvey S. (See Young, John W., assignor.)	860,314	July 16	3071	840	129	1080
McLeod, Howard D., Great Falls, Mont. Ore-concentrating table	850,391	Apr. 16	3409	714-15	127	2532
McLeod, John H. (See McLeod, Angus and J. H.)						
McLeod, John H., La Salle, Ill. Automatic weighing-machine	867,745	Oct. 8	783	220-2	130	1572

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McLeod, Kenneth K., White Bear Lake, Minn., assignor, by mesne assignments, to De Laval Separator Company, New York, N. Y. Journal-support for centrifugal machines.	872,078	Nov. 26	4092	980	131	1053
McLeod, Minnie M., Como, Miss. Garment-supporter.	871,356	Nov. 19	2538	652	131	785
McLeod, Norman J., assignor of one-half to H. S. Lundy, Rock Island, Tex. Crate.	850,537	Apr. 16	3694	772-3	127	2606
McLeroy, Frank M., Gainesville, Ga. Plumb-level.	857,891	June 25	4761	1010	128	2999
McLimans, James I., Sherburn, Minn. Tile-molding machine.	858,303	June 25	5589	1195	128	3210
McLoney, William J., and E. B. Preston, Mexico, Mo. Household-sifter.	874,109	Dec. 17	3718	782-3	131	1825
McLoughlin Brothers. (See Price, John H., assignor.)						
McLoughlin, Edgar. (See Milligan, Thomas, assignor.)						
McLoughlin, James, Rye, N. Y. Ore-reducing furnace.	874,527	Dec. 24	4570	959	131	1997
McLouth, Lewis C., Ypsilanti, Mich. Vending-machine.	863,743	Aug. 20	2568	710	129	2948
McMachen, William H., Superior, Wis. Grain-car door.	860,934	July 23	4032	1104	129	1425
McMahill, Joseph, Walnut Grove, Ill. Road-grader.	849,079	Apr. 2	930	190	127	1825
McMahon, Daniel P. (See Brown, Robert H., assignor.)						
McMahon, Francis, Cambridge, Mass. Ingot-mold.	855,655	June 4	399	84	128	1796
McMahon, Michael, Toledo, Ohio. Printing attachment for paper-roll holders and cutters.	842,486	Jan. 29	5492	1163	126	1555
McMahon, Michael, Toledo, Ohio. Paper-roll holder and cutter.	842,487	Jan. 29	5494	1163	126	1555
McMahon, Michael, Toledo, Ohio. Printing apparatus.	872,302	Nov. 26	4531	1073	131	1125
McMahon, Michael F., Worcester, Mass. Self-retaining adjusting means for clutch-actuating draft-bolts.	842,575	Jan. 29	5662	1197	126	1593
McMahon, Michael F., Worcester, Mass. Friction-clutch for automobiles and other purposes.	851,956	Apr. 30	6542	1363	127	3392
McMahon, Stephen D., Genoa township, Delaware county, Ohio. Lifting-jack.	872,839	Dec. 3	1100	230	131	1839
McMahon, William W. (See Hedlund and McMahon.)						
McMahan, Richard B., Clayton, N. Mex. Ter. Pump-valve.	867,402	Oct. 1	261	76	130	1393
McManiman, Joseph W., Washington, N. J. Attachment for motor-armatures.	843,836	Feb. 12	1967	420	126	2321
McMann, John W., Richmond, assignor of one-half to J. T. Eaman, Detroit, Mich. Scoop-truck.	861,308	July 30	4629	1265	129	1656
McMann, Margaret H., New York, N. Y. Dress-shield.	867,830	Oct. 8	925	264	130	1615
McMaster, John A., Philadelphia, Pa. Cushion-hub.	850,040	Apr. 9	2726	573	127	2314
McMaster, Catherine J., Corfield, North Queensland, Australia. Wind-motor.	854,664	May 21	4577	956	128	1238
McMaster, Samuel O., Rochester, N. Y. Button-turning machinery.	855,901	June 4	897	186	128	1921
McMaster, Wells, Sound Beach, Conn. Map-case.	843,837	Feb. 12	1969	421	126	2321
McMichael, Edward L., Arlington, Ky. Gate.	873,135	Dec. 10	1734	363	131	1472
McMichael, Samuel, Newark, N. J., assignor of one-half to C. C. Diboll, New Orleans, La. Combined easel and plate-holder.	856,797	June 11	2661	548	128	2402
McMichael, William A. (See Decker, Levi, assignor.)						
McMillan, Archie B., Brooklyn, N. Y. Electric exercising apparatus.	852,193	Apr. 30	7023	1466	127	3514
McMillan, John L., Syracuse, N. Y. Loose-leaf binder.	857,252	June 18	3511	742	128	2655
McMillan, John L., Syracuse, N. Y. Loose-leaf binder.	857,253	June 18	3514	743	128	2656
McMillan, John L., Syracuse, N. Y. Loose-leaf binder.	857,254	June 18	3516	743	128	2656
McMillan, Malcolm, et al. (See Bickle, Henry J., assignor.)						
McMillan, Margaret I., Denver, Colo. Oil-cloth protector.	853,190	May 7	1626	340	128	410
McMillan, Marion A., Stedman, Cal. Combined nail-puller and band-cutter.	840,580	Jan. 8	1611	354	126	456
McMillan, Samuel D., Lake, N. C., assignor of one-half to F. F. Cardwell, Ringgold, Va. Locking display-stand.	867,996	Oct. 15	1237	342	130	1734
McMillan, Thomas B., Sherry, Tex. Automatic air-brake coupling.	861,043	July 23	4218	1155	129	1484
McMillan, William D., Union, Oreg. Puzzle.	855,196	May 28	5706	1187	128	1554
McMillan, William G., Conneaut, Ohio. Angle-cock.	859,573	July 9	1944	524	129	683
McMillen, Robert, Pittsburg, Pa. Window-head fastener.	858,897	July 2	918	240	129	316
McMillin, Frank B., and M. F. Morrissey, Mount Gilead, Ohio. Valve.	856,655	June 11	2403	494-5	128	2336
McMonies, Frederick J. and W. H., Portland, Oreg. Toe-clip.	859,684	July 9	2115	571	129	738
McMonies, Walter H. (See McMonies, Frederick J. and W. H.)						
McMullen, Andrew, Westport, Conn. Device for covering graves.	854,833	May 28	4955	1030	128	1364
McMullen, Charles P., Brooklyn, N. Y. Packing-box.	859,326	July 9	1573	418	129	563
McMullen, Charles P., Brooklyn, N. Y. Governor for pumping-engines.	859,327	July 9	1575	419	129	564
McMullen, Charles P., Brooklyn, N. Y. Piston-packing.	859,328	July 9	1578	419	129	565
McMullen, Charles P., Brooklyn, N. Y. Packing-box.	859,329	July 9	1579	419	129	565
McMullen, Charles P., Brooklyn, N. Y., assignor of one-half to W. E. Nye, Wareham, Mass. Pressure-regulator for steam-operated apparatus.	859,407	July 9	1697	451	129	602
McMullen, Frank C., Minneapolis, Minn., assignor to C. W. Hooven, Anderson, Ind. Cream-separator bowl.	854,519	May 21	4308	892	128	1171
McMullen, George K. (See Lund, Matthew, assignor.)						
McMullen, George W., Picton, Ontario, Canada. Drying apparatus.	875,368	Dec. 31	6252	1304-5	131	2294
McMullen, Harry E., Hutchinson, Kans. Hollow steel tie.	868,215	Oct. 15	1552	441	130	1829
McMullen, John, Kent, Ohio. Door and hinge.	874,528	Dec. 24	4572	959	131	1997
McMullin, Joseph, Casey, Iowa. Plow.	848,565	Mar. 26	5697	1247	127	1522
McMurray, Robert J., California, Pa. Smoking-pipe.	875,369	Dec. 31	6255	1305	131	2294
McMurray, William C., Wellsville, Ohio. Electric transportation system.	850,173	Apr. 16	2994	627-8	127	2421
McMurry, Emmet H., Pedee, Ark. Baling-press.	855,015	May 28	5323	1105-6	128	1458
McMurtrie, Adnah, assignor to Thomas & Betts Company, New York, N. Y. Plaster-holder for outlet-boxes.	843,962	Feb. 12	2209	472	126	2381
McMurtrie, Adnah, assignor to Thomas & Betts Company, New York, N. Y. Pipe-hanger.	844,036	Feb. 12	2339	501	126	2412
McMurtry, Alden L., New York, N. Y. Speed-timing device for vehicles.	847,595	Mar. 19	3759	824	127	1011
McMurtry, Alden L., New York, N. Y. Nut-wrench.	847,596	Mar. 19	3761	825	127	1012
McMurtry, Alden L., New York, N. Y. Magazine-socket nut-wrench.	848,194	Mar. 26	4967	1086	127	1341
McMurtry, Alden L., New York, N. Y. Magazine-socket nut-wrench.	851,181	Apr. 23	4941	1039	127	2957
McMurtry, Alden L., New York, N. Y. Motor-vehicle.	851,689	Apr. 30	5992	1250	127	3249
McMurtry, Alden L., New York, N. Y. Motor-driven vehicle.	852,674	May 7	617	118	128	161
McMyler, John, Cleveland, Ohio. Clam-shell bucket.	861,669	July 30	5198	1428-9	129	1832
McMyler, John, assignor to McMyler Manufacturing Company, Cleveland, Ohio. Hoisting and conveying apparatus.	858,530	July 2	284	70	129	100
McMyler, John, assignor to McMyler Manufacturing Company, Cleveland, Ohio. Clam-shell bucket.	859,240	July 9	1432	380-2	129	516
McMyler Manufacturing Company. (See Lovell, Frederick W., assignor.)						
McMyler Manufacturing Company. (See McMyler, John, assignor.)						
McNabb, John C., Sonora, Cal. Buckle.	857,297	June 18	3608	763	128	2680
McNabb, William T., Ben Avon, and F. Enders, Kittanning, Pa. Ice-tongs.	855,123	May 28	5569	1157	128	1518
McNalley, Michael, and E. W. Bretz, St. Louis, Mo. Toe-weight for horses.	859,685	July 9	2116	571	129	738
McNally, Philip T., Mandan, N. D. Electrical cut-out.	856,085	June 4	1209	256	128	1998
McNamara, Edward M., Chicago, Ill. Eraser-pad cleaner.	859,968	July 16	2540	690	129	904

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McNamara, James, Montreal, Quebec, Canada, assignor, by mesne assignments, to Mergenthaler Linotype Company. Monoline composing-machine.	847,021	Mar. 12	2606	572-6	127	691
McNamara, James, Montreal, Quebec, Canada, assignor to Mergenthaler Linotype Company. Matrix for monoline-machines.	850,094	Apr. 9	2836	594	127	2342
McNamara, James, Montreal, Quebec, Canada, assignor to Mergenthaler Linotype Company. Monoline-machine.	856,898	June 11	2837	592	128	2445
McNamara, James H., Chicago, Ill. Trunk-leg attachment.	856,718	June 11	2519	518	128	2366
McNamara, Michael P. (See Traver, Philip C., assignor.)						
McNamara, Patrick J., Baltimore, Md. Promoting combustion.	846,338	Mar. 5	1232		127	311
McNamara, Thomas J., Jr., and G. Krummen, assignors to Phoenix Carriage Co., Cincinnati, Ohio. Adjustable back for cushion-seats.	855,656	June 4	401	84	128	1797
McNamara, William V., assignor to B. H. Jansen, Cleveland, Ohio. Stop and waste cock.	871,432	Nov. 19	2717	686	131	811
McNaught, William, Rochdale, England. Wool-washing machine.	871,433	Nov. 19	2718	687	131	811
McNaughton, John, London, Ontario, Canada. Printing-press.	858,465	July 2	151	40-1	129	51
McNaull, William D., Toledo, Ohio. Cushion-tire.	868,216	Oct. 15	1553	441	130	1829
McNeal, Joseph, Laporte City, Iowa. Traction-wheel.	846,689	Mar. 12	1957	430	127	528
McNeal, Luther C., Rochester, N. Y. Needle-holder.	857,824	June 25	4640	984	128	2970
McNeal, Luther C., Rochester, N. Y. Mop-wringer.	868,799	Oct. 22	2524	695	130	2156
McNeal, Thomas, Kansas City, Mo. Calcining-furnace.	850,041	Apr. 9	2727	573	127	2314
McNeely Company. (See Dunn, James, assignor.)						
McNeely, James T., Los Angeles, Cal. Suspenders.	852,076	Apr. 30	6801	1416	127	3458
McNees, John N., Hughesville, Mo. Grain-bin ventilator, grain-sampler, and weevil-exterminator.	857,098	June 18	3239	681	128	2586
McNeese, Matthew S., New Brighton, Pa. Shade and curtain bracket.	869,322	Oct. 29	3330	914	130	2433
McNeil, Chester, assignor to Union Special Sewing Machine Company, Chicago, Ill. Seam for sewed articles.	869,141	Oct. 22	3032	837	130	2312
McNeil, Chester, Chicago, Ill., and C. L. Sturtevant, Washington, D. C., assignors to Union Special Sewing Machine Company, Chicago, Ill. Sewing-machine.	857,532	June 18	4059	862-3	128	2794
McNeil, Chester, and D. S. Seymour, assignors to Union Special Machine Company, Chicago, Ill. Bag seaming, cutting, and conveying apparatus.	875,589	Dec. 31	6678	1394-5	131	2364
McNeil, Chester, and D. S. Seymour, assignors to Union Special Machine Company, Chicago, Ill. Bag seaming, cutting, and conveying apparatus.	875,590	Dec. 31	6680	1395-6	131	2365
McNeil, Chester, and D. S. Seymour, assignors to Union Special Machine Company, Chicago, Ill. Bag seaming, cutting, and delivering apparatus.	875,591	Dec. 31	6681	1396	131	2365
McNeil, Chester, and D. S. Seymour, assignors to Union Special Machine Company, Chicago, Ill. Cutting apparatus for filled-bag machines.	875,670	Dec. 31	6957	1448-9	131	2392
McNeil, Daniel W., Cincinnati, Ohio. Hair-pin.	873,163	Dec. 10	1790	375	131	1480
McNeil, Fred W., St. Louis, Mo. Music-leaf turner.	848,599	Mar. 26	5772	1259-60	127	1541
McNeil, Hector P. (See Bell and McNeil.)						
McNeil, John, Reserve Mines, Nova Scotia, Canada. Spike.	865,425	Sept. 10	1031	294	130	342
McNeill, Daniel, Glenorkney, Meadow Lea, Manitoba, Canada. Foundry drying-stove.	871,812	Nov. 26	3478	852	131	963
McNeill, John F., Melbourne, Victoria, Australia. Gate.	857,099	June 18	3240	681	128	2586
McNerney, Peter, Lake Elmo, Minn. Apparatus for unloading platform-cars.	842,807	Jan. 29	6171	1303-4	126	1717
McNicol, Archie, assignor to Jewett City Textile Novelty Company, Jewett City, Conn. Fabric-printing machine.	849,489	Apr. 9	1752	354-5	127	2070
McNiel, Daniel T., Detroit, Mich. Separable pulley.	860,315	July 16	3072	840	129	1080
McNish, James, and L. W. Gray, assignors to said McNish and G. Pritchard, Newark, N. J. Height-measuring machine.	850,955	Apr. 23	4508	943-4	127	2349
McNitt, Fred L., California, Mich. Drinking-fountain.	854,902	May 28	5110	1063	128	1405
McNown, Joseph E. (See Harrell and McNown.)						
McNulty, Michael J. (See Hoyt and McNulty.)						
McNulty, William F., Allegheny, Pa. Preparing metallic powders.	869,591	Oct. 29	3763		130	2567
McNutt, William H., New York, N. Y. Indicator for tanks.	843,166	Feb. 5	663	139	126	1962
McNutt, William H., New York, N. Y. Safety can-nozzle.	855,525	June 4	156	31	128	1734
McNutt, William H., assignor to Non-Explosive Safety Naphtha Container Company, New York, N. Y. Safety-can.	858,898	July 2	919	240	129	316
McNutt, William H., assignor to Non-Explosive Safety Naphtha Container Company, New York, N. Y. Clamping device for receptacles.	858,899	July 2	920	241	129	317
McNutt, William H., assignor to Non-Explosive Safety Naphtha Container Company, New York, N. Y. Safety air-vent.	858,900	July 2	922	241	129	318
McNutt, William H., assignor to Non-Explosive Safety Naphtha Container Company, New York, N. Y. Tank.	871,813	Nov. 26	3478	852	131	963
McOsker, Daniel J., Providence, R. I. Wrench.	844,176	Feb. 12	2601	557	126	2475
McOuat, Eugene, and H. W. F. Lorenz, Amsterdam, N. Y. Filament for incandescent lamps.	869,012	Oct. 22	2843	783	130	2255
McOuat, Eugene, New York, N. Y., and H. W. F. Lorenz, Springfield, Ohio. Incandescent filament and process.	869,013	Oct. 22	2844		130	2256
McPartland, James H., Houlton, Me. Heating apparatus.	852,797	May 7	868	176-7	128	222
McPeck, John B., Pine Grove, W. Va. Writing-tablet.	855,965	June 4	1004	210	128	1947
McPhayden, John A., Evansville, Ind. Sliding-door fastener.	846,235	Mar. 5	1035	222	127	263
McPhee, Colin C., Westmount, Quebec, Canada. Magazine card-folder.	864,984	Sept. 3	353	94	130	111
McPherson, Alfred P. (See Thompson and Newsom, assignors.)						
McPherson, James, and R. Hooker, Carthage, Mo. Bed-spring.	841,808	Jan. 22	4048	873	126	1154
McPherson, James H., Haverhill, Mass. Trolley-stand.	860,229	July 16	2944	804	129	1036
McPherson, John W. (See Cunningham and McPherson.)						
McQuaid, Orlando C., Franklin, Pa. Plumb-bob.	870,576	Nov. 12	1103	302	131	390
McQuarrie, James L. (See McBerty and McQuarrie.)						
McQuarrie, James L., assignor to Western Electric Company, Chicago, Ill. Circuit for coin-collectors.	845,111	Feb. 26	4765	1010	126	3092
McQuarrie, James L., New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Annunciator.	850,311	Apr. 16	3257	678	127	2494
McQuarrie, James L., Oak Park, assignor to Western Electric Company, Chicago, Ill. Coin-collector.	867,746	Oct. 8	787	222-3	130	1573
McQuarrie, James L., Oak Park, assignor to Western Electric Company, Chicago, Ill. Measured-service system for telephone-lines.	869,449	Oct. 29	3529	969	130	2494
McQuarrie, James L., Oak Park, assignor to Western Electric Company, Chicago, Ill. Measured-service system for telephone-lines.	869,450	Oct. 29	3533	969	130	2496
McQuarrie, James L., Chicago, Ill., and H. M. Crane, New York, N. Y., assignors to Western Electric Company, Chicago, Ill. Circuit for coin-collectors.	845,112	Feb. 26	4766	1010	126	3092
McQueen, Daniel P., Saratoga Springs, N. Y. Metallic tie for railways.	857,656	June 25	4299	908	128	2885
McQueen, Finlay R., Minneapolis, Minn. Grain unloading sink for elevators.	854,377	May 21	4044	836	128	1106
McQueen, Finlay R., Minneapolis, Minn. Apparatus for unloading grain-cars.	873,773	Dec. 17	2992	634-5	131	1717
McQueen, Finlay R., Minneapolis, Minn. Grain-storage elevator.	873,774	Dec. 17	2995	635	131	1717
McQueen, Finlay R., assignor of one-half to C. H. Scott, Minneapolis, Minn. Subaqueous concrete construction.	873,581	Dec. 10	2613	550-1	131	1620
McQuigg, George L., Flint, Mich. Pneumatic tire.	850,956	Apr. 23	4511	944	127	2850

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McQuilkin, James C., Industry, Pa. Wrench.....	851,548	Apr. 23	5679	1189	127	3138
McQuillan, William H., <i>et al.</i> (See Edwards, Walter, assignor.)						
McQuinn, B. M., <i>et al.</i> (See Ladd, Earnest W., assignor.)						
McRae, Alexander, Pendleton, Oreg. Weeder.....	839,875	Jan. 1	148	34-5	126	42
McRae, George F., <i>et al.</i> (See Broad, Harry L., assignor.)						
McRae, James, and H. Ingram, assignors to H. F. Duck, London, England. Acetylene-gas generator.....	866,049	Sept. 17	2028	566	130	694
McRaven, John, Little Rock, Ark. Safety third rail for railway-tracks.....	846,339	Mar. 5	1233	271	127	311
McReynolds, Samuel L., Boise, Idaho. Yielding draft attachment for vehicles.....	855,724	June 4	535	112	128	1831
McSheehy, Bartholomew E., Jersey City, N. J. Manifolding device.....	870,456	Nov. 5	926	252-3	131	302
McTaggart, Alexander I., assignor to Fairbank Canning Company, Chicago, Ill. Machine for testing eggs.....	843,622	Feb. 12	1581	334-5	126	2222
McTammany Ballot Company. (See McTammany and Wright, assignors.)						
McTammany, F. A. (See McTammany, John, assignor.)						
McTammany, John, Providence, R. I., assignor to F. A. McTammany, New York, N. Y. Mechanical musical instrument.....	844,310	Feb. 12	2903	617-18	126	2553
McTammany, John, and M. S. Wright, Worcester, Mass., assignors, by mesne assignments, to McTammany Ballot Company, Portland, Me. Counting-machine.....	864,675	Aug. 27	4034	1119-21	129	3432
McTarnaghan, Samuel G., <i>et al.</i> (See Roberts, Leonard C., assignor.)						
McTarnaghan, Samuel G. (See Roberts, McTarnaghan, and Jeffs.)						
McTear, Balfour F., Rainhill, England. Apparatus for the manufacture of metal tubes.....	861,880	July 30	5527	1525	129	1931
McTighe, Frank S. (See Robertshaw and McTighe.)						
McVay, William, Bellaire, Ohio. Casting and conveying machine.....	854,520	May 21	4310	892	128	1171
McVey, John C., Kansas City, Mo. Dish-washing machine.....	861,670	July 30	5200	1429	129	1833
McVey, Theodore J., assignor to Carlton & McVey, Syracuse, N. Y. Belt-shifter.....	842,808	Jan. 29	6173	1304	126	1717
McVitty, Melville C., North Baltimore, Ohio. Gas-stove.....	869,979	Nov. 5	150	41	131	50
McVoy, Charles L., Pensacola, Fla. Rail-joint.....	856,086	June 4	1211	256	128	1999
McVoy, Charles L., Pensacola, Fla. Rail-joint.....	856,087	June 4	1212	256	128	1999
McVoy, George C. (See Dormant and McVoy.)						
McVoy, Vincen P., Pensacola, Fla., assignor to J. W. Wade, Mobile, Ala. Sap-extractor.....	841,039	Jan. 8	2506	546	126	681
McVoy, Vincen P., and R. B. King, Pensacola, Fla. Means for calking vessels.....	853,723	May 14	2748	565	128	740
McWane, Charles W., assignor to Lynchburg Foundry Co., Lynchburg, Va. Plow.....	860,230	July 16	2946	804-5	129	1036
McWhorter, Alfred D., Atlanta, Ga. Valve.....	856,899	June 11	2839	592-3	128	2445
McWhorter, Thomas M., Big Spring, Tex. Earth-auger.....	843,764	Feb. 12	1836	391	126	2288
McWhorter, William L., Sterling, Ill. Signaling apparatus.....	874,228	Dec. 17	3957	835	131	1867
McWilliams, Arthur C., Chicago, Ill. Metering panel-board.....	850,174	Apr. 16	2996	628	127	2421
McWilliams, Arthur C., Chicago, Ill. Metering panel-board.....	872,670	Dec. 3	739	154	131	1284
Meacham, Benjamin E., Lorain, assignor of one-half to L. Friedman, Cleveland, Ohio Valve.....	866,948	Sept. 24	3365	952	130	1149
Meacham, Larned E. (See Meacham, William M. and L. E.)						
Meacham, William M. and L. E., Chicago, Ill. Water-conveyance.....	857,951	June 25	4892	1034	128	3033
Meacher, George W., and S. L. Montgomery, Los Angeles, Cal. Brooder.....	854,587	May 21	4440	923	128	1203
Mead, Caroline E., Louisville, Ky. Eyeglasses.....	851,542	Apr. 23	5662	1185	127	3136
Mead, Charles B., East Palestine, Ohio. Street-car fender.....	847,091	Mar. 12	2749	606	127	724
Mead, Edward C., Elkhart, Ind. Invalid-bed.....	840,787	Jan. 8	2003	443	126	554
Mead, Ernest C. (See Baughman and Mead.)						
Mead, George A., Mansfield, Ohio. Catenary suspension for trolley-wires.....	842,222	Jan. 29	4900	1045-6	126	1396
Mead, George A., Mansfield, Ohio. Rail-bond.....	846,122	Mar. 5	834	174	127	212
Mead, George A., Mansfield, Ohio. Manufacture of rail-bonds.....	854,099	May 21	3533	729	128	972
Mead, Marvin, Pueblo, Colo. Hay-baling device.....	853,415	May 14	2106	439	128	572
Mead, Willard T., Buffalo, N. Y. Photographic-printing machine.....	857,952	June 25	4897	1035	128	3034
Meade, Henry W., <i>et al.</i> (See Church, Albert T., assignor.)						
Meade, Lemuel G., Paint Rock, Ala. Cutting-harrow.....	840,788	Jan. 8	2006	443	126	555
Meade, Richard K., Nazareth, Pa. Portland cement and making the same.....	866,376	Sept. 17	2518	.....	130	850
Meador, T. D., <i>et al.</i> (See Brodton, Edward R., assignor.)						
Meadowcroft, Charles W., Sr., Philadelphia, Pa. Pneumatic tool.....	853,416	May 14	2107	439	128	573
Meadowcroft, Charles W., Sr., Philadelphia, Pa. Tool-holder.....	854,100	May 21	3535	730	128	972
Meadows Manufacturing Company. (See Molck, Emil F., assignor.)						
Meagher, James E., Burlington, Vt. Ball-cock.....	874,523	Dec. 24	4566	957	131	1995
Meagher, Pierre, assignor to J. I. Case Plow Works, Racine, Wis. Shift mechanism for agricultural implements.....	868,934	Oct. 22	2723	750	130	2217
Meaker, John W., assignor to Meaker Sales Company, Detroit, Mich. Coin holding and delivering machine.....	843,224	Feb. 5	792	163-4	126	1996
Meaker, John W., assignor to Meaker Sales Company, Detroit, Mich. Coin holding and delivering machine.....	843,225	Feb. 5	800	165	126	1997
Meaker, John W., assignor to Meaker Sales Company, Detroit, Mich. Coin holding and delivering device.....	844,282	Feb. 12	2840	605	126	2537
Meaker, John W., assignor to Meaker Sales Company, Detroit, Mich. Coin-tray.....	844,283	Feb. 12	2843	606	126	2538
Meaker, John W., assignor to Meaker Sales Company, Detroit, Mich. Combined desk, table and book-rest.....	848,258	Mar. 26	5083	1111	127	1370
Meaker Sales Company. (See Meaker, John W., assignor.)						
Meaney, William H. (See Herrick and Meaney.)						
Meany, Edward. (See Terry, Eugene, assignor.)						
Mears, Robert S., Humansville, Mo., N. J. Jorgensen and W. E. Paxton, Emporia, Kans.; said Jorgensen and said Paxton assignors to said Mears. Car.....	862,573	Aug. 6	802	214	129	2332
Mease, Lewis E., and E. F. Price, Upper Sandusky, Ohio. Mechanism for imparting and reversing motion.....	851,821	Apr. 30	6252	1304	127	3319
Measuring Appliance Company. (See Hutchins, Arthur W., assignor.)						
Meats, John T., Taunton, Mass. Top-roll clearer for spinning-frames.....	842,483	Jan. 29	5485	1161	126	1552
Meats, John T., and G. E. Chandler, assignors to Mason Machine Works, Taunton, Mass. Rotary ring spinning or twisting apparatus.....	857,088	June 18	3220	677	128	2581
Mebold, George H., New York, N. Y. Push-button.....	866,377	Sept. 17	2519	702	130	850
Mechanical Rubber Company. (See Sanders, Walter E., assignor.)						
Meckley, Levi D., Windgap, Pa. Railway-rail.....	861,041	July 23	4216	1154	129	1484
Medart, Frederick, St. Louis, Mo. Gymnasium-ladder.....	848,114	Mar. 26	4839	1056	127	1308
Medbury, Lora M., Alameda, Cal. Device for molding butter preparatively to cutting it into individual portions.....	863,621	Aug. 20	2401	660	129	2894
Meddings, William G., Remuera, near Auckland, New Zealand. Automatic electric fire-alarm.....	841,557	Jan. 15	3527	762	126	988
Medearis, William R., assignor of two-thirds to J. M. Gray, Jr., and H. A. Ellers, Nashville, Tenn. Strap-loop.....	849,846	Apr. 9	2415	492	127	2239
Medearis, William R., assignor of two-thirds to J. M. Gray, Jr., and H. A. Ellers, Nashville, Tenn. Machine for setting or affixing pronged loops to leather or other material.....	849,847	Apr. 9	2416	493	127	2239
Meden, Eloy, Trenton, N. J., assignor to Jeanesville Iron Works Company, Hazleton, Pa. Centrifugal pump.....	851,364	Apr. 23	5326	1116	127	3052
Meden, John, St. Louis Mo. Air-ship.....	840,078	Jan. 1	580	126	126	154

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Medhurst, Frederick W., Hobart, Tasmania, Australia. Combined portable telephone and telegraph instrument.	858,739	July 2	652	172	129	225
Medley, Clarence, Calgary, Alberta, Canada. Non-refillable bottle.	846,333	Mar. 5	1215	269	127	307
Medlock, Augustus L., Stratford, Tex. Well-pump.	846,225	Mar. 5	1019	218	127	259
Medlock, Augustus L., Midland, Tex. Well-tube.	846,226	Mar. 5	1021	219	127	260
Meech, Alfred H., Chatham, N. Y. Rope and cable clamp.	841,165	Jan. 15	2777	606	126	795
Meech, Alfred H., Chatham, N. Y. Cable-clamp.	851,822	Apr. 30	6254	1305	127	3319
Meech, Alfred H., Chatham, N. Y. Elevator air-brake system.	860,985	July 23	4128	1131-3	129	1457
Meech, Alfred H., Chatham, N. Y. Rope or cable clamp.	866,876	Sept. 24	3257	916	130	1116
Meech, Alfred H., Chatham, N. Y. Cable-clamp.	870,242	Nov. 5	581	156	131	190
Meehan, Harrison B., New York, N. Y. Furnace.	847,962	Mar. 19	4541	998	127	1197
Meehan, George F. (See Hynard and Meehan.)						
Meehan, John J., Denver, Colo. Safety-razor.	856,172	June 4	1390	293	128	2044
Meehan, John J., Denver, Colo. Toy badge.	869,792	Oct. 29	4072	1124	130	2657
Meek, Alexander S., Washington, Iowa. Window-ventilator.	864,792	Sept. 3	44	14	130	17
Meeker, Clifford D. (See Bessel and Meeker.)						
Meeker, George H., Media, Pa. Sealing metal in glass.	850,029	Apr. 9	2704	568	127	2310
Meeker, George H., Media, Pa. Sealing metal in glass.	872,530	Dec. 3	460	95	131	1237
Meeker, William P., Newark, N. J. Tile-press.	861,379	July 30	4755	1299	129	1696
Meeker, William P., Newark, N. J. Tile-faced building-block.	862,925	Aug. 13	1335	365	129	2529
Meeks, Jacob A., and F. C. Kaiser, Muncie, Ind. Self-feeding sawing-machine.	873,575	Dec. 10	2604	549	131	1618
Meen, Frederick W., Goodhue, Minn. Portable dry closet.	862,000	July 30	5699	1581	129	1984
Meer, Gustav ter, Hanover, Germany. Centrifugal machine.	864,179	Aug. 27	3230	895-6	129	3180
Mees, Robert P., St. Louis, Mo. Sewing-machine attachment.	874,098	Dec. 17	3699	778	131	1822
Meeze, Bolcer H., Brownsville, Pa. Clamp.	874,976	Dec. 31	5485	1146	131	2169
Mega, Rocco, New York, N. Y. Pleasure-railway.	860,143	July 16	2812	767	129	995
Megner, Alois. (See Christ and Megner.)						
Mehafey, Carl A., Bloomington, Ind. Scythe-blade attachment.	854,051	May 21	3426	706	128	945
Mehafey, David R., Philadelphia, Pa. Railway ballast handling and cleaning apparatus.	865,261	Sept. 3	755	216	130	229
Mehafey, George P., Knoxville, Tenn. Machine for making foundry-molds.	865,511	Sept. 10	1175	334	130	388
Mehafey, Kirkham, Williamsport, Ind. Wire-cloth reel.	857,089	June 18	3222	677	128	2581
Mehl, Walter B., assignor of one-half to W. H. Sawtelle, Waltham, Mass. Tool-holder.	873,953	Dec. 17	3349	713	131	1775
Mehle, Michael, Laibach, assignor of two-thirds to E. C. Mayer, Gratz, and A. Decman, Laibach, Austria-Hungary. Paper-folding machine.	846,123	Mar. 5	835	174-5	127	212
Mehlhorn, Henry, and J. Shepard, Pine, Oreg. Finger-bar for mowing-machines.	844,950	Feb. 19	4421	944	126	2963
Mehling, William M., Detroit, Mich. Machine for making picture-frames.	849,803	Apr. 9	2320	476	127	2214
Mehren, Martin V., Genoa, assignor to Eureka Electric Company, Chicago, Ill. Combined annunciator and jack for telephone-switchboards.	842,409	Jan. 29	5314	1126	126	1507
Mehren, Martin V., Genoa, assignor to Eureka Electric Company, Chicago, Ill. Telephone-switchboard.	842,410	Jan. 29	5316	1126-7	126	1508
Mehrtens, Otto, Kiel, assignor to Fried. Krupp Aktiengesellschaft, Germania-werft, Kiel-Gaarden, Germany. Transport vessel.	860,492	July 16	3333	913	129	1166
Melbeyer, Charles H., Saginaw, Mich. Hot-air register.	848,758	Apr. 2	273	55	127	1656
Meier, Adolphus G., assignor to Cram Writing Machine Company, St. Louis, Mo. Type-writing attachment for adding-machines.	853,709	May 14	2704	557-8	128	729
Meier, Ernst, Schöneberg, near Berlin, Germany. Storage plant.	865,197	Sept. 3	660	187-8	130	200
Meier, Henry B., New York, N. Y. Water-pressure piston-engine.	859,961	July 16	2533	688	129	902
Meier, Wilhelm, Elizabeth, N. J. Fireproof lath.	865,791	Sept. 10	1608	455	130	522
Meierhoff, Adolf, and H. C. Beckmann, assignors to C. Kunkel, Jr., St. Louis, Mo. Earth-loading machine.	875,445	Dec. 31	6401	1335-6	131	2319
Meigs, Hiram W., Birmingham, Ala. Emergency air-brake appliance.	865,198	Sept. 3	662	188	130	201
Meigs, John F., and E. A. Gathmann, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Centrifugal percussive fuse for projectiles.	859,610	July 9	1998	539	129	701
Meigs John F., H. G. Jakobsson, and S. Brand, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Sighting device.	866,208	Sept. 17	2256	629-30	130	765
Meikrantz, Henry A., Olivers Mills, Pa. Lock-shoe.	852,888	May 7	1067	219-20	128	272
Mein, William G., and E. Gaminara, London, England. Caster.	859,401	July 9	1689	449	129	600
Meincke Alfred M., Winchester, Mass. Pulp-screen roll.	847,352	Mar. 19	3265	718	127	881
Meinecke, Carl, Breslau, assignor to Aktien Gesellschaft vorm. H. Meinecke, Breslau-Carl-Lowitz, Germany. System of controlling valves for water-meter installations.	860,100	July 16	2750	750	129	973
Meinecke, Christian W., Jersey City, N. J., assignor to Whitall Tatum Company, New York, N. Y. Sputum-cup.	869,793	Oct. 29	4073	1125	130	2657
Meinecke, Christian W., Jersey City, and D. Hogan, Hoboken, N. J., assignors to Whitall Tatum Company, New York, N. Y. Chamber, slop-jar, and the like.	846,224	Mar. 5	1018	218	127	259
Meinecke, Christian W., Jersey City, and D. Hogan, Hoboken, N. J., assignors to Whitall Tatum Company, New York, N. Y. Bed-pan.	870,984	Nov. 12	1790	487	131	609
Meinecke, Fritz K. T., Philadelphia, Pa. Toy animal.	858,090	June 25	5214	1105	128	3116
Meinert, John. (See Lindsay and Meinert.)						
Meinsler, Millard F. (See Eichelberger, William H., assignor.)						
Meirowsky, Max, Cologne-Ehrenfeld, Germany. Insulation for commutators.	842,571	Jan. 29	5656	1196	126	1591
Meischke-Smith, Georgius F. (See Meischke-Smith, William and G. F.)						
Meischke-Smith, William and G. F., Paris, France. Driving and reversing mechanism.	845,715	Feb. 26	5948	1256	126	3385
Meisel, Charles A. (See Meisel, Francis and C. A.)						
Meisel, Francis, Dorchester, Mass. Paper-slitting and rewinding-machine.	851,015	Apr. 23	4611	966-7	127	2875
Meisel, Francis, Dorchester, Mass. Inking apparatus for printing-presses.	851,016	Apr. 23	4613	967	127	2876
Meisel, Francis, Dorchester, Mass. Lubricating device.	855,467	June 4	49	11	128	1707
Meisel, Francis, assignor to Meisel Press & Manufacturing Co., Boston, Mass. Bed-and-plate printing-press and inking mechanism therefor.	866,290	Sept. 17	2385	664	130	808
Meisel, Francis and C. A., assignors to Meisel Press & Manufacturing Company, Boston, Mass. Slitting and rewinding mechanism.	851,017	Apr. 23	4614	967-8	127	2876
Meisel Press & Manufacturing Co. (See Meisel, Francis, assignor.)						
Meisel Press & Manufacturing Company. (See Meisel, Francis and C. A., assignors.)						
Meisselbach, August F., assignor to A. F. Meisselbach & Brother, Newark, N. J. Fishing-reel.	845,805	Mar. 5	140	26	127	39
Meissner, Otto W., Westmount, Quebec, Canada. Shaft-rotating means.	859,503	July 9	1826	492	129	645
Meissner, Otto W., Montreal, Quebec, Canada, assignor to National Dump Car Company. Dump-car.	869,445	Oct. 29	3523	967	130	2493
Meixell, John W., Lewisburg, Pa. Wheel. (Reissue)	12,636	Apr. 23	5853	1224	127	3182
Melancon, Joseph A., and W. C. Mavor, McCall, La. Cane-harvester.	839,945	Jan. 1	294	64-5	126	81
Melanson, Ranchford B., and G. R. Peare, assignors of one-third to M. A. Piper, Lynn, Mass. Apparel.	871,426	Nov. 19	2703	685	131	808
Melcher, Fredrick, Wheeling, W. Va. Mail-bag catcher.	872,664	Dec. 3	729	151	131	1282
Melchers, John H., Decatur, Ill. Electrical advertising-clock.	853,710	May 14	2706	558-9	128	730
Melchert, Carl, Lynch, Nebr. Yoke-fastener.	872,244	Nov. 26	4419	1050	131	1107
Melchior Ernst, Chicago, Ill. Brush.	840,227	Jan. 1	588	191	126	240

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Melenbacker, Henry W. (See Haan, Gilbert T., assignor.)						
Melich, Edward J. (See Suckow, August F., assignor.)						
Melin, Andrew, Oxlip, Minn. Shock-binder.	850,843	Apr. 16	4291	901	127	2755
Melisch, John, assignor of one-half to C. Hedrich, Granite City, Ill. Extension-table.	867,203	Sept. 24	3775	1066	130	1277
Mell, Tod J., assignor to Republic Rubber Company, Youngstown, Ohio. Vehicle-wheel.	872,836	Dec. 3	1095	229	131	1338
Melland-Smith, Joseph, London, England. Coupling for railway and other vehicles.	855,649	June 4	389	81	128	1794
Mellen, William S., assignor, by mesne assignments, to National Veneer Package Company, St. Louis, Mo. Forming a fabric.	859,678	July 9	2106	568-9	129	736
Mellen, William S., assignor, by mesne assignments, to National Veneer Package Company, St. Louis, Mo. Fabric.	859,679	July 9	2109	569	129	736
Mellgren, John A., East Union, Minn. Apparatus for driving posts.	841,032	Jan. 8	2488	542	126	677
Mellin, Carl J., Schenectady, N. Y. Locomotive.	852,444	May 7	65	13-14	128	20
Mellin, Carl J., Schenectady, N. Y. Reversing mechanism for locomotives.	852,445	May 7	71	14-15	128	21
Mellin, Carl J., Schenectady, N. Y. Locomotive-cylinder.	852,446	May 7	75	16	128	22
Mellin, Carl J., Schenectady, N. Y. Return-crank for valve-gears.	852,447	May 7	78	16	128	23
Mellin, Carl J., Schenectady, N. Y. Steam-dome.	852,735	May 7	727	142	128	191
Mellin, Carl J., Schenectady, N. Y. Reversing mechanism for locomotive and other engines.	852,795	May 7	862	174-5	128	220
Mellinger, Lloyd, Rapid City, S. D. Stamp-shaft tappet.	850,030	Apr. 9	2705	568	127	2310
Mellon, Peter H., St. Louis, Mo. Fastener for reversible rails of metal bedsteads.	860,224	July 16	2934	802	129	1032
Mellor, Arthur, Macclesfield, England, and J. Villy, Amplepux, France. Machine for working or dressing textile fibers.	865,512	Sept. 10	1176	334-7	130	388
Mellor, William W., Seaforth, near Liverpool, assignor of one-half to F. N. Baildon, Birkenhead, England. Separation of butter from cream or milk.	862,089	July 30	5850	1622	129	2034
Melms, Pienninger and Sankey, Limited. (See Sankey, Matthew H. P. R., assignor.)						
Meloon, Jonathan C., Providence, R. I., assignor to General Fire Extinguisher Company, New York, N. Y. Dry-pipe valve.	857,187	June 18	3407	718	128	2629
Melton, Arthur P., Minneapolis, Minn., assignor to Miracle Pressed Stone Company, Sioux Falls, S. D. Core or inner casing for concrete-pipe molds.	860,144	July 16	2813	768	129	996
Meltzer, Hyman, and L. Karron, New York, N. Y. Picture-holder.	875,090	Dec. 31	5710	1190	131	2206
Melvin, Charles H., assignor to Deere & Company, Moline, Ill. Lister-cultivator.	868,107	Oct. 15	1404	393-5	130	1785
Melvin, Charles T., Springfield, assignor of one-half to E. Beebe, Holyoke, Mass. Mixing device.	846,751	Mar. 12	2073	455	127	557
Melvin, Mark G., assignor of one-fourth to L. L. Alexander, Scranton, Pa. Filter.	846,859	Mar. 12	2300	506	127	616
Memphis Column Company. (See Berkheiser, William H., assignor.)						
Memphis Column Company. (See Neudorff, Fredrick, assignor.)						
Menard, Georges P. A. L., La Louvière, Belgium. Fish-plate for the rail-joints of railways and the like.	845,564	Feb. 26	5643	1195	126	3310
Menasco, Charles J., assignor of fifty-five one-hundredths to R. N. Rhodes and R. C. Bankston, Birmingham, Ala. Printing-telegraph.	849,484	Apr. 9	1732	351-3	127	2065
Mence, William H., assignor of one-half to W. R. Stewart, Latrobe, Tasmania, Australia. Corrugated-iron ridge-capping and the like.	862,834	Aug. 6	1210	326	129	2454
Mencer, Samuel A., Fort Worth, Tex. Acetylene-gas generator.	861,380	July 30	4757	1299-1300	129	1696
Mendal, Henry L., Cincinnati, Ohio. Frying-pan.	871,287	Nov. 19	2389	619	131	762
Mendel, Felix, Essen-on-the-Ruhr, Germany. Thiosinamin compound.	868,204	Oct. 15	1541	130	1826	
Mendel, Isidor, Cincinnati, Ohio. Locking means for trunk-flaps.	844,456	Feb. 19	3195	689	126	2664
Mendelson, Abraham M., New York, N. Y. Adjustable pan and vessel lifter.	844,528	Feb. 19	3373	727	126	2707
Mendelson, David, Brooklyn, N. Y. Electric motor.	846,227	Mar. 5	1024	219	127	260
Mendenhall, Charles E., assignor of one-half to L. P. Earnshaw, Dayton, Ohio. Electric railway-gate for grade-crossings.	844,284	Feb. 12	2845	606	126	2538
Mendenhall, Hiram. (See Stocking and Mendenhall.)						
Mendenhall, John B. (See Sweet, Parker H., Jr., assignor.)						
Mendenhall, Walter S., assignor to Sam'l C. Tatum Company, Cincinnati, Ohio. Temporary binder.	840,949	Jan. 8	2332	512	126	636
Mendenhall, Walter S., assignor to Sam'l C. Tatum Company, Cincinnati, Ohio. Temporary binder.	844,604	Feb. 19	3753	790	126	2794
Mendez, Antonio. (See Arnavat, Mendez, and Fernandez.)						
Mendoza, Manuel, Madrid, Spain. Flushing apparatus for water-closets, lavatories, &c.	849,152	Apr. 2	1097	220	127	1870
Menefee, Robert A., Albright, W. Va. Device for handling and scalding hogs.	856,893	June 11	2824	589	128	2442
Mengel, Charles C., Louisville, Ky. Box.	875,276	Dec. 31	6064	1266	131	2265
Menges, Charles L. R. E., The Hague, Netherlands. Incandescent electric lamp.	874,977	Dec. 31	5486	131	2169	
Menkin, Burnett, New Haven, Conn. Electrical alarm device.	875,091	Dec. 31	5712	1190-1	131	2206
Menking, Ernest A., Pittsburg, Pa. Steam-actuated valve.	847,092	Mar. 12	2750	606-7	127	725
Menne, Adolf E., Creuzthal, and W. Zollenkopf, Cologne, assignors to Köln-Müsener Bergwerks Actien Verein, Creuzthal, Germany. Melting through masses of material.	866,498	Sept. 17	2675	130	900	
Menne, Adolph E., assignor to Köln-Müsener-Bergwerks-Actien-Verein, Creuzthal, Germany. Apparatus for fusing metals.	857,247	June 18	3505	741	128	2654
Menne, Adolph E., assignor to Köln-Müsener Bergwerks Aktien Verein, Creuzthal, Germany. Doing away with blow-holes and like flaws in castings.	866,497	Sept. 17	2674	748	130	899
Mennesson, Georges, Troyes, France. Radiator.	865,199	Sept. 3	663	188	130	201
Mentzer, Claude E., assignor to O. W. Lyman and I. Rude, Denver, Colo. Display-stand for hats.	872,139	Nov. 26	4207	1004	131	1073
Mentzer, Claude E., assignor to F. V. Johnson and F. R. Mansfield, Denver, Colo. Corn-planter.	873,673	Dec. 10	2771	588	131	1649
Mercer, Charles, Potomac, Ill. Gate.	854,370	May 21	4032	834	128	1104
Mercer, David C., Chicago, Ill. Lock-nut.	844,382	Feb. 19	3060	655	126	2631
Mercer, Frederick D., Toronto Junction, Ontario, Canada. Tension-regulating means for belts.	855,899	June 4	893	184	128	1920
Mercer, Henry H. (See Officer and Mercer.)						
Mercer, Henry H., assignor to Sullivan Machinery Company, Claremont, N. H. Tool-holder for stone-working machines.	871,944	Nov. 26	3770	917	131	1007
Mercer, Nelson S., Omaha, Nebr. Weighing attachment for ice-boxes.	850,169	Apr. 16	2988	626	127	2420
Mercer, Nelson S., Omaha, Nebr. System for ventilating passenger-cars.	873,153	Dec. 10	1760	370-1	131	1477
Mercer, Pliny A., Montpelier, Ohio. Swaging-forceps.	859,095	July 2	1205	324	129	407
Mercer, Samuel E., Shelbyville, Ill. Wheel.	869,921	Nov. 5	64	19	131	22
Mercer, Samuel E., Shelbyville, Ill. Truck.	869,922	Nov. 5	65	19-20	131	22
Merchant, Arthur, Pittsburg, Pa. Compound engine.	858,664	July 2	534	137	129	185
Merchant, Frank D., Minneapolis, Minn. Concrete block and wall.	841,414	Jan. 15	3270	705	126	920
Merchant, Frank D., Minneapolis, Minn. Concrete-block machine.	865,717	Sept. 10	1493	423	130	485
Merchants' Vending Machine Company. (See Woodward, Irving C., assignor.)						
Mercié, Henri A. (See Benét and Mercié.)						
Merck, Firm of E. (See Conrad, Max, assignor.)						
Merckens, August, New York, N. Y. Box.	874,099	Dec. 17	3700	779	131	1822
Merckens, August, New York, N. Y. Box.	874,100	Dec. 17	3701	779	131	1823
Merckens, John. (See Weir, Perry, and Merckens.)						
Merckens, John, Chicago, Ill. Press for closing and opening sheet-metal receptacles.	850,092	Apr. 9	2833	593	127	2341

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Meredith, Albert M. (See Rockie and Meredith.)						
Meredith, Jaquelin M., Jr., Norfolk, Va. Fish scaling and slitting machine.....	857,884	June 25	4741	1007	128	2994
Meredith, John A., Riley, Ind. Track-switch.....	859,096	July 2	1206	324	129	407
Meredith, John H., Altoona, Pa. Brake.....	874,857	Dec. 24	5197	1096	131	2104
Meredith, Wilbur L. (See Jones and Meredith.)						
Merren, Arno, Minneapolis, Minn. Resawing-machine.....	842,572	Jan. 29	5656	1196-7	126	1591
Merren, Arno, and C. Johnson, Minneapolis, Minn. Machine for uniting matched boards.	869,923	Nov. 5	66	20-1	131	23
Mergenthaler Linotype Company. (See Allan, John, assignor.)						
Mergenthaler Linotype Company. (See Bedell, Richard M., assignor.)						
Mergenthaler Linotype Company. (See Clark, Robert G., assignor.)						
Mergenthaler Linotype Company. (See Coe, Walter S., assignor.)						
Mergenthaler Linotype Company. (See Converse, Francis B., Jr., assignor.)						
Mergenthaler Linotype Company. (See Dodge, Philip T., assignor.)						
Mergenthaler Linotype Company. (See Foster and Lauzon, assignors.)						
Mergenthaler Linotype Company. (See Homans, Thomas S., assignor.)						
Mergenthaler Linotype Company. (See Howard, Frank P., assignor.)						
Mergenthaler Linotype Company. (See Kennedy, David S., assignor.)						
Mergenthaler Linotype Company. (See McNamara, James, assignor.)						
Mergenthaler Linotype Company. (See Petri-Palmedo, David, assignor.)						
Mergenthaler Linotype Company. (See Poe, David A., assignor.)						
Mergenthaler Linotype Company. (See Rogers, John R., assignor.)						
Mergenthaler Linotype Company. (See Van Wie, Byron, assignor.)						
Mergenthaler Linotype Company. (See Wright, Charles S., assignor.)						
Merideth, Henry M., administrator. (See Merideth, John L.)						
Merideth, John L., deceased; H. M. Merideth, administrator, Gladstone, Ark. Churn.....	839,866	Jan. 1	125	30	126	36
Merk, Friedrich, Berlin, Germany. Automatic telephone system.....	853,818	May 14	2921	601	128	783
Merk, Karl H., Halensee, near Berlin, Germany. Steam-boiler.....	866,291	Sept. 17	2387	665	130	809
Merkel, Bernard F., assignor of one-half to G. G. Griswold and W. H. Green, Salida, Colo. Signal system.....	868,354	Oct. 15	1786	504	130	1899
Merkel, William H., Columbus, Ga. Wire-forming machine.....	869,006	Oct. 22	2834	781	130	2253
Merkelbach, Albert J., Oskaloosa, Iowa. Burial-casket.....	855,324	May 28	5927	1237	128	1610
Merkels, John B., Chicago, Ill. Bag or envelop closure.....	847,353	Mar. 19	3266	718	127	881
Merker, John F., <i>et al.</i> (See Keyes, William W., assignor.)						
Merkle, John L. (See O'Dea, William J. J., assignor.)						
Merle & Heaney Manufacturing Company. (See Nix, Martin, assignor.)						
Mermod Frères. (See Bonnet, Ernest, assignor.)						
Mermod Frères. (See Keller, Alfred, assignor.)						
Mern, John P., assignor of one-half to C. H. Bull, Brooklyn, N. Y. Pipe-testing machine.	848,759	Apr. 2	275	55-6	127	1657
Mern, John P., assignor of one-half to J. E. Deignan, deceased, (J. H. Deignan, administrator), Brooklyn, N. Y. Valve mechanism.....	861,530	July 30	4982	1369	129	1765
Mérou, Emile, Paris, France. Waterproof fabric.....	874,101	Dec. 17	3703	.....	131	1823
Merrell, Arthur T., Cleveland, Ohio. Tool-holder.....	861,381	July 30	4758	1300	129	1697
Merrell, Cyrus W., <i>et al.</i> (See Wetherbe, Herbert E., assignor.)						
Merrell, Irving S. (See Merrell and Gere.)						
Merrell, Irving S., assignor to Merrell-Soule Company, Syracuse, N. Y. Pea-separating machine.....	856,356	June 11	1827	376	128	2192
Merrell, Irving S., assignor to Merrell-Soule Company, Syracuse, N. Y. Corn-silking machine.....	856,894	June 11	2825	589	128	2443
Merrell, Irving S., assignor to Merrell-Soule Company, Syracuse, N. Y. Can-marking machine.....	875,092	Dec. 31	5714	1191	131	2206
Merrell, Lewis C., I. S., and W. B. Gere, assignors to Merrell-Soule Company, Syracuse, N. Y. Separating the moisture from the constituent solids of liquids.....	860,929	July 23	4024	1102	129	1423
Merrell-Soule Company. (See Merrell, Irving S., assignor.)						
Merrell-Soule Company. (See Merrell and Gere, assignors.)						
Merriam, Edgar H., <i>et al.</i> (See McCargar, Elmer E., assignor.)						
Merriam, Ezra B., Schenectady, N. Y., assignor to General Electric Company. Trip-coil for circuit-breakers.....	848,915	Apr. 2	634	127	127	1751
Merriam Manufacturing Company. (See Johnson, Frederick S., assignor.)						
Merrick, Frank W., Boston, Mass. Loop-lock-stitch sewing-machine.....	843,760	Feb. 12	1827	389	126	2286
Merrick, Frank W., Boston, Mass. Lock-stitch sewing-machine.....	872,074	Nov. 26	4079	977-8	131	1052
Merrick, Frank W., Boston, Mass. Machine for cutting leather, &c., into continuous strips.	874,102	Dec. 17	3704	779-80	131	1823
Merrick, Frank W., assignor to Union Lock Stitch Company, Boston, Mass. Blind-stitching sewing-machine.....	854,660	May 21	4569	954-5	128	1236
Merrick, Lycortes D., New York, N. Y. Aerial vessel.....	856,895	June 11	2827	590-1	128	2443
Merrick, Robert, Jr., and O. E. Miller, Hopedale, Ohio. Heel-plate.....	840,505	Jan. 8	1454	321	126	417
Merrick, Stephen E., St. Louis, Mo. Water-elevator.....	866,949	Sept. 24	3366	952	130	1149
Merrick, William, Hartford, Conn. Horseshoe-calk.....	855,717	June 4	520	109	128	1828
Merrifield, Enoch, Marysville, Mont. Clothes-line.....	851,543	Apr. 23	5663	1186	127	3136
Merrill, Arthur H., Hartford, Conn. Key-ring.....	870,636	Nov. 12	1213	328	131	430
Merrill, Arthur H., Hartford, Conn. Attachment for stoves.....	873,254	Dec. 10	1961	409	131	1509
Merrill, Charles F., assignor to Union Water Meter Company, Worcester, Mass. Water-meter.....	869,320	Oct. 29	3326	914	130	2431
Merrill, Charles W., Lead, S. D. Pressure-filter.....	842,484	Jan. 29	5487	1162	126	1553
Merrill, Charles W., Lead, S. D. Classifier.....	849,153	Apr. 2	1098	221	127	1870
Merrill, Charles W., Lead, S. D. Container for pressure-filters.....	856,596	June 11	2280	469-70	128	2305
Merrill, Edwin R., assignor to J. A. Jeffrey, Columbus, Ohio. Mining-machine.....	870,116	Nov. 5	372	104-5	131	124
Merrill, Ernest J., and J. W. De Long, Ironton, Ohio. Bottle-closure.....	853,022	May 7	1340	279	128	340
Merrill, Frank D. (See Cheney, Thomas J., assignor.) (Reissue.)						
Merrill, George D., East Orange, N. J. Pincushion.....	843,408	Feb. 5	1127	235	126	2074
Merrill, Horace. (See Kendall, Charles A., assignor.)						
Merrill, John E., Garland, Tex. Cultivator-standard.....	848,115	Mar. 26	4840	1057	127	1308
Merrill, Nathan C., Vancouver, British Columbia, Canada. Means for mounting furniture in rooms.....	854,171	May 21	3669	758	128	1005
Merrill, Wilbur L., Schenectady, N. Y., assignor to General Electric Company. System of motor control.....	851,823	Apr. 30	6256	1305-6	127	3320
Merrill, Wilbur L., Schenectady, N. Y., assignor to General Electric Company. Motor control.....	853,711	May 14	2708	556	128	731
Merrill, Wilbur L., Schenectady, N. Y., assignor to General Electric Company. System of motor control.....	873,064	Dec. 10	1599	335	131	1449
Merrimac Chemical Company. (See Verity, Victor, assignor.)						
Merriman, Robert M., Youngstown, Ohio. Tire.....	871,945	Nov. 26	3772	917	131	1008
Merring, Manning D., East Stroudsburg, Pa. Door-fastener.....	855,961	June 4	999	209	128	1946
Merritt, Benjamin F., East Orange, N. J., assignor to New York Telephone Company. Telephone-booth.....	848,116	Mar. 26	4842	1057	127	1309
Merritt, Benjamin F., East Orange, N. J., assignor to New York Telephone Company. Elapsed-time stamp.....	855,900	June 4	895	185-6	128	1920

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Merritt, Charles, Pomeroy, Ohio. Conveyer system.....	867,739	Oct. 8	773	217	130	1568
Merritt and Company. (See Holden, George, assignor.)						
Merritt Corthell Co. (See Corthell, William M., assignor.)						
Merritt, Gordon, Ridgewood, N. J., assignor to Hammacher, Schlemmer & Company, New York, N. Y. Bearing for pedals.....	867,393	Oct. 1	252	73	130	1391
Merritt, Henry W. (See Barron and Merritt.)						
Merritt, Henry W., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.....	860,045	July 16	2677	728	129	950
Merritt, Henry W., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.....	860,145	July 16	2815	768	129	997
Merritt, Henry W., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.....	860,225	July 16	2936	802	129	1032
Merritt, Henry W., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.....	864,793	Sept. 3	46	14	130	17
Merritt, Henry W., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.....	869,502	Oct. 29	3618	992	130	2522
Merritt, Henry W., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.....	874,784	Dec. 24	5063	1067	131	2081
Merritt, James A., Baltimore, Md. Templet for drawing transition spirals.....	866,152	Sept. 17	2182	608	130	743
Merritt, Joseph. (See Lorenz, William A., assignor.)						
Merritt, Joseph, Hartford, Conn., assignor to Beech-Nut Packing Company, Canajoharie, N. Y., W. A. Lorenz and W. H. Honiss, Hartford, Conn. Manufacture of gaskets.....	861,597	July 30	5089	1396-7	129	1800
Merritt, Joseph, Hartford, Conn., assignor to Beech-Nut Packing Company, Canajoharie, N. Y., W. A. Lorenz and W. H. Honiss, Hartford, Conn. Apparatus for assembling and disassembling flexible tubes.....	861,666	July 30	5193	1426-7	129	1831
Merritt, Joseph B. (See Bawden, Hoskin, and Merritt.)						
Merritt, Louis G., Lockport, N. Y. Veneer-cutting machine.....	871,230	Nov. 19	2245	593	131	742
Merritt, Louis G., Lockport, N. Y. Veneer-cutting machine.....	871,231	Nov. 19	2250	593	131	742
Merritt, Mortimer G., assignor to Rome Metallic Bedstead Company, Rome, N. Y. Corner-fastener for bedsteads.....	840,858	Jan. 8	2134	470	126	586
Merritt, Thomas J., St. Louis, Mo. Cotton-picker's vehicle.....	844,031	Feb. 12	2330	499-500	126	2409
Merrivether, Frederick W., Kansas City, Mo. Latch.....	858,091	June 25	5215	1105	128	3116
Merrrow, Joseph M., assignor to Merrrow Machine Company, Hartford, Conn. Presser-foot-lifting mechanism for sewing-machines.....	851,427	Apr. 23	5444	1140	127	3084
Merrrow Machine Company. (See Merrrow, Joseph M., assignor.)						
Merrrow Machine Company. (See Stedman, William H., assignor.)						
Mershon, Edward C., Saginaw, Mich. Adjusting-gage for levers.....	875,364	Dec. 31	6246	1303	131	2292
Mershon, Ralph D., New York, N. Y. Operating electric motors, generators, and other apparatus.....	842,966	Feb. 5	245	54	126	1850
Mershon, Ralph D., New York, N. Y. Protection of electrical systems from lightning and other static disturbances.....	852,026	Apr. 30	6720	1397	127	3437
Mershon, Ralph D., New York, N. Y. Alternating-current machine on single-phase circuit.....	852,027	Apr. 30	6722	1397	127	3438
Mershon, Ralph D., New York, N. Y. Electric motor and other apparatus in which there is magnetic flux.....	852,028	Apr. 30	6726	1398	127	3439
Mershon, Ralph D., New York, N. Y. Alternating-current apparatus.....	853,106	May 7	1480	309	128	374
Mershon, Ralph D., New York, N. Y. Operating electric motors.....	853,107	May 7	1484	310	128	375
Mershon, Ralph D., New York, N. Y. Commutating electric motor.....	853,464	May 14	2199	457	128	598
Mershon, Ralph D., New York, N. Y. Induction-motor and generator.....	853,465	May 14	2202	458	128	598
Mershon, Ralph D., New York, N. Y. Alternating-current apparatus.....	854,831	May 28	4948	1028-9	128	1362
Mershon, Ralph D., New York, N. Y. Alternating-current machine.....	857,953	June 25	4900	1035-6	128	3035
Mershon, Ralph D., New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Means for extinguishing fires in oil-filled receptacles.....	853,253	May 14	1784	371	128	486
Mersman, Frank J. and J. Ottawa, Ohio. Telephone-exchange system.....	841,033	Jan. 8	2489	542-3	126	678
Mersman, Joseph. (See Mersman, Frank J. and J.)						
Merten, Erich, Berlin, Germany. Apparatus for separating and purifying sewage and the like.....	860,930	July 23	4027	1103	129	1424
Mertens, Eduard, Berlin, Germany. Apparatus for producing printing-surfaces.....	844,162	Feb. 12	2572	551	126	2468
Mertens, Eduard, Gross-Lichterfelde, near Berlin, Germany. Rotary printing-machine.....	856,079	June 4	1199	254	128	1996
Mertens, Eduard, Gross-Lichterfelde, near Berlin, Germany. Combination of line and screen photography.....	874,222	Dec. 17	3946	833	131	1865
Mertes, Michael E., Chicago, Ill. Puzzle.....	873,576	Dec. 10	2607	549	131	1618
Mertins, John L., Wolfe City, Tex. Rail-joint.....	843,409	Feb. 5	1129	235	126	2074
Merton, Seth D., St. Louis, Mo. Concrete block.....	841,415	Jan. 15	3272	705	126	921
Merwin, Edward P., Elizabeth, N. J., assignor to Singer Manufacturing Company. Button-feeding mechanism.....	866,046	Sept. 17	2023	565	130	692
Merwin, George M. D., St. Louis, Mo. Starting-crank.....	842,793	Jan. 29	6151	1298	126	1712
Merwin, John B., Springfield, Ill. Mine-car motor.....	863,077	Aug. 13	1576	425-6	129	2606
Merwin, John B., St. Louis, Mo. Gas-saturating device.....	871,283	Nov. 19	2389	620	131	762
Merz, Anton, Chicago, Ill. Fish-hook.....	863,078	Aug. 13	1579	426	129	2607
Meservey, S. T. (See Shaw, Joseph, assignor.)						
Messinger, Frederick, New York, N. Y. Tire.....	857,745	June 25	4485	946	128	2932
Messians, Maurice, Paris, France. Producing an alloy for use in steel-casting.....	875,668	Dec. 31	6953	.....	131	2392
Messenger, Fleming F., et al. (See Davis, Calvin, assignor.)						
Messer, Chester A., East Madison, Me. Power-gage and lug-strap for looms.....	873,767	Dec. 17	2981	632	131	1715
Messersmith, Carl D., Cincinnati, assignor of one-half to J. R. Messersmith, Elmwood Place, Ohio. Kneeb-brace.....	859,962	July 16	2534	688	129	902
Messersmith, John R. (See Messersmith, Carl D., assignor.)						
Messick, Charles, Jr., Hackensack, N. J. Motor-vehicle.....	863,622	Aug. 20	2402	661	129	2894
Messick, John F., et al. (See Russell, John A., assignor.)						
Messinger, Frederick H., New York, N. Y. Carburetor.....	862,574	Aug. 6	804	215	129	2332
Messinger, Oliver, Sheridan, Wyo. Straight-edge.....	842,411	Jan. 29	5317	1127	126	1508
Messiter, Edwin H., New York, N. Y. Furnace-charging apparatus.....	840,573	Jan. 8	1597	350-1	126	453
Messiter, Edwin H., New York, N. Y. Furnace-charging apparatus.....	840,574	Jan. 8	1601	351	126	453
Messiter, Edwin H., New York, N. Y. Furnace-charging apparatus.....	840,575	Jan. 8	1603	351-2	126	453
Messiter, Edwin H., New York, N. Y. Tripper or deliverer for belt conveyers.....	841,558	Jan. 15	3528	763	126	988
Messiter, Edwin H., New York, N. Y. Apparatus for reclaiming loose materials.....	858,008	June 25	5040	1065-6	128	3071
Messman, Wyant C. (See Kintner, Adrian C., assignor.)						
Mesta, Charles J., West Homestead, assignor to Mesta Machine Company, Pittsburg, Pa. Chilled casting.....	874,018	Dec. 17	3478	.....	131	1796
Mesta Machine Company. (See Hamilton and Keller, assignors.)						
Mesta Machine Company. (See Mesta, Charles J., assignor.)						
Mestitz, Arthur, Raudnitz, Austria-Hungary. Filter for dust-suction apparatus.....	862,266	Aug. 6	264	75	129	2164
Meston, Arthur, Raudnitz, Austria-Hungary. Pump for vacuum-cleaners.....	875,446	Dec. 31	6404	1336	131	2319
Meston, Charles R., assignor to Emerson Electric Manufacturing Company, St. Louis, Mo. Machine-operating mechanism.....	860,046	July 16	2679	729	129	951

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Meston, Charles R., assignor to Emerson Electric Manufacturing Company. St. Louis, Mo. Ceiling-fan.....	866,292	Sept. 17	2388	665	130	810
Meston, Charles R., and H. I. Finch, assignors to Emerson Electric Manufacturing Company, St. Louis, Mo. Electric motor.....	844,383	Feb. 19	3061	655	126	2631
Meston, Charles R., and H. I. Finch, assignors to Emerson Electric Manufacturing Company, St. Louis, Mo. Electric motor.....	844,384	Feb. 19	3063	656	126	2632
Metal Moulds Corporation. (See Szekely, Charles S., Sr., assignor.)						
Metallic Specialty Manufacturing Company. (See Sternberg, Marc, assignor.)						
Metals Extraction Corporation. (See MacIvor, Ralph W. E., assignor.)						
Metcalf, Edward P., <i>et al.</i> , trustees. (See Dunn, Clifford E., assignor.)						
Metcalf, Edward P., <i>et al.</i> , trustees. (See Esser, Christian, assignor.)						
Metcalf, Edwin M. (See Guiou, Lucas, and Metcalf.)						
Metcalf, Foster M., assignor to American Steam Pump Company, Battle Creek, Mich. Steam-valve.....	846,041	Mar. 5	653	137	127	167
Metcalf, George A., Malden, Mass. Guard or gate for street-cars, &c.....	845,880	Mar. 5	311	62	127	81
Metcalf, George E., assignor to Harrington & Richardson Arms Co., Worcester, Mass. Work-holding attachment for drills.....	846,334	Mar. 5	1217	269	127	308
Metcalf, Jefferson D., Bewelcome, assignor of one-half to J. C. Causey, Gloster, Miss. Washing-machine.....	850,031	Apr. 9	2706	568	127	2310
Metcalf, Leonard B., Spartanburg, S. C. Reversible harrow.....	842,223	Jan. 29	4903	1046	126	1396
Mecalf, William B., Humboldt, Nebr. Corn-husking machine.....	857,565	June 18	4126	874-5	128	2808
Metcalf, William B., Auburn, Nebr. Corn harvesting and husking machine.....	867,893	Oct. 8	1025	292	130	1645
Metcalf, Gilson W. (See Winks, Walter H., assignor.)						
Metcalfe, Henry, Cold Spring, N. Y. Road-map exhibitor.....	841,800	Jan. 22	4033	871	126	1150
Metcalfe, James S., New York, N. Y. Check or other financial-instrument blank.....	850,388	Apr. 16	3404	713	127	2531
Metropolitan Air Goods Co. (See Abbott, Thomas A., assignor.)						
Metropolitan Air Goods Company. (See Whall, Richard A., assignor.)						
Metropolitan Engineering Company. (See Howe, George, assignor.)						
Metropolitan Engineering Company. (See Sprong, Severn D., assignor.)						
Metropolitan Engineering Company. (See Wall, Benjamin, assignor.)						
Metropolitan Sewing Machine Company. (See Harding, Joseph W., assignor.)						
Metterhausen, Carl, Chicago, Ill. Mechanism for operating double sliding doors.....	847,488	Mar. 19	3540	774-5	127	952
Metterhausen, Carl, Chicago, Ill. Mechanism for operating double sliding doors.....	864,977	Sept. 3	343	91-2	130	108
Mettler, Caspar, New Haven, Conn., assignor of one-half to L. S. Brown, Springfield, Mass. Pea-shelling device.....	851,544	Apr. 23	5665	1186	127	3136
Mettler, Charles, Munich, Germany. Production of aromatic alcohols and their derivatives. (Reissue).....	12,654	May 21	4699	.....	128	1268
Mettler, Eugene, Indianapolis, Ind. Boiler-tube cleaner.....	858,525	July 2	277	68	129	98
Mettler, Hans, Aarau, Switzerland. Drawing instrument.....	852,132	Apr. 30	6921	1445	127	3486
Mettler, John W., East Millstone, assignor to Interwoven Stocking Company, New Brunswick, N. J. Seamless hosiery.....	862,575	Aug. 6	806	215	129	2333
Mettler, Lee B., <i>et al.</i> (See Van Dyke, Thomas H., assignor.)						
Mettmann, Philipp, Philadelphia, Pa. Box and closure thereof.....	869,924	Nov. 5	68	21	131	24
Metz, Henry, Bascom, Ohio. Overshoe.....	863,549	Aug. 13	2278	621	129	2824
Metz, Herman A., Brooklyn, N. Y., and P. S. Clarkson, Beverly, N. J. Bleaching oils and fats.....	856,357	June 11	1829	.....	128	2192
Metzger, Henry, Castleton, N. Y. Pianissimo device.....	845,565	Feb. 26	5644	1195	126	3310
Metzger, Homer, <i>et al.</i> (See Fredrick, William, assignor.)						
Metzger, John. (See Allen and Metzger.)						
Metzger, Max, Chicago, Ill. Hoisting device.....	849,485	Apr. 9	1746	353	127	2069
Metzler, John A., Newark, N. J. Machine for treating hides and skins.....	847,354	Mar. 19	3267	718-19	127	881
Metzler, Paul, Jersey City, N. J., assignor of one-half to J. Minck, Brooklyn, N. Y. Internal-combustion engine.....	855,115	May 28	5551	1153	128	1515
Metzner, John C. (See Potts, Elijah W., assignor.)						
Metzner, Max A., assignor of one-half to C. Pardee Works, Perth Amboy, N. J. Tile-gaging machine.....	868,793	Oct. 22	2513	692-3	130	2152
Metzner, Maxwell A., Perth Amboy, N. J. Moistener.....	875,546	Dec. 31	6591	1377	131	2350
Meusel, Eduard, Liegnitz, Germany. Manufacturing a ferruginous addition to cattle food.....	866,499	Sept. 17	2676	.....	130	900
Mey, Frederick H. C., Buffalo, N. Y. Pneumatic malting and pneumatic drying apparatus.....	857,954	June 25	4904	1036-7	128	3036
Meyenberg, Johannes, Baar, near Zug, Switzerland. Production of an insulating material for electrical purposes.....	848,117	Mar. 26	4843	.....	127	1309
Meyer, Albert, and F. N. Rogers, Seattle, Wash. Means for projecting and anchoring life-lines.....	858,009	June 25	5044	1066	128	3072
Meyer, Albert, and F. N. Rogers, assignors to Meyers-Rogers Projectile Company, Seattle, Wash. Means for projecting and anchoring life-lines.....	851,824	Apr. 30	6264	1306	127	3322
Meyer, Albert G., assignor of two-fifths to H. R. Newbauer, San Francisco, Cal. Treating creosote and product thereof.....	856,975	June 11	2984	.....	128	2481
Meyer, Albert H., St. Paul, Minn. Cooking utensil.....	843,905	Feb. 12	2105	451	126	2354
Meyer, August, assignor to Automatic Gas Lighting Company, Baltimore, Md. Gas lighting and extinguishing device.....	871,605	Nov. 19	3068	761-2	131	867
Meyer, August, assignor to Automatic Gas Lighting Company, Baltimore, Md. Gas-burner.....	873,880	Dec. 17	3216	685-6	131	1752
Meyer, August C., Worcester, Mass. Target.....	865,604	Sept. 10	1322	375	130	430
Meyer, August F., Bremen, Germany. Road-vehicle.....	862,267	Aug. 6	265	76	129	2165
Meyer, Berthold, New York, N. Y. Window-refrigerator.....	853,589	May 14	2451	511	128	662
Meyer, Carl, Toledo, Ohio. Car-fender.....	864,794	Sept. 3	49	14	130	18
Meyer, Ernest C., assignor to Champion Machinery Company, Cleveland, Ohio. Heading-machine.....	845,806	Mar. 5	142	26-7	127	39
Meyer, Eugene, New York, N. Y. Vibratory apparatus for ear treatment.....	853,645	May 14	2570	533-4	128	692
Meyer, Franz, Oak Park, assignor to G. A. Baker, Jr., Chicago, Ill. Player-piano action.	867,204	Sept. 24	3776	1067	130	1278
Meyer, Fritz. (See Bergell and Meyer.)						
Meyer, Georg. (See Kottgen and Meyer.)						
Meyer, George, St. Louis, Mich. Folding umbrella.....	875,547	Dec. 31	6592	1377	131	2351
Meyer, George J., Milwaukee, Wis. Soak-tank apparatus.....	858,740	July 2	653	172-3	129	225
Meyer, George J., Milwaukee, Wis. Chain-link.....	863,079	Aug. 13	1579	426	129	2607
Meyer, George W., Sparrows Point, Md. Steam-actuated valve.....	869,794	Oct. 29	4073	1125	130	2657
Meyer, George W., Sparrows Point, Md. Rotary valve for air compressors.....	875,277	Dec. 31	6066	1266	131	2265
Meyer, Gustav H., George Town, Cape Colony. Leaf-turning apparatus.....	872,665	Dec. 3	731	152	131	1282
Meyer, Henry. (See Kline, Henry E., assignor.)						
Meyer, Herman, Salt Lake City, Utah. Blackboard-eraser cleaner.....	846,681	Mar. 12	1946	428	127	525
Meyer, Hermann, New York, N. Y. Rewinding mechanism for self-playing pianos.....	846,419	Mar. 5	1407	309-13	127	357
Meyer, Hermann, New York, N. Y. Self-playing piano.....	847,798	Mar. 19	4179	912-16	127	1111
Meyer, Jacob A., <i>et al.</i> (See Thompson, Guy M., assignor.)						
Meyer, John, Bloomington, Ill. Knife attachment for corn-cultivators.....	869,586	Oct. 29	3757	1029	130	2565

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Meyer, John E., assignor of one-tenth to B. C. Freeman, Shepherd, Mich. Grain-separator.	848,670	Apr. 2	97	22	127	1610
Meyer, Otto, Richmond, Va. Producing waterproof characters upon paper.	866,293	Sept. 17	2389		130	810
Meyer, Paul, Halle-on-the-Saale, Germany. Valve-gear for explosive-engines.	863,199	Aug. 13	1770	476	129	2669
Meyer, Paul L., assignor to J. F. Hemenway, New York, N. Y. Making dry cells.	869,446	Oct. 29	3524	968	130	2493
Meyer, Peter, Cologne-Nippe, Germany. Cash-register.	846,124	Mar. 5	837	175-6	127	213
Meyer, Philip, Santa Rosa, Cal. Gas-generator.	868,205	Oct. 15	1542	438	130	1826
Meyer, Rudolph H., Knoxville, Pa. Kitchen implement.	849,005	Apr. 2	782	160	127	1786
Meyer, Svend M., assignor to G. C. Batcheller, New York, N. Y. Electric lighting device for lamps and oil-stoves.	844,605	Feb. 19	3754	791	126	2794
Meyer, Svend M., assignor to G. C. Batcheller, New York, N. Y. Acetylene-gas generator.	844,606	Feb. 19	3757	791	126	2794
Meyer, Svend M., assignor to G. C. Batcheller, New York, N. Y. Acetylene-lamp.	844,607	Feb. 19	3759	792	126	2795
Meyer, Svend M., assignor to G. C. Batcheller, New York, N. Y. Lamp for automobiles and other vehicles.	844,608	Feb. 19	3760	792	126	2795
Meyer, Svend M., assignor to G. C. Batcheller, New York, N. Y. Acetylene-gas generator.	844,609	Feb. 19	3762	793	126	2795
Meyer, Svend M., assignor to G. C. Batcheller, New York, N. Y. Electric cigar-lighting apparatus.	844,610	Feb. 19	3764	793-4	126	2796
Meyer, Svend M., assignor to G. C. Batcheller, New York, N. Y. Electric lighting apparatus for incandescent and other gas-lamps.	844,611	Feb. 19	3766	794	126	2796
Meyer, Svend M., assignor to G. C. Batcheller, New York, N. Y. Self-lighting attachment for lamps.	844,731	Feb. 19	4013	855	126	2859
Meyer, William J., Bison, Kans. Lightning-arrester.	860,683	July 23	3650	1000	129	1304
Meyer, Willy, Hameln, Germany. Seed-separator.	857,248	June 18	3506	741	128	2654
Meyers, Albert J., Kansas City, Kans. Gas-burner.	846,930	Mar. 12	2448	536	127	652
Meyers, Charles H., and E. Loudenslager, Columbus, Ohio. Boiler-tube-scarfing machine.	870,734	Nov. 12	1365	373	131	479
Meyers, Charles L., Jersey City, N. J. Braid-pocket.	857,293	June 18	3602	762	128	2679
Meyers, Charles L., Jersey City, N. J. Needle for talking-machines.	866,950	Sept. 24	3367	952	130	1150
Meyers, Frederick, Brooklyn, N. Y. Hook and eye.	861,876	July 30	5521	1523	129	1929
Meyers, George, New York, N. Y. Cutter.	848,187	Mar. 26	4953	1081	127	1338
Meyers, George, New York, N. Y. Cutter.	860,554	July 16	3422	940	129	1195
Meyers, Guernsey, <i>et al.</i> (See Hill, Walter A., assignor.)						
Meyers, Gustav A., Jr., Jeannette, Pa. Self-adjusting wrench.	852,071	Apr. 30	6794	1415	127	3456
Meyers, John, Philadelphia, Pa. Liver-cutting board.	844,529	Feb. 19	3374	727	126	2708
Meyers, John C. (See Anson, Lorenzo A., assignor.)						
Meyers-Rogers Projectile Company. (See Meyer and Rogers, assignors.)						
Meyjes, Johannes F., Zweibrücken, Germany. Valve-gearing.	860,402	July 16	3209	877-8	129	1125
Meyrowitz, Emil B., New York, N. Y. Eyeglasses.	856,080	June 4	1200	254	128	1996
Meyrowitz, Emil B., New York, N. Y., assignor to Meyrowitz Manufacturing Company. Goggles.	871,762	Nov. 19	3363	825	131	916
Meyrowitz, Emil B., New York, N. Y., assignor to Meyrowitz Manufacturing Company. Ophthalmometer.	875,278	Dec. 31	6068	1266-7	131	2266
Meyrowitz Manufacturing Company. (See Meyrowitz, Emil B., assignor.)						
Meyrowitz Manufacturing Company. (See Schwinzer, John R., assignor.)						
Mezger, Charles A., New York, N. Y. Spark-plug.	864,135	Aug. 20	3167	876	129	3132
Mianus Motor Works. (See Gray, George, assignor.)						
Mibach, Henry J., San Francisco, Cal. Sewer-trap-vent attachment.	861,302	July 30	4621	1263	129	1653
Micaroid Manufacturing Company. (See Barnett, Leon H., assignor.)						
Michael, Clement W., assignor to J. I. Case Plow Works, Racine, Wis. Fertilizer attachment for planters.	869,977	Nov. 5	145	40	131	48
Michael, Henry, Hamburg, N. Y. Closet-seat.	847,678	Mar. 19	3944	860	127	1056
Michael, John B., Knoxville, Tenn. Device and method for repairing locomotives.	853,312	May 14	1933	399	128	529
Michael, William. (See Miller, Joseph R., assignor.)						
Michaeli, John G., Denver, Colo. Horse-controlling device.	840,079	Jan. 1	582	126	126	155
Michaelis, Albert H., and W. H. Foll, Freeport, Ill. Sash-fastener.	862,090	July 30	5852	1623	129	2034
Michaels, August, Milwaukee, Wis. Automatic valve.	873,324	Dec. 10	2115	441-2	131	1533
Michaels, Robert. (See Fessler and Michaels.)						
Michaelsen, Charles O., Salt Lake City, Utah. Machine for separating gold and platinum from other material.	849,553	Apr. 9	1867	379-81	127	2100
Michaelsen, Claus P., Dusty, Wash. Cultivator.	844,163	Feb. 12	2574	551	126	2468
Michaels, Wilhelm, Deuben, near Dresden, Germany. Steam lubricating apparatus.	865,262	Sept. 3	758	216	130	230
Michaud, Joseph O., Fort Kent, Me. Bit-stock.	869,639	Oct. 29	3846	1052	130	2590
Michel, Auguste, Paris, France. Sparking coil with multiple winding for ignition and like purposes.	873,954	Dec. 17	3351	714	131	1776
Michel, John N., New York, N. Y. Registering-target.	848,477	Mar. 26	5527	1204	127	1481
Michel, William, Columbus, Ohio. Railway signal device.	863,865	Aug. 20	2760	759	129	3009
Michel, William B., Buffalo, N. Y. Rail-joint.	863,866	Aug. 20	2761	760	129	3010
Michel, William P., New York, N. Y. Street-car.	871,514	Nov. 19	2892	724	131	838
Michelin, André, Paris, France. Air-compressor combined with an explosive-motor.	854,371	May 21	4034	834	128	1104
Michell, Joseph N., Germiston, Transvaal. Safety-stop for elevators.	852,072	Apr. 30	6795	1415	127	3456
Michels, Christian N. (See Foerster, Julius T., assignor.)						
Michelsen, Niels. (See Jeppesen and Michelsen.)						
Michigan Lubricator Co. (See Bryant, William E., assignor.)						
Michigan Stove Company. (See Keep and Maul, assignors.)						
Michigan Woven Wire Fence Co. (See Raymond, George A., assignor.)						
Mick, Frederick, Billings, Mont. Wagon-brake.	873,577	Dec. 10	2608	549	131	1618
Mickelson, Christian F. (See Keil, George F., assignor.)						
Mickey, Samuel T., Winston Salem, N. C. Stovepipe-joint.	851,298	Apr. 23	5195	1090	127	3022
Mickle, Charles E. (See Funk and Mickle.)						
Micklewood, Edmund H., and H. Whidbourne, Plymouth, England. Internal-combustion engine.	856,790	June 11	2648	545	128	2399
Mickle, Benjamin F., Seneca Falls, N. Y. Navigable aeroplane.	851,683	Apr. 30	5976	1248	127	3245
Middaugh, William C., Easton, Pa. Dental-syringe attachment.	860,555	July 16	3424	941	129	1196
Middlebrook, William D., assignor to Oakville Company, Waterbury, Conn. Wire-working machine.	869,007	Oct. 22	2836	781-2	130	2254
Middleton, Albert J., Indianapolis, Ind. Broom-corn-saw machine.	849,804	Apr. 9	2322	476	127	2215
Middleton, Alfred D., Savannah, Ga. Toy gun.	849,554	Apr. 9	1876	382	127	2102
Middleton, Arthur R. (See White and Middleton.)						
Middleton, Edna, Savannah, Ga. Hose-supporter.	850,240	Apr. 16	3130	654	127	2459
Middleton, George, assignor to Middleton Pneumatic Hub Company, (1906.) Limited, London, England. Pneumatic hub for vehicles.	857,092	June 18	3231	679	128	2583
Middleton, Lee P., Tuscarora, Nev. Endless water-wheel.	859,402	July 9	1689	449	129	600
Middleton Pneumatic Hub Company, (1906.) (See Middleton, George, assignor.)						
Middleton, Walter G., <i>et al.</i> (See Coar, Charles H., assignor.)						
Middleton, William, and H. N. G. Cobbe, Kalgoorlie, Western Australia, Australia. Shoe and die of grinding-pans.	867,989	Oct. 15	1229	339-40	130	1732
Middleton, William, and H. N. G. Cobbe, Kalgoorlie, Western Australia, Australia. Grinding shoe and die.	874,414	Dec. 24	4337	912-13	131	1961

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Middleton, William E. (See Gartrell and Middleton.)						
Middleton, William E., Kansas City, Mo. Concrete wall or column construction	871,879	Nov. 26	3634	886	131	987
Midgett, Franklin G., deceased, Dallas, Tex.; L. S. Midgett, administratrix. Hydrant.	868,794	Oct. 22	2518	694	130	2153
Midgett, Lillie S., administratrix. (See Midgett, Franklin G.)						
Midgley, Albert H., and B. Reed, London, England. Controlling device for electric motors for driving sewing-machines, small lathes, &c.	850,947	Apr. 23	4497	940	127	2847
Midgley, Frederick W., Jersey City, N. J. Silk-reclaiming machine.	848,039	Mar. 26	4717	1028	127	1278
Midgley, Thomas, Hartford, Conn. Wheel-tire.	855,468	June 4	50	12	128	1707
Midgley, Thomas, Hartford, Conn. Vehicle-wheel.	856,081	June 4	1202	255	128	1996
Midgley, Thomas, Hartford, Conn. Apparatus for vulcanizing rubber goods.	858,406	July 2	66	19	129	23
Midgley, Thomas, Hartford, Conn., assignor to Hartford Rubber Works Company. Wheel-rim.	841,801	Jan. 22	4034	871	126	1150
Midgley, Thomas, Hartford, Conn., assignor to Hartford Rubber Works Company. Wheel-rim.	841,802	Jan. 22	4036	871	126	1150
Mieden, Adam, Rhyolite, Nev. Pocket memorandum-book.	863,036	Aug. 13	1502	407	129	2583
Miehle, Robert, Chicago, Ill. Piston for air-compressors.	852,889	May 7	1068	220	128	273
Miehle, Robert, Chicago, Ill. Printing-press.	852,973	May 7	1238	254	128	316
Miehle, Robert, Chicago, Ill. Smut-sheet attachment for sheet-delivery mechanisms.	863,080	Aug. 13	1580	426-7	129	2607
Miel, Charles L., Sacramento, Cal., assignor to United States Stone Saw Company, Tucson, Ariz. Ter. Stone-saw.	863,301	Aug. 13	1926	520	129	2714
Mielcarek, Wladyslaw S., St. Louis, Mo. Air-ship.	865,415	Sept. 10	1015	290	130	337
Mielke, William C., Parkers Prairie, Minn. Automobile sleigh.	867,285	Oct. 1	86	26-7	130	1340
Mier, Horace J., and D. Beames, Rutherford, N. J. Hen's nest and hatching-coop.	841,995	Jan. 22	4424	953	126	1244
Mier y Miura, Eduardo, Madrid, Spain. Measuring apparatus for electricity.	847,422	Mar. 19	3420	749-50	127	921
Miersch, Albert, assignor to Firm of Gebrueder Alexander, Breslau, Germany. Motor-plow.	853,205	May 7	1681	347	128	424
Miesse, Americus, assignor of three-fourths to F. D. Carpenter, F. D. Closser, F. W. Drake, W. H. Hay, R. H. Carpenter, H. M. J. W., and J. F. Reed, Lima, Ohio. Head-light.	857,249	June 18	3507	741	128	2654
Miesse, Americus, assignor of three-fourths to R. H. Carpenter, F. D. Closser, F. W. Drake, W. H. Hay, F. D. Carpenter, H. M. J. W., and J. F. Reed, Lima, Ohio. Head-light.	859,403	July 9	1690	450	129	600
Miesse, William F., et al. (See Althen, William C., assignor.)						
Miggett, William L., Ann Arbor, Mich. Oiler.	862,576	Aug. 6	807	215-16	129	2333
Mignault, Armand. (See Forques, Laurence Z., assignor.)						
Mignerey, Ulysses G., Julian, Nebr. Unloading apparatus.	841,996	Jan. 22	4425	953	126	1245
Mika, Josef, Bottrop, Germany. Mine-shaft.	841,416	Jan. 15	3273	706	126	921
Mikesell, Frank, Jr., Fort Scott, Kans. Screen.	849,154	Apr. 2	1099	221	127	1870
Miklós, Edmund von, Budapest, Austria-Hungary. Railway weigh-bridge.	839,916	Jan. 1	298	65	126	82
Mikolajczak, Anton, Castrop, Germany. Dinitroglycerin and making the same. (Re-issue).	12,669	July 2	1349		129	456
Mikolasek, Wenceslaus F., Vodnany, S. D. Incubator.	842,899	Feb. 5	111	26-7	126	1818
Mikolasek, Wenceslaus F., Vodnany, S. D. Egg-tester.	862,179	Aug. 6	109	29	129	2118
Mikolasek, Wenceslaus F., Vodnany, S. D. Brooder.	862,180	Aug. 6	110	29	129	2118
Mikorey, Hans, Schöneberg, Germany. Propelling and floating device for boats and the like.	849,006	Apr. 2	782	160	127	1786
Mikorey, Hans, Schöneberg, near Berlin, assignor to W. Graaff & Company, Gesellschaft mit Beschränkter Haftung, Berlin, Germany. Fire-extinguisher.	852,393	Apr. 30	7402	1553	127	3607
Mikulasek, John, Grove City, Pa. Water-vehicle.	872,140	Nov. 26	4209	1005	131	1073
Mikulich, Andrew, Sacramento, Cal. Pencil-retainer.	866,500	Sept. 17	2676	748	130	900
Milan, Charles W. (See Pequegnat and Milan.)						
Milar, John T. (See Nussbaum, George B., assignor.)						
Milbrath, William, assignor of one-half to S. R. Dubetz, Lakefield, Minn. Bag-holder.	862,496	Aug. 6	664	178	129	2294
Milburn, John H., Detroit, Mich. Scale.	852,281	Apr. 30	7173	1506	127	3550
Milburn, William M., Sherman, assignor of two-thirds to D. H. Bailey and S. W. Ruyle, Grayson county, Tex. Ice-cream freezer.	856,648	June 11	2386	491	128	2332
Mild, Charles, Mount Vernon, Ohio. Cleaner for steam-condensers.	864,664	Aug. 27	4013	1114	129	3425
Miles, Carl C., et al. (See Scott, William A., assignor.)						
Miles, Casper W., Anderson township, Hamilton county, Ohio. Floor-surfacer.	870,836	Nov. 12	1538	422	131	531
Miles, David T. (See Scroggins and Miles.)						
Miles, Don D., Aurora, Ill. Sash-lock.	851,299	Apr. 23	5196	1090	127	3022
Miles, Edward C., Denver, Colo. Electric water-heater.	853,892	May 14	3095	634	128	824
Miles, George W., Belmont, Mass. Cellulose derivative and making same. (Reissue).	12,637	Apr. 23	5857		127	3183
Miles, Isaac, Bonesteel, S. D. Windmill.	867,990	Oct. 15	1231	340	130	1733
Miles, Perry B. (See Miller, Haight, and Smith, assignors.)						
Miles, Perry B., Jackson, Mich. Mold.	852,448	May 7	79	17	128	23
Miley, Annie C., Philadelphia, Pa. Coal-chute feeder.	875,447	Dec. 31	6405	1337	131	2319
Miley, William, assignor of one-third to J. M. Jones, Indianapolis, Ind. Railway-track.	842,967	Feb. 5	249	55	126	1852
Milhofer, John. (See Henrich, Peter, assignor.)						
Milhollin, John C., assignor of one-half to C. W. Summerville, Springfield, Ohio. Separable spring-hinge.	847,963	Mar. 19	4543	999	127	1197
Millage, Noah N., Lerne, Ill. Baling-press.	859,680	July 9	2111	569	129	737
Millar, Charles H., Ervillagh, Foxrock, Ireland. Rotary engine.	847,489	Mar. 19	3544	775-6	127	953
Millar, John. (See Rhodes and Millar.)						
Millard, Fred D., Burlington, Iowa. Turbine.	840,576	Jan. 8	1605	352	126	454
Millen, James, Revere, Mass. Machine for forming edges of plates.	858,887	July 2	901	235-6	129	310
Millen, Lincoln H., and J. A. Smethers, Beatrice, Nebr. Two-row cultivator.	866,209	Sept. 17	2258	630	130	766
Miller, Abel A., Franklin, Pa. Floor-polishing machine.	862,747	Aug. 6	1072	289	129	2411
Miller, Adam, Jr. (See Flohr and Miller.)						
Miller, Adolph W. (See Weitlich and Miller.)						
Miller, Albert. (See Kaplan, Jacob, assignor.)						
Miller, Albert L., Benson, Nebr. Ironing-table.	844,732	Feb. 19	4015	855	126	2859
Miller, Alexander, assignor of one-half to G. Leonard, San Antonio, Tex. Wire-stretcher.	840,080	Jan. 1	583	126	126	155
Miller, Alfred N., Evansville, Ind. Knockdown box.	875,548	Dec. 31	6594	1878	131	2351
Miller, Ananias. (See McCormick and Miller.)						
Miller, Ananias D. (See Berg, Albert, assignor.)						
Miller, Andrew, Connelville, Pa. Holding and releasing mechanism for brake-shafts.	841,091	Jan. 8	2617	572-3	126	710
Miller, Andrew J., Henderson, Ky. Storm-apron.	840,081	Jan. 1	584	127	126	155
Miller, Archag F., Winthrop, assignor to C. F. Sharkey, Somerville, Mass. Making a printing-plate by photo-engraving.	871,721	Nov. 19	3260		131	903
Miller, Austin E., Cheney, Wash. Gate mechanism.	843,617	Feb. 12	1573	332	126	2220
Miller, Benjamin N. B., Hartford, Conn., assignor to M. C. Hillery. Cushion-heel.	862,091	July 30	5853	1623	129	2034
Miller, Bertie E., Brandon, Iowa. Manure-spreader.	863,550	Aug. 13	2279	622	129	2824
Miller Bung Bush Company. (See Ricke, George H., assignor.)						
Miller, Burns S., Everett, Wash. Railway signaling device.	872,002	Nov. 26	3924	946	131	1027
Miller, Carl H., Jr., Cleveland, Ohio. Kitchen-range.	874,103	Dec. 17	3708	780	131	1823

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Miller, Charles, Syracuse, N. Y. Ratchet-wrench.....	853,930	May 14	3178	651	128	845
Miller, Charles, Syracuse, N. Y., assignor to E. M. Danes. Ratchet-wrench.....	845,716	Feb. 26	5950	1257	126	3385
Miller, Charles, Syracuse, N. Y., assignor to E. M. Danes. Socket-wrench.....	845,717	Feb. 26	5951	1257	126	3386
Miller, Charles A., Vernon, Fla. Musical-chord indicator.....	857,955	June 25	4908	1037	128	3036
Miller, Charles E., Anderson, Ind. Machine for wrapping tires.....	840,642	Jan. 8	1721	379	126	485
Miller, Charles H., Bowie, Tex. Sash-fastener.....	850,170	Apr. 16	2990	627	127	2420
Miller, Charles K., Alva, Okla. Ter. Machine for combing broom-corn.....	851,202	Apr. 23	4985	1047-8	127	2967
Miller, Charles L., Bellaire, Ohio. Chair.....	853,893	May 14	3097	634	128	824
Miller, Charles M., Alameda, Cal. Talking-machine attachment.....	855,116	May 28	5553	1153	128	1515
Miller, Charles W., assignor to J. A. Jeffrey, Columbus, Ohio. Car-haul.....	844,164	Feb. 12	2575	552	126	2469
Miller, Charley A., Mendon, Ohio. Gate-hanger.....	843,410	Feb. 5	1130	235-6	126	2075
Miller, Clara E., Freeport, N. Y. Clothes-washing device.....	858,741	July 2	655	173	129	226
Miller, Clarence E., Fairmont, W. Va., and Q. L. Pore, Connellsville, Pa. Miner's lock.....	865,792	Sept. 10	1608	455	130	522
Miller, Clifford G., New York, N. Y. Drink-mixer.....	846,931	Mar. 12	2449	536	127	652
Miller, Conrad, Denver, Colo. Dumping-body for vehicles.....	847,964	Mar. 19	4545	999	127	1198
Miller, Conrad, Denver, Colo. Adjustable axle-nut.....	861,219	July 23	4472	1227-8	129	1570
Miller, Cornelius F., Hamilton, Ohio. Roller-skate truck.....	852,570	May 7	399	73	128	105
Miller, Corwin F., Wolcottville, Ind. Hand-truck.....	866,797	Sept. 24	3139	884	130	1080
Miller, Cyrus R., assignor to W. A. Anger, Milwaukee, Wis. Dough-divider.....	845,367	Feb. 26	5274	1118	126	3218
Miller, Daniel S., and J. M. Landfair, Black Lick Station, Pa. Mine-car brake-shoe.....	841,264	Jan. 15	2964	644	126	841
Miller, Dewitt C., assignor of one-half to O. C. Husband, Melrose, Fla. Bricklayer's mitt.....	859,097	July 2	1207	325	129	408
Miller, Du Brul and Peters Manufacturing Company. (See Rosewarne, Richard E., assignor.)						
Miller, Ed. A. (See Stewart and Miller.)						
Miller, Edward J., et al. (See Bauer, William, assignor.)						
Miller, Edward J., Canton, Ohio. Pasteurizing apparatus.....	869,978	Nov. 5	148	40	131	49
Miller, Ellis W., assignor of one-half to J. Batterton, Greensburg, Ind. Step-ladder.....	846,228	Mar. 5	1025	219	127	261
Miller, Elmer E., Sacramento, Pa. Cheese-mill.....	841,997	Jan. 22	4428	954	126	1245
Miller, Emil F., Chicago, Ill. Automatic controller for dampers.....	857,648	June 25	4285	905	128	2881
Miller, Espey J. (See Goehns, George W., assignor.)						
Miller, Eugene B. (See Bentley and Miller.)						
Miller, Forrest R. (See Cone and Miller.)						
Miller, Francesco, Turin, Italy. Production of fluid for power.....	864,017	Aug. 20	2973	820	129	3074
Miller, Francis M., Arcadia, Ind. Trolley-retriever.....	843,761	Feb. 12	1829	389-90	126	2286
Miller, Frank B., assignor to Union Cutlery & Hardware Company, Unionville, Conn. Try-square.....	867,922	Oct. 8	1075	304	130	1661
Miller, Frank E. (See Isham and Miller.)						
Miller, Frank F., assignor to M. B. Falsey, New York, N. Y. Lock.....	874,694	Dec. 24	4892	1029	131	2052
Miller, Frank J., Williamsport, Pa. Saw-filing apparatus.....	853,988	May 21	3294	677-8	128	914
Miller, Franklin C., Kittanning, Pa. Wrench.....	872,955	Dec. 3	1339	283	131	1377
Miller, Fred H. (See Kieren, Henry, assignor.)						
Miller, Frederick, Union county, Ind. Soil pulverizer and smoother.....	843,025	Feb. 5	376	83	126	1887
Miller, Frederick W., Caledonia, N. Y. Agricultural implement.....	850,482	Apr. 16	3587	750	127	2577
Miller, Fredrick W., Muskegon, Mich. Wagon.....	872,531	Dec. 3	462	96-7	131	1238
Miller, George A., McKeesport, Pa. Curtain-fixture.....	875,365	Dec. 31	6248	1303	131	2293
Miller, George A., assignor to St. Louis Lightning Rod Co., St. Louis, Mo. Two-male T.....	873,154	Dec. 10	1764	371	131	1478
Miller, George C., Fairfax, Minn. Refrigerator-fastening.....	850,032	Apr. 9	2708	569	127	2310
Miller, George D., et al. (See Stanley, George W., assignor.)						
Miller, George E., and C. H. Barnes, Montrose, Colo. Beet-dump.....	864,381	Aug. 27	3536	981	129	3276
Miller, George F., Brooklyn, assignor to American Can Company, New York, N. Y. Sheet-metal type-ribbon spool or holder.....	857,818	June 25	4432	982	128	2969
Miller, George H., Norwalk, Ohio. Auger for enlarging the lower ends of holes.....	865,051	Sept. 3	453	123	130	139
Miller, George J., Doon, Iowa. Rail-joint.....	850,772	Apr. 16	4146	867	127	2718
Miller, George J., Kansas City, Mo. Broiling apparatus.....	870,117	Nov. 5	377	105-6	131	126
Miller, George J., Kansas City, Mo. Broiler.....	870,118	Nov. 5	380	106	131	127
Miller, George L. R., Oxford, Ohio. Marker for hats.....	847,799	Mar. 19	4186	916	127	1112
Miller, George T., Jamisonville, Pa. Gasket-cutter.....	857,647	June 25	4284	905	128	2881
Miller, Gustaf J., Duluth, Minn. Excavating-machine.....	864,180	Aug. 27	3231	896	129	3180
Miller, Harry A., Pasadena, Cal., and B. G. Gilbough, Chicago, Ill. Sparking device.....	872,075	Nov. 26	4082	978	131	1052
Miller, Harry A., Pasadena, Cal., and B. G. Gilbough, Chicago, Ill. Sparking device.....	872,629	Dec. 3	652	136	131	1270
Miller, Harry C. (See Scott, John L., assignor.)						
Miller, Harry E. (See Cottrell, Frederick G., assignor.)						
Miller, Harry H., assignor of three-eighths to G. H. Watson and one-fourth to J. F. Madden, St. Louis, Mo. Signal device for street-cars.....	847,289	Mar. 12	3124	688	127	819
Miller, Henry and G., St. Paul, Minn. Car and coach washing machine.....	848,188	Mar. 26	4955	1082	127	1338
Miller, Henry C., Milwaukee, Wis. Loose-leaf binder.....	848,671	Apr. 2	99	22	127	1610
Miller, Henry G., assignor to Loew Manufacturing Company, Cleveland, Ohio. Feed-water heater.....	839,867	Jan. 1	126	30-1	126	36
Miller, Henry G., assignor to Loew Supply & Manufacturing Company, Cleveland, Ohio. Water-separator.....	845,807	Mar. 5	143	27	127	40
Miller, Henry J., Goshen, N. Y., assignor to H. J. Miller, Jr., Paterson, N. J. Sulky.....	862,836	Aug. 6	1212	326	129	2454
Miller, Henry S., Rochester, N. Y. Dental handpiece.....	847,591	Mar. 19	3751	823	127	1009
Miller, Hezekiah, Fort Morgan, assignor of one-half to I. C. Ferree, Sterling, Colo. Nut-lock.....	856,976	June 11	2985	625	128	2481
Miller, Hezekiah, assignor of one-half to J. Horner, Fort Morgan, Colo. Telegraph-pole, fence-post, and the like.....	869,252	Oct. 29	3207	883	130	2396
Miller, Hiram W., Detroit, Mich. Book-holder.....	853,184	May 7	1618	338	128	408
Miller, Howard E., St. Louis, Mo. Electrical testing system.....	873,674	Dec. 10	2774	588-9	131	1650
Miller, Howard E., Johnstown, Pa., assignor to Lorain Steel Company. Adjustable guard-rail chock.....	853,254	May 14	1785	371	128	486
Miller, James B., Kent, Ohio. Lock.....	863,867	Aug. 20	2762	760	129	3010
Miller, James B., Kent, Ohio. Padlock.....	863,868	Aug. 20	2763	760	129	3010
Miller, James M., Washington, D. C. Air-ship.....	847,965	Mar. 19	4548	999	127	1198
Miller, James M., and C. J. Murray, Newton Square, Pa. Apparatus for testing telephone-wires.....	855,117	May 28	5554	1153	128	1516
Miller, James W., Gillespie, Ill. Fan-ventilator.....	868,206	Oct. 15	1543	438	130	1826
Miller, Jasper W., Green Bay, Wis. Flat-iron heater.....	858,526	July 2	278	68	129	98
Miller, Jefferson D., New York, N. Y. Stair-carpet fastener.....	841,417	Jan. 15	3273	706	126	921
Miller, John, Orange, N. J. Combined water-heater, smoke and gas consumer, and damper-regulator.....	847,425	Mar. 19	3422	750	127	921
Miller, John, Minneapolis, Minn., assignor to Winner Block Machine Company. Brick-machine.....	842,412	Jan. 29	5318	1127	126	1508
Miller, John, A. M. Haight, and W. T. Smith, assignors, by mesne assignments, to P. B. Miles, Jackson, Mich. Machine for making concrete building-blocks.....	840,006	Jan. 1	415	90-1	126	113

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Miller, John A. (See Higby and Miller.)						
Miller, John A., Tarrytown, N. Y. Speed-controlling mechanism for explosive-motors.	855,582	June 4	263	53-4	128	1762
Miller, John C. (See Laube, Godfried, assignor.)						
Miller, John C., et al. (See Laube, Godfried and G. C. G., assignors.)						
Miller, John E. Western Springs, Ill. Wheeled cultivator.	854,754	May 28	4789	994-5	128	1321
Miller, John F., Trail, British Columbia, Canada. Electrolytic tank.	856,277	June 11	1620	337	128	2138
Miller, John F., Trail, British Columbia, Canada. Lining tanks for electrolytic work.	857,886	June 25	4743	1007	128	2994
Miller, John F., assignor of one-half to W. H. Aldridge, Trail, British Columbia, Canada. Apparatus for casting metal sheets.	857,885	June 25	4742	1007	128	2994
Miller, John H., et al. (See Anderson, Edward L., assignor.)						
Miller, John H., Hamburg, Pa. Releasing device for dumb-waiters.	843,618	Feb. 12	1575	332	126	2221
Miller, John H., Risingsun, Ohio. Cement-block machine.	844,457	Feb. 19	3197	690	126	2664
Miller, John L., Paulsboro, N. J. Motor and other cycle.	867,668	Oct. 8	669	189	130	1537
Miller, John N. (See Stedham and Miller.)						
Miller, John W. (See Hopkins and Miller.)						
Miller, John W., assignor of three-fifths to McKee and Bliven Button Company, Muscatine, Iowa. Automatic button cutting and sawing machine.	850,033	Apr. 9	2709	569-70	127	2311
Miller, John W., and J. C. Horning, Chicago, Ill. Drying-frame.	844,687	Feb. 19	3915	828	126	2834
Miller, John Z. (See Barrett, George E., assignor.)						
Miller, John Z., Indianapolis, Ind. Shifter-fastener for vehicle-tops.	843,348	Feb. 5	1038	214	126	2052
Miller, Joseph, et al. (See Green, Gustavus, assignor.)						
Miller, Joseph, Morton, Ill. Draft-equalizer.	864,322	Aug. 27	3447	960	129	3247
Miller, Joseph R., assignor of one-half to W. Michael, Mansfield, Ohio. Lifting mechanism.	840,032	Jan. 1	585	127	126	155
Miller, Joseph R., Morgantown, and U. S. Huggins, Weston, W. Va. Apparatus for manufacturing tiles.	859,906	July 9	2445	665	129	841
Miller, Joseph R., Morgantown, and U. S. Huggins, Weston, W. Va. Manufacturing tiles.	862,648	Aug. 6	916	246	129	2368
Miller, Joseph S., Palmdale, Cal. Wheel.	842,485	Jan. 29	5492	1163	126	1555
Miller, Josiah F., et al. (See McCormick and Miller, assignors.)						
Miller, Julius J., St. Joseph, Mich., assignor to W. P. Healy, Chicago, Ill. Machine for use in making wire-bound boxes.	840,703	Jan. 8	1836	404-6	126	513
Miller, Lester, Yonkers, N. Y. Weft-replenishing mechanism for looms.	842,683	Jan. 29	5929	1249-50	126	1659
Miller, Lewis, Elwood, Ind. Stove.	857,649	June 25	4286	905	128	2881
Miller, Lewis W., Russellville, Ark. Combined ironing-board, chest, and table.	866,153	Sept. 17	2183	608-9	130	743
Miller, Louis H., Portland, Oreg. Pallet-jewel setter.	865,925	Sept. 10	1829	512	130	601
Miller, Louis H., Campbell, Cal. Acetylene-gas machine.	870,190	Nov. 5	495	135-6	131	162
Miller, Magnus J., Granger, Wyo. Current-wheel.	850,438	Apr. 16	3505	733	127	2557
Miller, Martha H. (See Mintzer, Harry H., assignor.)						
Miller, Martin, Columbus, Ohio. Key-action.	851,894	Apr. 30	6397	1335	127	3356
Miller, Michael, Brillion, Wis. Folding or collapsible egg-case.	874,104	Dec. 17	3710	780	131	1824
Miller, Milton B., et al. (See Hammond, Grant, assignor.)						
Miller, Morris, New York, N. Y., and E. Morris, Newark, N. J., assignors to Shiman Miller Manufacturing Company, New York, N. Y. Mechanism for manufacturing tubular bracelets and similar articles.	859,317	July 9	1549	413	129	557
Miller, Moses. (See Salter, Fayette, assignor.)						
Miller, Oliver N., assignor of one-half to G. F. Turner, Florenceville, New Brunswick, Canada. Chimney-cleaner.	854,101	May 21	3536	730	128	973
Miller, Ottis E. (See Merrick and Miller.)						
Miller, Otto. (See Crow and Miller.)						
Miller, Otto, and P. Kunzinger, Brooklyn, N. Y. Alarm-lock.	855,469	June 4	51	12	128	1707
Miller, Otto H., Green Bay, Wis. Vegetable-cutter.	854,229	May 21	3793	782-3	128	1041
Miller Pasteurizing Machine Company. (See Pfouts, Leroy S., assignor.)						
Miller, Persis K., Baltimore, Md. Sand-tray.	859,002	July 2	1079	284	129	368
Miller, Philip C., Chicago, Ill. Dust-collector.	854,516	May 21	4305	891	128	1170
Miller, Reinhold A., Indianapolis, Ind. Electromagnetic power-generator.	842,413	Jan. 29	5321	1128	126	1509
Miller, Richard W., Perry, Iowa. Mattress-frame.	854,900	May 28	5108	1062	128	1405
Miller, Robert, Covington, assignor of one-half to R. M. Gillihan, Randolph, Tenn. Clamp.	844,309	Feb. 12	2903	616	126	2553
Miller, Robert H., assignor to Christy Fire Clay Company, St. Louis, Mo. Cleaning gas-producer connections.	873,768	Dec. 17	2984	633	131	1715
Miller, Rosella E., Pitcairn, Pa. Refrigerator.	857,887	June 25	4745	1008	128	2994
Miller, Sam, Marshfield, Wis. Artificial fruit.	874,415	Dec. 24	4338	913	131	1961
Miller, Samuel W., Philadelphia, Pa. Piston.	841,703	Jan. 22	3833	833	126	1098
Miller, Sidney W., Chicago, Ill. Triple alternating siphon.	847,592	Mar. 19	3754	823	127	1010
Miller, Sidney W., Chicago, Ill. Plural alternating siphon.	857,355	June 18	3712	784-5	128	2706
Miller, Sidney W., Chicago, Ill. Apparatus for emptying liquid-tanks.	867,669	Oct. 8	670	189-90	130	1537
Miller, Sidney W., Chicago, Ill. Controlling device for deep-seal siphons.	871,427	Nov. 19	2705	685	131	809
Miller, Sidney W., Chicago, Ill. Alternating siphon.	872,076	Nov. 26	4086	978-9	131	1052
Miller, Theodore H., Poughkeepsie, N. Y. Centrifugal machine.	855,718	June 4	522	109-10	128	1828
Miller, Thomas S., South Orange, N. J. Conveying apparatus.	862,748	Aug. 6	1073	289-90	129	2411
Miller, Thomas S., South Orange, N. J. Conveying apparatus.	874,223	Dec. 17	3948	833	131	1865
Miller, Thomas S., South Orange, N. J. Conveying apparatus.	875,199	Dec. 31	5918	1233-4	131	2241
Miller, Thomas S., South Orange, and J. H. Dickinson, Montclair, N. J. Hoisting and conveying apparatus.	846,042	Mar. 5	655	137-8	127	167
Miller, Thomas S., South Orange, and J. H. Dickinson, Montclair, N. J. Logging apparatus.	846,932	Mar. 12	2450	536	127	652
Miller, Thomas S., South Orange, and C. L. Wachter, Hoboken, N. J.; said Wachter assignor to Lidgerwood Manufacturing Company. Rope fastening or button.	854,957	May 28	5201	1083-4	128	1428
Miller, Uriah R., Salem, Ohio. Boat.	850,034	Apr. 9	2714	570	127	2312
Miller, Walter R., Belleville, Ohio. Expansive nut.	864,478	Aug. 27	3685	1026	129	3327
Miller, William A., Wapinitia, Oreg. Saw.	853,255	May 14	1786	372	128	486
Miller, William A., and H. P. Roberts, Boston, Mass. Self-sealing bottle.	864,248	Aug. 27	3340	925-6	129	3216
Miller, William E., Bingham Canyon, Utah. Hat-ventilator.	849,007	Apr. 2	784	160	127	1787
Miller, William H., Galveston, Tex. Fireproof window construction.	846,682	Mar. 12	1947	428	127	525
Miller, William J. (See Frayer and Miller.)						
Miller, William J., assignor to Oscar Lear Automobile Company, Columbus, Ohio. Motor-vehicle.	866,294	Sept 17	2390	665-6	130	810
Miller, William J. D., Hillsboro, Mo. Reversing gear.	842,684	Jan. 29	5933	1250	126	1660
Miller, William J. D., Hillsboro, Mo. Speed-governor.	870,303	Nov. 5	675	181	131	221
Miller, William L., Chicago, Ill. Heating system.	849,744	Apr. 9	2201	453	127	2182
Miller, William L., assignor of one-half to F. A. Gale, Chicago, Ill. Apparatus for blowing off, washing, and recharging boilers.	858,198	June 25	5406	1152	128	3164
Miller, William M. S., Milwaukee, Wis., assignor to Sieber & Trussell Mfg. Co. Loose-leaf binder.	869,378	Oct. 29	3413	938	130	2459
Miller, William R., assignor to Porter Miller Engineering Company, Pittsburg, Pa. Gas-producer.	848,118	Mar. 26	4844	1057-8	127	1310

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Miller, William R., assignor to Forter Miller Engineering Co., Pittsburg, Pa. Gas-producer.....	849,848	Apr. 9	2420	493-4	127	2240
Miller, William R., assignor to Forter Miller Engineering Co., Pittsburg, Pa. Water-sealed continuous ingot-heating furnace.....	849,909	Apr. 9	2521	521	127	2266
Miller, William R., assignor to Forter Miller Engineering Company, Pittsburg, Pa. Feeding apparatus for gas-producers.....	871,428	Nov. 19	2708	685	131	809
Miller, William W., Oakland, Cal. Railway-switch.....	858,888	July 2	905	236-7	129	311
Miller, Willis I., Cleveland, Ohio. Electrically-operated vibrator.....	868,795	Oct. 22	2519	694	130	2154
Miller, Wilson W., Newton, Kans. Stacker.....	855,650	June 4	391	82	128	1794
Millers Falls Co. <i>et al.</i> (See Leland, John A., assignor.)						
Miller's Sons, M. J. (See Shannon, Benjamin, assignor.)						
Millett, Michael, Omaha, Nebr. Lubricating device for the surfaces of locomotive driving-boxes.....	860,818	July 23	3847	1055	129	1366
Millett, Michael, Omaha, Nebr. Lubricating device for the surfaces of locomotive driving-boxes and driving-wheel hubs.....	860,819	July 23	3849	1055	129	1367
Millican, William J., New York, N. Y. Amusement device.....	871,722	Nov. 19	3261	807	131	903
Milligan, Thomas, assignor of one-half to E. McLoughlin, Fortuna, Cal. Axle-nut.....	853,712	May 14	2711	559	128	732
Milligan, Thomas R., and W. M. Thom, Manchester, N. H. Match-scratcher.....	862,001	July 30	5700	1581	129	1984
Milligan, William F. (See Sulteen, George E., assignor.)						
Milliken, Foster, New York, N. Y. Attachment for rolling-mills.....	869,008	Oct. 22	2838	782	130	2254
Milliken, John A., Brooklyn, N. Y. Nail-clenching machine.....	861,382	July 30	4759	1300-1	129	1697
Milliken, John A., Flushing, N. Y., assignor to Amboy Machine Company, Perth Amboy, N. J. Nail-chuck.....	853,931	May 14	3180	651-2	128	846
Milliken, Walter L. (See Shiek, Daniel W., assignor.)						
Millin, Frank D., Spokane, Wash. Hoisting apparatus.....	843,411	Feb. 5	1131	236	126	2075
Millior, Daniel, Paris, France. Generating and carbureting apparatus.....	858,092	June 25	5216	1105-6	128	3117
Milliron, Ira A., Franklin, Pa. Air-regulating device for glass-drawing machines.....	863,200	Aug. 13	1771	476	129	2669
Milliron, Ira A., and C. W. Irwin, Franklin, Pa.; said Irwin assignor to said Milliron. Glass-working furnace.....	864,665	Aug. 27	4014	1114	129	3425
Mills, Charlie J., Pontiac, assignor of one-half to W. J. Hartwig, Detroit, Mich. Speed-measure.....	847,679	Mar. 19	3945	861	127	1056
Mills, Jacob E. (See Stroh, Freeman W., assignor.)						
Milloy, Peter D., Buffalo, N. Y. Car-signal.....	852,282	Apr. 30	7177	1506	127	3551
Mills, Anson C., Jackson, Mich. Fish-stringer.....	849,410	Apr. 9	1574	319	127	2025
Mills, Anson C., assignor to Jackson Fence Company, Jackson, Mich. Expansible winding-drum.....	854,661	May 21	4573	955	128	1236
Mills Automatic Press Company. (See Beale, Samuel C., assignor.)						
Mills Automatic Press Company. (See Brett, Henry E., assignor.)						
Mills, David. (See Irvine, Mills, and Wood.)						
Mills, Edward R., C. A. Conn, Pittsburg, Pa., and H. Van Ormer, Hartford, Conn., assignors to Liberty Manufacturing Company, Pittsburg, Pa. Rotary motor.....	869,867	Oct. 29	4181	1154-5	130	2691
Mills, Edwin H., Columbus, assignor of one-half to L. Hornick, Cleveland, Ohio. Chain-link.....	846,803	Mar. 12	2179	479	127	585
Mills, Francis A., Lawrence, Mass. Means for hanging knitted leased harness for looms.....	847,800	Mar. 19	4188	916	127	1112
Mills, Francis A., Lawrence, Mass. Welt or filling thread holding device for looms.....	859,570	July 9	1938	523	129	681
Mills, Francis A., Lawrence, Mass. Loom-shuttle.....	867,740	Oct. 8	775	218	130	1569
Mills, Frank H., Camden, N. J. Steam-engine.....	867,394	Oct. 1	253	73-4	130	1391
Mills, Frank J., Brooklyn, N. Y. Book-clip.....	869,379	Oct. 29	3414	938	130	2459
Mills, George M., Jersey City, N. J. Rotaryice-breaking machine.....	850,093	Apr. 9	2834	593	127	2341
Mills, George R., Hudson, Mich. Wire-fence tie.....	870,571	Nov. 12	1098	301	131	388
Mills, Henry E. (See Reich, Valdemar F., assignor.)						
Mills, Henry H., and S. Wade, Newman, Cal. Fork or grapple.....	860,403	July 16	3210	878	129	1125
Mills, Herbert S., Chicago, Ill. Motor.....	846,439	Mar. 5	1450	322-3	127	366
Mills, James G., Toronto, Ontario, Canada. Mold for veneering walls with cement.....	868,284	Oct. 15	1666	471	130	1866
Mills, James N., Oak Station, Pa. Combination-lock.....	858,368	May 14	2033	421	128	554
Mills, James N., Pittsburg, Pa. Collar-button.....	874,224	Dec. 17	3951	834	131	1865
Mills, James S., New York, N. Y. Hat-protector.....	865,926	Sept. 10	1831	512	130	602
Mills, John, Toronto, Ontario, Canada. Filtering-machine.....	854,588	May 21	4441	923-4	128	1203
Mills, John H., assignor of one-half to J. B. Daugherty, Pawpaw, Ill. Wrench.....	869,211	Oct. 22	3132	863	130	2346
Mills, John S., New Grenada, Pa. Support for telephone-receivers.....	864,382	Aug. 27	3537	982	129	3276
Mills, Madeleine M., New York, N. Y. Fire.....	871,763	Nov. 19	3364	825	131	916
Miner Manufacturing and Equipment Co. (See Miner, Walter, assignor.)						
Mills, Norman W., I. F. Monell, and N. R. Herivel, Boulder, Colo. Insect-trap.....	844,951	Feb. 19	4422	945	126	2963
Mills Novelty Company. (See Sandell, Henry K., assignor.)						
Mills, Rudolph C., Eldorado, Okla. Ter. Lister attachment.....	870,451	Nov. 5	917	248	131	300
Mills, Samuel H., Montpelier, Vt. Stone-polishing wheel.....	848,760	Apr. 2	276	56	127	1657
Mills, William A., Fort Chester, N. Y. Gas-range.....	867,741	Oct. 8	776	218	130	1569
Mills, William F., South Bend, Ind. Cooking apparatus.....	851,018	Apr. 23	4616	968	127	2877
Mills, William S. (See Draper, Stephen H., assignor.)						
Mills, William S., assignor to W. S. Mills Company, Bridgeport, Conn. Undershirt.....	842,224	Jan. 29	4906	1046	126	1397
Mills Woven Cartridge Belt Company. (See Batchelder, Frank R., assignor.)						
Mills Woven Cartridge Belt Company. (See Jennings, Victor H., assignor.)						
Mills Woven Cartridge Belt Company. (See Lindsey, William, assignor.)						
Mills Woven Cartridge Belt Company. (See Stiles, Wallace C., assignor.)						
Millsap, James, De Soto, Mo. Mail-bag deliverer.....	874,225	Dec. 17	3952	834	131	1865
Millville Machine Company. (See Fredrick, William D., assignor.)						
Milne, Alexander, assignor to Newark Watch Case Material Company, Newark, N. J. Watchcase-bow.....	860,047	July 16	2680	729	129	952
Milne, Robert, Rockford, Ill., assignor to B. F. Barnes Company. Core and casting.....	875,448	Dec. 31	6407	1337	131	2320
Milne, Samuel, Edinburgh, Scotland. Paper-making machine.....	840,228	Jan. 1	888	192	126	240
Milne, Walter O., Stockton, Cal. Wool-scouring machine.....	854,372	May 21	4036	834	128	1105
Milne, William A., Brown's Corners, Ontario, Canada. Tubular conveyer for peat-collecting machines.....	855,651	June 4	394	82	128	1795
Milner, George, assignor to Milner Power Multiplying Machine Company, Inc., Brooklyn, N. Y. Power-transmission gearing.....	870,304	Nov. 5	676	181-2	131	221
Milner Power Multiplying Machine Company. (See Milner, George, assignor.)						
Milner, William L., Indianapolis, Ind. Adjustable trestle.....	841,418	Jan. 15	3275	706	126	922
Milstead, Andrew H. (See King and Milstead.)						
Milsted, Penrose M., Newark, N. J. Lamp.....	841,559	Jan. 15	3531	763	126	989
Milton, John, Washington, D. C. Device for feeding air to locomotive and other furnaces.....	856,541	June 11	2171	447	128	2277
Milwaukee Casket Company. (See Swartz, Warren E., assignor.)						
Milwaukee Harness Machinery Company. (See Gordon and Hart, assignors.)						
Milwaukee Optical Manufacturing Company. (See Webster and Ingold, assignors.)						
Mims, George W., assignor of two-thirds to C. Reed and C. J. Smith, Paducah, Ky. Nut-lock.....	855,408	May 28	6071	1269	128	1646
Minard, Ernest E., Chicago, Ill. Article-holder.....	873,133	Dec. 10	1729	362	131	1471

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Mincer, Louis L., Rochester, N. Y. Eyeglasses.....	855,861	June 4	814	169-70	128	1900
Minck, Julius. (See Metzler, Paul, assignor.)						
Minck, Paul H., Hemelingen, near Bremen, Germany. Apparatus for obtaining pure fiber.....	867,286	Oct. 1	87	27	130	1340
Mindermann, Henry, Brooklyn, N. Y. Non-refillable bottle.....	873,155	Dec. 10	1766	372	131	1478
Minehart, Irvin U., and C. C. Hunter, Rogers, Iowa. Knockdown crate.....	864,852	Sept. 3	142	39	130	45
Miner, Adrian I. (See Bennett and Miner.)						
Miner, Charles, Chester, S. C. Apparatus for hulling cotton-seed.....	848,119	Mar. 26	4845	1058	127	1310
Miner, Court L. (See Reese and Miner.)						
Miner, Elijah D., Rathdrum, Iowa. Fence-post.....	850,773	Apr. 16	4147	867	127	2718
Miner, James H., Lumberton, Miss. Wheel-flange lubricator.....	860,048	July 16	2681	729	129	952
Miner, Raymond C., and H. L. Fitch, Hudson, S. D. Fork-scraper.....	845,700	Feb. 26	5916	1250	126	3377
Miner-Stevens, Leon W., Biglake, Wash. Match-striking device.....	870,735	Nov. 12	1366	374	131	479
Miner, Walter, Chicago, Ill., assignor to Miner Manufacturing and Equipment Co., Creston, Iowa. Track-brake for railway-cars.....	864,754	Aug. 27	4153	1153	129	3468
Miner, William H. (See Hennessey and Moore, assignors.)						
Miner, William H., Tomah, assignor of one-half to F. C. Warren, Valley Junction, Wis. Beer measure and register.....	843,957	Feb. 12	2199	470-1	126	2378
Mingus, Bert, Novinger, Mo. Washing-machine.....	874,610	Dec. 24	4727	993	131	2024
Mingus, Everett, Marshfield, Oreg. Anchor-projectile.....	856,791	June 11	2651	546	128	2400
Minier, David L., assignor of one-half to S. M. Kirkendall, Ithaca, N. Y. Railway-car.	849,411	Apr. 9	1575	319-20	127	2026
Minifie, William A., assignor to W. H. Beattie, Little Falls, N. J. Woven pile fabric....	853,713	May 14	2712	559	128	732
Minimax Consolidated. (See Graf, Raimund, assignor.)						
Mining Milling and Machinery Manufacturing Company. (See Bailey, Howard S., assignor.)						
Minne, André, Asnières, France. Lock-nut.....	846,593	Mar. 12	1782	392	127	483
Minneapolis Brick & Tile Co. (See Jones, Ira C., assignor.)						
Minneapolis Steel and Machinery Company. (See Smith, George T., assignor.)						
Minneapolis Steel & Machinery Company. (See Swensson, Eric, assignor.)						
Minnery, Robert J., Portsmouth, Ohio. Planing-machine.....	852,339	Apr. 30	7274	1529	127	3575
Minnich, Samuel R. (See Welch and Minnich.)						
Minns, Walter J., New York, N. Y. Combined sink, bath, and wash tub.....	849,254	Apr. 2	1277	259	127	1914
Minor, Frederick G., Portsmouth, Ohio. Folding umbrella.....	858,527	July 2	279	69	129	99
Minster, Nicklas, Sheboygan, Wis. Snow-shoe attachment for wheeled vehicles.....	859,963	July 16	2534	688	129	902
Minter, Henry L., London, England. Tap.....	862,985	Aug. 13	1425	388	129	2557
Minto, James D. (See Kelly, James, assignor.)						
Minto, James D., and J. Kelly, Providence, R. I. Air cooling and humidifying apparatus.	855,719	June 4	524	110	128	1829
Minton, Calvin J., Gage, Okla. Ter. Doubletree-fastener.....	871,723	Nov. 19	3262	808	131	903
Mintzer, Harry H., assignor of one-half to M. H. Miller, Philadelphia, Pa. Hat-fastener.	859,098	July 2	1208	325	129	408
Mio, Jematsu, Salt Lake City, Utah. Adjustable bake-pan.....	872,837	Dec. 3	1097	230	131	1339
Miracle Pressed Stone Company. (See Burton, Charles S., assignor.)						
Miracle Pressed Stone Company. (See Melton, Arthur P., assignor.)						
Miracle Pressed Stone Company. (See Simpson, Charles L., assignor.)						
Mireau, Margaret M. (See Vidal, Philippe, assignor.)						
Mirfield, George E., Joliet, Ill. Combined speed indicator and recorder.....	871,946	Nov. 26	3773	917	131	1008
Mirovitch, Elie, Paris, France. Eye-protector.....	844,952	Feb. 19	4423	945	126	2964
Mirus, Ehrenfried, Cologne, Germany. Type-writer.....	874,695	Dec. 24	4894	1029	131	2052
Mischke, Paul, East Rutherford, N. Y. Burner.....	849,255	Apr. 2	1280	259	127	1915
Miser, Charles E., Watertown, N. Y. Check-valve for water-gages.....	850,483	Apr. 16	3590	750	127	2578
Mishawaka Woolen Manufacturing Company. (See Eberhart, Frederick G., Jr., assignor.)						
Misko, Joseph, Buffalo, N. Y., assignor of one-half to E. N. Dickerson, Stovall, N. C. Purifying iron.....	868,610	Oct. 15	2211		130	2035
Misland, Joseph A., New York, N. Y. Commutator brush and holder for dynamos and the like.....	840,506	Jan. 8	1455	321	126	417
Misner, Edgar D., St. Louis, assignor to W. C. Renfrow, Joplin, Mo. Briquet-making machine.....	843,565	Feb. 5	1472	310-11	126	2159
Missidine, Thomas J., Enterprise, Ala. Mold for embedding tablets in concrete.....	845,311	Feb. 26	5165	1096	126	3192
Mississippi Glass Company. (See Walsh, Robert A. B., assignor.)						
Mitchell, Albert O., Bethlehem, Conn. Milk-regenerator.....	864,428	Aug. 27	3601	1000	129	3297
Mitchell, Albert W., assignor, by mesne assignments, to J. N. Leonard, trustee, New Haven, Conn. Paper-box machine.....	847,093	Mar. 12	2753	607-9	127	725
Mitchell, Albert W., assignor, by mesne assignments, to J. N. Leonard, trustee, New Haven, Conn. Paper-box machine.....	852,974	May 7	1241	255-6	128	316
Mitchell, Albert W., assignor to J. N. Leonard, trustee, New Haven, Conn. Cutting mechanism for paper-box machines.....	853,714	May 14	2712	560	128	732
Mitchell, Albert W., assignor to J. N. Leonard, trustee, New Haven, Conn. Paper-box machine.....	862,835	Aug. 6	1210	326	129	2454
Mitchell, Albion L. F., Hyde Park, Mass., assignor of one-half to C. W. Aiken, Hackensack, N. J. Box-filling machine.....	860,877	July 23	3944	1080-2	129	1397
Mitchell, Albion L. F., Hyde Park, Mass., assignor of one-half to C. W. Aiken, Hackensack, N. J. Box-filling machine.....	870,895	Nov. 12	1628	445-7	131	558
Mitchell, Andrew F. (See Jones, William H., assignor.)						
Mitchell, Augustus R. (See Dorsey and Mitchell.)						
Mitchell-Bissell Co. (See Mitchell, John R., assignor.)						
Mitchell, Charles, Poughkeepsie, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing-machine table.....	845,471	Feb. 26	5488	1162	126	3271
Mitchell, Charles A., Indianapolis, Ind. Cistern-former.....	850,667	Apr. 16	3956	826-7	127	2673
Mitchell, Charles H., and J. F. Wineland, Crafon, Pa. Refrigerator.....	855,962	June 4	1000	209	128	1946
Mitchell, Charles P., Arlington Heights, Mass. Package.....	856,173	June 4	1392	293	128	2044
Mitchell, Clara D., Grant, Nebr., assignor of one-half to C. E. Achorn, Boston, Mass. Serving-tray.....	875,549	Dec. 31	6595	1378	131	2351
Mitchell, Curran E., Fort Payne, Ala. Washing-machine.....	864,018	Aug. 20	2974	820-1	129	3074
Mitchell, Edwin W., et al. (See Brackstone, Samuel, assignor.)						
Mitchell, Ernest G., Bowden, England. Means for forming announcements on glass windows and other plane surfaces.....	846,043	Mar. 5	656	138	127	168
Mitchell, Frank, and C. Beal, Jr., Philadelphia, Pa. Wire head and fastening means for looms.....	873,448	Dec. 10	2338	491	131	1574
Mitchell, Fredrick W. T., Iron River, Wis. Cross-line buckle.....	849,486	Apr. 9	1748	353	127	2069
Mitchell, Harry R., North Yakima, Wash. Electric fixture.....	870,736	Nov. 12	1366	374	131	479
Mitchell, Henry S., Seattle, Wash., assignor to Allis-Chalmers Company, Milwaukee, Wis. Log-turner.....	863,929	Aug. 20	2857	786	129	3039
Mitchell, Hillard S. (See Pipkin and Mitchell.)						
Mitchell, Isaiah, Bell City, La. Traction-wheel.....	865,416	Sept. 10	1016	291	130	337
Mitchell, Isaiah N., Bell City, La. Antislipping device for traction-engines.....	865,417	Sept. 10	1018	291	130	338
Mitchell, James, Bonilla, S. D. Spring-tug for harness.....	866,501	Sept. 17	2677	749	130	901
Mitchell, James O., Basic City, Va. Gate-catch.....	842,685	Jan. 29	5934	1250	126	1660

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Mitchell, James R. (See Mitchell, Winfield J. and J. R.)						
Mitchell, John C., Newport News, Va., assignor to Lock Joint Pipe Company. Apparatus for making sectional pipes or conduits	852,029	Apr. 30	6728	1398-9	127	3439
Mitchell, John E., and D. Parks, assignors to Mitchell-Parks Manufacturing Co., St. Louis, Mo. Gravity molding apparatus	840,789	Jan. 8	2007	444	126	555
Mitchell, John F. (See Mitchell, William and J. F.)						
Mitchell, John F., Topeka, Kans. Fluid-pressure engine	855,799	June 4	681	139-40	128	1868
Mitchell, John H., New York, N. Y. Nautical velocipede	858,093	June 25	5220	1106	128	3117
Mitchell, John H., New York, N. Y. Fire apparatus	871,880	Nov. 26	3635	896-7	131	987
Mitchell, John R., Hill Top, W. Va. Car-coupling	849,412	Apr. 9	1577	320	127	2026
Mitchell, John R., assignor to Mitchell-Bissell Co., New York, N. Y. Guide	852,073	Apr. 30	6797	1415	127	3457
Mitchell, John R., assignor to Mitchell-Bissell Co., New York, N. Y. Guide for thread, yarn, &c.						
Mitchell, John T. H., Chicago, Ill. Combined letter-sheet and envelop. (Reissue)	855,325	May 28	5929	1237	128	1611
Mitchell, John T. H., Chicago, Ill. Advertising device	12,675	July 23	4517	1236	129	1585
Mitchell, John T. H., Chicago, Ill. Advertising device	861,747	July 30	5319	1467	129	1867
Mitchell, John T. H., Chicago, Ill. Advertising device	861,748	July 30	5320	1467	129	1867
Mitchell, John T. H., Chicago, Ill. Advertising device	861,749	July 30	5320	1468	129	1867
Mitchell, John T. H., Chicago, Ill. Advertising device	861,750	July 30	5321	1468	129	1867
Mitchell, La Fayette, and W. S. Ford, Nebo, Ill. Rail-tie	842,573	Jan. 29	5660	1197	126	1592
Mitchell, Malcolm E., assignor of one-half to J. J. Conroy, Taylor, Tex. Match-safe	843,685	Feb. 12	1690	359	126	2251
Mitchell, Melvin, and W. H. Taylor, Peoria, Ill., assignors to Kingman Plow Company. Cultivator	860,311	July 16	3065	839	129	1077
Mitchell, Ora E., Los Angeles, Cal. Dirigible headlight	866,502	Sept. 17	2678	749	130	901
Mitchell, Oscar T., et al. (See Jewell, John, assignor.)						
Mitchell-Parks Manufacturing Co. (See Lengfelder, Henry W., assignor.)						
Mitchell-Parks Manufacturing Co. (See Mitchell and Parks, assignors.)						
Mitchell Punctureless Pneumatic Tire Company. (See Mitchell, Winfield J. and J. R., assignors.)						
Mitchell Reversible Window Company. (See Wagner and Koch, assignors.)						
Mitchell, Robert C. (See Bjerregaard, August P., assignor.)						
Mitchell, Robert J. (See Smith, Joseph A., assignor.)						
Mitchell, Thomas W., Chicago, Ill. Conical-ring rod-packing	854,589	May 21	4446	924	128	1204
Mitchell, Walter A., Dundee, Scotland. Drum and such like vessel	861,751	July 30	5322	1468	129	1868
Mitchell, William, Chicago, Ill. Universal gland adjustment for stuffing-boxes	858,407	July 2	67	19	129	23
Mitchell, William and J. F., Milwaukee, Wis. Bench-drill	848,672	Apr. 2	102	22	127	1611
Mitchell, William H. (See Isaman and Mitchell.)						
Mitchell, William M., Louisville, Ky. Switch-point	859,404	July 9	1692	450	129	601
Mitchell, William W., New York, N. Y. Mat	866,378	Sept. 17	2520	702	130	850
Mitchell, Willis, Malden, Mass. Steam-generator	848,564	Mar. 26	5693	1246	127	1521
Mitchell, Willis, Malden, Mass. Burner	848,597	Mar. 26	5767	1259	127	1541
Mitchell, Willis, Malden, Mass. Self-heated soldering-iron	869,140	Oct. 22	3029	836	130	2311
Mitchell, Winfield J., Pittsfield, N. H., and J. R. Mitchell, Templeton, assignors to Mitchell Punctureless Pneumatic Tire Company, Swampscott, Mass. Vehicle-wheel	868,611	Oct. 15	2212	615	130	2035
Mitcheson, Ernest J., Toronto, Ontario, Canada. Merry-go-round	840,790	Jan. 8	2011	444	126	556
Mitchill, Joseph D., Apopka, Fla. Non-refillable bottle	855,800	June 4	684	140-1	128	1869
Mitred Box Company. (See Klein, Adolph, assignor.)						
Mitschow, Charles M., and S. J. Wintemute, Buffalo, N. Y. Rotary engine	864,019	Aug. 20	2975	821	129	3075
Mittelstrass, Carl, Hermsdorf, and A. Frank, Berlin, Germany, assignors to General Electric Company. Motor-controlling device	855,470	June 4	54	12	128	1708
Mittendorf, Charles C., St. Louis, Mo. Garbage-receptacle	845,964	Mar. 5	493	102	127	128
Mix, Edgar W., and P. Bunet, Paris, France, assignors to General Electric Company. Dynamo-electric machine	859,318	July 9	1551	414	129	557
Mix, Edgar W., Paris, France, assignor to General Electric Company. Insulating-stud and making the same	855,471	June 4	56	13	128	1708
Mizell, Hardy P., Waxahachie, Tex. Cotton-chopper	873,255	Dec. 10	1963	410	131	1509
Moat, Elijah, Los Angeles, Cal. Combination-tool	860,226	July 16	2941	803	129	1035
Mobley, Edwin H., Rutledge, Pa. Sound-box for talking-machines	855,326	May 28	5930	1237	128	1611
Mobley, Edwin H., Ardsley, assignor of one-half to Hawthorne & Sheble Manufacturing Company, Philadelphia, Pa. Sound-conveying device	868,612	Oct. 15	2214	615	130	2036
Mobley, Richard, St. Louis, Mo. Fastener for car-doors	846,125	Mar. 5	843	176	127	214
Mobley, Richard, assignor of one-half to Republic Railway Appliance Company, St. Louis, Mo. Car-door	846,594	Mar. 12	1783	393	127	483
Mobley, Richard, assignor of one-half to Republic Railway Appliance Company, St. Louis, Mo. Flush car-door	846,595	Mar. 12	1786	393	127	494
Mock, James C., Detroit, Mich. Time-lock mechanism	864,549	Aug. 27	3835	1063	129	3372
Mock, Obel H. (See Reynolds, Chauncey W., Jr., assignor.)						
Mockel, Victor, et al. (See Naujoks, Carl and F. C., assignors.)						
Model Glass Works. (See Scott, Alvin B. and O. J., assignors.)						
Model Incubator Company. (See Cyphers, Charles A., assignor.)						
Model, Johann M., Schweinfurt, Germany. Cago-ring for ball-bearings	851,019	Apr. 23	4617	968	127	2877
Modern Concrete Machine Company. (See Bowsher, Peter A., assignor.)						
Modern Machine Company. (See Curtis, Samuel, assignor.)						
Modjeski, Felix B., Chicago, Ill. Stairway	858,199	June 25	5408	1152	128	3164
Modrow, David. (See Comer and Modrow.)						
Moe, Charles, Chicago, Ill. Gem-displaying ring	873,156	Dec. 10	1767	372	131	1478
Moe, Gerhard, Ladysmith, Wis. Background for photographic measurements	865,418	Sept. 10	1019	291	130	338
Moe, Sivert. (See Walstead and Moe.)						
Moe, Sivert, Chicago, Ill., assignor to Troy Laundry Machinery Company, Limited, Troy, N. Y. Conveyor-stripper	865,263	Sept. 3	759	216	130	230
Moekel, William, Jersey City, N. J. Trolley	866,729	Sept. 24	3039	857	130	1049
Moeller, John C. (See Cooke and Moeller.)						
Moeller, William, Philadelphia, Pa. Clothes-line reel	872,838	Dec. 3	1098	230	131	1339
Moen, Andrew L., Forest City, Iowa. Scraper for disk harrows	861,236	July 23	4498	1233	129	1578
Moen, Marcus M., La Crosse, Wis. Adjustable door-frame	851,300	Apr. 23	5198	1091	127	3022
Moen, William E. (See Peterson and Moen.)						
Moerlein, George, Cincinnati, Ohio. Hair-crimper	861,752	July 30	5322	1469	129	1868
Moesinger, Traugott, Brooklyn, N. Y. Cigar-machine	867,825	Oct. 8	916	260-2	130	1613
Moeslein, Valentine, Weehawken, N. J. Ceiling construction	871,606	Nov. 19	3072	762	131	868
Moewes, Ernst, Stuttgart-Cannstatt, assignor to Daimler-Motoren-Gesellschaft, Unter-türkheim-Stuttgart, Germany. Hinged shaft-coupling	852,890	May 7	1070	220	128	273
Moews, Paul, Detroit, Mich. Fitting for eyeglasses	843,026	Feb. 5	377	83	126	1887
Moews, Paul, Detroit, Mich. Mounting for eyeglasses or spectacles	857,650	June 25	4288	906	128	2882
Moffat, William Y., and T. W. Butler, Dunmore, Pa. Steam-trap	843,686	Feb. 12	1691	359-0	126	2251
Moffitt, Frank A., Chicago, Ill. Tunneling apparatus	847,801	Mar. 19	4189	916-18	127	1113
Mogland, Nels F., assignor to Jones Improved Loose Leaf Specialty Company, Chicago, Ill. Binder	846,860	Mar. 12	2301	506	127	616

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Mogridge, William J., Spokane, Wash. Holder for telephone-receivers.....	862,497	Aug. 6	665	179	129	2294
Mohan, William E., St. Louis, Mo. Putlog-support.....	862,498	Aug. 6	666	179	129	2295
Mohawk Brush Company. (See Aufesser, Ferdinand M., assignor.)						
Mohler, Charles K., Chicago, Ill. Railway tie, beam, or post.....	872,956	Dec. 3	1340	283	131	1377
Mohler, George H., Fremont, Nebr. Air-pump.....	873,065	Dec. 10	1602	335	131	1450
Mohler, Levi D., McPherson, Kans. Stove or furnace attachment.....	850,171	Apr. 16	2991	627	127	2420
Mohme, Gustave, and A. V. Hadlock, Chicago, Ill. Tire-tool.....	875,093	Dec. 31	5716	1191	131	2207
Mohnike, Albert C., Yonkers, N. Y. Beam-compass.....	858,408	July 2	69	19	129	24
Mohns, Carl J., Chemnitz, assignor to Firm of Wanderer Fahrradwerke, vorm. Winkhofer & Jaenicke, A. G., Schöna, Saxony, Germany. Spacing mechanism for type-writers.	842,794	Jan. 29	6153	1298	126	1713
Mohns, Carl J., Chemnitz, assignor to Wanderer Fahrradwerke, vorm. Winkhofer & Jaenicke, A. G., Schöna, Saxony, Germany. Paper-guide.....	842,795	Jan. 29	6153	1298	126	1713
Mohns, Carl J., Chemnitz, assignor to Wanderer Fahrradwerke, vorm. Winkhofer & Jaenicke, A. G., Schöna, Saxony, Germany. Device for locking the key-levers in type-writing machines.....	842,796	Jan. 29	6154	1299	126	1713
Mohns, Carl J., Chemnitz, assignor to Wanderer Fahrradwerke, vorm. Winkhofer & Jaenicke, A. G., Schöna, Saxony, Germany. Tabulating device for type-writing machines.....	842,797	Jan. 29	6155	1299	126	1713
Mohr, August, Stuttgart, Germany. Building construction.....	850,948	Apr. 23	4498	941	127	2847
Mohr, Benjamin F., Millflin, Pa. Windmill.....	842,103	Jan. 22	4619	991-2	126	1290
Mohr, Diederich P., and J. A. Duvanel, Mackinaw, Ill. Harrow.....	872,957	Dec. 3	1342	283	131	1377
Mohr, Gottlieb, Cedarville, W. Va. Combined record-making and self-playing attachment for pianos.....	850,668	Apr. 16	3957	827-9	127	2674
Mohr, Jakob, New York, N. Y. Washboiler.....	870,572	Nov. 12	1098	301	131	388
Mohrbacher, Adolph, Cripple Creek, Colo. Adjustable drill-support.....	857,529	June 18	4044	861	128	2789
Mohrbacher, Godfrey L. (See Fling, Robert G., assignor.)						
Möhrling, Hermann, assignor to Commercial Firm "Carl Spiegel," St. Petersburg, Russia. Spring-washer.....	840,791	Jan. 8	2012	444	126	556
Moir, Ernest W., et al. (See Vandevort, Frank F., assignor.)						
Moir, Ernest W., London, England, assignor to S. Pearson & Son, Inc., Long Island City, N. Y. Means for lining tunnels.....	852,891	May 7	1071	220-1	128	274
Moisan, Joseph H., Chicago, Ill. Music-leaf turner.....	863,740	Aug. 20	2563	708	129	2947
Molas, Jean, assignor of one-half to J. A. Smeeton, London, England. Reversible turbine.....	857,090	June 18	3223	678	128	2582
Molck, Emil F., Sibley, assignor to Meadows Manufacturing Company, Meadows, Ill. End-gate seeding-machine.....	847,290	Mar. 12	3125	688-9	127	819
Moler, Jesse R., and R. G. Moser, Denver, Colo. Furnace attachment.....	864,666	Aug. 27	4016	1115	129	3426
Molesworth, Jehiel E. (See Horton and Molesworth.)						
Molière, James W., Oakland, Cal. Electrotherapeutical instrument.....	852,133	Apr. 30	6922	1445	127	3487
Moline, Charles A., Bancroft, Iowa. Propeller for boats.....	858,010	June 25	5044	1067	128	3072
Moline Plow Company. (See Lindgren, August, assignor.)						
Molitor, Charles, Chicago, Ill., assignor to J. H. McGill, Valparaiso, Ind. Incandescent-lamp guard.....	870,637	Nov. 12	1213	328-9	131	430
Molitor, Michael, Calvary, Wis. Grain-binder.....	851,825	Apr. 30	6265	1307	127	3323
Molitor, Michael, Calvary, Wis. Grain-guard.....	859,964	July 16	2535	688	129	902
Molkenbur, Henry F., St. Paul, Minn. Shoe-lace holder.....	841,419	Jan. 15	2676	707	126	922
Moll, Johann, Augsburg, Germany. Machine for treating cylindrical machine parts.....	847,426	Mar. 19	3425	751	127	922
Mollenbruck, Franz M. E. Von, Linz, Austria-Hungary. Manufacture of cement.....	844,530	Feb. 19	3375		126	2708
Möllenbruck, Wilhelm, and W. Dielmann, assignors to H. Peltzer, Düsseldorf, Germany. Carbon electrode for galvanic elements.....	870,985	Nov. 12	1791	487	131	610
Moller, Carl, Jacksonville, Fla. Lifting-machine.....	870,986	Nov. 12	1791	487-8	131	610
Möller, Fritz, Hamburg, Germany. Brake and buffer.....	857,651	June 25	4289	906	128	2882
Moller, Jacob A., Jr., New York, N. Y. Bottle-stopper.....	871,041	Nov. 12	1862	510	131	632
Möller, Johan P., assignor to Gloversville Silk Mills, Gloversville, N. Y. Glove-cutting die.....	872,666	Dec. 3	733	152	131	1283
Mollere, Mederic C., assignor of one-half to F. Ducos, Larose, La. Brier-hook.....	853,417	May 14	2111	440	128	573
Mollier, Walther, Hamburg, assignor to Siemens-Schuckert Werke Gesellschaft mit Beschränkter Haftung, Berlin, Germany. Apparatus for conveying loads between points of varying distance.....	854,052	May 21	3427	707	128	945
Molloy, Edmond, Philadelphia, Pa. Metallic structure.....	851,991	Apr. 30	6609	1377	127	3409
Molloy, Edmond, Philadelphia, Pa. Timber-roof structure.....	868,879	Oct. 22	2633	728	130	2188
Molloy, James T., Albion, Iowa. Cap for incubator-lamps.....	855,523	June 4	152	30	128	1733
Molloy, William J., Chicago, Ill. Gun-lock.....	868,681	Oct. 22	2336	646	130	2100
Moloney, Matthew R., Chicago, Ill. Splice-caller.....	852,283	Apr. 30	7179	1507	127	3552
Molony, Harry S. (See Dempster and Molony.)						
Molony, Harry S., assignor to Dempster Mill Manufacturing Company, Beatrice, Nebr. Regulating device for gas-engines.....	844,825	Feb. 19	4203	896	126	2909
Molony, William D., Oneida, Kans. Display-stand.....	873,881	Dec. 17	3219	686	131	1753
Moltrup, James T., Beaver Falls, Pa. Attachment for grinding-machines.....	867,991	Oct. 15	1232	340-1	130	1733
Molyneux Auto-Mailing Machine Company. (See Molyneux, Barton S., assignor.)						
Molyneux, Barton S., assignor to Molyneux Auto-Mailing Machine Company, Buffalo, N. Y., and Pierre, S. D. Automatic mailing-machine.....	871,133	Nov. 19	2043	554-5	131	710
Molyneux, Charles H., Rochester, N. Y. Eaves-trough support.....	873,578	Dec. 10	2608	550	131	1619
Molyneux, Charles H., and M. Braunstein, Rochester, N. Y. Hygienic telephone appliance.....	859,827	July 9	2313	629	129	802
Momand, Ragland, New York, N. Y., assignor to Consolidated Street Lighting Company. Street-lamp.....	872,958	Dec. 3	1344	284	131	1378
Mommertz, Peter, Marxloh, Germany. Pit-prop.....	844,385	Feb. 19	3065	656	126	2633
Monahan, Louis J., Oshkosh, Wis. Controller.....	859,186	July 2	1344	357	129	454
Monahan, Louis J., Oshkosh, Wis. Puzzle novelty.....	875,200	Dec. 31	5921	1234	131	2241
Monahan, Thomas M., assignor of one-half to J. B. Lindsey and C. B. Smith, Middleport, Ohio. Feed-water heater.....	869,212	Oct. 22	3133	863	130	2346
Monarch Acetylene Gas Company. (See Schlieder, Augustus E., assignor.)						
Monarch Brass Company. (See Fleischman and Jennings, assignors.)						
Monarch Coated Paper Company. (See Newbery, Reed, and Kuhlkin, assignors.)						
Monarch Manufacturing Company. (See Lewis, Lewis C., assignor.)						
Monarch Seal Company. (See Schmitt, Edward D., assignor.)						
Monarch Tile Company. (See Nicholls, William T., assignor.)						
Monarch Typewriter Company. (See Barney, Edwin E., assignor.)						
Monarch Typewriter Company. (See Buckwell, Arthur W., assignor.)						
Monarch Typewriter Company. (See Merritt, Henry W., assignor.)						
Monarch Typewriter Company. (See Mosher, Charles P., assignor.)						
Monarch Typewriter Company. (See Pool, Morris W., assignor.)						
Monarch Typewriter Company. (See Seib, George A., assignor.)						
Monarch Typewriter Company. (See Steele, Herbert H., assignor.)						
Monarch Typewriter Company. (See Woodhouse, William B., assignor.)						
Monarch Typewriter Company. (See Young, Frank A., assignor.)						
Monash-Younger Company. (See Leuthesser, Fred W., assignor.)						
Moncrief, Olin P., Trussville, Ala. Car-coupling.....	853,023	May 7	1341	279	128	340

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Moncus, Joseph G., Crowell, Tex. Shears.....	845,881	Mar. 5	314	62	127	81
Mond Nickel Company. (See Langer, Carl, assignor.)						
Mond, Robert. (See Rollason, Arthur, assignor.)						
Mond, Robert, London, England. Rotary engine.....	869,100	Oct. 22	2971	820-1	130	2295
Mondor, Hector J., Holyoke, Mass. Tire.....	842,798	Jan. 29	6157	1300	126	1714
Mondragon, Manuel, Tacubaya, Mexico. Firearm.....	853,715	May 14	2714	560-2	128	732
Monell, Ira F. (See Mills, Monell, and Herivel.)						
Monette, Arthur R., New York, N. Y. Street-sweeper.....	848,040	Mar. 26	4719	1028-9	127	1279
Monseuse, Elie J., New York, N. Y., assignor one-fourth to H. Hammond, Washington, D. C. Cooking stove or range.....	871,764	Nov. 19	3365	826	131	917
Monfalcone, Augustus, Newport News, Va. Sash-fastener.....	864,020	Aug. 20	2978	822	129	3075
Monfort, Abram C., Providence, R. I. Resilient-tired wheel for automobiles and other vehicles.....	868,207	Oct. 15	1544	438	130	1826
Mong, Urban, Tionesta, Pa. Sand-bailer.....	862,499	Aug. 6	667	179	129	2295
Mongardi, Giovanni, assignor of one-half to H. Fiorentini, Boston, Mass. Ham-compressing machine.....	849,008	Apr. 2	785	161	127	1787
Mongrain, Edward, assignor of one-half to T. Cunningham, East St. Louis, Ill., and C. P. Burgess, St. Louis, Mo. Machine for burring nuts.....	872,189	Nov. 26	4299	1026-7	131	1089
Monier, Gaston F. (See Pelletier and Monier.)						
Monin, Alfred, Lent, France. Loading or filling substance for use in the manufacture of paper.....	848,916	Apr. 2	636		127	1751
Monitor Drill Co. (See Beeman, Edwin R., assignor.)						
Monitor Drill Company. (See Brennan, Thomas, Jr., assignor.)						
Monitor Drill Company. (See Davis, Spencer E., assignor.)						
Monitor Manufacturing Company. (See O'Brien, William C., assignor.)						
Monkhouse, Joseph L., Guelph, Ontario, Canada. Axle-machine.....	842,225	Jan. 29	4908	1047	126	1397
Monks, Archibald G., Brookline, Mass. Grab.....	856,413	June 11	1942	399	128	2220
Monks, Archibald G., Brookline, Mass. Hoisting apparatus.....	873,157	Dec. 10	1768	372-3	131	1478
Monks, Daniel H., assignor of one-third to M. H. Hoyt, Fishkill-on-the-Hudson, N. Y. Valve mechanism for bottles.....	844,733	Feb. 19	4016	855	126	2859
Monnet, Fleury V. M., and E. J. A. Moyne, Paris, France. Machine for bending metallic tubes.....	847,094	Mar. 12	2757	609	127	726
Monnier, Joseph G. P. M., and A. M. Morin, Boulogne-sur-Seine, France. Carbureter.....	871,134	Nov. 19	2055	556	131	710
Monnog, Joseph. (See Todd, John W. L., assignor.)						
Monnot, John F., New York, N. Y. Making compound metal bodies.....	851,684	Apr. 30	5979	1249	127	3245
Monnot, John F., New York, N. Y. Furnace.....	851,992	Apr. 30	6612	1377	127	3410
Monnot, John F., New York, N. Y. Apparatus for coating metals.....	851,993	Apr. 30	6617	1378	127	3411
Monnot, John F., New York, N. Y. Producing compound metal bodies.....	853,716	May 14	2722	562	128	734
Monnot, John F., assignor to Duplex Metals Company, New York, N. Y. Apparatus for producing compound metal bodies.....	861,220	July 23	4474	1228	129	1570
Monnot, John F., New York, N. Y., and E. Martin, Paris, France; said Martin assignor to said Monnot. Making bimetallic products.....	853,932	May 14	3183	653	128	846
Monolith Steel Company. (See Golding, John F., assignor.)						
Monolithic Duct Company. (See Boyle, James M., assignor.)						
Monoman Typesetter Company. (See Brand, William E., assignor.)						
Monro, William E., London, England. Means for checking side slip of road-vehicles.....	869,640	Oct. 29	3847	1052-3	130	2591
Monroe, Charles H., assignor of two-thirds to W. E. Grinnell, Searsport, Me., and H. B. Black, Everett, Mass. Steam-engine.....	847,490	Mar. 19	3545	776	127	953
Monroe, Clarence, Loveland, Colo. Filter for coffee-pots.....	844,953	Feb. 19	4425	945	126	2964
Monroe, Dan C., Huntsville, Ala. Game apparatus.....	848,839	Apr. 2	484	95	127	1710
Monroe, Edward N., Unionville, Mo. Advertising device.....	866,379	Sept. 17	2521	702	130	850
Monroe, Isaac E., Combs, W. Va. Derrick.....	842,799	Jan. 29	6158	1300	126	1714
Monroe, John H., et al. (See Lyon, Henry C., assignor.)						
Monroe Novelty Company. (See Reynolds, William H., assignor.)						
Monson, August A., Minneapolis, Minn. Signaling apparatus for telephones.....	847,355	Mar. 19	3270	719	127	882
Monson, August A., Minneapolis, Minn. Automatic telephone-switchboard.....	847,356	Mar. 19	3273	719-20	127	882
Monson, August A., St. Paul, Minn. Automatic trunking device and selective signaling apparatus.....	848,120	Mar. 26	4848	1058-9	127	1311
Monson, Henry T., Mayville, N. D. Combined cultivator and planter. (Reissue).....	12,641	Apr. 23	5873	1227	127	3186
Monson, Henry T., Mayville, N. D. Planter.....	853,256	May 14	1791	373	128	486
Mont, Robert R., New York, N. Y. Match-safe.....	874,416	Dec. 24	4339	913	131	1962
Montague Compressed Air Company. (See Obear, Bryan, assignor.)						
Montague Compressed Air Company. (See Obear and Martin, assignors.)						
Montague, Robert L., et al. (See Gourdin, John K., assignor.)						
Montan, Adolf, and J. Seholm, Newark, N. J. Rotary explosive-engine.....	871,881	Nov. 26	3638	887	131	988
Montandon, Fritz, and N. Weil, La Chaux-de-Fonds, Switzerland. Plate for repeater-watches.....	865,632	Sept. 10	1395	395	130	455
Monte, Cipriano D., deceased, San Francisco, Cal.; V. J. Monte, administratrix. Apparatus for removing the skins of fruits and vegetables.....	858,094	June 25	5221	1107	128	3118
Monte, Cipriano D., deceased; V. J. Monte, administratrix, Woodland, Cal. Peeling of fruits and vegetables.....	858,095	June 25	5223	1107	128	3118
Monte, Virginia J., administratrix. (See Monte, Cipriano D.)						
Monteagle, Robert C., Winchester, Mass., assignor of one-half to J. Spiers, Jr., San Francisco, Cal. Water-tube boiler.....	864,323	Aug. 27	3449	960	129	3248
Montfort, William, Newburgh, N. Y. Multiple oiler.....	860,931	July 23	4029	1103	129	1424
Montgomery, Alpheus W., New York, N. Y. Fiber-cleaning machine.....	859,504	July 9	1827	492	129	645
Montgomery, David M., Fleetwood, Pa. Seam for ball-covers, &c.....	857,294	June 18	3603	763	128	2679
Montgomery, Frances B., Rochester, N. Y. Means for attaching buckles to belts or girdles.....	869,721	Oct. 29	3969	1097	130	2628
Montgomery, Henry C., Chicago, Ill. Valve.....	860,684	July 23	3652	1000	129	1304
Montgomery, James M., Berl, W. Va., assignor of one-half to F. W. Sine, Bond, Md. Combined burglar-alarm and sash-holder.....	854,958	May 28	5202	1084	128	1428
Montgomery, James P., assignor of forty-nine one-hundredths to G. L. Edwards, Wichita, Kans. Pump.....	845,965	Mar. 5	494	102	127	128
Montgomery, John, Toronto, Ontario, Canada. Car-door.....	846,126	Mar. 5	844	177	127	214
Montgomery, John A., Walton, N. Y. Pole and shaft for road-vehicles.....	867,992	Oct. 15	1233	341	130	1733
Montgomery, John E., Yost, Utah. Packing-nut for water and oil gages.....	871,607	Nov. 19	3073	763	131	868
Montgomery, John H., assignor of two-thirds to F. H. Ludington and F. Ord, St. Louis, Mo. Manufacturing metallic oxides.....	849,555	Apr. 9	1877	382	127	2102
Montgomery, Joseph H., Puerto de Luna, N. Mex. Ter. Wagon.....	846,229	Mar. 5	1027	220	127	261
Montgomery, Stanley L. (See Meacher and Montgomery.)						
Montie, John H., Turtle Creek, Pa. Pipe-coupling.....	841,881	Jan. 22	4205	907	126	1193
Montigny, Emile J., New York, N. Y. Shirt-waist-retaining belt.....	870,452	Nov. 5	917	248	131	300
Montrose, Alfred, et al. (See Montrose, Samuel T., assignor.)						
Montrose, Samuel T., New York, N. Y., assignor of three-fourths to C. R. Burnett and A. Montrose, Newark, N. J. Lock.....	853,717	May 14	2735	562	128	736
Montsabre, Philippe, Fresno, Cal. Rack traction-engine.....	865,605	Sept. 10	1325	376-9	130	431

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Montstream, John H. (See Hanson and Montstream)						
Moody, Edward W., Lewistown, Mont. Ditching-plow	855,720	June 4	526	110-11	128	1829
Moody, Henry T., assignor to Victor Manufacturing Company, Newburyport, Mass. Self-closing door or shutter	848,761	Apr. 2	277	56-7	127	1657
Moody, Thomas H., et al. (See Lee, Robert H., assignor.)						
Moody, Walter S., Schenectady, N. Y., assignor to General Electric Company. Transformer	840,150	Jan. 1	735	160	126	200
Moody, Walter S., Schenectady, N. Y., assignor to General Electric Company. System of motor control	853,820	May 14	2935	603	128	786
Moody, William O., and H. A. Simms, Chicago, Ill. Gondola-car stake	846,127	Mar. 5	846	177	127	215
Moers, Cully W., et al. (See Moers, Fred J., assignor.)						
Moers, Fred J., assignor of one-half to C. W. and P. L. Moers, Orofino, Idaho. Hair-pin	854,901	May 28	5109	1063	128	1405
Moers, Pearl L., et al. (See Moers, Fred J., assignor.)						
Moochan, Patrick H., Trenton, N. J., assignor of one-half to L. Roden, Philadelphia, Pa. Water-closet	870,896	Nov. 12	1634	447	131	561
Moomaw, Henry E., Chattanooga, Tenn. Adjustable fireplace grate-basket	849,077	Apr. 2	925	189	127	1824
Moon, Christopher C. (See Shank, Augustus W., assignor.)						
Moon, De Witt A. (See Christman and Moon.)						
Moon Desk Co. (See Gaaikema, William, assignor.)						
Moon, Frank A., and A. J. Cushman, Kalamazoo, Mich. Cigar-box	845,428	Feb. 26	5382	1142	126	3244
Moon-Hopkins Billing Machine Company. (See Hopkins, Hubert, assignor.)						
Moon-Hopkins Billing Machine Company. (See Hopkins, William W., assignor.)						
Moon, Richard, Homestead, Pa. Roll-housing	875,201	Dec. 31	5922	1234-5	131	2242
Moon, Thomas E., Sabina, Ohio. Pump	870,682	Nov. 12	1283	350	131	451
Mooney, George F., Philadelphia, Pa. Switch-operating mechanism	866,380	Sept. 17	2521	703	130	850
Mooney, Patrick J., Brazil, Ind. Foraminous-ledge stove	848,314	Mar. 26	5223	1140	127	1406
Mooney, Thomas, et al. (See Bearhope, George, assignor.)						
Mooney, Thomas H., Houston, Tex. Flexible stay-bolt	856,977	June 11	2986	626	128	2481
Mooney, William, Philadelphia, Pa. Vending-machine	856,278	June 11	1622	337	128	2138
Mooney, William A., et al. (See Bearhope, George, assignor.)						
Mooney, William T., Parsons, assignor of one-fourth to L. D. Gasteiger, Dobbin, W. Va. Propelling mechanism for boats	864,755	Aug. 27	4155	1153	129	3469
Moore, Aaron R., Emporia, Kans. Saddle-bags	843,349	Feb. 5	1039	214	126	2052
Moore, Alban S., London, England. Device for preventing slipping of motor-driven vehicles	868,208	Oct. 15	1545	439	130	1827
Moore, Alexander T., New Orleans, La. Glass-fastener	843,027	Feb. 5	378	83	126	1887
Moore, Alexander T., New Orleans, La. Sleeve-holder	843,226	Feb. 5	804	165	126	1998
Moore, Alexander T., New Orleans, La. Multiple gramophone	865,344	Sept. 3	906	259	130	273
Moore, Arabella E. (See Moore, James C. and A. E.)						
Moore, Arthur, War Eagle, W. Va. Dumping and distributing apparatus	846,596	Mar. 12	1789	394	127	485
Moore, Arthur, War Eagle, W. Va. Dumping apparatus	852,796	May 7	866	175-6	128	221
Moore, Benton, Cherryvale, Kans. Axle-bearing	850,774	Apr. 16	4148	867	127	2719
Moore, Charles H. (See Hammann and Moore.)						
Moore, Charles H., New York, N. Y. Waste-water trap	865,312	Sept. 3	843	243	130	256
Moore, Charles H., assignor of one-half to J. Bohn, Mobile, Ala. Engine	843,619	Feb. 12	1575	333	126	2221
Moore, Charles J., Lebanon, Ill. Shipping device for friction-clutches	868,108	Oct. 15	1407	395	130	1786
Moore, Charles M. (See Andrews, Charles M., assignor.)						
Moore, Charles N., Douglas, Ariz. Ter. Oil-burner	848,384	Mar. 26	5357	1167	127	1436
Moore, Charles P. and T. G., Ravenswood, W. Va. Adding-machine	865,200	Sept. 3	663	189	130	201
Moore, Charles R., Elmira, N. Y. Pump-governor	855,065	May 28	5427	1126	128	1486
Moore, Charles T., Whiteville, Tenn. Baling-press	860,146	July 16	2816	468	129	997
Moore, Charley P., Sardis, Tenn. Wire-stretcher	849,910	Apr. 9	2523	521	127	2267
Moore, Christopher W., Spring Valley, Wis. Mail-cabinet	875,366	Dec. 31	6249	1303	131	2293
Moore, Daniel M., Newark, N. J., assignor to Moore Electrical Company, New York, N. Y. Rotary vacuum-pump	846,933	Mar. 12	2451	537	127	652
Moore, Daniel M., Newark, N. J., assignor to Moore Electrical Co., New York, N. Y. Electric lighting	849,009	Apr. 2	786	161	127	1787
Moore, Daniel M., Newark, N. J., assignor to Moore Electrical Company, New York, N. Y. Vacuum-tube lighting	851,685	Apr. 30	5984	1249	127	3247
Moore, Daniel M., Newark, N. J., assignor to Moore Electrical Company, New York, N. Y. Vacuum-tube lamp	853,989	May 21	3299	679	128	916
Moore, Daniel M., Newark, N. J., assignor to Moore Electrical Company, New York, N. Y. Vacuum-tube lamp	854,104	May 21	3540	731	128	974
Moore, Daniel M., Newark, N. J., assignor to Moore Electrical Company, New York, N. Y. Vacuum-tube electric apparatus	854,300	May 21	3911	806-7	128	1072
Moore, Daniel M., Newark, N. J., assignor to Moore Electrical Co., New York, N. Y. Gas-valve	855,801	June 4	688	141	128	1870
Moore, Daniel M., Newark, N. J., assignor to Moore Electrical Co., New York, N. Y. Automatic gas-feed for vacuum-tube lamps	856,483	June 11	2065	425	128	2252
Moore, Daniel M., Newark, N. J., assignor to Moore Electrical Co., New York, N. Y. Automatic gas-feed for vacuum-tubes	856,484	June 11	2067	425	128	2252
Moore, Daniel M., Newark, N. J., assignor to Moore Electrical Company, New York, N. Y. Pressure-gage	869,925	Nov. 5	69	21	131	24
Moore, David P. (See Brown and Moore.)						
Moore, Edward, Syracuse, N. Y. Gas-engine	865,972	Sept. 10	1901	532	130	624
Moore, Edward C., Philadelphia, Pa. Go-cart	867,894	Oct. 8	1029	293	130	1646
Moore, Edward J., Cleveland, Ohio. Liquid-distributing means	867,586	Oct. 8	555	157	130	1504
Moore, Edward J., Cleveland, Ohio. Combination valve and meter	867,587	Oct. 8	556	157	130	1504
Moore, Edward Y., Cleveland, Ohio. Grapple	844,032	Feb. 12	2332	500	126	2410
Moore, Edward Y., Cleveland, Ohio. Locking mechanism for trolleys	870,305	Nov. 5	678	182	131	222
Moore, Edward Y., Cleveland, Ohio. Trolley-hoist	874,105	Dec. 17	3711	780-1	131	1824
Moore, Edward Y., Cleveland, Ohio. Trolley	874,367	Dec. 17	4230	891	131	1912
Moore Electric Cigar Lighter Company. (See Moore, James H., assignor.)						
Moore Electrical Company. (See Moore, Daniel M., assignor.)						
Moore, Elisha, Boston, Mass. Spring-hinge	848,673	Apr. 2	103	23	127	1611
Moore, Ethelbert A. (See Marwick, David B., assignor.)						
Moore, Eugene P., Streator, Ill. Combined wire stretcher and fastener	849,256	Apr. 2	1281	259-60	127	1915
Moore, Evan L. (See Perry, Manville E., assignor.)						
Moore, Frank M., Westfield, Mass. Acetylene-gas apparatus	841,803	Jan. 22	4037	871-2	126	1151
Moore, George, Granite Falls, Wash. Logging device	841,420	Jan. 15	3277	707	126	922
Moore, George, Boston, Mass. Eyeglass-fittings	869,587	Oct. 29	3758	1029	130	2565
Moore, George C., Revere, Mass. Loom	850,595	Apr. 16	3802	793-4	127	2633
Moore, George D., Worcester, Mass., assignor to Multiple Woven Hose & Rubber Co., New York, N. Y. Multiply fabric	848,121	Mar. 26	4853	1059	127	1312
Moore, George D., Worcester, Mass., assignor to Multiple Woven Hose & Rubber Co., New York, N. Y. Tubular fabric and making the same	848,189	Mar. 26	4957	1083	127	1339

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Moore, George H. and W. C., Morgantown, W. Va. Match-dispensing box.....	846,683	Mar. 12	1949	429	127	526
Moore, George N., assignor to J. Nathan, New York, N. Y. Bathing-chair.....	856,279	June 11	1623	338	128	2139
Moore, George W., Burlington, N. J. Skimming device for molten metals.....	848,840	Apr. 2	486	95	127	1710
Moore, Grant. (See Freebey and Moore.)						
Moore, Harry G. (See Thomas and Moore.)						
Moore, Harry P., Newburyport Mass. End cap for electric conduits.....	874,019	Dec. 17	3479	741	131	1797
Moore, Harry R., Wichita, Kans. Binder for loose-leaf ledgers.....	857,250	June 18	3508	742	128	2655
Moore, Harvey A., Cincinnati, Ohio. Device for braking cars.....	860,312	July 16	3067	839	129	1078
Moore, Hiram C., Springfield, assignor to M. A. Gilman, Westfield, Mass. Toy.....	861,753	July 30	5323	1469	129	1868
Moore, Horace E. (See Gaston and Moore.)						
Moore J. A., <i>et al.</i> (See Ray, Joseph C., assignor.)						
Moore, J. Earl. (See Matcovitch, Nicholas N. S., assignor.)						
Moore, James, Stratford, Conn., assignor of one-half to T. Fleming, Ottawa, Canada. Boot-hook.....	862,986	Aug. 13	1426	388	129	2557
Moore, James C., Philadelphia, Pa. Eyeglasses.....	843,089	Feb. 5	513	107	126	1925
Moore, James C., Philadelphia, Pa. Device for thawing hydrants and fire-plugs.....	865,927	Sept. 10	1831	512	130	602
Moore, James C. and A. E., Philadelphia, Pa.; said A. E. Moore assignor to said James C. Moore. Portable sick-room tent.....	842,800	Jan. 29	6160	1300	126	1715
Moore, James H., assignor to Moore Electric Cigar Lighter Company, Portland, Oreg. Cigar-lighter.....	846,684	Mar. 12	1950	429	127	526
Moore, James L., Atlanta, Ga. Winding-tool for coils.....	865,116	Sept. 3	543	152	130	165
Moore, James L., assignor to Kerr Turbine Company, Wellsville, N. Y. Turbine-shaft packing.....	845,701	Feb. 26	5917	1250	126	3377
Moore, James L., assignor to Kerr Turbine Company, Wellsville, N. Y. Steam-turbine.....	846,752	Mar. 12	2075	455	127	558
Moore, James L., assignor to Kerr Turbine Company, Wellsville, N. Y. Shaft-packing for steam-turbines.....	860,049	July 16	2681	729	129	952
Moore, Jefferson B. (See Nance, Joseph J., assignor.)						
Moore, Jesse C. (See Moore, William A. and J. C.)						
Moore, John, London township, Ontario, Canada. Tedder attachment to mowing-machines.....	841,166	Jan. 15	2779	606-7	126	796
Moore, John J., assignor of two-thirds to T. J. Rafferty and G. Green, Troy, N. Y. Metallic railway-tie.....	842,414	Jan. 29	5324	1129	126	1510
Moore, John M., Bridgeville, and F. F. Kamp, Jr., Lawrence, Pa. Railway-signal.....	870,453	Nov. 5	918	249	131	301
Moore, John N. B., Ipswich, England. Wheel for cycles, motor-cars, carriages, and other vehicles.....	857,091	June 18	3228	679	128	2583
Moore, John O., and J. I. Johnson, Culverton, Ga. Crate-body for wagons.....	855,721	June 4	529	111	128	1830
Moore, La Fayette, assignor to L. Moore Dry Kiln Company, Jacksonville, Fla. Dry-kiln.....	846,044	Mar. 5	658	138-9	127	168
Moore, Leo. (See Moskowitz, Rudolph, assignor.)						
Moore, Louis K., and G. J. Costello, Philadelphia, Pa. Drilling device.....	856,792	June 11	2653	546	128	2400
Moore, Marguerite E. (See Moore, Robert H. and M. E.)						
Moore, Marion, assignor of two-thirds to C. M. Rowlee and F. P. Barr, Lancaster, Ohio. Nut-lock.....	865,513	Sept. 10	1182	337	130	389
Moore, Milton A. (See Cottrell, Albert W., assignor.)						
Moore, Morris W., assignor to Atlantis Fountain Pen Company, Everett, Mass. Fountain-pen.....	856,082	June 4	1204	255	128	1996
Moore, Morris W., assignor to Atlantis Fountain Pen Company, Everett, Mass. Fountain-pen.....	874,897	Dec. 24	5270	1110	131	2116
Moore, Moses M., Chicago, Ill. Stand-pipe.....	845,312	Feb. 26	5166	1096	126	3193
Moore, Moses M., assignor to T. W. Snow, Chicago, Ill. Valve.....	851,365	Apr. 23	5327	1116	127	3053
Moore, Orlando, Visalia, Cal. Ironing-board.....	866,210	Sept. 17	2261	631	130	767
Moore, Orlando C., Morrow, Ohio. Self-feeder for corn-buskers.....	864,667	Aug. 27	4017	1115-16	129	3427
Moore, Otis E., <i>et al.</i> (See Neubauer, Carl E., assignor.)						
Moore, Otto N., Indianapolis, Ind. Advertising device.....	840,577	Jan. 8	1607	352	126	454
Moore, Otto N., Indianapolis, Ind. Fare-register.....	845,882	Mar. 5	314	63-5	127	81
Moore, Peter N. (See Hennessey and Moore.)						
Moore, Pusey W., Ann Arbor, Mich. Hay-press.....	863,302	Aug. 13	1927	520	129	2715
Moore, Ralph H. (See Arendt and Moore.)						
Moore, Richard H., Wakita, Okla. Knottor for harvesters.....	873,158	Dec. 10	1774	373	131	1479
Moore, Robert C. E., Booneville, Ind. Corn-harvesting machine.....	841,704	Jan. 22	3834	833-4	126	1099
Moore, Robert H. and M. E., New York, N. Y. Passenger-car.....	840,704	Jan. 8	1846	406	126	517
Moore, Roy, and R. L. Ferguson, Haran, Va. Penholder.....	849,911	Apr. 9	2524	521	127	2267
Moore, Silas C., South Omaha, Nebr. Controlling means for release-valves.....	848,598	Mar. 26	5769	1259	127	1541
Moore, Silas C., and C. C. Freeman, Omaha, Nebr. Vehicle-wheel.....	868,682	Oct. 22	2337	647	130	2101
Moore, Thomas C., Dublin, Ind. Lifting and carrying truck.....	864,902	Sept. 3	218	61	130	68
Moore, Thomas F., assignor to Whitehead & Hoag Company, Newark, N. J. Key-ring tag.....	843,958	Feb. 12	2204	471	126	2379
Moore, Thomas G. (See Moore, Charles F. and T. G.)						
Moore, Thomas J., New York, N. Y. Mausoleum.....	863,303	Aug. 13	1928	521	129	2715
Moore, Thomas J., New York, N. Y. Roof for mausoleums, vaults, and the like.....	863,930	Aug. 20	2858	786	129	3039
Moore, Thomas L., Cincinnati, Ohio. Autographic register.....	858,409	July 2	71	19-20	129	25
Moore, Wendell P., assignor to Ann Arbor Machine Company, Ann Arbor, Mich. Hay-press.....	860,557	July 16	3425	941	129	1196
Moore, William, Armour, S. D. Door-fastener.....	861,754	July 30	5324	1469	129	1868
Moore, William A. and J. C., assignors to Columbia School Supply Company, Indianapolis, Ind. Jolly balance.....	865,420	Sept. 10	1022	292	130	339
Moore, William C. (See Moore, George H. and W. C.)						
Moore, William C. (See Williamson and Moore.)						
Moore, William F., Owego, N. Y. Music-leaf turner.....	865,928	Sept. 10	1833	513	130	602
Moore, William H. (See Hockett, Aaron L., assignor.)						
Moore, William J., Washington, D. C. Safety-razor.....	856,793	June 11	2654	546	128	2401
Moore, James, Manchester, England. Magneto-electric dumb-bell.....	873,066	Dec. 10	1605	335	131	1450
Moore, James A. (See George, William T., assignor.)						
Moorhead, Albert L., Telluride, Colo. Metallic railway-tie.....	862,408	Aug. 6	505	135	129	2244
Moorhead, Albert L., Telluride, Colo. Metallic railway-tie.....	871,065	Nov. 12	1896	519	131	643
Moorhead, Dennis L., St. Louis, Mo. Aeroplane.....	865,419	Sept. 10	1021	292	130	339
Moorman, John B., Dayton, Ohio. Meat-compressor.....	859,505	July 9	1829	493	129	646
Moors, George A. (See Jean, Julius A., assignor.)						
Moorshead, Thomas C., Alton, Ill. Bottle carrying and distributing apparatus for glass-house leers.....	861,383	July 30	4761	1301-2	129	1697
Moos, Reinhold, Placerville, Cal. Food-mixer.....	874,524	Dec. 24	4567	958	131	1995
Moragne, Joseph H., Honolulu, Hawaii. Dirt-carrier.....	847,199	Mar. 12	2967	653-4	127	779
Moralt, August. (See Kratzer, Franz, assignor.)						
Moran, Daniel E., Mendham, N. J. Pile and forming and sinking it.....	858,742	July 2	655	173	129	226
Moran, Daniel E., Mendham, N. J., and J. W. Doty, New York, N. Y. Means for resisting lateral hydraulic pressures on power-houses and similar structures.....	864,383	Aug. 27	3539	982-4	129	3276

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Moran, John W., Adams, Mass. Electric warp stop-motion for looms.....	871,724	Nov. 19	3263	808	131	903
Moran, Léon, Plainfield, N. J. Amusement device.....	840,705	Jan. 8	1846	406	126	517
Moran, Thos. W., <i>et al.</i> (See Burdon, Willis C., assignor.)						
Morand, Le Roy, Newark, N. J. Advertising-holder.....	853,108	May 7	1488	310	128	376
Morange, Albert S., Stratford, Conn. Wrench.....	844,954	Feb. 19	4426	945	126	2964
Morden, Lucena M., Waterbury, Conn. Temporary binder.....	840,643	Jan. 8	1723	379	126	485
Morden, Lucena M., Waterbury, Conn. Book-ring with locking-arms.....	841,034	Jan. 8	2493	543	126	678
Morden, Lucena M., Waterbury, Conn. Temporary binder.....	841,705	Jan. 22	3836	834	126	1099
Morden, Lucena M., Waterbury, Conn. Book-ring with spring-hinged joint.....	841,706	Jan. 22	3837	834	126	1099
Morden, Lucena M., Waterbury, Conn. Ring-bending tool.....	844,885	Feb. 19	4318	921	126	2938
Morden, Lucena M., Waterbury, Conn. Temporary binder.....	845,883	Mar. 5	322	65	127	83
Morden, Lucena M., Waterbury, Conn. Hinged post for loose-leaf binders.....	846,230	Mar. 5	1028	220	127	262
Morden, Lucena M., Waterbury, Conn. Index clip and label.....	847,593	Mar. 19	3756	824	127	1010
Morden, Lucena M., Waterbury, Conn. Loose-leaf perforator.....	857,888	June 25	4746	1008	128	2995
Morden, Lucena M., Waterbury, Conn. Loose-leaf binder.....	868,683	Oct. 22	2338	647	130	2101
Morden, Lucena M., Waterbury, Conn. Key-ring.....	870,191	Nov. 5	499	136	131	163
Morden, Lucena M., Waterbury, Conn. Temporary binder.....	870,837	Nov. 12	1540	422	131	532
More, Richard T., Dayton, Ohio. Belt-cutter.....	852,340	Apr. 30	7276	1530	127	3575
Moreau, Joseph, St. Germain de Grantham, Quebec, Canada. Potato-digger.....	860,227	July 16	2942	803	129	1035
Morehead, Andrew J., Fostoria, Ohio. Fluid-pressure regulator.....	866,503	Sept. 17	2679	749	130	901
Morehead, J. Turner. (See O'Kelly, James M., assignor.)						
Morehead, James T. (See Roberts, Isaiah L., assignor.)						
Morehead, James T., Leakeville, N. C., assignor, by mesne assignments, to Willson Laboratory Company, New York, N. Y. Manufacture of phosphorus and calcium carbide.....	862,092	July 30	5854	1623	129	2035
Morehead, James T., assignor, by mesne assignments, to Willson Laboratory Company, New York, N. Y. Calcium-carbide product.....	862,093	July 30	5856		129	2035
Morehead, John. (See Purser, James E., assignor.)						
Morehouse, Aaron, assignor to F. A. Morehouse, Atlantic Highlands, N. J. Bottle-closure.....	870,243	Nov. 5	582	156	131	190
Morehouse, Aaron, assignor to F. A. Morehouse, Atlantic Highlands, N. J. Bill-file.....	870,244	Nov. 5	583	156	131	190
Morehouse, Cyrus E., Newark, N. J. Separable loose-leaf book or ledger and binder therefor.....	851,301	Apr. 23	5203	1091	127	3023
Morehouse, Eugene W., assignor to B. A. Ballou and Company, Inc., Providence, R. I. Spring-ring.....	846,597	Mar. 12	1792	395	127	486
Morehouse, Frank A. (See Morehouse, Aaron, assignor.)						
Morehouse, Fredrick E., Reynolds, Ind. Corn-planter marker.....	845,247	Feb. 26	5020	1068	126	3157
Morehouse Manufacturing Co. (See Heybach, Frederick J., assignor.)						
Morehouse, William H., Portland, Oreg. Hammock-support.....	857,819	June 25	4633	983	128	2969
Morel-Lautier, Alphonse, Grasse, France. Food product.....	845,472	Feb. 26	5489		126	3271
Morel, Louis A., Meaux, France. Obtaining dry gluten.....	864,978	Sept. 3	345	92	130	109
Moreland, Frank B., Indianapolis, Ind. Folding go-cart.....	871,608	Nov. 19	3073	763	131	868
Moreland, Philip, Gloucester, England, and O. H. Landvatter, assignors to Badische Maschinenfabrik und Eisengiesserei, vormals G. Sebold und Sebold & Neff, Durlach, Germany. Dipping device for match-making machines.....	869,641	Oct. 29	3849	1053	130	2592
Morenus, William H., Lake View, Iowa, and E. R. Jones, Harvey, assignors to Austin Manufacturing Company, Chicago, Ill. Conveyor.....	842,900	Feb. 5	113	27	126	1818
Morewood, William B. (See Nevins and Morewood.)						
Morey, Frank, Scafield, W. Va. Internal-combustion engine.....	855,256	May 28	5812	1211	128	1582
Morey, Frank N., Painesville, Ohio. Machine for drying and straightening veneer.....	839,868	Jan. 1	128	31-2	126	37
Morey, Myron, Milford, assignor to Draper Company, Hopedale, Mass. Shuttle-checking means for looms.....	871,429	Nov. 19	2710	686	131	809
Morey, William, Jr., New York, N. Y. Internal-combustion engine.....	857,410	June 18	3814	809	128	2731
Morey, Thorbie W., Columbus, Ohio. Nut-lock.....	860,758	July 23	3764	1032	129	1338
Morford, Isaac N., Waynesville, Ill. Wire-fence machine.....	851,955	Apr. 30	6541	1363	127	3392
Morgan, A. W. (See Finch, Abram, assignor.)						
Morgan, Albert A., <i>et al.</i> (See Abraham, Elias, assignor.)						
Morgan, Arthur S., St. Louis, Mo. Wrench.....	866,295	Sept. 17	2392	666	130	811
Morgan, Benjamin J., Bevier, Mo. Railway-switch.....	863,416	Aug. 13	2083	561	129	2767
Morgan, Benjamin W., Tampa, Fla., assignor to Simplex Press Company, Atlanta, Ga. Printing-press.....	853,590	May 14	2452	511	128	662
Morgan, Benjamin W., assignor to Simplex Press Company, Atlanta, Ga. Printing-press.....	858,743	July 2	657	173-4	129	227
Morgan, Charles H. (See Gifford, Albert J., assignor.)						
Morgan, Charles H., Worcester, Mass. Gas-engine.....	864,249	Aug. 27	3342	926	129	3216
Morgan, Charles H., and A. J. Gifford, Worcester, Mass., said Gifford assignor to said Morgan. Valve-gear for explosive-engines.....	844,458	Feb. 19	3200	690-1	126	2665
Morgan, Charles H., and A. J. Gifford, Worcester, Mass., said Gifford assignor to said Morgan. Gas-producer.....	852,516	May 7	274	50-1	128	75
Morgan Construction Company. (See Edwards, Victor E., assignor.)						
Morgan Construction Company. (See George, Jerome R., assignor.)						
Morgan Crucible Company. (See Speirs, Charles W., assignor.)						
Morgan, David G., and J. T. Porter, Jamestown, Cal. Drill-chuck.....	864,668	Aug. 27	4022	1116	129	3428
Morgan, David J. (See Gribben, John, assignor.)						
Morgan, Doctor F., Chicago, Ill. Damper-regulator.....	840,644	Jan. 8	1724	379	126	485
Morgan, Doctor F., Chicago, Ill. Air-valve.....	872,737	Dec. 3	883	184	131	1306
Morgan, Doctor F., Chicago, Ill. Combined vent and check valve.....	873,883	Dec. 17	3221	686	131	1753
Morgan, Earl L., St. Louis, Mo. Spring-wheel.....	858,817	July 2	802	209	129	279
Morgan, Edward W. (See Wood, William T., assignor.)						
Morgan, Elbert R., and C. A. Erickson, Forestgrove, Mont. Fire-escape.....	865,718	Sept. 10	1497	423	130	486
Morgan Engineering Company. (See Brosius, Edgar E., assignor.)						
Morgan Engineering Company. (See Morgan, William H., assignor.)						
Morgan Engineering Company. (See Taylor, Clarence L., assignor.)						
Morgan, Enos D., <i>et al.</i> (See Taylor, John S., assignor.)						
Morgan, Francis M., <i>et al.</i> (See Poe, George, assignor.)						
Morgan-Gardner Electric Company. (See Noble, Ralph E., assignor.)						
Morgan, George, assignor to C. C. Carter, Los Angeles, Cal. Imitation brick facing.....	872,003	Nov. 26	3926	946	131	1028
Morgan, George A. (See Lynch, John M., assignor.)						
Morgan, Gordon W., Salem, Va. Dental plate.....	869,191	Oct. 22	3103	854	130	2336
Morgan, Henry, Cripple Creek, Colo. Bottle-stopper.....	850,844	Apr. 16	4293	901	127	2756
Morgan, Henry A. and W. A., Birmingham, England. Mechanism for use in edging wall-paper.....	847,491	Mar. 19	3547	777	127	954
Morgan, Henry P. (See Hill and Morgan.)						
Morgan, Henry W., Rochester, N. Y. Machine for printing on boards.....	868,684	Oct. 22	2340	647-8	130	2001
Morgan, Jack C., Frankfort, Ky. Hasp.....	842,104	Jan. 22	4626	992	126	1292
Morgan, Jack C., Frankfort, Ky. Hasp.....	871,725	Nov. 19	3265	808	131	904
Morgan, James I., Dwight, Kans. Wagon-rack fastener.....	873,884	Dec. 17	3223	687	131	1753

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Morgan, Jesse, assignor of one-half to T. A. Boak, Hughesville, Pa. Attachment for turning-lathes.	850,035	Apr. 9	2715	570	127	2312
Morgan, John C., Polk county, N. C. Planter.	871,354	Nov. 19	2534	651-2	131	785
Morgan, John H., Harrogate, assignor to Leeds Stamping Company, Limited, London, England. Shelf-bracket.	852,975	May 7	1244	256	128	317
Morgan, Joseph J., and W. M. Hastings, Portsmouth, Ohio. Steam-boiler.	863,931	Aug. 20	2859	786	129	3039
Morgan, Lewis, assignor to F. H. Lamb, Hoquiam, Wash. Wire-connecting device.	842,325	Jan. 29	5115	1087	126	1450
Morgan, Lewis, assignor to F. H. Lamb, Hoquiam, Wash. Wire-tucker.	842,326	Jan. 29	5117	1088	126	1450
Morgan, Lewis N., <i>et al.</i> (See Borland, Franklin D., assignor.)						
Morgan, Martha, Hiawatha, Kans. Washing-machine.	866,047	Sept. 17	2026	565-6	130	693
Morgan, Robert, St. Paul, Minn. Railway-rail and chair therefor.	840,950	Jan. 8	2333	512	126	636
Morgan, Robert, assignor of one-half to E. E. Kolochney, Ellsworth, Kans. Piano-player.	856,794	June 11	2656	546-7	128	2401
Morgan, Robert, Ellsworth, Kans., assignor of one-half to J. S. Cox and I. C. McKallip, Pueblo, Colo. Crate.	844,955	Feb. 19	4428	946	126	2965
Morgan, Saxton J., and H. M. Whitcomb, Albany, Wis. Hot-air register.	863,037	Aug. 13	1504	408	129	2583
Morgan Spring Co. (See Bigelow, George E., assignor.)						
Morgan, Sylvester A., Indianapolis, Ind. Feed-water heater.	861,667	July 30	5196	1427	129	1832
Morgan, Thomas M., Longue Pointe, Quebec, Canada. Cement-kiln.	851,765	Apr. 30	6129	1281	127	3285
Morgan, Thomas M., Longue Pointe, Quebec, Canada. Method of and apparatus for burning cement.	860,685	July 23	3652	1001	129	1304
Morgan, Thomas W., assignor to W. W. Marsh, Waterloo, Iowa. Driving mechanism for centrifugal separators.	847,802	Mar. 19	4194	918	127	1114
Morgan, Thomas W., assignor to W. W. Marsh, Waterloo, Iowa. Spindle step-bearing.	847,803	Mar. 19	4195	918	127	1114
Morgan, Thomas W., assignor to W. W. Marsh, Waterloo, Iowa. Centrifugal cream-separator.	854,373	May 21	4037	834	128	1105
Morgan, Thomas W., assignor to W. W. Marsh, Waterloo, Iowa. Centrifugal cream-separator.	871,882	Nov. 26	3641	887	131	988
Morgan, Waitman M., Sheffield, Mo. Gear mechanism.	859,405	July 9	1693	451	129	601
Morgan, William, Fort Plain, N. Y. Flying-machine.	843,476	Feb. 5	1265	265-6	126	2109
Morgan, William A. (See Brown, Samuel J., assignor.)						
Morgan, William A. (See Morgan, Henry A. and W. A.)						
Morgan, William H., assignor to Morgan Engineering Company, Alliance, Ohio. Over-head traveling crane.	850,439	Apr. 16	3506	733-4	127	2558
Morgan, William S., Minneapolis, Minn. Clothes-drier.	845,248	Feb. 26	5021	1068	126	3157
Morgan, Windfrey S., Lewisville, Ark. Hand fertilizer-distributor.	856,485	June 11	2069	425	128	2252
Mori, Herman, Hartville, Ohio. Drain-tile.	855,652	June 4	395	83	128	1795
Moriarty, Patrick F., <i>et al.</i> (See McCarthy, John F., assignor.)						
Moriarty, Thomas J., Newport, R. I. Means for carrying and handling torpedoes on vessels.	868,613	Oct. 15	2215	615-16	130	2036
Moriarty, William, Bangor, Me. Combined paddle and pick-pole.	864,250	Aug. 27	3343	927	129	3217
Moriarty, William, Bangor, assignor to G. J. Maher, Millinocket, and G. S. Baker, Long A. township, Me. Device for hoisting and dropping dam-gates.	868,796	Oct. 22	2520	694	130	2155
Morin, Antoine M. (See Monnier and Morin.)						
Morin, George, Habana, Cuba. Telephone.	850,036	Apr. 9	2717	571	127	2313
Morin, George, Habana, Cuba. Telephone system.	871,726	Nov. 19	3266	808-10	131	904
Morin, Jean, Dayton, Ohio. Crushing-mill.	850,596	Apr. 16	3808	795	127	2635
Morison, Donald B., Hartlepool, England. Apparatus for separating oil and water from steam.	867,742	Oct. 8	778	218-19	130	1570
Morison, George S., Melbourne, Victoria, Australia. Brake-actuating appliance to operate when a vehicle leaves the track in railways.	869,795	Oct. 29	4076	1125	130	2658
Morison, William J. (See Clarkson and Morison.)						
Morisse, Lucien, Paris, France. Treatment of the milks or lactiferous juices of caoutchouc, gutta-percha, and balata and the like.	853,718	May 14	2737	.....	128	737
Morisse, Lucien, Paris, France. Direct utilization of the lactiferous juices of caoutchouc, gutta-percha, and balata.	859,611	July 9	1999	.....	129	701
Morith, Joseph G. (See Siegrist, Benjamin F., assignor.)						
Moriz, Maximilian, <i>et al.</i> (See Wheeler, Seth, assignor.)						
Mörk, Christen. (See Field and Mörk.)						
Mork, Harry S., assignor to Chemical Products Company, Boston, Mass. Cellulose ester.	854,374	May 21	4038	.....	128	1105
Morkert, Owen, Perry township, Tippecanoe county, Ind. Automatic railway-switch adjuster.	869,009	Oct. 22	2839	782-3	130	2254
Morlan, Ernest E., Garden City, Mo. Rifle-loader.	871,355	Nov. 19	2536	652	131	785
Morley, Charles R., Amsterdam, N. Y. Glove-tip-sewing machine.	875,586	Dec. 31	6672	1392-3	131	2363
Morley, Clarence J., <i>et al.</i> (See Canfield, Frank, assignor.)						
Morley, Edgar L. (See Hatzel and Morley.)						
Morley, Joseph D., Utica, N. Y., assignor to R. W. Scott, Leeds Point, N. J., and L. N. D. Williams, Ogontz, Pa. Trimming for the edges of fabrics.	849,693	Apr. 9	2115	435	127	2161
Morley Manufacturing Company. (See Cushman, Albert H., assignor.)						
Morley, William, Millvale, Pa. Carpenter's square.	846,495	Mar. 12	1559	345	127	426
Morlock, William M., Danbury, Conn. Hat-brim-stretching machine.	863,932	Aug. 20	2860	787	129	3040
Morpurgo, Giulio, assignor to Erste Triester-Reisschäl-Fabriks-Aktien-Gesellschaft, Trieste, Austria-Hungary. Manufacture of sizing or finishing media.	849,413	Apr. 9	1578	.....	127	2027
Morrall, Samuel E., assignor of one-half to W. W. Morrall, Morrall, Ohio. Can-filling machine.	860,313	July 16	3069	839-40	129	1079
Morrall, William W. (See Morrall, Samuel E., assignor.)						
Morran, John M., <i>et al.</i> (See Coyle, William, assignor.)						
Morrell, Thomas W., Bloomfield, N. J. Came.	873,067	Dec. 10	1606	336	131	1450
Morrell, William W., assignor of one-half to F. Rees, Meriden, Conn. Marking-pin.	875,094	Dec. 31	5717	1191	131	2207
Morrey, Edward, assignor of one-half to G. Flax, Paterson, N. J. Harness.	872,245	Nov. 26	4420	1050	131	1103
Morrill, George P., Canterbury, N. H. Ax and tool handle wedge.	859,965	July 16	2536	689	129	907
Morrill, Henry M. and F. A. Randall, Tekonsha, Mich. Combination farm-rack.	858,347	June 25	5683	1215	128	3239
Morrill, Horace E., Dayton, Ohio. Carriage-fender attachment.	859,237	July 9	1428	379	129	515
Morrill, Horace E., assignor to Dayton Malleable Iron Company, Dayton, Ohio. Wrench.	851,428	Apr. 23	5446	1141	127	3085
Morrill, Roland, Benton Harbor, Mich. Cattle-guard.	862,181	Aug. 6	111	30	129	2118
Morrill, William C., New York, N. Y. Wood block for flooring.	845,107	Feb. 26	4758	1009	126	3090
Morrin, Thomas F., deceased, Jersey City, N. J.; Thomas F. Morrin, Jr., administrator.	847,427	Mar. 19	3427	751-2	127	922
Morris, Albert W. (See Brinley and Morris.)						
Morris, Albert W., assignor of two-thirds to Stokes and Smith Co., Camden, N. J. Button-polishing machine.	858,615	July 2	440	115	129	154
Morris, Alfred D., Philadelphia, Pa. Metallic packing for rocking or rotating rods or shafts.	840,358	Jan. 1	1162	252	126	307
Morris, Charles A., Bloomfield, N. J. Ventilating tunnels.	855,118	May 28	5555	1153-4	128	1516
Morris, Charles A., Bloomfield, N. J. Apparatus for ventilating tunnels.	855,409	May 28	6072	1269-70	128	1646

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Morris, Charles E. (See Abbott and Morris.)						
Morris, Charles E., assignor of one-half to T. D. Morrow, Lane, Kans. Permutation-lock	861,531	July 30	4984	1369	129	1765
Morris County Machine & Iron Company. (See Shepherd, Joseph H., assignor.)						
Morris, Earl H., assignor of one-third to F. Graham, Ludlow, Ill. Whip-holder	841,560	Jan. 15	3532	764	126	989
Morris, Edgar T., Elburn, Ill. Gate-opener	851,020	Apr. 23	4618	968-9	127	2877
Morris, Edgar T., Elburn, Ill. Culvert-mold	859,681	July 9	2112	570	129	737
Morris, Edward. (See Miller and Morris.)						
Morris, Elmer P., East Orange, N. J. Catenary suspension-bracket for curves	864,251	Aug. 27	3344	927	129	3217
Morris, Elmer P., East Orange, N. J. Catenary suspension-bracket	864,252	Aug. 27	3345	927	129	3217
Morris, Emerson T., Derwent, Ohio. Clamp for cutters or bits of cutter-machines	847,680	Mar. 19	3947	861	127	1057
Morris, Frank, Alliance, Ohio. Resilient vehicle-tire	849,156	Apr. 2	2102	222	127	1871
Morris, Frank W., Victoria, British Columbia, Canada. Manufacture of white lead	871,947	Nov. 26	3775	918	131	1008
Morris, Frank W., Victoria, British Columbia, Canada. Manufacture of cyanid of potassium or sodium	871,948	Nov. 26	3777	918	131	1009
Morris, Franklin P., Murray, Okla. Ter. Wrench	844,886	Feb. 19	4319	921	126	2938
Morris, G. Alfred. (See Hughes and Young, assignors.)						
Morris-Hall Mail Closer Company. (See Hall, Louis J., assignor.)						
Morris, Henry G., Philadelphia, Pa. Mixing-machine	847,492	Mar. 19	3550	777-8	127	954
Morris, Henry G., Philadelphia, Pa. Centrifugal machine	850,241	Apr. 16	3132	655	127	2460
Morris, Hugh, Middletown, Ohio. Pipe-joint	872,442	Dec. 3	259	53	131	1209
Morris, James E., deceased. (See Loudenslager and Morris.)						
Morris, James H., et al. (See Tripp, James H., assignor.)						
Morris, James F., Philadelphia, Pa. Fountain-pen	873,769	Dec. 17	2985	633	131	1715
Morris, John B., et al. (See Hayward, Eugene, assignor.)						
Morris, John E., assignor of one-half to E. Glaze, Columbus, Ohio. Electrical switch	841,035	Jan. 8	2494	543	126	679
Morris, John H., Maquoketa, Iowa. Truck	845,966	Mar. 5	497	103	127	129
Morris, Joseph, North Wales, Pa., assignor to Dental Protective Supply Company of the United States, Chicago, Ill. Making artificial teeth	868,109	Oct. 15	1408	396	130	1786
Morris, Joseph, North Wales, Pa., assignor to Dental Protective Supply Company of the United States, Chicago, Ill. Artificial tooth	871,430	Nov. 19	2713	686	131	810
Morris, L. L., executor. (See Loudenslager and Morris.)						
Morris, Leonard D., Chicago, Ill. Pedal bass-organ	870,192	Nov. 5	500	136-7	131	164
Morris, Mary V., Point Marion, Pa. Shade and curtain holder	866,798	Sept. 24	3140	884	130	1081
Morris, Norval T., Marietta, Ohio. Syringe-nozzle	845,249	Feb. 26	5023	1069	126	3157
Morris, Oliver C., and I. Snow, Springfield, Mo. Razor-strop	864,479	Aug. 27	3685	1026	129	3327
Morris, Ora A., Salem, Ind. Coupling	856,795	June 11	2658	547-8	128	2401
Morris, Pinkney L., Wewahitchka, Fla. Shingling-gage	844,612	Feb. 19	3769	794	126	2797
Morris, Roy H., and E. E. Townsend, Oakland, Cal. Fastening device for pneumatic-tire protectors	872,246	Nov. 26	4422	1051	131	1107
Morris, Samuel, Newark, assignor of one-half to M. H. Neil, Columbus, Ohio. Car-coupling	846,128	Mar. 5	849	177	127	216
Morris, Thomas M., assignor of one-half to F. P. Lewis and E. H. Everit, New Haven, Conn. Automatic starting-box	874,898	Dec. 24	5271	1110-11	131	2116
Morris, Webster, et al. (See Tripp, James H., assignor.)						
Morris, William, et al. (See Tripp, James H., assignor.)						
Morris, William F., assignor of one-half to A. J. and A. B. Allen, Los Angeles, Cal. Frosting or icing pan	840,083	Jan. 1	586	127	126	156
Morris, William J., Waurika, Okla. Ter. Music-chart	856,358	June 11	1830	376	128	2192
Morris, William T., assignor of one-half to A. Blankenship, Cabot, Ark. Post-driver	864,181	Aug. 27	3232	896-7	129	3181
Morris, William W., Portland, Ind. Fan attachment for sewing-machines	862,577	Aug. 6	809	216	129	2334
Morish, Ray S., Flint, Mich. Car-truck	859,406	July 9	1695	451	129	602
Morrison, Alexander, Shoshone, Idaho. Measuring attachment for bottle-stoppers	852,074	Apr. 30	6798	1416	127	3457
Morrison, Andrew, Pittsburg, Pa. Metallic railway-tie and fastening	842,226	Jan. 29	4909	1047	126	1397
Morrison, Andrew, Pittsburg, Pa. Guard-rail system	850,536	Apr. 16	3693	772	127	2606
Morrison, Andrew, Pittsburg, Pa. Rail-joint	872,532	Dec. 3	466	97	131	1238
Morrison, Andrew, Pittsburg, Pa. Rolling tie-plates	875,202	Dec. 31	5923	1235	131	2242
Morrison, Andrew, Pittsburg, Pa. Guard-rail	875,203	Dec. 31	5925	1235	131	2242
Morrison, Andrew, Pittsburg, Pa. Insulated rail-joint	875,204	Dec. 31	5926	1236	131	2243
Morrison, Andrew, Coleman, Tex. Gage	849,155	Apr. 2	1101	221	127	1870
Morrison, Andrew, assignor to Dilworth, Porter & Company, Limited, Pittsburg, Pa. Tie-plate	852,284	Apr. 30	7180	1507	127	3552
Morrison, Andrew M., Dubuque, Iowa. Basin-trap	875,587	Dec. 31	6674	1393	131	2363
Morrison, Charles M., assignor to T. Hedinger, Jr., Philadelphia, Pa. Automatic sheet-gage for printing-presses	843,688	Feb. 12	1695	360-1	126	2252
Morrison, Edward G. (See Watts and Morrison.)						
Morrison, Edwin, Fort Collins, Colo., assignor to American Sugar Refining Company, Jersey City, N. J. Apparatus for making sucrate of lime	865,793	Sept. 10	1609	455-6	130	522
Morrison, Harry C. (See Daly and Morrison.)						
Morrison, James H., Dayton, Ohio. Pencil-sharpener	867,395	Oct. 1	255	74	130	1391
Morrison, John, Troy, N. Y. Making brushes	843,544	Feb. 5	1423	300	126	2148
Morrison, John C., New York, N. Y. Hat-fastener	855,013	May 28	5320	1105	128	1458
Morrison, John L., Joliet, Ill. Collapsible pail	855,963	June 4	1001	210	128	1946
Morrison, John R., Dallas, Tex., assignor of one-third to L. S. Morrison, Rome, Ga. Grip-creaser for printing-presses	842,686	Jan. 29	5935	1251	126	1660
Morrison, Joshua H., assignor to Connersville Motor Vehicle Company, Connersville, Ind. Power-transmission gear	843,687	Feb. 12	1693	360	126	2251
Morrison, L. S. (See Morrison, John R., assignor.)						
Morrison, Mackintosh M., Calumet, Mich. Forging-machine	840,578	Jan. 8	1608	352-3	126	455
Morrison, Montford P., Atlanta, Ga. Nut-lock	858,889	July 2	906	237	129	312
Morrison, Montford P., Atlanta, Ga. Rim and tire construction for vehicle-wheels	867,588	Oct. 8	558	157	130	1504
Morrison, Murdock, Chicago, Ill. Window-fastener	871,727	Nov. 19	3272	810	131	904
Morrison, O. J. (See Fisher, Hurley A. and J. P., assignors.)						
Morrison, Okey J. (See Sanford, Charles L., assignor.)						
Morrison, Vaughn, Wessington Springs, S. D. Automatic stop for railway-trains	872,141	Nov. 26	4211	1005	131	1074
Morrison, William, assignor, by mesne assignments, to Exmoor Storage Battery Company, Chicago, Ill. Storage-battery plate	842,801	Jan. 29	6161		126	1715
Morrison, William W. (See Aston and Morrison.)						
Morrison, Winfield S., San Francisco, Cal. Display-carton	866,211	Sept. 17	2262	631	130	768
Morrissey, John J., assignor of one-half to P. H. Rose, Providence, R. I. Chin-rest and shoulder-pad support	850,775	Apr. 16	4149	868	127	2719
Morrissey, John J., assignor of one-half to P. H. Rose, Providence, R. I. Chin-rest and shoulder-pad support	850,776	Apr. 16	4151	868	127	2719
Morrissey, Michael F. (See McMillin and Morrissey.)						
Morrissey, Patrick F., assignor of one-half to E. N. Elliott, Auburn, N. Y. Horse-re-leaser	858,890	July 2	908	237	129	313

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Morrow, Emma, Somerset, Ky. Baking-pan.	851,826	Apr. 30	6266	1307	127	3323
Morrow, John B., Pepperell, Mass. Brush-holder for paper-coating machines.	859,571	July 9	1941	523	129	682
Morrow, Mark. (See Orr, Francis L., assignor.)						
Morrow, Thomas D. (See Morris, Charles E., assignor.)						
Morrow, William E., Steubenville, Ohio. Paper-bag holder.	853,185	May 7	1619	338	128	408
Morrow, William L., Stockton, Cal. Double-crank joint.	845,090	Feb. 5	513	107	126	1925
Morrow, William L., Stockton, Cal. Gas-engine.	869,253	Oct. 29	3208	883	130	2396
Morrow, William L., Stockton, Cal. Double two-cycle engine.	869,503	Oct. 29	3620	992	130	2522
Mors, Emile L. P., assignor to Société Anonyme d'Electricité et d'Automobiles Mors, Paris, France. Universal joint.	842,105	Jan. 22	4627	992	126	1293
Morse, Arthur J., assignor of one-half to A. P. Hine, Torrington, Conn. Clutch.	849,487	Apr. 9	1749	354	127	2069
Morse, Arthur J., assignor of one-half to A. P. Hine, Torrington, Conn. Roller-bearing.	849,488	Apr. 9	1750	354	127	2070
Morse, Arthur J., assignor of one-half to A. P. Hine, Torrington, Conn. Transmission-gear.	864,903	Sept. 3	220	61	130	68
Morse, Arthur J., assignor of one-half to A. P. Hine, Torrington, Conn. Transmission-gearing.	864,904	Sept. 3	222	61	130	70
Morse, Arthur J., assignor of one-half to A. P. Hine, Torrington, Conn. Transmission-gearing.	864,905	Sept. 3	225	62	130	71
Morse, Arthur J., assignor of one-half to A. P. Hine, Torrington, Conn. Transmission-gear.	864,906	Sept. 3	228	62	130	72
Morse, Clyde S., Shabbona, Ill. Hasp-fastener.	843,350	Feb. 5	1041	214	126	2052
Morse, Clyde S., Shabbona, Ill. Sliding-door fastener.	846,129	Mar. 5	850	178	127	216
Morse, Clyde S., Shabbona, Ill. Vehicle-wheel.	849,849	Apr. 9	2422	494	127	2240
Morse, Edwin K., Pittsburg, Pa. Railway-track construction.	871,232	Nov. 19	2255	594	131	743
Morse, Frank H. G., Malden, Mass. Receptacle-opener.	856,280	June 11	1624	338	128	2139
Morse, Frank H. G., Cambridge, Mass. Box.	856,281	June 11	1626	338	128	2139
Morse, Frederick H., Milwaukee, Wis. Ground-marker and trip-actuator.	843,162	Feb. 5	657	138	126	1961
Morse, George H., Lincoln, Nebr. Calculating-machine.	861,303	July 30	4621	1263-4	129	1653
Morse, Harvey P., Dundee, Mich. Fence-post.	841,036	Jan. 8	2497	543-4	126	679
Morse, Henry G., deceased; M. K. Morse, executrix, Philadelphia, Pa., assignor to New York Shipbuilding Company, Camden, N. J. Punching-machine.	840,859	Jan. 8	2135	470-3	126	586
Morse, Henry G., deceased; M. K. Morse, executrix, Philadelphia, Pa., assignor to New York Shipbuilding Company, Camden, N. J. Drilling-machine.	842,227	Jan. 29	4910	1047-8	126	1397
Morse Iron Works. (See Morse, Thomas G., assignor.)						
Morse, Lester L., San Francisco, Cal. Seed-display rack.	855,862	June 4	816	170	128	1900
Morse, Mary K., executrix. (See Morse, Henry G.)						
Morse, Orson A., assignor to N. H. Peppler, Arlington, N. J. Velocipede.	873,885	Dec. 17	3224	687	131	1754
Morse, Rudolph F., Providence, R. I. Post-card album.	858,891	July 2	909	237	129	313
Morse, Thomas G., assignor to Morse Iron Works, Erie, Pa. Tapping mechanism.	867,923	Oct. 8	1076	305	130	1662
Morse Twist Drill and Machine Company. (See Haber, Eugene, assignor.)						
Morse, Walter G., Waterbury, Conn. Pipe-cap.	840,792	Jan. 8	2013	445	126	557
Mortensen, Hans J., assignor of one-half to H. P. Stewart, Baltimore, Md. Guard for non-refillable bottles.	874,020	Dec. 17	3480	741	131	1797
Mortimore, Walter E. G., Gosport, England. Bolt for fixing railway chairs, rails, and the like.	874,611	Dec. 24	4727	993	131	2024
Morton, Baxter, New York, N. Y. Tripper or deliverer for belt conveyers.	840,579	Jan. 8	1610	353	126	455
Morton, Baxter, New York, N. Y. Necktie.	845,108	Feb. 26	4759	1009	126	3090
Morton, Ephraim S., Brockton, Mass. Last-thimble.	845,109	Feb. 26	4760	1009	126	3090
Morton, Frank M., Columbus, Ga. Truck.	873,159	Dec. 10	1775	373	131	1479
Morton, Fred B., Pasadena, Cal. Drainage-fitting.	848,259	Mar. 26	5086	1112	127	1371
Morton, George L., Sutton Coldfield, England. Producer-gas plant.	871,810	Nov. 26	3475	851-2	131	962
Morton, Gouverneur W., assignor of one-fourth to Chandlee & Chandlee, Washington, D. C. Aerial toy.	862,094	July 30	5857	1623-4	129	2035
Morton, H. X., Jr. (See Wysor, George W., assignor.)						
Morton, Henry E. (See Morton, Matthew and H. E.)						
Morton, John G., South Boston, Mass. Machine for molding plastic materials.	859,506	July 9	1830	493	129	646
Morton, Joseph, Lindon, Utah. Sliding-jaw wrench.	853,369	May 14	2035	421	128	554
Morton, Joseph C., assignor of one-half to O. P. Cassity, Eldorado Springs, Mo. Vehicle-body brace.	866,730	Sept. 24	3040	857	130	1049
Morton, Llewellyn. (See Davis, John P., assignor.)						
Morton, Marshall J. (See Ross and Morton.)						
Morton, Matthew and H. E., Muskegon, Mich. Shaper for crowning and finishing driving-boxes on locomotives, &c.	848,190	Mar. 26	4958	1083-4	127	1339
Morton, Matthew and H. E., Muskegon, Mich. Attachment for draw-cut shapers.	848,191	Mar. 26	4962	1085	127	1340
Morton, Matthew and H. E., Muskegon, Mich. Apparatus for holding connecting-rod brasses for locomotives, &c.	848,192	Mar. 26	4964	1086	127	1340
Morton, Matthew and H. E., Muskegon Heights, Mich. Work-holder for shapers or planers.	855,583	June 4	265	54	128	1763
Morton, Matthew and H. E., Muskegon Heights, Mich. Work-holder for shapers or planers.	862,926	Aug. 13	1336	365	129	2529
Morton, Matthew, and H. Mann, Muskegon Heights, Mich. Scribing device.	848,193	Mar. 26	4966	1086	127	1341
Morton, Thomas, Crompton, R. I. Rotary cutter-shaft for pile-cutting machines.	857,356	June 18	3717	785	128	2707
Morton, Thomas A. (See Hubbard and Morton.)						
Morton, Thomas S., Quincy, Ill. Lock.	846,231	Mar. 5	1031	221	127	262
Morton, Walter S., Upper Sandusky, and M. W. Kouns, Columbus, assignors to Ohio Manufacturing Company, Upper Sandusky, Ohio. Reversible transmission-gear.	865,201	Sept. 3	666	189-90	130	202
Morton, William. (See McCoy and Morton.)						
Morton, William A., Los Angeles, Cal. Insulator.	866,596	Sept. 17	2822	791	130	944
Moscicki, Ignacy, Fribourg, Switzerland. Electric condenser.	854,662	May 21	4574	955	128	1237
Moscovitz, Isidor S., New York, N. Y. Amusement device.	845,967	Mar. 5	498	103	127	129
Moscovitz, Isidor S., New York, N. Y. Waxless flask.	861,598	July 30	5093	1397	129	1801
Moseley, Frederick W., St. Hyacinthe, Quebec, Canada. Game device.	857,411	June 18	3816	809	128	2731
Moser, Aurelius B., Los Angeles, Cal. Switch-stand.	874,785	Dec. 24	5069	1067-8	131	2082
Moser, Frank W. (See Brown, William A., assignor.)						
Moser, Fred J., Kane, Pa. Raising liquids from wells.	850,037	Apr. 9	2719	571	127	2313
Moser, Fritz, St. Aubin, Switzerland. Internal-combustion engine.	872,571	Dec. 3	547	112-13	131	1250
Moser, Ralph G. (See Moler and Moser.)						
Moses, Bertram, assignor of one-half to A. C. Brainard, Jennings, La. Locking device for umbrellas.	841,421	Jan. 15	3279	707	126	923
Moses, Herbert B., New York, N. Y. Hose-supporter.	857,251	June 18	3510	742	128	2655
Moses, Joseph, Toronto, Ontario, Canada. Display-sign.	871,289	Nov. 19	2391	620	131	762
Moses, Merton L., Portland, Oreg. Alternating gearing.	852,394	Apr. 30	7403	1553-4	127	3607
Mosher, Asa H., Westfield, N. J. Rail-bond.	872,142	Nov. 26	4212	1005	131	1074
Mosher, Charles D., New York, N. Y. Steam-generator.	864,853	Sept. 3	143	40	130	45
Mosher, Charles D., New York, N. Y. Steam-boiler.	872,077	Nov. 26	4090	979	131	1053

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Mosher, Charles P., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.	843,545	Feb. 5	1424	300	126	2148
Mosher, Clarence H., Salisbury Mills, N. Y. Lawn-cleaner.	850,777	Apr. 16	4154	868-9	127	2720
Mosher, David. (See Ludlow and Mosher.)						
Mosher, John A., Park Ridge, Ill., assignor to Adams & Westlake Company. Lamp-burner.	851,827	Apr. 30	6267	1307	127	3323
Mosher, John A., Chicago, Ill., assignor to Adams & Westlake Company. Rotary engine.	864,979	Sept. 3	347	92-3	130	109
Mosher, Walter R., Granville, N. Y. Grain-bag holder.	857,820	June 25	4634	983	128	2969
Moshier, James W., Bristol, assignor to Chase Rolling Mill Co., Waterbury, Conn. Cylinder for treating heated metal.	844,285	Feb. 12	2847	607	126	2539
Moskau, Rudolph, Jersey City, N. J. Shutter-operator.	871,609	Nov. 19	3075	764	131	869
Moskowitz, Louis. (See Stern, Maurice, assignor.)						
Moskowitz, Morris, assignor to United States Light & Heating Company, New York, N. Y. Power transmission.	844,165	Feb. 12	2579	552	126	2470
Moskowitz, Morris, assignor to United States Light & Heating Company, New York, N. Y. Electric regulation.	875,205	Dec. 31	5928	1236	131	2243
Moskowitz, Rudolph, assignor to L. Moore, South Bend, Ind. Laundrying device.	847,493	Mar. 19	3551	778	127	955
Mosler, Moses, New York, N. Y., assignor to Mosler Safe Company, Hamilton, Ohio. Round-door safe.	848,674	Apr. 2	105	23	127	1612
Mosler, Moses, New York, N. Y., assignor to Mosler Safe Company, Hamilton, Ohio. Safe or vault.	862,268	Aug. 6	266	76	129	2165
Mosler Safe Company. (See Mosler, Moses, assignor.)						
Mosley, Thomas, Lawton, Okla. Ter. Stovepipe-lock.	855,327	May 28	5933	1238	128	1612
Mosman, Charles F., assignor to Burns, Silver & Co., Bridgeport, Conn. Furniture-caster.	870,791	Nov. 12	1465	396	131	508
Mosman, Charles T., Schenectady, N. Y., assignor to General Electric Company. Means for protecting dynamo-electric machines.	863,201	Aug. 13	1773	477	129	2670
Moss, Augustus L., Sandusky, Ohio. Wrench.	858,892	July 2	911	238	129	313
Moss, Augustus L., Sandusky, Ohio. Sanding device for motor-vehicles.	858,893	July 2	911	238	129	314
Moss, Augustus L., Sandusky, Ohio. Wrench.	858,894	July 2	913	239	129	314
Moss, Augustus L., Sandusky, Ohio. Automobile-chair.	872,247	Nov. 26	4423	1051	131	1108
Moss, Benjamin B., St. Louis, Mo., assignor of one-half to J. M. Davis, Lorain, Ohio. Caramel-wrapping machine.	855,119	May 28	5559	1154-6	128	1517
Moss, Henry, Bury, England. Appliance for catching flies.	863,038	Aug. 13	1305	408	129	2583
Moss, James, Manchester, England. Means for gripping and coupling wire ropes, rods, &c.	874,417	Dec. 24	4343	913	131	1962
Moss, John I., assignor of one-half to W. D. Beazley, Abbotsford, Victoria, Australia. Self-locking window-fastener.	852,517	May 7	276	51	128	76
Moss, Leon F. (See Bell, Walter J., assignor.)						
Moss, Lincoln. (See Baldwin and Moss.)						
Moss, Lincoln, New York, N. Y. Hoisting apparatus.	849,078	Apr. 2	927	189-90	127	1824
Moss, Lincoln, New York, N. Y. Hoisting apparatus.	863,203	Aug. 13	1777	478	129	2670
Moss, Lincoln, assignor to Robins Conveying Belt Company, New York, N. Y. Hoisting apparatus.	849,257	Apr. 2	1283	260	127	1916
Moss, Lincoln, assignor to Robins Conveying Belt Company, New York, N. Y. Tripper or deliverer for conveying apparatus.	863,202	Aug. 13	1774	477	129	2670
Moss, Myer, assignor to A. Knickie, Lunenburg, Nova Scotia, Canada. Wrist-protector.	856,282	June 11	1628	338	128	2140
Moss, Turner A., Baltimore, Md. Machine for mortising window-frames for sash-pulleys.	851,244	Apr. 23	5076	1068	127	2989
Moss, William B., Lancaster, Ky. Thinner.	840,229	Jan. 1	892	192	126	241
Mossberg, Frank, Attleboro, Mass. Reel.	851,366	Apr. 23	5328	1117	127	3053
Mossberg, Frank, Attleboro, Mass. Reel.	851,367	Apr. 23	5330	1117	127	3054
Mossberg, Frank, Attleboro, Mass. Reel.	851,368	Apr. 23	5331	1118	127	3054
Mossberg, Oscar F., assignor to J. Stevens Arms & Tool Company, Chicopee Falls, Mass. Breech-loading firearm.	840,507	Jan. 8	1456	321	126	418
Mosteller, Dosier H., assignor to Mosteller Manufacturing Company, Chicago, Ill. Ice-cream spoon.	864,550	Aug. 27	3837	1063	129	3372
Mosteller Manufacturing Company. (See Mosteller, Dosier H., assignor.)						
Motherwell, David M., Chicago, Ill., assignor to Whitman & Barnes Manufacturing Co., Akron, Ohio. Traveling carrier.	845,884	Mar. 5	323	65-7	127	83
Motherwell, David M., Chicago, Ill., assignor to Whitman & Barnes Manufacturing Company, Akron, Ohio. Lawn-edge trimmer and trench-cutter.	861,304	July 30	4623	1264	129	1654
Motherwell, David M., Chicago, Ill., assignor to Whitman & Barnes Manufacturing Company, Akron, Ohio. Hay-carrier.	867,589	Oct. 8	560	158-9	130	1505
Mothes, Georg, Rütterscheid, near Essen-on-the-Ruhr, assignor to Fried. Krupp, Essen-on-the-Ruhr, Germany. Production of globoidal worm-wheels.	852,736	May 7	729	142-3	128	191
Motorluftschiff-Studiengesellschaft M. B. H. (See Parseval, August von, assignor.)						
Mott, Abram C., Philadelphia, Pa. Hot-air furnace.	873,449	Dec. 10	2339	491-2	131	1574
Mott, John F., Cleveland, Ohio. Horse-collar.	856,649	June 11	2388	492	128	2332
Motter, Elmer E., Tippecanoe City, Ohio. Table article.	860,759	July 23	3765	1032	129	1338
Motter, Elmer E., Tippecanoe City, Ohio. Machine for cutting fat and other substances.	862,927	Aug. 13	1337	365	129	2529
Motter, Elmer E., Tippecanoe City, Ohio. Fat-cutting machine.	873,256	Dec. 10	1963	410-11	131	1510
Mottier, Walter F., Gibson City, Ill. Hydraulic motor.	870,379	Nov. 5	818	217	131	269
Motz, Heinrich, and E. Müller, Düsseldorf, assignors to Rheinische Metallwarennud Maschinen Fabrik, Düsseldorf-Derendorf, Germany. Fluid-recoil brake for guns.	856,174	June 4	1394	294	128	2044
Mouat, William, Detroit, Mich. Soil-pipe fitting.	860,050	July 16	2683	730	129	953
Mouch, Charles W. (See Maus, Frederick P., assignor.)						
Mouchet, Jules M. (See Clark, George W., assignor.)						
Moudy, George W. (See Van Wormer and Moudy.)						
Moukos, Charles. (See Matchette and Moukos.)						
Moul, Martin, Hanover, Pa. Journal for winding bobbins.	864,429	Aug. 27	3602	1000	129	3297
Moul, Martin, Hanover, Pa. Controlling means for take-ups for looms.	867,287	Oct. 1	89	27	130	1341
Mouls, Joseph A., Laifite, France. Basket, hamper, &c.	844,826	Feb. 19	4204	896	126	2909
Moulton, Delos, assignor of one-half to I. H. Warren, Elgin, Ill. Nozzle.	867,521	Oct. 1	444	127	130	1453
Moulton, Edgar S., Central City, Colo. Roller-mill.	866,799	Sept. 24	3141	884-5	130	1081
Moulton, Edward C. (See Brenizer, Clarence W., assignor.)						
Moulton, Flora G., Chicago, Ill. Attachment to telephone-transmitters.	849,745	Apr. 9	2202	453	127	2182
Moulton, Ida M. (See Locke, Warren E., assignor.)						
Moulton, Walter E., assignor to Moulton Wireless Umbrella Company, Plain City, Ohio. Umbrella.	843,477	Feb. 5	1266	266	126	2109
Moulton Wireless Umbrella Company. (See Moulton, Walter E., assignor.)						
Mounce, Wilau E., and S. L. Southern, Alberta, La. Cotton-chopper.	848,385	Mar. 26	5359	1167	127	1437
Mound City Roofing Tile Company. (See Johnston, Edward E., assignor.)						
Mouneyrat, Antoine, Paris, France. Burner for heating and lighting.	871,728	Nov. 19	3273	810	131	904
Mount, Timothy S., Rome, Tex. Telephone-switch.	851,994	Apr. 30	6619	1378	127	3412
Moureu, Charles, Paris, France. Acetylene carbonic-acid derivative.	843,289	Feb. 5	936	126	2029	
Moureu, Charles, Paris, France. Acetylene carbonic-acid derivative.	843,290	Feb. 5	938	126	2029	
Mourne, John E., and H. J. Tinsley, Chillicothe, Ohio. Reservoir-bleeder.	846,232	Mar. 5	1031	221	127	262
Mouser, Robert H., Jr., Crown, Tex. Seeder.	842,228	Jan. 29	4914	1048	126	1398
Moussette, Oliver J., Brooklyn, N. Y. Crusher and pulverizer.	860,404	July 16	3211	878	129	1126

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Mowat, Oliver M., McKeesport, assignor to National Tube Company, Pittsburg, Pa. Tap-grinding machine.....	856,978	June 11	2987	626	128	2482
Mowbray, James W., Stratford, Ontario, Canada. Snow-plow.....	858,616	July 2	442	115-16	129	154
Mowbray, William J., New York, N. Y. Meter.....	858,011	June 25	5046	1067	128	3073
Mowbray William J., Brooklyn, N. Y., assignor to General Electric Company. Electric meter.....	860,987	July 23	4140	1134	129	1462
Mower, Charles H., London, England. Junction-piece for branches of air-conduits and the like.....	862,649	Aug. 6	917	246	129	2368
Mower, Eugene B., and E. Johnson, Minneapolis, Minn. Non-collapsible float.....	841,334	Jan. 15	3111	672	126	880
Mower, Eugene B., and E. Johnson, Minneapolis, Minn. Non-collapsible float.....	863,623	Aug. 20	2410	662	129	2897
Mowry, Albert L., assignor to H. R. McLellan, St. John, New Brunswick, Canada. Rotary engine.....	858,617	July 2	444	116	129	155
Mowry, Edward S., assignor to Wilcox, Crittenden and Company, Middletown, Conn. Apparatus for cooling and finishing metal-coated articles.....	859,966	July 16	2536	689	129	903
Moxley, Charles E., Hallstead, Pa. Holdback.....	864,324	Aug. 27	3450	961	129	3248
Moxley, Minor. (See Dolson and Moxley.)						
Moya, José de, assignor to La Société de Moya et Cie., Paris, France. Manufacture of steel.	842,802	Jan. 29	6162		126	1715
Moyano, Francisco S., Aguilas, Spain. Process to utilize the inferior calamins.....	863,417	Aug. 13	2084		129	2767
Moyer, Harvey A., et al. (See Kavlé, Oscar C., assignor.)						
Moyer, Harvey A. (See Latta, Emmitt G., assignor.)						
Moyer, James C. (See Vorheis and Moyer.)						
Moyle, Edward H., Los Angeles, Cal. Revolving distributor for pulp or liquid.....	855,328	May 28	5934	1238	128	1612
Moyne, Emile J. A. (See Monnet and Moyne.)						
Mozingo, Harley J. (See Mozingo, William H., assignor.)						
Mozingo, William H., Hurdland, Mo., assignor of one-half to H. J. Mozingo, Pulaski, Iowa. Means for collecting and delivering mail.....	871,431	Nov. 19	2714	686	131	810
Mucci, Nicola, and A. Celenza, New York, N. Y. Railway-signal.....	863,418	Aug. 13	2086	562	129	2767
Muckey, Harrison, and E. Robertson, Triplett, Mo. Road-scraper.....	872,667	Dec. 3	734	152-3	131	1283
Mucci, Stephen, Douglas, Ariz. Ter. Cut-off valve.....	841,422	Jan. 15	3283	708	126	923
Mudd, John A., U. S. Navy. Sectional album.....	851,546	Apr. 23	5669	1187	127	3137
Mudge, Charles A., New York, N. Y., assignor to Electro-Dynamic Company, Bayonne, N. J. Dynamo-electric machine.....	856,414	June 11	1944	399	128	2221
Mudge, Henry H., Bristol, R. I. Bolt.....	857,295	June 18	3604	763	128	2679
Mudge, Samuel F., Albury, New South Wales, Australia. Adjustable wheel-tire.....	841,561	Jan. 15	3534	764	126	990
Muehlberg, Karl O., Homestead, assignor to Pittsburgh Hose Connector Company, Pittsburg, Pa. Hose-coupling.....	862,578	Aug. 6	811	216	129	2335
Muehleisen, Thomas, San Diego, Cal. Hydrocarbon-burner.....	857,652	June 25	4291	906	128	2882
Mueller, August J., Chicago, Ill. Metallic railway-tie.....	842,415	Jan. 29	5325	1129	126	1510
Mueller, Charles R., Detroit, Mich. Paper-clip.....	848,762	Apr. 2	280	57	127	1658
Mueller, Charles R., Jr., Detroit, Mich. Suspending device.....	874,786	Dec. 24	5071	1068	131	2082
Mueller, Christian F., Jr., and S., Jersey City, N. J. Press for forming thick fluid substances.....	854,375	May 21	4040	835	128	1105
Mueller, Edward C., assignor to Toledo Bushing Company, Toledo, Ohio. Boring-machine.....	869,504	Oct. 29	3621	992	130	2523
Mueller, Edward V. (See Rohde and Mueller.)						
Mueller, Emil, Chicago, Ill. Boring-lathe.....	849,414	Apr. 9	1579	320	127	2027
Mueller, Emil, Chicago, Ill. Tool-holder.....	867,993	Oct. 15	1234	341	130	1733
Mueller, Emil, Alsen, N. Y. Making hydraulic cement.....	850,778	Apr. 16	4156	869	127	2721
Mueller, Eugen L., Paris, France. Carbureter.....	843,028	Feb. 5	379	83	126	1888
Mueller, Felix, assignor to Standard Stopper Company, New York, N. Y. Feeding device.....	867,288	Oct. 1	90	27-8	130	1341
Mueller, Frederick T. (See Kieley and Mueller.)						
Mueller, Friedrich, St. Louis, Mo. Brick-mold.....	850,038	Apr. 9	2723	572	127	2314
Mueller, Friedrich, St. Louis, Mo. Brick-machine.....	868,355	Oct. 15	1787	504-5	130	1900
Mueller, Henry. (See Spies, Louis G., assignor.)						
Mueller, Henry, assignor to H. Mueller Manufacturing Co., Decatur, Ill. Self-closing cock.....	841,092	Jan. 8	2619	573	126	711
Mueller, Henry, assignor to H. Mueller Manufacturing Company, Decatur, Ill. By-pass and waste for tapping-machines.....	856,650	June 11	2390	492	128	2333
Mueller, Henry, assignor to H. Mueller Manufacturing Company, Decatur, Ill. Pipe connection.....	857,956	June 25	4911	1037	128	3037
Mueller, Henry, assignor to H. Mueller Manufacturing Company, Decatur, Ill. Index for cocks.....	857,957	June 25	4913	1038	128	3037
Mueller, Henry, and A. Schuermann, assignors to H. Mueller Manufacturing Co., Decatur, Ill. Basin-cock.....	841,093	Jan. 8	2621	573-4	126	711
Mueller, Martin, Elyria, Ohio. Poreh-cleaner.....	873,451	Dec. 10	2343	492	131	1575
Mueller, Otto H., Berlin, Germany, assignor to Henry R. Worthington, New York, N. Y. Equalizing device for direct-acting engines.....	846,045	Mar. 5	659	139	127	168
Mueller, Otto N., Indianapolis, Ind. Metal structure for reinforcing concrete.....	858,410	July 2	74	20	129	26
Mueller, Samuel. (See Mueller, Christian F., Jr., and S.)						
Mueller, Theodor M., assignor to W. E. Dow, Braintree, Mass. Interrupter for magnetos.....	845,368	Feb. 26	5276	1118	126	3219
Mueller, Theodore J. F., Portland, Oreg. Car-fender.....	852,610	May 7	475	88	128	126
Muetzel, Herman, Fond du Lac, Wis. Fire-lighting appliance.....	864,021	Aug. 20	2979	822	129	3075
Mug, Edward T., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Series shunt for dynamo-electric machines.....	869,796	Oct. 29	4077	1126	130	2659
Mug, Edward T., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Field-coil support.....	873,160	Dec. 10	1776	373-4	131	1479
Mühl, Ernst, Philadelphia, Pa. Rotary engine.....	865,117	Sept. 3	544	152	130	165
Muhl, Fritz, Denison, Iowa. Planter.....	850,949	Apr. 23	4500	941	127	2847
Mühlbach, Max C., Newport News, Va. Compasses.....	855,120	May 28	5565	1156	128	1517
Muhlfeld, John E., Baltimore, Md. Cross-tie for railway-tracks.....	859,319	July 9	1552	414	129	558
Muhlfeld, John E., Baltimore, Md. Draft-rigging.....	860,932	July 23	4030	1103	129	1425
Muhlfeld, John E., Baltimore, Md. Journal-bearing for car and other axles.....	866,154	Sept. 17	2185	609	130	743
Muir, James, Springfield, Mass. Composite building-block.....	856,176	June 4	1396	294-5	128	2045
Muir, John, and C. H. Herod, assignors to Good, Shapley & Muir Company, Limited, Brantford, Ontario, Canada. Concrete-mixer.....	851,686	Apr. 30	5985	1249	127	3247
Muir, John H. (See Aubuchon, Napoleon, assignor.)						
Muir, Reginald L., assignor to West Coast Machinery Company, San Francisco, Cal. Chain saw.....	865,118	Sept. 3	546	153	130	166
Muir, William H., assignor to Jenks and Muir Manufacturing Company, Detroit, Mich. Child's bed.....	850,845	Apr. 16	4294	902	127	2756
Muirhead, Andrew E., Glasgow, Scotland. Boiler-flue scraper.....	852,737	May 7	732	143	128	192
Muirhead, John, assignor of one-half to G. M. Bailey, Providence, R. I. Ladder-hoist.....	866,877	Sept. 24	3258	916	130	1116
Mulally, Thomas, Princeville, Ill. Cultivator.....	868,356	Oct. 15	1788	505	130	1900
Mularkey, James, assignor of one-half to D. K. Smith, Kansas City, Mo. Building construction.....	869,380	Oct. 29	3414	939	130	2460

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Mulcahy, Bertha, San Jose, Cal. Hat-fastener.....	855,722	June 4	531	112	128	1830
Muldoon, John W., New York, N. Y. Reinforced concrete construction.....	874,226	Dec. 17	3953	834	131	1866
Mulford, Logan W., <i>et al.</i> (See Haile, Luther T., assignor.)						
Mulford, Logan W., Philadelphia, Pa. Tile flooring.....	841,998	Jan. 22	4429	954	126	1246
Mulholland, John. (See Keyes, James A., assignor.)						
Mulholland, Vergil. (See Knapp and Mulholland.)						
Mulkerins, Thomas M., Chicago, Ill. Fan.....	873,257	Dec. 10	1966	411	131	1510
Mulkin, Albert A., <i>et al.</i> (See Kiehle, James M., assignor.)						
Mullan, Joseph J., Philadelphia, Pa. Vacuum-pump.....	844,734	Feb. 19	4018	856	126	2860
Mullan, Joseph J., Philadelphia, Pa. Vacuum-pump.....	859,179	July 2	1335	355	129	450
Mullen, James J. (See Hoffmann, George E. von, assignor.)						
Mullen, Jay M. (See Barber, Albert H., assignor.)						
Mullen, John I., Pittsburg, Pa. Waterproof stocking.....	858,665	July 2	535	137	129	185
Mullen, William G., Los Angeles, assignor of one-half to J. A. Henjum, Pomona, Cal. Vehicle-wheel.....	871,515	Nov. 19	2893	724	131	838
Mullenix, John S., assignor of one-half to N. Iddings, Bradford, Ohio. Car-mover.....	870,987	Nov. 12	1793	488	131	610
Müllenmeister, Paul, Aix-la-Chapelle, Germany. Sick and invalid carriage.....	865,514	Sept. 10	1183	337	130	389
Müller, Adolph. (See Schröder and Müller.)						
Müller, Askan, Hohenau, Austria-Hungary. Flue-cleaner.....	865,653	Sept. 10	1396	396	130	456
Müller, August, and J. Klein, Rhöndorf-on-the-Rhine, Germany. Panorama-camera.....	867,396	Oct. 1	256	74	130	1391
Müller, August E., assignor of one-half to T. J. Hrubby, Chicago, Ill. Hay-press.....	841,882	Jan. 22	4206	907-8	126	1193
Müller, Carl O., Blankenese, near Hamburg, Germany. Shoe for wooden poles.....	843,762	Feb. 12	1833	390	126	2288
Müller, Carl V. (See Hansen, Müller, and Carlsson.)						
Müller, Edward A., Madisonville, assignor to King Machine Tool Company, Winton Place, Ohio. Speed-changing mechanism.....	857,357	June 18	3719	785	128	2708
Müller, Edward A., Madisonville, assignor to King Machine Tool Company, Winton Place, Ohio. Tool-holding device.....	857,358	June 18	3721	786	128	2708
Müller, Emil. (See Motz and Müller.)						
Müller, Friedrich, Elizabeth, N. J. Reflector.....	840,084	Jan. 1	587	127-8	126	156
Müller, Friedrich, Elizabeth, N. J. Power-transmitter.....	856,283	June 11	1629	339	128	2140
Müller, Friedrich, Elizabeth, N. J. Machine-tool.....	869,588	Oct. 29	3759	1029-30	130	2565
Müller, Fritz, Neunkirchen, Germany. Clothes-drier.....	853,257	May 14	1793	373	128	486
Müller, Fritz, Detmold, Germany. Desk.....	861,599	July 30	5094	1397	129	1802
Müller, Georg, Berlin, assignor to Firm Kolberger Anstalten für Exterikultur Wilhelm Anhalt Gesellschaft mit Beschränkter Haftung, Kolberg, Prussia, Germany. Physical exerciser.....	843,478	Feb. 5	1267	266	126	2110
Müller, George M., New York, N. Y. Game apparatus.....	868,209	Oct. 15	1546	439	130	1827
Müller, Gottfried, Philadelphia, Pa. Drying and ventilating system for houses, factories, or buildings.....	873,450	Dec. 10	2340	492	131	1575
Müller, Heinrich J., Schaffhausen, Switzerland. Means for checking the sale of railway and other tickets.....	850,950	Apr. 23	4501	941	127	2848
Müller, Heinrich J., Schaffhausen, Switzerland. Ticket-case.....	855,653	June 4	396	83	128	1795
Müller, Heinrich J., Schaffhausen, Switzerland. Contrivance for inserting loose packets of tickets into ticket-compartments.....	872,190	Nov. 26	4302	1027	131	1090
Müller, Henry, Waterbury, Conn. Machine for clearing metal bars.....	860,760	July 23	3766	1032	129	1338
Müller, Herman, Astoria, and E. Zipprich, assignors to Budde & Westermann, New York, N. Y. Bottle-capping machine.....	848,478	Mar. 26	5529	1205	127	1481
Müller, Ida I., Battle Creek, Mich. Extension sofa-bed.....	862,182	Aug. 6	113	30	129	2119
Müller, Johann J., assignor to H. Baer and Company, Zurich, Switzerland. Automatic brake.....	851,766	Apr. 30	6131	1281	127	3285
Müller, John, New York N. Y. Polycycle.....	862,650	Aug. 6	918	246-7	129	2368
Müller, John P., Freeport, Ill. Combined wagon and sled.....	846,130	Mar. 5	852	178	127	216
Müller, Josef, Schönaau, near Schluckenau, Austria-Hungary. Treating sheet metal by electrolysis.....	862,409	Aug. 6	507	-----	129	2245
Müller, Leopold F., Passaic, N. J. Telephone system.....	849,850	Apr. 9	2424	494-5	127	2241
Müller, Max, Remscheid-Hasten, Germany. Apparatus for washing bottles and glasses.....	852,670	May 7	610	116-17	128	159
Müller, Otto, New York, N. Y. Faucet.....	840,860	Jan. 8	2143	474	126	578
Müller, Otto, Charlottenburg, Germany. Machine for cleaning footwear.....	859,458	July 9	1760	471	129	624
Müller, Paul, Breslau, Germany. Lock.....	865,421	Sept. 10	1023	292	130	339
Müller, Philipp, Jr., Frankfort-on-the-Main, Germany. Manufacture of alimentary products.....	863,081	Aug. 13	1582	-----	129	2608
Müller, Robert, Munich, Germany. Insulating material and manufacturing same.....	869,321	Oct. 29	3328	-----	130	2432
Müller, Rudolf, Göteborg, Sweden. Machine for chain-making.....	868,285	Oct. 15	1667	471	130	1866
Müller, Rudolf, and W. Wollenberg, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Making formaldehyde sulfoxylates.....	841,999	Jan. 22	4432	-----	126	1246
Müller, Theodore, Philadelphia, Pa. Shirt-waist.....	863,869	Aug. 20	2764	760	129	3010
Müller, Wilhelm, Offenbach-on-the-Main, Germany, and C. R. Murray, Chicago, Ill., assignors to Actiengesellschaft für Schriftgießerei und Maschinenbau, Offenbach, Germany. Apparatus for electrodepositing metals.....	874,374	Dec. 17	4244	894	131	1914
Mulligan, James. (See Roehm, Bernard J., assignor.)						
Mullikin, Levin H., Trappe, Md. Combined lock and latch.....	840,007	Jan. 1	420	91-2	126	114
Mullikin, Levin H., Trappe, Md., assignor to P. & F. Corbin and Russell & Erwin Manufacturing Company, New Britain, Conn. Lock-casing.....	868,210	Oct. 15	1548	439	130	1827
Mullikin, Levin H., Trappe, Md., assignor to P. & F. Corbin and Russell & Erwin Manufacturing Company, New Britain, Conn. Lock-casing.....	868,211	Oct. 15	1549	440	130	1828
Mullikin, Levin H., Trappe, Md., assignor to P. & F. Corbin and Russell & Erwin Manufacturing Company, New Britain, Conn. Combined lock and latch.....	868,685	Oct. 22	2343	649	130	2166
Mullin, Samuel J., San Francisco, Cal. Folding square.....	862,269	Aug. 6	267	76-7	129	2165
Mullinax, Wilkie D., Gore, Ga. Cultivator.....	866,800	Sept. 24	3143	885-6	130	1081
Mullins, Alfred P., Glasgow, Scotland. Physical-development appliance.....	843,291	Feb. 5	939	189	126	2029
Mulloy, Bernard P., New Albany, Ind. Automatic weighing device.....	862,095	July 30	5858	1624	129	2035
Mulock, Peter, Leadville, Colo. Firearm.....	840,085	Jan. 1	590	128	126	156
Mulock, William R., Winnipeg, Manitoba, Canada. Waist-belt.....	846,934	Mar. 12	2454	538	127	653
Mulock, William R., Winnipeg, Manitoba, Canada. Railway freight-car. (Reissue).....	12,615	Mar. 12	3149	693-4	127	825
Mulrony, Marion A., Plaza, Wash., assignor of one-half to E. E. Harding, U. S. Navy. Wrench.....	863,551	Aug. 13	2280	622	129	2825
Mulroyan, Thomas E., De Kalb, Ill. Jar-holder.....	864,103	Aug. 20	3108	859	129	3115
Mulry, Joseph L., assignor of one-third to C. P. Rollings, Pawtucket, R. I. Portable burglar-alarm.....	874,227	Dec. 17	3955	834	131	1866
Multi-Colour Printing Company (1904). (See Taylor, Elmer Z., assignor.)						
Multi-Phonograph Company. (See Ridderhof, Cornell, assignor.)						
Multi Phonograph Company. (See Shigley, Cyrus C., assignor.)						
Multi-Vending Company. (See Packard, John E., assignor.)						
Multiple Woven Hose & Rubber Co. (See Moore, George D., assignor.)						
Multiplex Safety Razor Company. (See Baker and Frisbie, assignors.)						
Mulvey, Hubert W., Glassport, Pa. Metallic tie and rail-fastener.....	843,351	Feb. 5	1043	215	126	2053

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Mumford, Edgar H., Newtown township, Delaware county, Pa. Molding-machine.....	842,229	Jan. 29	4916	1049	126	1399
Mumford, Edgar H., Newtown township, Delaware county, Pa. Fluid-pressure plunger.	846,685	Mar. 12	1952	429	127	527
Mumford, Edgar H., Merion, Pa., assignor to Tabor Manufacturing Company. Pattern-guide for mold-making apparatus.....	841,167	Jan. 15	2782	607	126	797
Mumford, George R., Dillon, Colo. Animal-poke.....	869,722	Oct. 29	3970	1097	130	2697
Mumford, Joseph A., Roslyn, N. Y., and D. W. Robb, Amherst, Nova Scotia, Canada. Steam-generator.....	845,885	Mar. 5	327	67	127	84
Mumford, Joseph F., Philadelphia, Pa. Brush.....	856,284	June 11	1638	340	128	2142
Muncaster, Walter J., assignor to Cumberland Steel Company of Allegany County, Cumberland, Md. Machine for straightening shafting and the like.....	846,497	Mar. 12	1564	346-7	127	427
Muncaster, Walter J., assignor to Cumberland Steel Company of Allegany County, Cumberland, Md. Machine for producing finished shafting.....	851,547	Apr. 23	5670	1187-9	127	3138
Muncaster, Walter J., assignor to Cumberland Steel Company of Allegany County, Cumberland, Md. Machine for finishing shafting.....	859,003	July 2	1080	284-5	129	368
Muncaster, Walter J., and L. A. Fletcher, Cumberland, Md. Grinding-machine.....	846,496	Mar. 12	1560	345-6	127	426
Munch, Arthur, St. Paul, Minn. Tool-holder.....	852,134	Apr. 30	6923	1445	127	3487
Munch, Franz, Wilsdruff, Germany. Photomechanical color-printing.....	841,883	Jan. 22	4216	.....	126	1195
Munch, John P., New York, N. Y. Slot-machine.....	869,254	Oct. 29	3209	884	130	2302
Muncie Auto Parts Company. (See Hooke, Harvey L., assignor.)						
Muncy, Martha A., Escalon, Cal. Cream-cooler.....	865,515	Sept. 10	1185	337	130	390
Munday, Robert, Fulton, Ark. Locking-hanger for paper bags.....	868,286	Oct. 15	1668	472	130	1882
Munday, Robert, Fulton, Ark. Paper-bag punch.....	873,161	Dec. 10	1778	374	131	1480
Mundhenk, Charles J., Freeport, Ill. Internal-combustion engine.....	865,202	Sept. 3	667	190	130	202
Mundy, Arthur J., Boston, Mass., assignor to Submarine Signal Company, Waterville, Me. Sound transmitter and receiver.....	868,880	Oct. 22	2634	728	130	2189
Mundy, Arthur J., Newton, and H. B. Gale, Boston, Mass., assignors to Submarine Signal Company, Waterville, Me. Apparatus for producing submarine sound-signals.....	842,327	Jan. 29	5118	1088-90	126	1450
Munger, Leroy S., Humboldt, Kans. Adding-machine.....	857,889	June 25	4748	1008-10	128	2995
Munger, Vernon D., Beach City, Ohio. Power-transmission gearing.....	874,978	Dec. 31	5488	1146	131	2169
Municipal Lighting Company. (See Doyle, John, assignor.)						
Munkers, James C. (See Brooks, James E., assignor.)						
Munn, James M., Evanston, assignor of one-half to A. A. Norton, Chicago, Ill. Log finder and lifter for submerged logs, &c.....	873,579	Dec. 10	2610	550	131	1619
Munn, Rodger, Anaconda, Mont. Elevator-boot.....	844,033	Feb. 12	2334	500	126	2410
Munnecke, Theodore, New York, N. Y. Sign-painting process.....	846,233	Mar. 5	1033	221	127	263
Munro, Robert, Jr., et al. (See Hummer, Arthur C., assignor.)						
Munro, Robert M. A. B., Paris, France. Steering and controlling device.....	853,719	May 14	2738	562-3	128	737
Munroe, Enos S., Portland, Me. Device for preserving insects, &c.....	862,270	Aug. 6	267	77	129	2165
Munsing, George D., New York, N. Y. Speed-changing mechanism.....	857,476	June 18	3943	838	128	2762
Munsing, George D., New York, N. Y. Transmission mechanism.....	868,797	Oct. 22	2521	694-5	130	2155
Munsing, George D., New York, N. Y. Speed-changing mechanism.....	868,935	Oct. 22	2725	751	130	2218
Munson, Corydon W., Toledo, Ohio. Smelting sulfid ores.....	846,498	Mar. 12	1569	347-8	127	429
Munson, Homer W., Williamsburg, Mass. Jointed gun-stock.....	843,227	Feb. 5	805	166	126	1999
Munson, Marion J. (See Poulter and Munson.)						
Munson, Otis. (See Knapp, Zera, assignor.)						
Munson, Sweeney, Fowler, Colo. Superheater.....	861,137	July 23	4349	1192	129	1529
Munson, William A. (See Keener and Munson.)						
Munter, Charles, New York, N. Y. Body-conformer.....	848,479	Mar. 26	5531	1205	127	1482
Munton, James. (See Hermanson, Gustaf A., assignor.)						
Munz, Charles W., Detroit, Mich. Machine for graining wood.....	846,131	Mar. 5	854	178	127	217
Munz, Charles W., Detroit, Mich. Adhering round forms and apparatus for same.....	847,966	Mar. 19	4550	1000	127	1199
Munzner, Max, Los Angeles, Cal. Transit.....	856,979	June 11	2988	627	128	2482
Muralt, Robert R. L. de, Zierikzee, Netherlands. Facing for embankments, dams, and the like.....	864,022	Aug. 20	2980	822-3	129	3075
Murbach, John G., Cathlamet, Wash. Saw-jointer.....	864,907	Sept. 3	231	63	130	72
Murch, George, Cape Town, Cape Colony. Machine for dealing playing-cards.....	842,803	Jan. 29	6163	1301	126	1715
Murchie, Sylvanus T., Kaukauna, Wis., assignor of one-half to L. G. Fisher, Chicago, Ill. Clamp-collar for shafting.....	843,906	Feb. 12	2106	451	126	2354
Murchie, Sylvanus T., Kaukauna, Wis., assignor to Union Bag & Paper Company, Jersey City, N. J. Pasting device.....	850,242	Apr. 16	3133	655	127	2460
Murchison, Roderick, Kewanee, Ill. Clothes-line reel.....	870,245	Nov. 5	583	157	131	191
Murden, George L., Peru, Ind. Secret-ballot and distributor box.....	840,151	Jan. 1	738	160	126	200
Murdoch, Andrew, Cristobal, Panama. Exercising and massaging device.....	859,507	July 9	1831	493	129	646
Murdoch, Michael J., assignor of two-thirds to J. J. Gorman and H. A. Ernst, Youngstown, Ohio. Fan attachment.....	866,951	Sept. 24	3368	952	130	1150
Murdock, Charles A. and C. F., assignors to E. H. Sloman, Detroit, Mich. Rocker-press for shaping metal.....	858,096	June 25	5225	1107-8	128	3119
Murdock, Charles F. (See Murdock, Charles A. and C. F.)						
Murdock & Geb Company. (See Murdock, Thomas J., assignor.)						
Murdock, George J., Newark, N. J. Pumping apparatus.....	857,477	June 18	3946	838	128	2763
Murdock, Henry D., New York, N. Y. Plug-in switch.....	867,743	Oct. 8	780	219	130	1571
Murdock, Horace B., Detroit, Mich. Hand brick-press.....	844,166	Feb. 12	2581	553	126	2470
Murdock, Thomas J., assignor to Murdock and Geb Company, Franklin, Mass. Bobbin-holder.....	860,933	July 23	4031	1104	129	1425
Murdock, Thomas J., assignor to Murdock & Geb Company, Franklin, Mass. Bobbin-holder.....	864,480	Aug. 27	3686	1027	129	3327
Murdock, William J., Boston, Mass. Telephone.....	853,186	May 7	1620	338	128	409
Muren, Albert L., Belleville, Ill. Changeable-speed gearing.....	857,958	June 25	4914	1038	128	3037
Muren, Albert L., Belleville, Ill. Changeable-speed gearing.....	871,233	Nov. 19	2256	594	131	743
Muren, Albert L., Belleville, Ill. Pneumatic spring and shock-absorber for motor-vehicles.....	872,362	Dec. 3	103	18	131	1182
Murgas, Joseph, Wilkes-Barre, Pa. Wave-meter.....	848,675	Apr. 2	106	23-4	127	1612
Murgas, Joseph, Wilkes-Barre, Pa. Electric transformer.....	848,676	Apr. 2	108	24	127	1612
Murgas, Joseph, Wilkes-Barre, Pa. Constructing antennae of wireless telegraphy.....	860,051	July 16	2684	731	129	953
Murino, Antonio, New York, N. Y. Valve for automatic piano-players.....	862,002	July 30	5701	1582	129	1984
Murphy, A. J. (See Rife, Charles E., assignor.)						
Murphy, Albert C., assignor to Standard Railway Equipment Company, East St. Louis, Ill. Pneumatic drill.....	856,285	June 11	1639	340	128	2142
Murphy, Burleigh L., Colorado Springs, Colo. Switch.....	864,669	Aug. 27	4023	1116-7	129	3428
Murphy, Daniel, St. Paul, Minn. Cotton-harvester.....	843,546	Feb. 5	1428	301	126	2149
Murphy, Edward B., Blackwater, Mo. Plowshare.....	848,041	Mar. 26	4722	1029	127	1279
Murphy, Edward E., Chelsea, Mass., assignor to Puffer Manufacturing Company. Carbonator.....	871,174	Nov. 19	2134	571	131	723
Murphy, George W. J., Merrimac, Mass., assignor to G. W. J. Murphy Co. Curtain-fastener.....	853,206	May 7	1682	347	128	424
Murphy, Harry C., Marengo, Ind. Envelop.....	862,651	Aug. 6	910	247	129	2368

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Murphy Iron Works. (See Fortune, John R., assignor.)						
Murphy, James, assignor to Eagle Lock Co., Terryville, Conn. Permutation-lock.....	858,744	July 2	662	174	129	229
Murphy, James F., Michigan City, Ind. Railway stand-pipe.....	847,494	Mar. 19	3552	778	127	955
Murphy, James J., assignor to Eagle Lock Co., Terryville, Conn. Permutation-lock....	854,427	May 21	4143	858-9	128	1130
Murphy, Jeremiah. (See Carnahan and Murphy.)						
Murphy, John, <i>et al.</i> (See Reynolds, William J., assignor.)						
Murphy, John. (See Thompson and Murphy.)						
Murphy, John A., White Haven, Pa. Rail-anchor.....	846,753	Mar. 12	2078	456	127	559
Murphy, John G., New York, N. Y. Auxiliary power device.....	874,787	Dec. 24	5071	1068	131	2082
Murphy, John J., Boston, Mass. Oven.....	849,010	Apr. 2	788	161	127	1788
Murphy, John J., assignor to Hopkins & Allen Arms Co., Norwich, Conn. Firearm.....	856,286	June 11	1643	340	128	2143
Murphy, John M., Danbury, Conn., assignor, by mesne assignments, to American Filtration Company, Phillipsburg, N. J. Water-purifying apparatus.....	844,167	Feb. 12	2582	553	126	2471
Murphy, Leonard, Dublin, Ireland. Apparatus for indicating the depth of liquid in a vessel.....	867,994	Oct. 15	1235	342	130	1733
Murphy, Peter H. (See Hoffman, John J., assignor.)						
Murphy, Peter H. (See Posson, Edward, assignor.)						
Murphy, Peter H. (See Tatum, John J., assignor.)						
Murphy, Peter H., St. Louis, Mo. Pneumatic drill.....	856,083	June 4	1205	255	128	1997
Murphy, Peter H., St. Louis, Mo. Pneumatic drill.....	856,651	June 11	2391	492-3	128	2333
Murphy, Peter H., St. Louis, Mo. Reversing-valve.....	856,652	June 11	2395	493	128	2334
Murphy, Slaydon, Weston, Miss. Journal-box.....	844,887	Feb. 19	4320	921	126	2938
Murphy, Thomas J. (See Whiting, Charles D., assignor.)						
Murphy, William, assignor to F. Reddaway and Company Limited, Manchester, England. Clutch for transmitting rotary motion.....	862,183	Aug. 6	116	30-1	129	2120
Murphy, William, Buffalo, N. Y., assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register.....	875,669	Dec. 31	6954	1448	131	2392
Murphy, William B., New York, N. Y. Separable fastener.....	845,473	Feb. 26	5490	1162	126	3271
Murphy, William B., New York, N. Y. Separable fastening.....	847,291	Mar. 12	3129	689	127	820
Murphy, William J., Bridgeport, assignor to F. B. Kennedy, New Haven, Conn. Trolley-harp.....	874,979	Dec. 31	5491	1147	131	2170
Murphy, William M., assignor to G. A. Drucker, New York, N. Y. Flash-light apparatus.....	870,897	Nov. 12	1635	447	131	562
Murray, Alexander W., assignor of one-half to J. A. Salmon, Chicago, Ill. Valve.....	852,518	May 7	277	51	128	76
Murray, Charles. (See Murray, Martin and C.)						
Murray, Charles R. (See Müller and Murray.)						
Murray, Chauncey A., Cumberland, Wyo. Suspenders.....	840,359	Jan. 1	1164	252	126	308
Murray, Clinton J. (See Miller and Murray.)						
Murray, Daniel D., <i>et al.</i> (See Wilson and Rigdon, assignors.)						
Murray, Edward T., Colorado Springs, Colo. Bit holder and extender.....	862,838	Aug. 6	1215	328	129	2455
Murray, Eric R., Orange, Mass. Dust-pan.....	844,168	Feb. 12	2584	554	126	2471
Murray, Eugene, Washington, D. C., and A. O. Travis, Del Ray, Va., assignors to E. L. Cockrell, Washington, D. C. Machine for re-pressing brick.....	849,258	Apr. 2	1286	261	127	1916
Murrell, George E., Fontella, Va. Vehicle.....	842,804	Jan. 29	6165	1301	126	1715
Murray, George E., St. Regis Falls, N. Y. Railway-gate.....	848,677	Apr. 2	110	24	127	1613
Murray, George F., Pittsburg, Pa. Center swiveling hook.....	852,285	Apr. 30	7181	1507	127	3552
Murray, George G., Larchmont, N. Y., assignor to American Lithographic Company. Lithographic-printing form and making the same.....	865,719	Sept. 10	1498	423	130	487
Murray, George N. (See Haiman and Murray.)						
Murray, Guy B., Nankin, Ohio. Pump-coupling.....	841,707	Jan. 22	3839	834	126	1099
Murray, Horace M., Seligman, Mo. Coffee-pot.....	845,968	Mar. 5	499	103	127	129
Murray, Horace M., Seligman, Mo., assignor to J. W. Dodgen, Oakgrove, Ark. Tanning compound.....	869,723	Oct. 29	3971	.....	130	2628
Murray, James E., McKeesport, Pa. Vehicle wheel and axle.....	857,296	June 18	3606	763	128	2680
Murray, James H., Fairfield, Me. Automatic boiler-feeder.....	852,286	Apr. 30	7182	1508	127	3552
Murray, James H., Lankin, N. D. Dumping-wagon.....	862,184	Aug. 6	117	31-2	129	2120
Murray, Joel S., assignor of one-half to E. H. Scarborough, Brushy Creek, Tex. Cotton-chopper.....	867,397	Oct. 1	257	75	130	1392
Murray, John, Edinburgh, Scotland. Signature-gathering-machine attachment for bookbinders.....	845,369	Feb. 26	5277	1118-19	126	3219
Murray, John C., assignor of two-thirds to G. C. Crafts, Bangor, and G. W. Fortier, Orono, Me. Apparatus for making bisulphite liquor.....	846,499	Mar. 12	1573	348	127	429
Murray, John F., Lindsey, Ohio. Graphophone sound-box.....	860,604	July 16	3511	966	129	1225
Murray, John P. (See Snyder, Charles F., assignor.)						
Murray, John S., Chicago, Ill. Book-stock carrier.....	851,021	Apr. 23	4619	969	127	2878
Murray, Martin and C., Troy, N. Y. Screen-handle fastener.....	869,505	Oct. 29	3622	993	130	2523
Murray, Maurice H., Bakersfield, Cal. Pole-base.....	864,854	Sept. 3	145	41	130	45
Murray, Michael, Harrisburg, Pa. Spring-wheel.....	843,228	Feb. 5	807	166	126	1909
Murray, Michael, Harrisburg, Pa. Brake mechanism for hand-propelled vehicles.....	862,500	Aug. 6	668	180	129	2295
Murray, Michael J., Dubuque, Iowa. Picking-block.....	849,011	Apr. 2	789	.....	127	1788
Murray, Mont, <i>et al.</i> (See Knox, Luther L., assignor.)						
Murray, Robert J., Cambridge, Mass. Hammer-supporting flange for piano-actions.....	857,359	June 18	3722	786	128	2708
Murray, Thomas B., Newport News, Va. Cigar-lighter.....	863,419	Aug. 13	2087	562	129	2768
Murray, Thomas E., New York, N. Y. Electric-meter case and support.....	872,572	Dec. 3	548	113	131	1251
Murray, William A., Sanford, Fla. Wagon-gear.....	852,287	Apr. 30	7183	1508	127	3553
Murray, William J., New York, N. Y. Adjustable scaffold.....	854,959	May 28	5203	1084	128	1428
Murray, William M., assignor to himself and J. H. Knapp, Sawtelle, Cal. Oil-spreader.....	853,720	May 14	2740	563	128	738
Murrin, Terrence, assignor to C. J. De Boor and D. Gelder, Chicago, Ill. Smoke-consuming furnace.....	858,012	June 25	5050	1068	128	3073
Muschenheim, Frederick, New York, N. Y. Electric lamp.....	839,869	Jan. 1	131	32	126	38
Muschenheim, Frederick, New York, N. Y. Annunciator for hotel letter-boxes.....	841,168	Jan. 15	2783	607	126	797
Muschenheim, Frederick, New York, N. Y. Door-lock.....	864,670	Aug. 27	4026	1117	129	3429
Muse, Ernest H., Carbondale, Ill. Clothes-line support.....	845,702	Feb. 26	5919	1250	126	3378
Musgrave, Edith P., Boston, Mass. Card-table.....	848,042	Mar. 26	4723	1029	127	1280
Musgrove, Robert G., Jackson, Miss. Railway-rail fastening.....	855,472	June 4	58	13	128	1709
Musick, William H., Hartsville, Mo. Bridge for presses.....	841,884	Jan. 22	4217	908	126	1195
Musselman, A. J. (See O'Horo, Peter P., assignor.)						
Musser, Erwin H., York, Pa. Lock-nut.....	854,590	May 21	4448	924	128	1205
Musser, Harvey. (See Hilton, Frank M., J. S. and W. W., assignors.)						
Musser, John D., Easton, Ohio. Conveying device.....	867,995	Oct. 15	1236	342	130	1734
Mussinán, Oscar, New York, N. Y. Pocket or desk implement.....	862,579	Aug. 6	812	216	129	2335
Mussinán, Oscar, New York, N. Y. Lead-pencil attachment.....	865,119	Sept. 3	548	153	130	166
Mussinán, Oscar, New York, N. Y. Lead-pencil attachment.....	865,120	Sept. 3	549	153	130	167
Mussinán, Oscar, New York, N. Y. Lead-pencil attachment.....	865,121	Sept. 3	550	153	130	167
Musso, Fedele T., Bowman, Cal. Wrench for vehicle-nuts.....	863,624	Aug. 20	2410	662	129	2898

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Mustee, Lawrence F., Cleveland, Ohio. Oil-burner.....	849,259	Apr. 2	1290	262	127	1917
Mustin, Henry C., Washington, D. C., and G. N. Saegmuller, Rochester, N. Y.; said Mustin assignor to said Saegmuller. Sight for ordnance.....	853,024	May 7	1342	280	128	340
Mustonen, Henry, and T. A. Nissinen, Union Hill, N. J. Automatic coffee-roaster.....	865,203	Sept. 3	669	191	130	203
Muth, John. (See Tanner, John, assignor.)						
Muther, Lorenz. (See Glass, Perley R., assignor.)						
Muther, Lorenz. (See Glass and Muther.)						
Mutsch, Louis, Spokane, Wash. Crosscut-saw.....	854,102	May 21	3537	730	128	973
Myatt, Dewitt O., Wingo, Ky. Farm-gate.....	866,155	Sept. 17	2188	609	130	744
Mydland, Leonor A. (See Opsal and Mydland.)						
Myer, Harry, and M. Koeniges, New York, N. Y. Twine and thread cutter.....	851,245	Apr. 23	5078	1068	127	2990
Myer, John J., New York, N. Y. Game apparatus.....	858,666	July 2	535	138	129	185
Myers, Adolph and L., and F. R. Baker, Birmingham, England. Loose-leaf book, file, temporary binder, &c.....	843,229	Feb. 5	808	166	126	1999
Myers & Bro., F. E. (See Burkholder, John H., assignor.)						
Myers and Brother, F. E. (See Myers, Philip A., assignor.)						
Myers and Brother, F. E. (See Randall, Henry J., assignor.)						
Myers, Charles A., Niagara Falls, N. Y. Street or station indicator.....	845,886	Mar. 5	330	68	127	85
Myers, Charles A., Niagara Falls, N. Y. Street and station indicator.....	870,737	Nov. 12	1368	374-5	131	480
Myers, Charles G., Cleveland, Ohio. Instrument for introducing liquid medicament into teeth.....	870,573	Nov. 12	1099	301	131	388
Myers, Charles H., Buffalo, N. Y. Fence-post.....	862,928	Aug. 13	1338	365	129	2530
Myers, Charles H., Buffalo, N. Y. Wrench-socket.....	867,205	Sept. 24	3777	1067	130	1278
Myers, Charles H., Buffalo, N. Y. Wrench.....	869,255	Oct. 29	3210	884	130	2397
Myers, Charles H., Buffalo, N. Y. Boat.....	870,738	Nov. 12	1370	375	131	480
Myers, Ebenezer. (See Skinner and Myers.)						
Myers, Edward K., Preston, Iowa. Garment-hanger.....	871,175	Nov. 19	2135	571	131	723
Myers, Francis M., assignor of two-thirds to C. A. Draper, Windsor, Mo., and P. H. Kilpatrick, Corinth, Miss. Railway signal system.....	845,188	Feb. 26	4903	1040	126	3127
Myers, Frank G., et al. (See Lynch, James H., assignor.)						
Myers, Frederick, London, England. Sound-reproducing machine.....	860,878	July 23	3947	1082-3	129	1398
Myers, Frederick G., Pinelawn, assignor to A. Kimball Company, New York, N. Y. Pin-ticketing machine.....	859,320	July 9	1559	414-15	129	560
Myers, Frederick G., Pinelawn, assignor to A. Kimball Company, New York, N. Y. Pin-ticketing machine.....	859,321	July 9	1562	416-17	129	561
Myers, George F., Columbus, Ohio, assignor to J. C. Pennie, Montclair, N. J. Coke-working apparatus.....	856,980	June 11	2991	627-9	128	2483
Myers, George R., et al. (See Groves, Clarence L., assignor.)						
Myers, George W., West Cheshire, Conn. Furniture construction.....	850,669	Apr. 16	3967	829	127	2675
Myers, Harry H., Hoboken, N. J., assignor of one-half to R. C. Macke. Memorandum-tablet for telephones.....	856,177	June 4	1398	295-6	128	2045
Myers, Henry B., Marshfield, Mo. Railway cattle-guard.....	857,093	June 18	3232	680	128	2584
Myers, Henry K., Swissvale, Pa. Rail-tie.....	850,951	Apr. 23	4502	942	127	2848
Myers, Henry K., Swissvale, Pa. Rail cross-tie.....	858,528	July 2	280	69	129	99
Myers, Henry L., Newark, N. J. Truck.....	863,625	Aug. 20	2411	662	129	2898
Myers, Jacob A., Greenville, Ill. Car-door hanger.....	853,207	May 7	1683	348	128	425
Myers, John H., West Philadelphia, Pa. Pile-wire hook.....	853,819	May 14	2934	602	128	786
Myers, Leopold. (See Myers and Baker.)						
Myers, Levi B., Altoona, Pa. Envelop.....	847,095	Mar. 12	2759	610	127	727
Myers, Louis, Newark, N. J. Draft-producing fan.....	840,230	Jan. 1	893	192-3	126	241
Myers, Louis, Newark, N. J. Spring-operated fan-motor.....	840,231	Jan. 1	896	194	126	242
Myers, Louis, Newark, N. J. Automatic pencil-sharpener.....	864,671	Aug. 27	4027	1117-18	129	3429
Myers, Matthew H. (See Johnson and Myers.)						
Myers, McClelland, assignor to H. M. Sciple, San Francisco, Cal. Glass-molding apparatus.....	862,003	July 30	5702	1582	129	1985
Myers, Nancy S. A. E., Holland, Tex. Bed.....	840,645	Jan. 8	1726	380	126	486
Myers, Philip A., assignor to F. E. Myers and Brother, Ashland, Ohio. Door-hanger.....	845,474	Feb. 26	5490	1163	126	3271
Myers, Philip A., assignor to F. E. Myers and Brother, Ashland, Ohio. Pump.....	858,529	July 2	281	69-70	129	99
Myers, Philip A., assignor to F. E. Myers and Brother, Ashland, Ohio. Pump.....	863,870	Aug. 20	2765	761	129	3011
Myers, Philip A., assignor to F. E. Myers and Brother, Ashland, Ohio. Pump.....	869,926	Nov. 5	70	21	131	24
Myers, Philip A., assignor to F. E. Myers and Brother, Ashland, Ohio. Pump.....	871,135	Nov. 19	2057	556	131	710
Myers, Philip A., assignor to F. E. Myers and Brother, Ashland, Ohio. Track for door-hangers.....	873,068	Dec. 10	1607	336	131	1451
Myers, Robert and S., Yeadon, near Leeds, England. Mechanism for preventing the entangling of weft.....	861,668	July 30	5198	1427-8	129	1832
Myers, Stephen. (See Myers, Robert and S.)						
Myers, Thaddeus J., Rossville, Kans. Harvester-reel.....	842,328	Jan. 29	5129	1090	126	1454
Myers, William, New Brighton, England. Means for securing envelops from fraudulent or unauthorized opening.....	870,119	Nov. 5	384	107	131	128
Myers, William C., Springfield, Oreg. Fruit-clipper.....	853,313	May 14	1934	400	128	530
Myers, William H., Harrisonburg, Va. Railway-gate.....	842,805	Jan. 29	6166	1302	126	1716
Myers, William H., and W. G. Stevens, Belleville, Ill. Train-pipe coupling.....	869,506	Oct. 29	3623	993	130	2524
Myers, William S., assignor to Norton Iron Works, Ashland, Ky. Furnace for heating nail-plates.....	843,620	Feb. 12	1577	333-4	126	2221
Myers, William S., assignor to Norton Iron Works, Ashland, Ky. Furnace for heating nail-plates.....	867,398	Oct. 1	258	75	130	1392
Myers, William S., assignor of one-half to B. Gray, Ashland, Ky. Mold for sash-weights, &c.....	848,480	Mar. 26	5533	1206	127	1482
Myles, David, Dundee, Scotland. Golf-club.....	868,687	Oct. 22	2346	650	130	2103
Mylius, Charles H. von and T. P. von, Burnley, Victoria, Australia. Smoke-consuming furnace.....	859,004	July 2	1083	285	129	369
Mylius, Thomas P. von. (See Mylius, Charles H. von and T. P. von.)						
Myrin, Nils, Thief River Falls, Minn. Rail-joint.....	845,313	Feb. 26	5167	1097	126	3193
N. Stafford Co. (See Stevenson, Robert A., assignor.)						
N. Stafford Company. (See Stafford, Nelson, assignor.)						
Nabers, John A., Vernon, Tex. Means for protecting river-banks.....	850,244	Apr. 16	3136	656	127	2461
Nacey, Joseph F., et al. (See Borland, Franklin D., assignor.)						
Nacht, Valentin, and P. Salomon, Pittsburg, and J. Erzen, Finleyville, Pa. Basket.....	841,170	Jan. 15	2786	608	126	797
Nadoolman, Nathan, Brooklyn, N. Y. Tailor's chalk-holder.....	864,326	Aug. 27	3456	962	129	3250
Naery, John S., La Fayette, Ind. Door-holder fixture.....	839,876	Jan. 1	149	35	126	42
Nagasse, Sosaku, Los Angeles, Cal. Vegetable peeler and scraper.....	850,871	Apr. 16	4345	911	127	2770
Nagel, Henry and J. E., Brunswick, Nebr. Pump.....	858,901	July 2	923	241	129	318
Nagel, John E. (See Nagel, Henry and J. E.)						
Nagely, William J., Toledo, Ohio. Fountain-polisher for stoves.....	864,676	Aug. 27	4038	1121	129	3433
Nager, Herman I. (See Sauter, Herman, assignor.)						
Nagle, Henry J., Abbottstown, Pa. Protected cushioned wheel.....	853,466	May 14	2206	458	128	599
Nagle, William E., Wilmerding, Pa. Shearing-knife.....	856,719	June 11	2520	518	128	2366

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Naglee, Dwight. (See Cork and Naglee.)						
Nagley, Andrew, Elmhurst, Pa. Hoof-spreading horseshoe.	872,191	Nov. 26	4303	1027	131	1090
Nahlik, Georg, Budapest, Austria-Hungary. Apparatus for addition.	356,360	June 11	1835	377	128	2194
Nail, Joseph A., Chicago, Ill. Baby-crib.	874,421	Dec. 24	4300	915	131	1963
Nance, Joseph J., assignor of one-half to J. B. Moore, Ozona, Tex. Animal-trap.	857,892	June 25	4762	1011	128	3000
Nance, Turner H., Talladega, Ala. Cloth-measuring machine.	844,739	Feb. 19	4029	859	126	2862
Nantel, Henry, New York, N. Y. Portable or temporary scaffolding for roofs.	859,241	July 9	1434	382	129	517
Nanz, August F. (See Zausmer, Joseph, assignor.)						
Napay, Hosea. (See Taylor and Napay.)						
Napier, Charles, Springfield, assignor of one-half to Massachusetts Saw Works, Chicopee, Mass. Rotary cutter for making saws.	842,903	Feb. 5	118	28	126	1819
Napier, Montague S., London, England. Current-distributor for sparking devices.	866,212	Sept. 17	2263	631-2	130	768
Napp, Charles E., Trenton, N. J. Telephone directory or book.	845,703	Feb. 26	5920	1250-1	126	3378
Napp, Charles E., Trenton, N. J. Telephone-directory.	873,259	Dec. 10	1968	412	131	1511
Naquin, Joseph A. (See Boudreaux, Leandre, assignor.)						
Naramore, Frank J., Bridgeport, Conn. Garment-supporter.	854,230	May 21	3795	783	128	1041
Naranjo, Hector, Alajuela, Costa Rica. Heating or refrigerating apparatus.	870,457	Nov. 5	927	253	131	303
Narragansett Machine Company. (See Thornley, Albert J., assignor.)						
Nash, Carl E., Pasadena, Cal. Extension-table.	860,407	July 16	3215	879	129	1127
Nash, Charles J., assignor to W. H. Miner Company, Chicago, Ill. Draft-rigging.	849,556	Apr. 9	1878	382	127	2102
Nash, Charles J., assignor to W. H. Miner Company, Chicago, Ill. Draft-rigging for rail-way-cars.						
Nash, Jett E., Cheyenne, Wyo. Hydraulic air-compressor.	858,746	July 2	666	175	129	230
Nash, John, assignor of one-half to J. J. Tyler, North Yakima, Wash. Vehicle-wheel.	864,677	Aug. 27	4039	1121	129	3433
Nash, John S., Chicago, Ill. Cap for syrup-bottles and the like.	854,699	May 21	4666	972	128	1260
Nash, Joseph H., and R. H. Briggs, Jr., East St. Louis, Ill. Packing.	872,671	Dec. 3	741	154	131	1285
Nash, Louis P., New York, N. Y. Casing for siphon-bottles.	863,205	Aug. 13	1779	478	129	2671
Nash, Nathan E., Toronto, Ontario, Canada. Heat-regulating apparatus.	860,316	July 16	3072	840	129	1080
Nash, Nathan E., Toronto, Ontario, Canada. Heat-regulating apparatus.	843,093	Feb. 5	520	109	126	1927
Nash, Richard G., Lucan, near Dublin, Ireland. Machine for washing bottles and the like.	854,172	May 21	3670	758-9	128	1006
Nash, Richard G., Lucan, near Dublin, Ireland. Machine for washing bottles.	854,173	May 21	3672	759-60	128	1006
Nash, Walter C., Miami, Ohio. Book-clip and leaf-support.	871,610	Nov. 19	3077	764	131	869
Nashold, Elias, Los Angeles, Cal. Feeding apparatus for boilers.	862,271	Aug. 6	268	77	129	2165
Nashville Chemical Company. (See Daley and Johnson, assignors.)						
Naslund, Eric A., Dunkirk, N. Y. Apparatus for catching and delivering mail-bags.	847,682	Mar. 19	3950	562	127	1058
Nasmith, John D., Toronto, Ontario, Canada. Baking-oven.	846,046	Mar. 5	662	140	127	169
Nason, Richard M. (See Holland, George N., assignor.)						
Nathan Ankle Support Company. (See Nathan and Cohen, assignors.)						
Nathan, Arthur, Charlottenburg, Germany. Locking device for carriage-doors.	867,747	Oct. 8	789	223-4	130	1574
Nathan, Benjamin, New York, N. Y. Innersole.	873,775	Dec. 17	2996	636	131	1717
Nathan, Benjamin, and H. Cohen, assignors to Nathan Ankle Support Company, New York, N. Y. Heelpiece.	845,809	Mar. 5	149	28	127	41
Nathan, Frederic L., J. M. Thomson, W. Rintoul, and A. Scott, Waltham Abbey, England. Manufacture of nitroglycerin.	841,886	Jan. 22	4221		126	1196
Nathan, Joseph. (See Moore, George N., assignor.)						
Nathan, Leopold, Zurich, Switzerland. Manufacture of beverages.	863,085	Aug. 13	1590		129	2610
Nathan, Leopold, Zurich, Switzerland. Sterilizing closed vessels.	867,831	Oct. 8	926	264	130	1616
Nathan, Louis M., Denver, Colo. Trousers.	845,430	Feb. 26	5385	1143	126	3245
Nathan Manufacturing Company. (See Abate, Walter L., assignor.)						
Nathan Manufacturing Company. (See Kaczander, Leopold, assignor.)						
Nathan Manufacturing Company. (See Martens, Charles C., assignor.)						
Nathan, M. E. (See Feldman, Joseph C., assignor.)						
National Binding Machine Company. (See Elliott, Sterling, assignor.)						
National Binding Machine Company. (See Hatch, William B., assignor.)						
National Biscuit Company. (See Marshall, William C., assignor.)						
National Biscuit Company. (See Richardson, John D., assignor.)						
National Brake and Clutch Company. (See Apple, Vincent G., assignor.)						
National Brake and Electric Company. (See Babcock, Ira J., assignor.)						
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National Brake & Electric Company. (See Waters, William L., assignor.)						
National Cash Register Company. (See Boring, Frank M., assignor.)						
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National Cash Register Company. (See Osborn, Francis C., assignor.)						
National Cash Register Company. (See Pein, Edward J. von, assignor.)						
National Cellular Steel Company. (See Rude, James M., assignor.)						
National Cigar Stands Company. (See Earnshaw, Elmer E., assignor.)						
National Compositype Company. (See Brown, Hanrahan, and Boyden, assignors.)						
National Compositype Company. (See Brown, Hanrahan, and Boyden, assignors.) (Re-issue.)						
National Concessions Company of Chicago. (See Thomas, Walter B., assignor.)						
National Cork and Seal Company. (See Brewington, Henry S., assignor.)						
National Cork and Seal Company. (See Fulenwider and Bond, assignors.)						
National Cotton Tuft and Fibre Manufacturing Company. (See Rehuss, Martin O. and J. G., assignors.)						
National Device Co. (See Gardner, Herbert W., assignor.)						
National Disinfectant Company. (See Easton, Alexander D., assignor.)						
National Dump Car Company. (See Caswell, William A., assignor.)						
National Dump Car Company. (See Maltby, George B., assignor.) (Reissue.)						
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National Dump Car Company. (See Otis, Spencer, assignor.)						
National Electric Lamp Company. (See Fagan, John T., assignor.)						
National Electric Signaling Company. (See Austin, Louis W., assignor.)						
National Electric Works. (See Sohm, Alfred L., assignor.)						
National Enameling and Stamping Company. (See Knapp, George W., assignor.)						
National Enameling & Stamping Company. (See Schaefer, Albert, assignor.)						
National Engineering Co. (See Cowles, Burton S., assignor.)						
National Folding & Sewing Machine Co. (See Nederman, Herman, assignor.)						
National Gas Drill Company. (See Duryea, Otho C., assignor.)						
National Gas Drill Company. (See Duryea and White, assignors.)						
National Gas Drill Company. (See White and Duryea, assignors.)						
National Gas Light Company. (See Doorenbos, John, assignor.)						

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National Gas Saving Company. (See Cowie, James, assignor.)						
National Glass Company. (See Fletcher, Lawrence A., assignor.)						
National Insulating and Mfg. Co. (See Wilson, John H., assignor.)						
National Interlocking Steel Sheeting Company. (See Nye, George E., assignor.)						
National Loose-Leaf Hotel Register Company. (See Facer, Edward A., assignor.)						
National Machine Company. (See Chilton, Franklin H., assignor.)						
National Machine Company. (See Wood, Alfred, assignor.)						
National Machinery Co. (See Hopkins, Charles H., assignor.)						
National Malleable Castings Company. (See Bazeley, Arthur J., assignor.)						
National Malleable Castings Company. (See Krakau, Harry T., assignor.)						
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National Mfg. & Mailing Co. (See Farnham, Schuyler E., assignor.)						
National Novelty Corporation. (See Bailey, Charles A., assignor.)						
National Nutrient Company. (See Campbell, Charles H., assignor.) (Reissue.)						
National Oil Pump & Tank Co. (See Davis, John B., assignor.)						
National Oyster Carrier Co. (See Hulbert, Edwin F., assignor.)						
National Patent Holding Company. (See Otis, Spencer, assignor.)						
National Patent Holding Company. (See Otis and Hart, assignors.)						
National Peat Products & Chemical Company. (See Smith, James E., assignor.)						
National Penny Sales Company. (See Packard, John E., assignor.)						
National Perforating Machine Company. (See Carlton, Cortland, assignor.)						
National Railway Materials Company. (See Hall, George L., assignor.)						
National Rheostat Company. (See MacLagan, Hector P., assignor.)						
National Sewing Machine Co. (See Pettet, John O., assignor.)						
National Sewing Machine Co. (See Winkel, Christopher, assignor.)						
National Sewing Machine Company. (See Crandall, Jay E., assignor.)						
National Slag Construction Company. (See Nolan, Martin J., assignor.)						
National Smoke Cleansing Company. (See Roesser, John, assignor.)						
National Specialty Manufacturing Company. (See Bussinger, William J., assignor.)						
National Straw Pulp Company. (See Kennedy, Michael R., assignor.)						
National Sweeper Company. (See Eastman, Ruby G., assignor.)						
National Sweeper Company. (See Hodson, Walter D., assignor.)						
National Tag Company. (See Kuhns, John P., assignor.)						
National Telegraphone Company. (See Davis, Abner F. H., assignor.)						
National Tube Company. (See Baehr, George, assignor.)						
National Tube Company. (See Baehr and Lynch, assignors.)						
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National Tube Company. (See Scholz, Richard, assignor.)						
National Tube Company. (See Townsend, Frank P., assignor.)						
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National Vending Machine Company. (See Frantz, Charles T., assignor.)						
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National Wire Bound Box Company. (See Inwood and Lavenberg, assignors.) (Reissue.)						
National Wood Pipe Company. (See Marks, John S. F., assignor.)						
National Wrapping Machine Co. (See Patterson, James M., assignor.)						
Natterer, Joseph, Jersey City, N. J. Universal rolling-machine.....	859,613	July 9	2000	539-40	129	702
Naudin, Louis. (See Sizaire and Naudin.)						
Naujoks, Carl and F. C., San Francisco, Cal., assignors of one-third to G. Goepfert, B. Bruetting, and V. Mockel, Electrically-controlled elevator.....	851,829	Apr. 30	6271	1308	127	3324
Naujoks, Frederick C. (See Naujoks, Carl and F. C.)						
Nauman, Charles A., Wilkes-Barre, Pa. Hook.....	861,044	July 23	4220	1155	129	1485
Naumer, Emil, New York, N. Y. Electrical water-heater.....	870,577	Nov. 12	1104	302	131	390
Nawn, Phil J., St. Louis, Mo. Combined cigar cutter and lighter.....	853,314	May 14	1935	400	128	530
Naylor, Arthur. (See Naylor, Thomas F. and A.)						
Naylor, Ellsworth G. (See Kerins and Naylor.)						
Naylor, Thomas F. and A., Kidderminster, England. Loom for weaving chenille.....	868,688	Oct. 22	2347	650	130	2103
Naylor, Thomas F., Kidderminster, and O. S. Hall, Bury, England. Loom for weaving chenille or pile fabrics.....	845,810	Mar. 5	152	28-9	127	42
Naysmith, Robert, Pittsburg, Pa. Tube-bending machine.....	866,505	Sept. 17	2681	750	130	902
Naysmith, Robert, Pittsburg, Pa. Metal-bending machine.....	866,506	Sept. 17	2683	750	130	902
Neal, George. (See Haller, John, assignor.)						
Neal, George V., Thomaston, Conn. Watchmaker's tool.....	852,290	Apr. 30	7187	1509	127	3554
Neal, Harry W., assignor to himself, W. Harmon, and C. E. Hall, Indianapolis, Ind. Damper.....	870,309	Nov. 5	686	185	131	225
Neal, James H. (See Brown and Malan, assignors.)						
Neal, John W., Kealia, Hawaii. Wave-motor.....	851,549	Apr. 23	5681	1190-1	127	3139
Neal, John W., Kealia, Hawaii. Wave-motor.....	855,258	May 28	5815	1212	128	1583
Neal, Robert H. (See Hutson and Neal.)						
Neal, Walter C., Pittsfield, Mass. Curtain-pole.....	868,469	Oct. 15	1970	549	130	1955
Neal, William, et al. (See Reese, John E., assignor.)						
Neale David, near Fort Calhoun, Nebr. Anchor-revetment for shores or banks.....	855,584	June 4	266	54	128	1763
Neale David, near Fort Calhoun, Nebr. Cellulated fascine.....	855,585	June 4	271	55	128	1765
Neale David, near Fort Calhoun, Nebr. Wing-dam or dike construction for riprap.....	864,481	Aug. 27	3688	1027-8	129	3327
Neale, Henry C., Philadelphia, Miss. Brake.....	840,951	Jan. 8	2334	512-13	126	637
Nealey, Everett T., Bangor, Me. Electrode for therapeutic use &c.....	843,354	Feb. 5	1046	215	126	2054
Nealon Company. (See Binney, Harold, assignor.)						
Nealy, Charles M., Chicago, Ill. Puzzle.....	846,134	Mar. 5	859	179	127	218
Neat, Benjamin C., et al. (See Bauer, William, assignor.)						
Neate, Percy J., Rochester, England. Spring-wheel.....	858,412	July 2	77	20-2	129	26
Nebel, Edward J., et al. (See Dutton, Samuel F., assignor.)						
Nebel, Fenton B., et al. (See Dutton, Samuel F., assignor.)						
Nebel, Gustav, Monterey, Mexico. Separating-pot.....	862,008	July 30	5708	1584	129	1987
Nebelthau, Fredrick W., assignor to Lung Manufacturing Co., Minneapolis, Minn. Therapeutic lung-testing device.....	864,908	Sept. 3	231	63	130	72
Nebraska Incubator Company (See Sumner, William A., assignor.)						
Necker, Adolf, Philadelphia, Pa. Life-preserver.....	874,026	Dec. 17	3491	743	131	1799

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Neddo, Philip, Barre, Vt. Lifting-tongs.....	847,200	Mar. 12	2969	654	127	780
Neddo, Philip, Barre, Vt. Scoop.....	872,961	Dec. 3	1346	284	131	1378
Nederman, Herman, assignor, by mesne assignments, to National Folding & Sewing Machine Co., Troy, N. Y. Folding attachment for sewing-machines.....	843,838	Feb. 12	1970	421-2	126	2321
Nee, James A., New York, N. Y. Closure for bottles, jars, and the like.....	852,519	May 7	278	51	128	76
Neeb, Jacob H., Unionville, Mo. Hay-rake.....	842,234	Jan. 29	4929	1051	126	1402
Neeb, Jacob H., Unionville, Mo. Hay-stacker.....	842,235	Jan. 29	4931	1051-2	126	1402
Needham, John R. (See Wallace, Thomas N., assignor.)						
Needham, Leslie H., Des Moines, assignor to Mrs. J. M. Parker, Oskaloosa, Iowa. Hinge-plate for tilting posts.....	857,190	June 18	3414	720	128	2631
Needham, Thomas A., Everett, Mass. Printing-press.....	867,897	Oct. 8	1033	294	130	1648
Neef, William, Marcelon, Wis. Barrel or bag emptying device.....	867,292	Oct. 1	96	30	130	1343
Neel, Clyde N., et al. (See Teate, Thomas A., assignor.)						
Neel, Elijah L., et al. (See Teate, Thomas A., assignor.)						
Neel, Herbert A., et al. (See Teate, Thomas A., assignor.)						
Neel, John C., Jr., Sheridan, Wyo. Train-order device.....	866,213	Sept. 17	2265	632	130	769
Neel, Ralph H. (See Atkinson and Teate, assignors.)						
Neeland, Marvin A., Youngstown, Ohio. Blowing-engine valve.....	841,040	Jan. 8	2506	546-7	126	682
Neeland, Marvin A., Montclair, N. J. Compound engine.....	844,388	Feb. 19	3071	658-9	126	2634
Neeland, Marvin A., Youngstown, Ohio. Gas-engine valve-gear.....	850,175	Apr. 16	2999	628-9	127	2422
Neeland, Marvin A., Youngstown, Ohio. Valve mechanism for blowing-engines and compressors.....	873,573	Dec. 3	550	114	131	1251
Neeland, Marvin A., Youngstown, Ohio. Pumping-cylinder valve.....	873,452	Dec. 10	2345	492-3	131	1575
Neeley, George S., St. Louis, Mo. Field-regulator for dynamos.....	862,272	Aug. 6	270	77-8	129	2166
Neeley, George S., St. Louis, Mo. Voltage-regulator for dynamo-electric machines.....	862,273	Aug. 6	273	78	129	2167
Neeley, George S., St. Louis, Mo. Voltage-regulator for dynamo-electric machines.....	862,274	Aug. 6	277	78-9	129	2168
Neely, Edward, Chicago, Ill. Cooler.....	868,287	Oct. 15	1669	472	130	1866
Neely Nut & Bolt Company. (See Lackner, Frederick, assignor.)						
Neer Air Cooled Engine Company. (See Neer, Harry M., assignor.)						
Neer, Harry M., Columbus, assignor to Neer Air Cooled Engine Company, Plain City, Ohio. Explosive-engine.....	868,659	Oct. 22	2348	651	130	2103
Nees, Louis, and W. Venske, Minneapolis, Minn. Automatic sash-operator.....	849,490	Apr. 9	1753	355	127	2070
Nees, William J., et al. (See Kirkwood and Kimberling, assignors.)						
Nef, John J., Chicago, Ill., assignor to National Brake and Electric Company, Milwaukee Wis. Controlling mechanism.....	874,229	Dec. 17	3959	835	131	1867
Neff, Asa J. (See Rollins and Neff.)						
Neff, Bentley P., Duluth, Minn. Wearing-apparel.....	864,327	Aug. 27	3456	962	129	3250
Neff, Edwin F., et al. (See Suits, Bert C., assignor.)						
Neff, Richard H., Indianapolis, Ind. Computing cheese-cutter.....	854,521	May 21	4311	893	128	1172
Neff, Whitman C., Lawrenceville, Ill. Attachment for buggy-tops.....	873,164	Dec. 10	1791	376	131	1480
Neff, William T., assignor to B. L. Barr, Tremont City, Ohio. Device for breaking horses of kicking.....	864,796	Sept. 3	51	15	130	19
Nehr, Herman F., New York, N. Y. Bed.....	866,954	Sept. 24	3376	954-5	130	1153
Nehr, Herman F., Brooklyn, assignor to Benzinger Bros., New York, N. Y. Candle stick or holder.....	849,012	Apr. 2	790	161	127	1788
Nehr, William F., assignor to New Jersey Patent Company, West Orange, N. J. Production of phonographic sound-records.....	850,957	Apr. 23	4512	944	127	2850
Nehrbas, Frederick P. (See Hass, Nehrbas, and Short.)						
Neiburg, Gustave L., Westpoint, Nebr. Apparatus for electrochemically and mechanically purifying liquids.....	856,361	June 11	1836	377	128	2194
Neiburger, Moses, La Fayette, Ind. Nut-lock.....	851,606	Apr. 23	5799	1212	127	3171
Neider, Fred A., Augusta, Ky. Carriage-curtain fastener.....	847,430	Mar. 19	3433	753	127	924
Neider, Fred A., Augusta, Ky. Carriage-curtain knob.....	868,111	Oct. 15	1411	396	130	1787
Neider, Fred A., Augusta, Ky. Vehicle-curtain fastener.....	868,217	Oct. 15	1554	442	130	1829
Neidhardt, Joseph W. (See Detrick and Neidhardt.)						
Neidig, Clement and O. A., Bourbon, Ind. Metallic window-sash.....	854,665	May 21	4578	956	128	1238
Neidig, Ora A. (See Neidig, Clement and O. A.)						
Neifer, Lloyd D., Traverse City, Mich. Clothes-pin machine.....	853,823	May 14	2947	604-5	128	789
Neighbour, William W., Denison, Tex. Journal-box.....	853,026	May 7	1348	280	128	342
Neighbour, William W., Denison, Tex. Antifriction device for cranks and pitmen.....	874,859	Dec. 24	5202	1097	131	2105
Neighbours, James W. (See Robinson, Neighbours, and Pierce.)						
Neikirk, John O., Chicago, Ill. Draft-rigging.....	851,246	Apr. 23	5080	1069	127	2990
Neikirk, John O., Morgan Park, Ill. Bolster for railway-cars.....	864,482	Aug. 27	3691	1028	129	3328
Neil, Harry E. (See Neil, Joseph B., assignor.)						
Neil, Joseph B., Filbert, S. C. Water-elevator.....	844,534	Feb. 19	3382	728-9	126	2709
Neil, Joseph B., assignor of one-half to H. E. Neil, Filbert, S. C. Cotton-picker.....	856,178	June 4	1399	296	128	2045
Neil, Joseph B., Filbert, S. C. Water-elevator.....	860,686	July 23	3654	1001	129	1305
Neil, Moses H. (See Morris, Samuel, assignor.)						
Neill, Guy D., Denver, Colo. Miner's candlestick.....	870,638	Nov. 12	1217	329	131	432
Neill, James W. (See Callow and Neill.)						
Neill, Samuel M., Guelph, Ontario, Canada. Stove and the like.....	840,861	Jan. 8	2144	474	126	588
Neilson, James P., assignor to Bryant Electric Company, Bridgeport, Conn. Switch mechanism for electric-lamp sockets and the like.....	845,476	Feb. 26	5497	1163	126	3273
Nekarada, Francis J. (See Schwabek, George G., assignor.)						
Nellen, Friedrich, Essen, Germany. Superstructure for narrow-gage railways.....	854,962	May 28	5211	1085-6	128	1430
Neller, Albert H., assignor to Loudon Machinery Company, Fairfield, Iowa. Elevated carrier.....	873,165	Dec. 10	1792	376	131	1481
Nelms, James E., Roanoke, Va. Firearm.....	860,231	July 16	2948	805	129	1038
Nelms, Robert P., Jacksonville, Fla. Electric time-switch for beacons.....	840,646	Jan. 8	1727	380	126	486
Nelson, Albert J., Waseca, Minn. Pole-support.....	852,896	May 7	1080	223	128	276
Nelson, Alfred, assignor to A. F. Hetherington, Philadelphia, Pa. Umbrella.....	871,611	Nov. 19	3078	764	131	869
Nelson, Andrew, South Stillwater, Minn. Water-turbine.....	860,988	July 23	4143	1134	129	1462
Nelson, Andrew, Rock Island, Ill. Machine for molding building-blocks.....	874,230	Dec. 17	3962	835-6	131	1868
Nelson, Andrew M., Chicago, Ill. Ash-sifter.....	867,670	Oct. 8	674	170	130	1538
Nelson, Carl, Adams, Minn. Match-box.....	861,671	July 30	5201	1430	129	1833
Nelson, Charles E., Harvey, Ill. Ball-bearing track-drill.....	870,194	Nov. 5	505	138	131	165
Nelson, Charles H., Iola, Wis. Combined shade-bracket and curtain-rod support.....	848,195	Mar. 26	4968	1087	127	1341
Nelson Charles J. (See Rudolphi and Nelson.)						
Nelson, David, Burma, Ark. Mechanical movement.....	840,581	Jan. 8	1613	354	126	456
Nelson, David D., Mindennines, Mo. Neck-yoke attachment.....	842,809	Jan. 29	6176	1304	126	1718
Nelson, Edward D., and W. L. Brown, Altoona, Pa. Air-brake coupling.....	863,744	Aug. 20	2569	710	129	2948
Nelson, Edward D., and W. L. Brown, Altoona, Pa. Hose-pipe-coupling end.....	863,745	Aug. 20	2570	710-11	129	2949
Nelson, Edward D., and W. L. Brown, Altoona, Pa. Air-brake apparatus.....	863,746	Aug. 20	2572	711	129	2949
Nelson, Edward L. (See Grau and Nelson.)						
Nelson, Elmer, Deer Lodge, Mont. Reed-protector for wind instruments.....	867,832	Oct. 8	927	264	130	1616
Nelson, Elon A., Chicago, Ill. Spring-wheel.....	847,099	Mar. 12	2763	610-11	127	728

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Nelson, Emil A., assignor to W. J. Newton and C. J. Woodall, Detroit, Mich. Starting means for explosion-motors.....	848,679	Apr. 2	119	25-6	127	1616
Nelson, Emma, administratrix. (See Nelson, Knud.)						
Nelson, Erik J., Chicago, Ill. Trench-shovel.....	840,862	Jan. 8	2145	474	126	588
Nelson, Francis J. E., Jr. (See Lee and Nelson.)						
Nelson, Frank A., Duluth, Minn. Automobile.....	851,026	Apr. 23	4627	971	127	2880
Nelson, Frank E., Santa Barbara, Cal. Liquid-fuel-burning apparatus.....	857,657	June 25	4301	908	128	2885
Nelson, Frank J. (See Hague, Frank O., assignor.)						
Nelson, Frank J. (See Roberts, Harry A., assignor.)						
Nelson, Frank J. E., Jr. (See Lee and Nelson.)						
Nelson, Frederick, Driscoll, N. D. Rotary engine.....	841,425	Jan. 15	3286	709	126	925
Nelson, Frederick, Driscoll, N. D. Sweep-rake.....	857,412	June 18	3817	809	128	2732
Nelson, Frederick, Monoken, N. D. Mold for artificial stone.....	857,413	June 18	3820	810	128	2733
Nelson, Fritz, and D. A. Bye, Louisville, Ky. Baker's peel.....	875,451	Dec. 31	6411	1338	131	3320
Nelson, George. (See Kayser, John W., assignor.)						
Nelson, George, Milwaukee, Wis. Combined cigar-cutter and pipe-cleaner.....	851,769	Apr. 30	6134	1282	127	3286
Nelson, George, Chicago, Ill. Gage for paper-cutting machines.....	870,578	Nov. 12	1105	302	131	391
Nelson, George, Chicago, Ill. Tool-holder.....	874,027	Dec. 17	3493	743	131	1799
Nelson, Hans, <i>et al.</i> (See Clausen, Jens M., assignor.)						
Nelson, Herbert R., New York, N. Y. Curtain-display rack.....	872,840	Dec. 3	1100	230-1	131	1339
Nelson, Homer M., and T. F. Scollard, Warsaw, Ind. Pipe-hanger.....	862,840	Aug. 6	1218	328	129	2456
Nelson, Ira P., T. O. Shappell, and J. A. Smalley, Montpelier, Ind. Combined lifting-jack and truck.....	863,421	Aug. 13	2090	562-3	129	2769
Nelson, James, Silver Creek, Miss. Cotton chopping and scraping machine.....	843,484	Feb. 5	1285	269	126	2115
Nelson, James W., New York, N. Y. Hydraulic jack.....	874,698	Dec. 24	4902	1030	131	2053
Nelson, James W., New York, N. Y. Hydraulic jack.....	874,699	Dec. 24	4907	1031	131	2054
Nelson, James W., New York, N. Y. Hydraulic jack.....	874,700	Dec. 24	4910	1031	131	2054
Nelson, James W., and W. H. Mathers, New York, N. Y.; said Mathers assignor to said Nelson. Hydraulic jack.....	867,997	Oct. 15	1238	343	130	1734
Nelson, John, <i>et al.</i> (See Beach, Elmer R., assignor.)						
Nelson, John E., Chicago, Ill. Mechanical movement.....	842,416	Jan. 29	5326	1129-30	126	1510
Nelson, John E., Chicago, Ill. Siphon-separator.....	864,678	Aug. 27	4041	1122	129	3434
Nelson, Knud, deceased, Chicago, Ill.; E. Nelson, administratrix. Camera-stand.....	849,557	Apr. 9	1880	383	127	2103
Nelson, Knute, Chicago, Ill. Pattern for ornamental posts.....	857,255	June 18	3518	743	128	2657
Nelson & Kreuter Company. (See Andreé, William E., assignor.)						
Nelson, Leary L., Paducah, and E. L. Reeder, Little Cypress, Ky. Saddletree-horn.....	864,679	Aug. 27	4042	1122	129	3434
Nelson, Lewis B., Clearmont, Mo. Plumb-level.....	841,562	Jan. 15	3535	764	126	990
Nelson, Louis J., Chicago, Ill. Chip-breaker.....	840,238	Jan. 1	910	199	126	247
Nelson, Louise, Oakland, Cal. Baking utensil for cakes and pies.....	854,592	May 21	4452	925	128	1206
Nelson, Louise, Oakland, Cal. Pessary.....	854,593	May 21	4452	926	128	1206
Nelson, Lyman H., Portland, Me. Writing-paper tablet.....	848,680	Apr. 2	120	26	127	1616
Nelson, Martin. (See Vogler, Charles A., assignor.)						
Nelson, Nathaniel, Chicago, Ill. Cap-feeding mechanism for canning-machines.....	869,509	Oct. 29	3628	994	130	2525
Nelson, Nathaniel, Chicago, Ill. Solder-feeding mechanism for canning-machines.....	869,510	Oct. 29	3629	994	130	2525
Nelson, Nels. (See Anderson, Severin B., assignor.)						
Nelson, Nels. (See Bacon and Nelson.)						
Nelson, Nels H., Willmar, Minn. Loading-derrick.....	842,904	Feb. 5	120	29	126	1820
Nelson, Nils D., New York, N. Y. Prepayment gas-meter.....	871,290	Nov. 19	2393	620-1	131	763
Nelson, Ole E., Herman, Minn. Shock-loader.....	842,417	Jan. 29	5329	1130	126	1511
Nelson, Peter A., Wyand, Ill. Hoisting-bracket.....	854,302	May 21	3914	807	128	1072
Nelson, Peter J., <i>et al.</i> (See Marquette, John N., assignor.)						
Nelson, Reuben C., Healdsburg, Cal. Vapor-burner.....	847,496	Mar. 19	3555	779	127	955
Nelson, Robert E., Washington, D. C. Measuring-tape holder.....	862,839	Aug. 6	1217	328	129	2455
Nelson, Sven T., assignor to Sullivan Machinery Company, Chicago, Ill. Reversing mechanism.....	873,776	Dec. 17	2998	636-7	131	1718
Nelson, Tidemand, Starbuck, Minn. Snap-hook.....	851,369	Apr. 23	5333	1118	127	3054
Nelson, William H., Kingsville, Mo. Signal.....	860,985	July 23	4063	1104	129	1425
Nemecek, Mathias, McKeesport, Pa. Rail-joint.....	840,239	Jan. 1	911	199	126	247
Nenninger, Oscar A., El Paso, Tex. Water-still.....	842,687	Jan. 29	5936	1251	126	1661
Nenninger, Oscar A., El Paso, Tex. Condenser.....	867,833	Oct. 8	928	265	130	1616
Neptune Meter Company. (See Gamon, Ernest E., assignor.)						
Neracher, William A. (See Borden and Neracher.)						
Nerking, Joseph. (See Emery, Nerking, and Paul.)						
Nernst Lamp Company. (See Wurts, Alexander J., assignor.)						
Nesbitt, John S., Victoria, British Columbia, Canada. Flash-sign.....	862,343	Aug. 6	384	106	129	2203
Nesbitt, William H., Roland, Manitoba, Canada. Cultivator.....	847,451	Mar. 19	3434	753-4	127	924
Nesfield, Vincent B., Ealing, London, England. Sterilizing tablet.....	871,612	Nov. 19	3079	765	131	870
Nesmith, Jeannette W., Gilpin county, Colo. Ointment.....	851,306	Apr. 23	5214	127	3025	
Nesom, Charles T., Indianapolis, Ind. Short-turning gear for vehicles.....	867,998	Oct. 15	1242	343	130	1736
Neste, James P., Lake Mills, Iowa. Adjustable tongue.....	871,613	Nov. 19	3080	765	131	870
Nestler, Emil, Provo City, assignor to Ideal Shaft Supporter Company, Salt Lake City, Utah. Shaft-supporter for vehicles.....	849,416	Apr. 9	1582	321	127	2028
Nestler, Emil, assignor to S. J. Fell, Buffalo, N. Y. Shaft-support.....	869,451	Oct. 29	3538	969-70	130	2498
Neth, Joseph A., Dayton, Ohio. Coupling for electrical conduits.....	849,417	Apr. 9	1583	321	127	2028
Nethery, William G., Toronto, Ontario, Canada. Locking-file.....	854,303	May 21	3915	807	128	1073
Nettenstrom, David, assignor to U. S. Chemical Rubber Company, Chicago, Ill. Belt and belting.....	870,044	Nov. 5	267	73	131	92
Netter, Henry H. (See Clagett, John S., assignor.)						
Netz, Ludvig. (See Kallberg and Netz.)						
Neu-Graphic A. G. (See Bachmann, Eduard, assignor.)						
Neu, Justin, Nuremberg, Germany, assignor to Elektr-Bogenlampen- & Apparate-Fabrik Ges. M. Besch. Haftung. Hoisting device for electric-arc lamps.....	863,041	Aug. 13	1508	409	129	2584
Neubauer, Carl E., assignor of seven-sixteenths to O. E. Moore, Chisholm, Minn., and J. M. Landrigan, Superior, Wis. Tie-plate for railway-rails.....	844,890	Feb. 19	4324	922	126	2939
Neubert, Augustus, Elizabeth, N. J. Trolley switch frog and pole.....	862,582	Aug. 6	815	217	129	2336
Neubert, Henry, Chicago, Ill. Spring-wheel.....	853,418	May 14	2112	440	128	573
Neubert, Walter P., assignor to Union Switch and Signal Company, Swissvale, Pa. Slow-speed mechanical release.....	863,934	Aug. 20	2861	787-8	129	3040
Neuberth, George E., Newark, N. J. Sieve.....	862,275	Aug. 6	281	79	129	2170
Neuberth, George E., Newark, N. J. Molder's ladle.....	868,382	Oct. 22	2636	728	130	2190
Neuburger, Albert, Berlin, Germany. Oxidizing atmospheric nitrogen.....	850,992	Apr. 16	3412	115	127	2534
Neucraft Company. (See Kimball, Hannibal I., assignor.)						
Neudorff, Fredrick, Sheffield, Ala., assignor to Memphis Column Company, Memphis, Tenn. Carriage-feed mechanism.....	856,656	June 11	2406	495	128	2337
Neuenschwander, Arnold, Louisville, Ky. Steam-generator.....	863,552	Aug. 13	2281	622-3	129	2825
Neuer, Carl, San Francisco, Cal. Stamp-moistener.....	861,309	July 30	4630	1265	129	1656

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Neufeld, Oscar, Union, N. J. Brush for barrel-heads.....	866,150	Sept. 17	2192	610	130	746
Neuhard, Samuel A., assignor of two-thirds to W. J. Caldwell and H. W. Chamberlin, Milton, Pa. Railway-rail joint.....	855,725	June 4	536	113	128	1831
Neukirch, Hubert V., assignor to E. B. Freytag, Zwickau, Germany. Acetylene-gas generator.....	866,955	Sept. 24	3377	955	130	1154
Neukirchen, Jean, Cologne, Germany, assignor to F. Neukirchen, Chicago, Ill. Vegetable-cutter.....	842,236	Jan. 29	4933	1052	126	1403
Neukirchen, Peter. (See Neukirchen, Jean, assignor.)						
Neulander, Jerome, Cleveland, Ohio. Calendar.....	866,802	Sept. 24	3154	887	130	1084
Neuman, Daniel. (See Orosz, Ludwig M., assignor.)						
Neuman, Nathan, Philadelphia, Pa. Neck and chest protector.....	856,720	June 11	2521	518	128	2366
Neumann, Fritz, Nuremberg, Germany. Blade-wheel for centrifugal pumps.....	867,069	Sept. 24	3557	1007	130	1209
Neumann, Louis. (See Wiegert, Theodore, assignor.)						
Neumann, Max, Munich, and S. Regensteiner, Pasing, Germany. Electric time-switch.....	862,344	Aug. 6	385	106-7	129	2203
Neumeyer, Frank E. (See Neumeyer, Horace F. and F. E.)						
Neumeyer, Horace F. (See Singmaster, James W., assignor.)						
Neumeyer, Horace F., Macungie, Pa. Flash-light lamp.....	853,027	May 7	1349	281	128	342
Neumeyer, Horace F., Macungie, Pa. Waste-valve for hydrants.....	873,956	Dec. 17	3354	715	131	1776
Neumeyer, Horace F. and F. E., Macungie, Pa. Soap and brush holder for buckets.....	844,177	Feb. 12	2602	558	126	2475
Neureuther, Andrew H., Peru, assignor to Western Clock Manufacturing Company, La Salle, Ill. Machine for manufacturing and mounting pinions and wheels.....	844,389	Feb. 19	3073	659-62	126	2634
Neureuther, Andrew H., Peru, assignor to Western Clock Manufacturing Company, La Salle, Ill. Disk-feeding machine.....	867,834	Oct. 8	929	265	130	1617
Neverslip Manufacturing Company. (See Whitaker, Richard, assignor.)						
Neville, Frank, Mina, Nev. Insect-trap.....	853,315	May 14	1937	400	128	530
Neville, Robert J., Nashville, Tenn. Car-door.....	857,360	June 18	3723	786	128	2709
Neville, Thomas, and H. A. Thayer, Oshkosh, Wis. Automobile-truck.....	864,680	Aug. 27	4042	1122	129	3434
Nevin, Dick Q. (See Nevin, James L. and D. Q.)						
Nevin, James L. and D. Q., New Vienna, Ohio. Connection for table-legs.....	848,918	Apr. 2	638	128	127	1751
Nevins, Frederick, Brooklyn, N. Y., and W. B. Morewood, Elizabeth, N. J.; said Nevins assignor to said Morewood. Supporting terminal clip.....	872,741	Dec. 3	890	185	131	1307
Nevius, David. (See Liberty, Emery, assignor.)						
Nevius, John C., assignor of one-half to Standard Rubber Co., Trenton, N. J. Tooth-brush guard.....	851,550	Apr. 23	5683	1191	127	3139
Nevius, Peter M., and W. E. Barton, Seattle, Wash. Water-supply and drainage apparatus.....	851,100	Apr. 23	4774	1004	127	2915
New Britain Machine Company. (See Parks and Brown, assignors.)						
New Castle Electric Sign Company. (See Dennis, James M. and H. R., assignors.)						
New Castle Stamping Company. (See Clarke, Ralph, assignor.)						
New Century Engine Company. (See Field, Edward, assignor.)						
New Cyanide Process Company. (See Pitts, Thomas D., assignor.)						
New Departure Manufacturing Company. (See Rockwell, Albert F., assignor.)						
New Departure Manufacturing Company. (See Rockwell, Edward D., assignor.)						
New Departure Manufacturing Company. (See Townsend, Harry P., assignor.)						
New England Electric Co. (See Lawrence, Harry W., assignor.)						
New England Electric Company. (See McGavock, James, assignor.)						
New England Electric Company. (See Scott, James, assignor.)						
New England Whip Company. (See Doherty and Palmer, assignors.)						
New Era Machinery Company. (See Pierce, George H., assignor.)						
New Era Metallic Packing Manufacturing Company. (See Brooke, William M., assignor.)						
New Haven Clock Company. (See Porter, Wilson E., assignor.)						
New Idea Pulverizing Mill Company. (See Turman, Byron I., assignor.)						
New Jersey Car Spring & Rubber Co. (See Dickerson, George B., assignor.)						
New Jersey Patent Company. (See Aiken, Edward L., assignor.)						
New Jersey Patent Company. (See Aylsworth, Jonas W., assignor.)						
New Jersey Patent Company. (See Aylsworth and Dyer, assignors.)						
New Jersey Patent Company. (See Durand, Nelson C., assignor.)						
New Jersey Patent Company. (See Durand and Aiken, assignors.)						
New Jersey Patent Company. (See Edison, Thomas A., assignor.)						
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New Jersey Patent Company. (See Wangemann, Adelbert T. E., assignor.)						
New Jersey Patent Company. (See Weber, Peter, assignor.)						
New Jersey Screw Works. (See Hetherington, John, assignor.)						
New Jersey Wire Cloth Company. (See Scammell, Charles H., assignor.)						
New System Bullet Company. (See Piatkowski, John, assignor.)						
New York Adding Typewriter Company. (See Cram, Edwin B., assignor.)						
New York Air Brake Company. (See Bickel, Henry F., assignor.)						
New York Cigarette Machine Company. (See Boucher, Arthur L., assignor.)						
New York Couch Bed Company. (See Baker, Charles A., assignor.)						
New York Liquid Dispensing Machine Company. (See Cornish, Harry S., assignor.)						
New York Shipbuilding Company. (See Morse, Henry G., assignor.)						
New York Stamping Company. (See Wojdtkow, Louis, assignor.)						
New York Telephone Company. (See Merritt, Benjamin F., assignor.)						
New York Vitak Company. (See Rector, Enoch J., assignor.)						
Newald, Edward M., Gillett, Wis. Adjustable-tab guide-card.....	850,245	Apr. 16	3137	656	127	2461
Newark Safety Razor Company. (See Steinharter, Joseph J., assignor.)						
Newark Watch Case Material Company. (See Milne, Alexander, assignor.)						
Newaygo Portland Cement Company. (See Bell, Willard J., assignor.)						
Newbaker, John J., Steelton, Pa. Brake-shoe.....	846,755	Mar. 12	2087	457	127	561
Newbaker, William L., assignor of one-half to H. Erichson, Wilkinsburg, Pa. Automatic slide-valve lubricator.....	853,724	May 14	2749	564	128	740
Newbauer, Henry R. (See Meyer, Albert G., assignor.)						
Newbegin, Edward, assignor to Adam Appell Co., Portland, Ore. Liquid-receptacle.....	844,037	Feb. 12	2340	501	126	2412
Newberry, Jefferson, Lumberton, N. C. Leather-polish.....	854,755	May 28	4791		128	1322
Newberry, John T., Norfolk, Va. Hedge-trimmer.....	854,594	May 21	4453	926	128	1206
Newberry, Spencer B., Sandusky, Ohio. Waterproof Portland cement and making same.....	851,247	Apr. 23	5081		127	2991
Newberry, William W., Dothan, Ala. Land-marker for corn-planters.....	864,384	Aug. 27	3542	984	129	3277
Newberg, John W., Brooklyn, N. Y. Machine for marbling paper.....	855,474	June 4	61	13-14	128	1710
Newbery, John W., J. M. Reed, and M. T. Kuhlkin, New York, N. Y., assignors to Monarch Coated Paper Company. Machine for marbling paper.....	858,203	June 25	5416	1154-5	128	3166
Newbold, Fleming, Washington, D. C. Rotary printing-press.....	844,461	Feb. 19	3206	692	126	2667
Newby, Harmon T., Marion, Ind. Collapsible box.....	871,614	Nov. 19	3081	765	131	870
Newby, Harry A., Loxa, Ill. Adjustable horse-collar.....	864,328	Aug. 27	3457	963	129	3250

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Newby, John C. (See Long, William, assignor.)						
Newcomb, Charles L., Holyoke, Mass., assignor to International Steam Pump Company, New York, N. Y. Pump	871,357	Nov. 19	2539	652	131	785
Newcomb, David L., San Diego, Cal. Counter	848,843	Apr. 2	489	96	127	1711
Newcomb, Louise S., New York, N. Y. Buttonhole-strip	870,988	Nov. 12	1794	489	131	611
Newcomb, Michael P., Priest River, Idaho. Journal-box	847,992	Mar. 19	4603	1009	127	1211
Newcome, Thomas J., Jamisonville, assignor of one-half to J. C. Hirst, Reynoldsville, Pa. Coal-mining machine	874,028	Dec. 17	3495	743	131	1799
Newell, Allen, Guadalajara, Mexico. Railway-tie and rail-fastening	851,551	Apr. 23	5684	1191	127	3140
Newell, Edgar C., Hoopeston, Ill. Building-block for chimneys	849,694	Apr. 9	2117	435	127	2162
Newell, Edward M., St. Vincent, Minn. Match-safe	846,756	Mar. 12	2088	458	127	561
Newell, Frank C., Wilkinsburg, assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Electric brake	841,709	Jan. 22	3840	835-6	126	1100
Newell, Frank C., Wilkinsburg, assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Electric switch mechanism	851,691	Apr. 30	5996	1252-3	127	3249
Newell, Frank C., Wilkinsburg, assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Electric heater or rheostat	854,834	May 28	4957	1031	128	1365
Newell, Frank C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric switch mechanism	846,340	Mar. 5	1234	272	127	311
Newell, Frank C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric switch mechanism	851,690	Apr. 30	5993	1250-2	127	3249
Newell, Frank C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric regulator	865,516	Sept. 10	1186	338	130	390
Newell, Frank C., and A. England, Wilkinsburg, assignors to Westinghouse Air Brake Company, Pittsburg, Pa. Crimping-machine	847,683	Mar. 19	3955	863	127	1059
Newell, Frank C., Wilkinsburg, and E. H. Dewson, Edgewood Park, assignors to Westinghouse Air Brake Company, Pittsburg, Pa. Electric brake	841,710	Jan. 22	3846	836	126	1101
Newell, Frederick W., Hastings-upon-Hudson, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Automatic motor-controlling apparatus	857,191	June 18	3415	720	128	2631
Newell, Isaiab, Haverhill, Mass. Self-closing faucet	862,009	July 30	5709	1584	129	1987
Newell, James L., Coal City, Ill. Abrading apparatus	861,138	July 23	4350	1193	129	1529
Newell, Thomas, Waterville, assignor to American Pin Company, Waterville, Conn. Curtain-rod ornament	857,658	June 25	4303	908	128	2885
Newey, Alfred H., Sutton Coldfield, assignor of one-half to W. J. Seal, Birmingham, England. Ventilator	854,595	May 21	4454	926	128	1206
Newhall, Henry B. (See Hiss, William J., Jr., assignor.)						
Newkirk Glass Company. (See George and Shortle, assignors.)						
Newley, Frederick P., Leytonstone, assignor to C. Nurse and Company, London, England. Attachment for tool-handles	859,006	July 2	1086	286	129	370
Newlove, Frank H., Corning, Kans., assignor of one-half to W. E. Newlove, St. Joseph, Mo. Self-setting rat and mouse trap	861,222	July 23	4479	1228	129	1571
Newlove, William E. (See Newlove, Frank H., assignor.)						
Newman, Abraham A., Chicago, Ill. Box for patrol-stations	843,293	Feb. 5	941	190	126	2030
Newman, Abraham A., Chicago, Ill. Employee's time-recorder	864,483	Aug. 27	3691	1028-9	129	3329
Newman, Albert T., assignor of one-half to E. McClure, Greeley, Kans. Water and gas separator	856,088	June 4	1213	257	128	1999
Newman, Charles, Elizabeth, N. J. Reinforcing telephones	850,484	Apr. 16	3593	751	127	2579
Newman, Charles O., Jackson county, Mo. Glass ornamentation for panels, floors, &c.	850,538	Apr. 16	3695	773	127	2606
Newman, Erik A. (See Hoffman and Newman.)						
Newman, Evalyn M., Evanston, assignor to H. L. Ward, Oak Park, Ill. Nut-lock	845,250	Feb. 26	5024	1069	126	3157
Newman, Floyd W., Bradford, Pa. Nut-lock	861,139	July 23	4351	1193	129	1530
Newman, Floyd W., Bradford, Pa. Fireproof door, shutter, and the like	872,534	Dec. 3	469	98	131	1239
Newman, Frederick J., Chicago, Ill. Window-frame for flexible curtains	856,542	June 11	2173	447	128	2277
Newman, Frederick J., assignor to Woods Motor Vehicle Company, Chicago, Ill. Driving mechanism for automobiles	856,486	June 11	2071	426	128	2252
Newman, Isaac M., Hewins, Kans. Draining and irrigating apparatus	862,276	Aug. 6	281	79	129	2170
Newman, James A., Columbus, Ohio. Clothes-rack	868,112	Oct. 15	1412	397	130	1787
Newman, Louis H., et al. (See Laube, Godfried and G. C. G., assignors.)						
Newman Manufacturing Co. (See Newman and Bothwell, assignors.)						
Newman, Martin F., Wilkinsburg, assignor to Wm. B. Scaife & Sons Company, Pittsburg, Pa. Feeding device for water-purifying apparatus	854,522	May 21	4314	893	128	1172
Newman, Samuel, Cincinnati, Ohio. Display outfit	845,887	Mar. 5	332	68	127	85
Newman, Samuel, and H. R. Bothwell, assignors to Newman Manufacturing Co., Cincinnati, Ohio. Display outfit	846,690	Mar. 12	1958	431	127	528
Newman, Samuel B., assignor to Ideal Novelty Manufacturing Co., Cleveland, Ohio. Top-spinning pistol	846,047	Mar. 5	665	140	127	170
Newman, Stephen A., assignor of one-half to A. L. Brown, Cassville, Mo. Safety-pin	849,558	Apr. 9	1881	383	127	2103
Newman, Thomas H., Pittsburg, Pa. Inkstand	855,124	May 28	5570	1157	128	1518
Newman, William H. (See Krug, Oscar A., assignor.)						
Newman, William J., Chicago, Ill. Excavating apparatus	860,102	July 16	2752	751-2	129	974
Newman, William J., Chicago, Ill. Power transmission for excavating apparatus	860,103	July 16	2753	752	129	974
Newmann, George F., Chicago, Ill., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	845,251	Feb. 26	5027	1069-71	126	3158
Newnam, Thomas, White Springs, Fla. Apparatus for extracting by-products from wood	848,484	Mar. 26	5539	1207	127	1483
Newport, Rollen O., Garden City, Kans. Spring-wheel	862,410	Aug. 6	507	135	129	2245
Newport, Thomas L., Quincy, Ill. Combined display shelf and rack	862,841	Aug. 6	1219	328	129	2456
Newsom, Millard F., Cross Cut, Tex. Rake-head	840,647	Jan. 8	1728	381	126	487
Newsom, Thomas J. (See Thompson and Newsom.)						
Newsome, Ben F. (See Petterson and Newsome.)						
Newsom, Reginald J., Toronto Junction, Ontario, Canada. Umbrella and walking-stick attachment	867,403	Oct. 1	262	76	130	1393
Newton, Albert E., Worcester, Mass. Gearing for milling-machines, &c.	844,390	Feb. 19	3082	662	126	2635
Newton, Albert S., Providence, R. I. Waste-trap	863,308	Aug. 13	1936	523	129	2717
Newton, Anna F., Madison, Kans. Kitchen utensil	861,603	July 30	5102	1400	129	1805
Newton, Charles, assignor to Standard Spoke & Nipple Company, Torrington, Conn. Automatic coaster and brake hub	863,422	Aug. 13	2092	563	129	2769
Newton, Charles, and F. E. Brown, assignors to Standard Spoke & Nipple Company, Torrington, Conn. Two-speed and automatic coaster and brake hub	863,423	Aug. 13	2093	563-5	129	2769
Newton, Charles, and F. E. Brown, assignors to Standard Spoke & Nipple Company, Torrington, Conn. Two-speed and automatic coaster and brake hub	863,424	Aug. 13	2097	565	129	2771
Newton, Charles, and F. E. Brown, assignors to Standard Spoke & Nipple Company, Torrington, Conn. Two-speed and automatic coaster and brake hub	863,425	Aug. 13	2099	565	129	2771
Newton, Charles, and F. E. Brown, assignors to Standard Spoke & Nipple Company, Torrington, Conn. Two-speed and automatic coaster and brake hub	863,426	Aug. 13	2100	565	129	2771
Newton, Charles L., Cincinnati, Ohio. Nutmeg container and grater	853,725	May 14	2751	566	128	740

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Newton, Charles W., Kansas City, Mo. Measure.....	871,814	Nov. 26	3480	853	131	963
Newton, Edward C., assignor of one-half to W. Pickersgill, Reno, Nev. Switch for overhead railways.....	848,681	Apr. 2	122	26	127	1617
Newton, Frank H., Greenville, S. C. Garment-supporter.....	862,010	July 30	5710	1584	129	1987
Newton, Frank H., Greenville, S. C. Skirt-holder.....	866,669	Sept. 24	2936	831	130	1009
Newton, George H., assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. Screw-machine.....	857,893	June 25	4765	1011-13	128	3000
Newton, John C. (See Till and Newton.)						
Newton, John F., Jr., Boston, Mass. Hanger-strap or handhold for cars.....	863,935	Aug. 20	2862	788	129	3040
Newton Machine Tool Works. (See Hannum, Ellis J., assignor.)						
Newton, William F., Spokane, Wash. Lineman's safety device.....	869,382	Oct. 29	3416	939	130	2460
Newton, William G., assignor to Peck Bros. & Co., New Haven, Conn. Knee-action supply-fixture for lavatories.....	853,726	May 14	2752	566	128	741
Newton, William J., et al. (See Nelson, Emil A., assignor.)						
Newton, William T. (See Grant and Newton.)						
Ney Manufacturing Company. (See Thurston, Mathias, assignor.)						
Ney, Robert W., Cleveland, Ohio, assignor to American Steel & Wire Company, Chicago, Ill. Multiple fence-shear.....	866,050	Sept. 17	2030	566-7	130	694
Neyland, Cary A., Lewiston, Idaho. Pump.....	847,201	Mar. 12	2970	654	127	780
Niagara Falls Metal Stamping Works. (See Eldridge and Willers, assignors.)						
Niagara Forged Steel Company. (See Cooper, Henry R., Sr., assignor.)						
Niagara Forged Steel Company. (See Woodcock, William H., assignor.)						
Niagara Hydraulic Engine Company. (See Francfort, Alfred H., assignor.)						
Nial, Matthew, Brooklyn, N. Y. Flying-machine.....	851,895	Apr. 30	6399	1336	127	3356
Nibelius, Axel W., Hackettstown, N. J. Recovering sodium sulfate and sulfuric acid.....	873,070	Dec. 10	1615	337	131	1451
Nicault, Jules. (See Gueniffet and Nicault.)						
Nice, William, Jr., Ogontz, Pa. Ball-bearing.....	856,599	June 11	2286	470	128	2307
Nice, William, Jr., Ogontz, Pa. Pressed-steel wheel.....	859,099	July 2	1209	325	129	409
Nice, William, Jr., Ogontz, Pa., assignor to Pressed Steel Manufacturing Company, Ateo, N. J. Wheel.....	871,518	Nov. 19	2900	726	131	839
Nicewarner, Theodore G., Belington, W. Va., assignor of three-fourths to G. E. Cain, W. W. Teter, and Ware & Viquesney. Apparatus for thawing ice from ice-cans.....	861,477	July 30	4915	1349	129	1744
Nichol, William F., and D. E. Lacey, St. Louis, Mo. Combination adjustable gas or gasoline saver and heat-controller.....	845,315	Feb. 26	5170	1097	126	3194
Nicholas, George E. (See Stump, Hollman, and Nicholas.)						
Nicholls, John, Fayette City, Pa. Railway-tie and rail-fastener.....	844,827	Feb. 19	4205	897	126	2909
Nicholls, John S. C., Boston, Mass. Heating system.....	845,371	Feb. 26	5284	1121	126	3221
Nicholls, L. S., et al. (See Gourley, John L., assignor.)						
Nicholls, William T. (See Bayless, John, assignor.)						
Nicholls, William T., Wellsburg, assignor to Monarch Tile Company, Weston, W. Va. Manufacture of glass sheets.....	862,503	Aug. 6	674	182	129	2297
Nicholls, William T., Wellsburg, assignor to Monarch Tile Company, Weston, W. Va. Machine for grinding and finishing tiles and other articles.....	868,577	Oct. 15	2138	597-8	130	2009
Nicholls, William T., Wellsburg, assignor to Monarch Tile Company, Weston, W. Va. Method and apparatus for making glass sheets.....	868,578	Oct. 15	2139	598-9	130	2010
Nichols, Atherton B., Hastings, Minn. Interlocking building-block.....	855,657	June 4	402	84	128	1797
Nichols, Benjamin, Seattle, Wash. Knife-sharpener.....	839,877	Jan. 1	151	35	126	43
Nichols, Charles H., Ruby, Wis. Pump-rod coupling.....	857,659	June 25	4304	909	128	2885
Nichols, Charlie M., Beaumont, Tex. Polishing-machine.....	873,583	Dec. 10	2615	551	131	1620
Nichols, Daniel W. and G. M., Faribault, Minn. Vehicle-wheel.....	858,818	July 2	804	210	129	279
Nichols, Edward, Cohasset, Mass. Corner-strip.....	844,391	Feb. 19	3083	662	126	2635
Nichols, Edward, Cohasset, Mass. Reinforced concrete construction.....	869,724	Oct. 29	3971	1097-8	130	2628
Nichols, Elmer P., assignor to Lacene Manufacturing Company, Manchester, N. H. Evening and grading machine.....	841,809	Jan. 22	4050	874	126	1154
Nichols, Emory I., San Francisco, Cal. Sanitary dust-removing device.....	844,535	Feb. 19	3385	729	126	2710
Nichols-Fifield Shoe Machinery Company. (See Lyon, Harry, assignor.)						
Nichols, Frank M., et al. (See McKee, Thomas A., assignor.)						
Nichols, George H., assignor of one-fourth to W. T. Ainley, Norwalk, Conn. Mail-bag catcher.....	848,196	Mar. 26	4968	1087	127	1341
Nichols, George M. (See Nichols, Daniel W. and G. M.)						
Nichols, Henry B., Philadelphia, Pa. Grinding-machine.....	856,721	June 11	2522	518-19	128	2366
Nichols, Henry B., and G. B. Taylor, Philadelphia, Pa. Railway-track construction.....	860,558	July 16	3426	941-2	129	1197
Nichols, Henry D., Chicago, Ill., assignor of three-fourths to J. D. Kneeder, Sioux City, Iowa, J. M. Taylor and F. B. Harriman, Chicago, Ill. Fastening device for sliding doors.....	860,408	July 16	3216	880	129	1127
Nichols, Henry F., Adelaide, South Australia, Australia. Flexible wheel for motor and other vehicles.....	869,193	Oct. 22	3105	855	130	2336
Nichols, Henry H., Philadelphia, Pa. Switch-locking device and operating mechanism therefor.....	864,681	Aug. 27	4043	1123-4	129	3434
Nichols, Jesse W., Chicago, Ill. Pail.....	863,627	Aug. 20	2413	663	129	2898
Nichols, John M. (See Fraser and Nichols.)						
Nichols, Josiah, Lima, Ohio. Friction-buffer.....	865,054	Sept. 3	467	129	130	142
Nichols-Lintern Company. (See Lintern, William, assignor.) (Reissue.)						
Nichols, Louis C., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Transformer.....	873,166	Dec. 10	1794	376-7	131	1481
Nichols, Robert W., assignor to J. F. Fox, Indianapolis, Ind. Water-circulating means.....	856,900	June 11	2842	593	128	2446
Nichols, Walter A., Chicago, Ill. Reel.....	851,770	Apr. 30	6135	1282	127	3286
Nicholson, Alexander, and I. T. Rude, Chicago, Ill. Automobile-frame.....	846,599	Mar. 12	1794	395	127	486
Nicholson, Charles, Hatfield, near Doncaster, England. Carriage-window.....	850,958	Apr. 23	4514	944	127	2850
Nicholson, Charles F., Penn Grove, N. J. Shade and curtain bracket.....	847,100	Mar. 12	2765	611	127	728
Nicholson, George, Orangeville, Ontario, Canada. Pipe-wrench.....	857,825	June 25	4643	984	128	2971
Nicholson, Jesmond T., Wilkes-Barre, Pa. Drive-chain.....	840,240	Jan. 1	912	199	126	248
Nicholson, John H., assignor to National Tube Company, Pittsburg, Pa. Making seamless tubing.....	870,246	Nov. 5	584	157	131	191
Nicholson, John L. (See Wade and Nicholson.)						
Nicholson, Matthew H., Tyler, Tex. Cultivator.....	860,687	July 23	3655	1001	129	1305
Nicholson, Matthew H., Tyler, assignor to E. Rosenbaum, Dallas, Tex. Cultivator.....	841,171	Jan. 15	2787	608	126	797
Nicholson, Milton V. (See Ayers, Elmer C., assignor.)						
Nicholson, Robert H., Wilkes-Barre, Pa. Brake-operating mechanism.....	844,038	Feb. 12	2342	501-2	126	2412
Nicholson, Robert J., Chicago, Ill. Bookbinder. (Reissue.)	12,606	Feb. 12	2915	619	126	2555
Nicholson, Wayland B., Holly, Mich. Post-hole digger.....	843,765	Feb. 12	1837	391	126	2288
Nicholson, William, Wilkes-Barre, Pa. Driving-block.....	859,007	July 2	1087	286	129	370
Nichoson, Elmer, Lansing, Mich. Vibrating roller for printing-presses.....	853,109	May 7	1489	311	128	376
Nickel, Franklin C., J. E. Martin, and C. E. Blackburn, Jacksonville, Ill. Electric gas-igniter.....	852,342	Apr. 30	7280	1530	127	3577
Nickel James, McCracken, Kans. Buttonhole-shield.....	872,574	Dec. 3	554	114	131	1251

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Nickerson, William E., Cambridge, Mass., assignor to Automatic Weighing Machine Company, New York, N. Y. Flexible suspension.	849,418	Apr. 9	1585	321	127	2028
Nickless, William A., New York, N. Y. Garment-fastener.	844,178	Feb. 12	2604	558	126	2476
Nicks, John H., Halesboro, Tex. Cultivator attachment.	845,567	Feb. 26	5647	1196	126	3310
Nickum, Emma, Philadelphia, Pa. Sad-iron stand.	851,897	Apr. 30	6404	1337	127	3357
Niclausse, Albert. (See Niclausse, Jules and A.)						
Niclausse, Jules and A., Paris, France. Boiler-tube cleaner.	863,628	Aug. 20	2414	663-4	129	2899
Nicodemus, Abraham. (See Lippy and Nicodemus.)						
Nicol, William, Glasgow, Scotland. Weatherproof fitting for windows.	865,204	Sept. 3	673	192	130	204
Nicolaus, Frederic G., Cleveland, Ohio. Heating gas-burner.	849,634	Apr. 9	2018	414	127	2137
Nicolaus, Frederic G., assignor to Walworth Run Foundry Company, Cleveland, Ohio. Register and ventilator.	847,497	Mar. 19	3556	779-80	127	956
Nicolay, William H., New York, N. Y. Kick-board.	851,552	Apr. 23	5686	1191	127	3140
Nicols, Elizabeth A., administratrix. (See Nicols, Parshall D.)						
Nicols, Parshall D., deceased, Edgeworth borough, Pa.; E. A. Nicols, administratrix. Railway-tie.	848,197	Mar. 26	4973	1087	127	1343
Niebaum, William, Tonganoxie, Kans. Can-opener.	859,969	July 16	2541	690	129	905
Niebling, Frederick W., Cincinnati, assignor to F. W. Niebling Company, Norwood, Ohio. Compression-pump.	851,248	Apr. 23	5082	1069	127	2991
Niebuhr, Henri, Hanover, assignor to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Device for transforming variable motions into uniform motions.	874,529	Dec. 24	4573	959	131	1997
Niederlander, Donald R. (See Scott, William H., assignor.)						
Niederlander, Nicholas F., St. Louis, Mo., assignor to Westinghouse Automatic Air & Steam Coupler Company, East St. Louis, Ill. Device for operating train-pipe cocks.	839,878	Jan. 1	152	35	126	43
Niedermier, Peter L., Harvey, La. Grapple.	852,897	May 7	1081	223	128	277
Niell, Magnus, New York, N. Y. Card-case.	842,002	Jan. 22	4435	955	126	1247
Nielsen, Andrew B., Downers Grove, Ill. Combined chair and crib.	864,855	Sept. 3	146	41	130	46
Nielsen, Carl, Copenhagen, Denmark. Fastening of hose-pipes to pipe ends.	852,237	Apr. 30	7101	1485	127	3533
Nielsen, Corfitz, Sacramento, Cal. Marking-gage for rules.	848,387	Mar. 26	5360	1168	127	1437
Nielsen, James, Lake Forest, Ill. Propeller.	870,639	Nov. 12	1218	329-30	131	432
Nielsen, Laurits M., Brooklyn, N. Y. Machine for sealing and stamping envelops.	859,830	July 9	2317	630-1	129	804
Nielsen, Laurits M., assignor to Agnew Auto Mailing Machine Company, Boston, Mass. File-drawer.	859,831	July 9	2326	632	129	807
Nielsen, Laurits M., assignor to Agnew Auto Mailing Machine Company, Boston, Mass. Package-feeding machine.	869,725	Oct. 29	3973	1098-9	130	2629
Nielsen, Niels C., Denver, Colo. Colored-light-display mechanism.	845,568	Feb. 26	5648	1196-7	126	3311
Nielsen, Sören P. (See Eriksson and Nielsen.)						
Niemann, Edward F. (See Niemann, William L., assignor.)						
Niemann, Henry. (See Buchhop and Niemann.)						
Niemann, John H. M., Chamois, Mo. Shock-loader.	851,203	Apr. 23	4989	1048	127	2969
Niemann, Lewis B., Staplehurst, Nebr. Telephone system.	857,480	June 18	3952	840	128	2765
Niemann, William L., assignor of one-half to E. F. Niemann, Mount Olive, Ill. Trap-nest.	863,936	Aug. 20	2863	788	129	3041
Niemeyer, Herman H., A. E. Lehmann, and A. Sinskey, St. Charles, Mo. Curtain-rod for sleeping-car berths.	862,097	July 30	5861	1625	129	2036
Niemeyer, William H., Baltimore, Md. Combined baby-walker and swing.	851,249	Apr. 23	5084	1070	127	2991
Niemeyer, William H., Baltimore, Md. Bottle cap or closure.	872,672	Dec. 3	743	155	131	1285
Niendam, Marcus P., assignor to C. E. Potter, Los Angeles, Cal. Non-refillable bottle.	851,896	Apr. 30	6403	1337	127	3357
Nienstadt, August E., Newark, N. J., assignor of one-half to G. H. Rosenblatt, New York, N. Y. Explosive.	841,172	Jan. 15	2788	-----	126	798
Niesen, Hubert, Marinette, Wis. Metal building.	844,179	Feb. 12	2605	558	126	2476
Niewind, Harry. (See Niewind, Lawrence and H.)						
Niewind, Lawrence and H., Cincinnati, Ohio. Composition of matter to be used for sanitary sweeping purposes.	858,413	July 2	80	-----	129	27
Niggel, Fred J., Jeannette, Pa. Tick-tack.	872,962	Dec. 3	1348	285	131	1379
Nihart, Orrin H. (See Luke, David F., assignor.)						
Niklaus, Charles F., et al. (See Houze, Luke, assignor.)						
Nikonow, John P., Pittsburg, Pa. Bottle-closure.	841,426	Jan. 15	3288	709	126	925
Nikonow, John P., Pittsburg, Pa. Bridge structure.	843,167	Feb. 5	664	139-40	126	1962
Nikonow, John P., Pittsburg, Pa. Turbine and regulating means therefor.	862,187	Aug. 6	124	34-5	129	2122
Nikonow, John P., Pittsburg, Pa. Box-closure.	863,427	Aug. 13	2101	566	129	2772
Nikonow, John P., Pittsburg, Pa. Ventilator.	863,428	Aug. 13	2102	566	129	2772
Niles-Bement-Pond Company. (See Benson, Charlie E., assignor.)						
Niles-Bement-Pond Company. (See Bryan, John H. B., assignor.)						
Niles-Bement-Pond Company. (See Culien and Reiss, assignors.)						
Niles-Bement-Pond Company. (See Greenleaf, George E., assignor.)						
Niles-Bement-Pond Company. (See Hagman, William J., assignor.)						
Niles-Bement-Pond Company. (See Reiss, George T., assignor.)						
Niles-Bement-Pond Company. (See Reiss and Clark, assignors.)						
Niles-Bement-Pond Company. (See Reiss and Wood, assignors.)						
Niles-Bement-Pond Company. (See Sears, Willard T., assignor.)						
Niles-Bement-Pond Company. (See Strobel and Hogrebe, assignors.)						
Niles-Bement-Pond Company. (See Teas, Daniel H., assignor.)						
Niles-Bement-Pond Company. (See Wood, Augustus, assignor.)						
Niles, Charles M., Cathay, N. D. Bottle.	859,100	July 2	1209	325	129	409
Niles, Walter L. C., Lynn, Mass. Shoe-tree.	840,008	Jan. 1	425	92	126	116
Nill, Conrad. (See Girtanner and Nill.)						
Nilson, Axel H., assignor to A. H. Nilson Machine Company, Bridgeport, Conn. Automatic feeding-machine.	867,404	Oct. 1	263	77-8	130	1394
Nilson, Carl L., Montreal, Quebec, Canada. Locomotive.	859,970	July 16	2542	690-1	129	905
Nilson, John. (See Woodson, Knight, and Nilson.)						
Nilson, Nils, Wayzata, Minn. Automatic weighing-scale.	842,576	Jan. 29	5664	1198	126	1593
Nilson, Nils, Wayzata, Minn. Automatic weighing-scale.	842,688	Jan. 29	5937	1251-2	126	1661
Nilson, Nils, assignor of one-half to C. B. Grimshaw, New York, N. Y. Self-closing valve.	844,180	Feb. 12	2606	553	126	2476
Nilsson, Ernst R. E., Astoria, Oreg. T-square.	852,077	Apr. 30	6802	1416-17	127	3458
Nilsson, Frans O., and J. A. Jonson, assignors to Aktiebolaget Vincenrifugen, Stockholm, Sweden. Centrifugal filter.	868,288	Oct. 15	1672	472	130	1868
Nilsson, John E., Sioux Falls, S. D. Horse-detacher.	848,388	Mar. 26	5362	1168	127	1438
Nilsson, John W., Balfour, N. D. Cultivator.	872,575	Dec. 3	554	114-15	131	1252
Nilsson, Lars A., Katrineholm, Sweden. Boring-chuck.	848,566	Mar. 26	5698	1247	127	1522
Nilsson, Valfrid, assignor to C. O. Rydholm & Co., Stockholm, Sweden. Cravat-holder.	853,591	May 14	2456	512	128	663
Nimmo, Fernando, West Point, Ark. Bunk-block.	849,261	Apr. 2	1293	262	127	1918
Nims, Alvin F., Philadelphia, N. Y. Concrete-mixing machine.	851,553	Apr. 23	5687	1192	127	3140
Nims, Alvin F., Philadelphia, N. Y. Concrete-measuring machine.	851,554	Apr. 23	5691	1192	127	3141
Nims, Francis W., assignor to himself, A. Thomas, and W. Richardson, Worcester, Mass. Roller-bearing.	844,392	Feb. 19	3086	663	126	2636

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Nims, Francis W., assignor to himself, A. Thomas, and W. Richardson, Worcester, Mass. Tape-pulley for spinning or twisting machines.....	853,371	May 14	2038	422	128	555
Nims, Franklin A., Greeley, Colo. Truss.....	843,168	Feb. 5	667	140	126	1963
Nind, Frederick G., and F. Julyan, assignors to Nind Paper Folder Company, Chicago, Ill. Paper-folding machine.....	840,509	Jan. 8	1460	322-3	126	419
Nind Paper Folder Company. (See Nind and Julyan, assignors.)						
Nineteen Hundred Washer Co. (See Winans, Thomas J., assignor.)						
Nisbet, David F., Wilkensburg, Pa. Gas-purifier.....	872,576	Dec. 3	556	115-16	131	1252
Nishimoto, Kenzaemon, San Francisco, Cal. Soap-box.....	846,936	Mar. 12	2455	538	127	653
Nishimoto, Kenzaemon, Oakland, Cal. Soap-box.....	853,824	May 14	2950	605	128	790
Nishizaki, Den-ichiro, Tokyo, Japan. Elastic-fluid turbine.....	848,485	Mar. 26	5541	1207-9	127	1484
Nishizaki, Den-ichiro, Tokyo, Japan. Elastic-fluid turbine.....	848,486	Mar. 26	5544	1209-10	127	1485
Nishizaki, Den-ichiro, Tokyo, Japan. Turbine-regulator.....	848,487	Mar. 26	5545	1210	127	1485
Nissen Engineering Company. (See Nissen, George H., assignor.)						
Nissen, George H., Toronto, Ontario, Canada, assignor, by mesne assignments, to Nissen Engineering Company. One-stamp-mill mortar.....	862,098	July 30	5862	1625	129	2036
Nissinen, Toimi A. (See Mustonen and Nissinen.)						
Niven, Andrew M., et al. (See Glossop, Gilbert, assignor.) (Reissue.)						
Niven, John W. C., et al. (See Glossop, Gilbert, assignor.) (Reissue.)						
Niven, Robert, et al. (See Glossop, Gilbert, assignor.) (Reissue.)						
Nix, James L., Homer City, Pa. Thermostat.....	857,298	June 18	3609	764	128	2680
Nix, Martin, assignor to Merle & Heaney Manufacturing Company, Chicago, Ill. Combined billiard and pool table.....	853,316	May 14	1939	401	128	531
Nixholm, Calle P., Melrose, assignor of one-half to C. A. Nixholm, Butte, Mont. Lock.....	857,192	June 18	3418	720	128	2632
Nixholm, Carl A. (See Nixholm, Calle P., assignor.)						
Nixon, Charles H., Cleveland, Ohio. Non-raisable check.....	861,881	July 30	5528	1525	129	1931
Nixon, Jacob, Stockport, Iowa. Corn-harvester.....	870,247	Nov. 5	585	157-8	131	191
Nixon Mining Drill Company, Inc. (See Mallory and Slaughter, assignors.)						
Nixon, Morris B., New York, assignor to A. P. Little, Rochester, N. Y. Ribbon-holder for type-writers.....	873,071	Dec. 10	1617	337	131	1452
Noa, Emanuel. (See Schwarzberg and Noa.)						
Noack, Hugo, Stamford, and H. Maring, Darien, Conn. Waterproof building-block.....	865,654	Sept. 10	1398	396	130	456
Noah, William T., Elon College, N. C. Spindle-driving mechanism.....	874,614	Dec. 24	4732	994	131	2025
Noble, Bion E. G., Baldwin, Me. Garment-supporter clasp.....	855,802	June 4	690	141	128	1871
Noble, Frank H., Chicago, Ill. Pin.....	853,258	May 14	1794	373	128	487
Noble, Frederick, and F. Wietzer, Rocky Ford, Colo. Refuse-separator for beets.....	867,293	Oct. 1	97	30	130	1344
Noble, Jacob W. (See Sandrock, Noble, and O'Dell.)						
Noble, Jay, St. Louis, Mo. Switch-point lock.....	849,491	Apr. 9	1755	355	127	2071
Noble, Joseph B. R., Washington, Pa. Mosquito netting and bar.....	851,429	Apr. 23	5447	1141	127	3085
Noble, Laz, trustee. (See Jameson, Alexander, assignor.)						
Noble, Nellie B., Ithaca, N. Y. Bedstead.....	846,236	Mar. 5	1037	222-3	127	264
Noble, Ralph E., Chicago, Ill. Spring for trolleys and harps.....	862,277	Aug. 6	284	80	129	2171
Noble, Ralph E., assignor to Morgan-Gardner Electric Company, Chicago, Ill. Ring for connecting wires.....	845,252	Feb. 26	5030	1070	126	3158
Nobles, Frank T., McCloud, Cal. Manually-propelled sled.....	848,488	Mar. 26	5547	1210	127	1485
Noblet, Eldridge A., Heavener, Ind. Ter. Nail-clenching tool.....	864,682	Aug. 27	4045	1124	129	3435
Noblett, E. J. (See Pringle, George W., assignor.)						
Nock, Rupert A., Newark, N. J., assignor to William B. Kerr Company. Frame and back-retaining device therefor.....	872,673	Dec. 3	744	155	131	1285
Noe, Benjamin S., Berrien Center, Mich. Basket-machine.....	856,901	June 11	2843	594	128	2446
Noé, Felix, Cologne-Ehrenfeld, Germany. Grinding-machine.....	863,937	Aug. 20	2864	788	129	3041
Noe, George L., and C. S. Weiland, Elko, Nev. Hinge.....	845,971	Mar. 5	505	104	127	131
Noecker, Harry M., Washington, Iowa. Rifle.....	847,967	Mar. 19	4552	1000	127	1199
Noeggerath, Jakob E., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine.....	854,756	May 28	4792	995-7	128	1322
Noeggerath, Jakob E., Schenectady, N. Y., assignor to General Electric Company. Frequency-changer.....	872,535	Dec. 3	472	98	131	1240
Noeggerath, Jakob E., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine.....	873,072	Dec. 10	1618	337	131	1452
Noel, Frederick E. (See Bell and Noel.)						
Noel, Louis, Indian Orchard, Mass. Gate-valve.....	854,523	May 21	4315	893	128	1173
Noël, Louis A., Paris, France. Spring-wheel.....	846,937	Mar. 12	2456	538	127	653
Noël, Louis A., Paris, France. Spring-wheel.....	846,938	Mar. 12	2457	539	127	654
Noelting, Bernhard H. (See Campbell and Noelting.)						
Noetzel, Paul C., New York, assignor to Sweet, Orr & Company, Newburgh, N. Y. Trousers and belt fastener.....	871,884	Nov. 26	3643	888	131	988
Noguera, Enrique, assignor to P. Rienäcker, Barcelona, Spain. Type-writer cylinder.....	860,559	July 16	3428	942	129	1198
Noiseless Compressor and Air Brake Company. (See Hall, Milan W., assignor.)						
Nozinger, Dan, Leslie, Ark. Combined hay gatherer and press.....	862,504	Aug. 6	676	183	129	2297
Nolan, Cornelius J., assignor to Libbey Glass Company, Toledo, Ohio. Tube-forming apparatus.....	865,517	Sept. 10	1187	338	130	391
Nolan, Frank J., assignor to Automatic Trolley Guard Company, Buffalo, N. Y. Safety-guard for trolley-wheels.....	872,674	Dec. 3	750	155	131	1286
Nolan, Frederick T., Crystal River, Fla. Shaft-packing.....	846,237	Mar. 5	1039	223	127	264
Nolan, George E., Chehalis, Wash. Bottle.....	856,543	June 11	2174	448	128	2278
Nolan, James M., assignor of two-thirds to W. H. Wilson and C. Rasmussen, New Haven, Conn. Folding seat for automobiles.....	855,125	May 28	5571	1157	128	1519
Nolan, James M., assignor of two-thirds to W. H. Wilson and C. Rasmussen, New Haven, Conn. Folding-seat frame for automobiles.....	873,453	Dec. 10	2347	493	131	1576
Nolan, Johnston, Philadelphia, Pa. Valve.....	851,370	Apr. 23	5333	1118	127	3054
Nolan, Lawrence, New York, N. Y. Bracket.....	871,615	Nov. 19	3082	766	131	870
Nolan, Martin J., Philadelphia, Pa., assignor, by mesne assignments, to National Slag Construction Company. Railway-tie.....	869,645	Oct. 29	3856	1055	130	2594
Nolan, Richard P., Havelock, Ontario, Canada. Automatic warning-signal for air-brake systems.....	869,323	Oct. 29	3331	915	130	2433
Nolan, Thomas F., New York, N. Y. Platen or roller for type-writing machines.....	854,429	May 21	4149	859	128	1131
Nolan, William J., St. Louis, Mo. Boat.....	861,045	July 23	4220	1155-6	129	1485
Nolen, Hilry B., Lamar, Wash. Wagon-tongue.....	853,110	May 7	1490	311	128	376
Nolen, James G. (See Cook and Nolen.)						
Nolen, James G. (See Hewitt and Nolen.)						
Nolen, James G. (See McElroy, Shepherd, and Nolen.)						
Nolen, James G., assignor of one-half to F. B. Cook, Chicago, Ill. Fire-alarm system.....	846,502	Mar. 12	1585	351-2	127	433
Nolen, James G., assignor to F. B. Cook, Chicago, Ill. Electrothermal switch.....	861,310	July 30	4630	1266	129	1656
Nolen, James G., Chicago, Ill., assignor, by mesne assignments, to Automatic Fire Protection Company. Fire-protection system.....	860,605	July 16	3512	967	129	1225

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Nolen, James G., Chicago, Ill., assignor, by mesne assignments, to Automatic Fire Protection Company. Valve.....	863,553	Aug. 13	2282	623	129	2825
Nolen, James G., Chicago, Ill., and J. D. Nolen, Toledo, Ohio; said James G. Nolen assignor, by mesne assignments, to Automatic Fire Protection Company. Automatic fire-extinguisher supervisory system.....	860,560	July 16	3428	942-3	129	1198
Nolen, John D. (See Nolen, James G. and J. D.).....						
Nolen, Willie P., Gethsemane, Ark. Toilet and shoe-polishing outfit.....	862,988	Aug. 13	1428	388-9	129	2557
Noles, Wilson, Montrose, Iowa. Shaft or tongue support for vehicles.....	841,041	Jan. 8	2510	547	126	682
Nolet, Maurice, Manchester, N. H. Stop-motion for roving-frames.....	872,963	Dec. 3	1349	285	131	1379
Nolf, Arnold, Copenish, Mich. Cultivator.....	847,101	Mar. 12	2766	611-12	127	728
Noll, George, Winchester, Kans. Compost digger and elevator.....	873,260	Dec. 10	1969	412	131	1511
Nolle, Ernst, Weissenfels, Germany. Apparatus for bending or coiling of metal bars, strips, wire, &c.....	847,102	Mar. 12	2768	612	127	729
Nolte, Frederick F., et al. (See Luckenbach, Harry, assignor.).....						
Nolte, George F., Evansville, Ind. Fire-box.....	858,747	July 2	668	176	129	231
Nolte, Louis H., assignor to Ferro-Concrete Construction Company, Cincinnati, Ohio. Concrete-floor construction.....	859,511	July 9	1838	495	129	648
Nolte, Walter. (See Ensign, Ely, assignor.).....						
Nothenius, Hugo T., Delft, Netherlands. Apparatus for transposing the key-note in performances of the pianola.....	847,022	Mar. 12	2621	576	127	694
Nolty, Jacob J., Canal Dover, Ohio. Milk-pail.....	844,614	Feb. 19	3771	795	126	2797
Non-Explosive Safety Naphtha Container Company. (See McNutt, William H., assignor.).....						
Nonnast, Herman, and W. Tesar, Chicago, Ill. Pedestal extension-table.....	851,307	Apr. 23	5214	1093-4	127	3026
Nonnast, Louis F. (See Brosius, Aaron, assignor.).....						
Noon, Herbert E., Brooklyn, N. Y., assignor to Singer Manufacturing Company. Needle-threading machine.....	875,282	Dec. 31	6075	1268-9	131	2267
Noon, Michael H. et al. (See Ross, Thomas S., assignor.).....						
Noonan, Michael H., Modesto, Cal. Garden implement.....	867,224	Sept. 24	3805	1074	130	1288
Noonan, Thomas, Chicago, Ill. Fire-escape.....	841,265	Jan. 15	2966	644-5	126	842
Noone, Francis P. (See Huntington, O'Neill, and Noone.).....						
Noonen, Thomas H., New Rochelle, N. Y. Necktie former and holder.....	851,430	Apr. 23	5448	1141	127	3085
Nootbaar, Ernst, Berlin, Germany. Holder for expanded umbrellas.....	840,241	Jan. 1	914	200	126	248
Noppel, Adolf E., Constance, Germany. Stable-flooring.....	861,882	July 30	5529	1525	129	1932
Norcross, Levi W., Fort Worth, Tex. Auxiliary piano-pedal.....	847,498	Mar. 19	3559	780	127	956
Norcross, Levi W., Fort Worth, Tex. Piano.....	849,559	Apr. 9	1882	383	127	2103
Norcross, Levi W., Fort Worth, Tex. Piano-pedal.....	857,299	Apr. 18	3610	764	128	2681
Norcross Moulding Machine Company. (See Norcross, William C., assignor.).....						
Norcross, William C., assignor to Norcross Moulding Machine Company, Terre Haute, Ind. Sand-molding machine.....	873,584	Dec. 10	2617	551	131	1621
Nord, Harry A., Kiron, Iowa. Vehicle-pole tip.....	866,382	Sept. 17	2524	703	130	851
Nordell, Peter E., trustee. (See Norton, James A., assignor.).....						
Norden, Emil, assignor to H. A. Streeter, Chicago, Ill. Railway-switch.....	855,067	May 28	5439	1127	128	1489
Nordfors, Conrad, Jersey City, N. J. Machine for molding candles.....	873,073	Dec. 10	1620	338	131	1452
Nordlander, Carl, Norway, Mich. Skee-stirrup.....	870,741	Nov. 12	1373	376	131	482
Nordlinger, Louis, New York, N. Y. Fireworks.....	840,242	Jan. 1	915	200	126	248
Nordquist, Louis R., Tampa, Fla. Rail-tie.....	873,585	Dec. 10	2619	552	131	1621
Nordstrom, Charles, assignor of one-half to P. V. Seitz, Milwaukee, Wis. Valve mechanism for engines and the like.....	851,308	Apr. 23	5216	1094	127	3026
Nordstrom, Frank W., Kearsarge, Mich. Leveling instrument.....	859,832	July 9	2326	632	129	808
Nordyke & Marmon Company. (See Marmon, Daniel W., assignor.).....						
Nordyke & Marmon Company. (See Warrington, Jesse, assignor.).....						
Nordyke & Marmon Company. (See Warrington and Marmon, assignors.) (Reissue.).....						
Noren, Charles A., Chicago, Ill. Automatic safety device.....	845,113	Feb. 26	4769	1011	126	3093
Norgrave, George B., assignor to Peabody Leather Machinery Company, Peabody, Mass. Machine for treating hides and skins.....	847,684	Mar. 19	3958	863-4	127	1060
Norgrave, George B., assignor to Peabody Leather Machinery Company, Peabody, Mass. Machine for treating hides, skins, and leather.....	849,158	Apr. 2	1106	222-3	127	1872
Norgren, Oscar B. (See Pihlblad and Norgren.).....						
Norham, Lem, et al. (See Bacon, John L., assignor.).....						
Norkewitz, Max W., Louisville, Ky., assignor to E. Goldman & Company, Chicago, Ill. Bottle-carrier for bottling establishments.....	860,936	July 23	4035	1104-5	129	1426
Norland, Clarence, Los Angeles, Cal. Trolley-pole controller.....	871,616	Nov. 19	3083	766	131	871
Norlund, Olof A., Williamsport, Pa. Ice-creper.....	856,089	June 4	1215	257	128	2000
Norman, Frank B., West Orange, assignor of one-half to S. I. Kopatousky, Newark, N. J. Phonograph-horn.....	872,577	Dec. 3	558	116	131	1252
Norman, George, assignor of one-half to Birmingham Small Arms Company Limited, Small Heath, near Birmingham, England. Back sight for small-arms.....	874,914	Dec. 24	5347	1118	131	2123
Norman, John E., Leicester, England. Manifold device.....	857,100	June 18	3241	682	128	2586
Norman, John R., Powell Station, assignor of one-half to W. Roark, Byington, Tenn. Water-sprayer and fire-extinguisher.....	842,689	Jan. 29	5941	1252	126	1662
Norman, Kirtley B., Knoxville, Tenn. Cattle-guard.....	851,431	Apr. 23	5450	1142	127	3086
Norman, William F., Nevada, Mo. Pipe-seaming machine.....	857,750	June 25	4492	948	128	2933
Normand, Joseph M., assignor to Ridgely Trimmer Company, Springfield, Ohio. Trestle.....	840,360	Jan. 1	1165	253	126	308
Normand, Norcisse. (See Lagasse and Normand.).....						
Normandin, Levy P., Jackson, Mich. Cloth-measuring machine.....	873,454	Dec. 10	2348	493	131	1576
Normandin, Levy P., assignor to W. F. Cowham, Jackson, Mich. Supporting-stand and mold for making building-blocks. (Reissue.).....	12,626	Apr. 2	1468	298	127	1960
Norrington, Henry H., Bay City, Mich. Coin-wrapping device.....	852,574	May 7	405	74	128	107
Norrington, William P., Greenpoint, N. Y. Seat for wagons.....	848,261	Mar. 26	5090	1112	127	1372
Norris, Almon E., Cambridge, Mass. Hoisting-engine.....	841,042	Jan. 8	2511	547-8	126	683
Norris, Charles E., assignor of one-half to H. C. Taylor, Portsmouth, N. H. Cement-applying device.....	863,429	Aug. 13	2103	566-7	129	2772
Norris, David L., Westminster, S. C. Shuttle.....	871,291	Nov. 19	2400	621	131	763
Norris, Dudley H., New York, N. Y. Separating the metallic and rocky constituents of ores.....	864,856	Sept. 3	147	42	130	46
Norris, Dudley H., New York, N. Y. Apparatus for separating the metallic particles of ores from the rocky constituents thereof.....	873,586	Dec. 10	2620	552	131	1621
Norris, George E., et al. (See Odell, Willard A., assignor.).....						
Norris, George E., assignor to Columbus Aseptic Furniture Company, Columbus, Ohio. Glass supporting and connecting device.....	861,311	July 30	4633	1266	129	1657
Norris, George E., and G. R. Shoemaker, assignors to Columbus Aseptic Furniture Company, Columbus, Ohio. Grinding apparatus.....	865,426	Sept. 10	1031	294	130	343
Norris, Harry E., Arnold, Ohio. Steering mechanism.....	870,794	Nov. 12	1470	397	131	510
Norris, Jesse L. (See Norris, Michael E. and J. L.).....						
Norris, John E., Tiskilwa, Ill. Hay-loader.....	850,042	Apr. 9	2729	573	127	2315

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Norris, John R., <i>et al.</i> (See Odell, Willard A., assignor.)						
Norris, John R., Savannah, Ga. Rail-joint.	856,090	June 4	1216	257	128	2000
Norris, John S., Red Lodge, Mont. Wheeled scraper.	849,013	Apr. 2	790	162	127	1788
Norris, Joseph B. (See Johnston and Norris.)						
Norris, Michael E. and J. L., Temple, Tex. Gin-feeder.	841,182	Jan. 15	2803	611	126	802
Norris, Michael E. and J. L., Temple, Tex. Cotton-cleaner and gin-feeder.	846,421	Mar. 5	1417	314	127	358
Norris, Wilber C., Tiona, Pa. Stuffing-box.	862,930	Aug. 13	1343	366	129	2531
Norris, William M., Princeton, N. J. Treating hides and skins.	840,794	Jan. 8	2017	126	126	557
Norris, William M., Princeton, N. J. Coloring leather.	851,995	Apr. 30	6621	1378	127	3412
Norstrom, Nils E., assignor to C. L. Redfield, Chicago, Ill. Telephone-exchange.	871,520	Nov. 19	2903	726	131	840
Norstrom, Nils E., Junction City, assignor of two-thirds to J. Anderson, Salina, and M. E. Richardson, Sterling, Kans. Automatic telephone-exchange.	857,959	June 25	4915	1038-41	128	3038
Norstrom, Nils E., Chicago, Ill. assignor to J. Anderson, Salina, M. E. Richardson, Sterling, Kans., J. H. Martin, and H. Keating. Telephone-exchange.	852,575	May 7	407	74-5	128	107
Norstrom, Nils E., Chicago, Ill. assignor to J. Anderson, Salina, M. E. Richardson, Sterling, Kans., J. H. Martin, and H. Keating. Telephone-exchange.	852,675	May 7	618	118-19	128	161
Norstrom, Samuel A., assignor to C. L. Redfield, Chicago, Ill. Telephone-exchange.	871,042	Nov. 12	1864	510	131	632
Norstrom, Samuel A., assignor to C. L. Redfield, Chicago, Ill. Telephone-exchange.	871,043	Nov. 12	1865	510-11	131	633
Norstrom, Samuel A., assignor to C. L. Redfield, Chicago, Ill. Party-line telephone-exchange.	871,519	Nov. 19	2900	726	131	839
North, Albert A., assignor to Skinner Chuck Company, New Britain, Conn. Drill-chuck.	872,841	Dec. 3	1102	231	131	1340
North American Biscuit Company. (See Causey, Joseph L., assignor.)						
North American Chemical Company. (See Thoma, Andrew, assignor.)						
North Bro's M'fg. Co. (See Fegley and Leopold, assignors.)						
North Brothers Manufacturing Company. (See Aichele, Henry J., assignor.)						
North Brothers Manufacturing Company. (See Fegley, Thomas J., assignor.)						
North Brothers Manufacturing Company. (See North, Selden G., assignor.)						
North & Judd Manufacturing Company. (See Smith, Clarence E., assignor.)						
North & Judd Manufacturing Company. (See Whiteley, William, assignor.)						
North, Paul, Lakewood, assignor to Chamberlain Cartridge & Target Company, Cleveland, Ohio. Gun hand-protector.	874,981	Dec. 31	5494	1147	131	2170
North & Pfeiffer Manufacturing Company <i>et al.</i> (See Pfeiffer, Christian, assignor.) (Re-issue.)						
North, Robert. (See Farquhar and North.)						
North, Samuel A., assignor to Bridgeport Gun Implement Company, Bridgeport, Conn. Gun-cleaning rod.	841,336	Jan. 15	3116	673	126	881
North, Selden G., assignor to North Brothers Manufacturing Company, Philadelphia, Pa. Removable-blade screw-driver.	842,107	Jan. 22	4630	993	126	1293
North, Thomas M., assignor to Linotype and Machinery Limited, London, England. Sheet-delivery mechanism of printing-machines.	850,313	Apr. 16	3259	679-80	127	2494
North, Thos. H., <i>et al.</i> (See Hanlon, Daniel B., assignor.)						
North, W. E., <i>et al.</i> (See Bishop and Mapes, assignors.)						
North, William C., Durango, Mexico. Brake-rod adjuster.	864,329	Aug. 27	3458	963	129	3251
Northern Electrical Manufacturing Company. (See Coffman, Walter M., assignor.)						
Northern Electrical Manufacturing Company. (See Conlee, Frederick M., assignor.)						
Northern Electrical Manufacturing Company. (See Drohan, Thomas E., assignor.)						
Northern Electrical Manufacturing Company. (See King, Arthur C., assignor.)						
Northern Electrical Manufacturing Company. (See Mallett and Drohan, assignors.)						
Northern Engineering Works. (See True, George A., assignor.)						
Northern, Jonathan, Rushden, England. Boot and shoe machinery.	843,839	Feb. 12	1973	422-3	126	2322
Northern Motor Car Company. (See King, Charles B., assignor.)						
Northey, John, Christchurch, New Zealand. Pulsating valve for hydraulic rams.	841,563	Jan. 15	3537	764	126	990
Northey, John P., Toronto, Ontario, Canada. Sound-producing device.	864,909	Sept. 3	233	63	130	73
Northfield, Luke W. (See Fowler, Benjamin F., assignor.)						
Northrop, Herbert N., Somerville, Mass. Moistener-pad.	842,108	Jan. 22	4631	993	126	1293
Northrop, Irvin A., Medina, Ohio. Violin.	850,393	Apr. 16	3414	715-16	127	2534
Northrop, Jonas. (See Wood and Northrop.)						
Northrop, Jonas, assignor to Draper Company, Hopedale, Mass. Filling-replenishing loom.	846,048	Mar. 5	666	140-1	127	170
Northrop, Jonas, assignor to Draper Company, Hopedale, Mass. Thread-clearing and parting mechanism for welt-replenishing looms.	866,051	Sept. 17	2031	567-8	130	695
Northrop, Jonas, assignor to Draper Company, Hopedale, Mass. Thread-parting mechanism for looms.	866,052	Sept. 17	2036	568-9	130	696
Northrop, Jonas, and W. F. Roper, assignors to Draper Company, Hopedale, Mass. Filling-replenishing mechanism for automatic looms.	843,169	Feb. 5	668	140-1	126	1963
Northrup, Edwin F., assignor to Leeds and Northrup Company, Philadelphia, Pa. Optical reading device for electrical measuring instruments.	843,414	Feb. 5	1128	237	126	2077
Northrup, Edwin F., assignor to Leeds and Northrup Company, Philadelphia, Pa. Electrical synchronism.	843,415	Feb. 5	1141	238	126	2078
Northrup, Edwin F., assignor to Leeds and Northrup Company, Philadelphia, Pa. Rheostat.	862,842	Aug. 6	1219	329	129	2457
Northrup, Elmer C., assignor of one-half to E. Ross, Riverside, Cal. Automatic railway-switch.	854,700	May 21	4668	972	128	1260
Northrup, Howard E., Clarks Green, Pa. Means for displaying paint-colors.	841,266	Jan. 15	2968	645	126	842
Northway Motor and Manufacturing Company. (See Northway, Ralph E., assignor.)						
Northway, Ralph E., assignor to Northway Motor and Manufacturing Company, Detroit, Mich. Clutch mechanism.	852,798	May 7	871	177	128	222
Northwestern Can Company. (See Friedman, Morris, assignor.)						
Northwestern Expanded Metal Company. (See Goss, William, assignor.)						
Northwestern Expanded Metal Company. (See Rush, Amos W., assignor.)						
Norton, Alexander A. (See Munn, James M., assignor.)						
Norton, Benjamin F., Eagle Grove, Iowa. Shade and reflector for electric lights.	851,627	Apr. 23	5837	1219	127	3179
Norton, Charles E., Dorchester, Mass. Safety-valve.	860,820	July 23	3850	1056	129	1367
Norton, Charles H., assignor to Norton Grinding Co., Worcester, Mass. Grinding-machine.	869,194	Oct. 22	3106	855-6	130	2337
Norton, Charles L., Manchester, Mass., assignor to Asbestos Wood Company. Refractory material and producing it.	847,293	Mar. 12	3132	.....	127	821
Norton, Charles L., Manchester, Mass., assignor to Asbestos Wood Company. Insulating material and producing the same.	865,606	Sept. 10	1337	.....	130	437
Norton, Christopher F. (See Powell and Norton.)						
Norton Door Check Co. (See Norton, Lewis C., assignor.)						
Norton, Edwin, New York, N. Y. Work-reversing mechanism for rolling-mills.	848,123	Mar. 26	4855	1060	127	1312
Norton, Edwin, New York, N. Y. Rolling sheet metal.	865,055	Sept. 3	468	129	130	142
Norton, Edwin, New York, N. Y. Continuous heating-furnace.	874,422	Dec. 24	4351	915-16	131	1964
Norton, Edwin, New York, N. Y., assignor to Automatic Vacuum Canning Company, Chicago, Ill. Can.	863,086	Aug. 13	1590	429	129	2610

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Norton, Edwin, New York, N. Y., and V. Chartener, Pittsburg, Pa. Work-reversing mechanism for rolling-mills.	841,427	Jan. 15	3289	710	126	925
Norton, Edwin, New York, N. Y., and H. C. Shaw, Glenshaw, Pa. Continuous furnace.	874,530	Dec. 24	4575	959-60	131	1998
Norton, Elliott S., assignor to Acme Flexible Clasp Company, Chicago, Ill. Making corrugated metal fasteners.	859,686	July 9	2117	571	129	738
Norton, Elliott S., assignor to Acme Flexible Clasp Company, Chicago, Ill. Apparatus for making box-strapping.	870,195	Nov. 5	506	138-9	131	165
Norton, Fred E. (See Housum and Norton.)						
Norton, Fred E. (See Reynolds and Norton.)						
Norton, Fred E., Youngstown, Ohio. Throttle-valve.	851,555	Apr. 23	5694	1192-3	127	3142
Norton, Fred E., Youngstown, Ohio. Automatic regulator for air and gas compressors.	852,976	May 7	1247	256-7	128	317
Norton, Fred E., Youngstown, Ohio. Compound engine.	866,803	Sept. 24	3155	887	130	1084
Norton Grinding Co. (See Norton, Charles H., assignor.)						
Norton, Henry C., San Francisco, Cal. Conveyor-belt.	874,982	Dec. 31	5495	1148	131	2170
Norton, Horatio N., Oak Park, Ill., assignor to Export and Domestic Can Company. Tin can.	858,902	July 2	924	241	129	318
Norton Iron Works. (See Myers, William S., assignor.)						
Norton, James A., assignor of one-half to W. L. Raeder, Wilkes-Barre, Pa. Trolley-wheel.	840,648	Jan. 8	1730	381	126	487
Norton, James A., Odebolt, assignor to P. E. Nordell, trustee, Kiron, Iowa. Combined ice and water boat.	863,747	Aug. 20	2574	711-12	129	2950
Norton, James W. (See Spink and Norton.)						
Norton, James W., assignor of one-half to W. Collins, Lovelady, Tex. Railway-tie lifter.	872,444	Dec. 3	261	54	131	1210
Norton, Lewis C., Newton, assignor to Norton Door Check Co., Boston, Mass. Door-check.	868,357	Oct. 15	1791	505-6	130	1901
Norton, Michael G., Gibsonburg, Ohio. Device for generating gas from crude oil.	843,692	Feb. 12	1702	362	126	2254
Norton, William B., Detroit, Mich. Mold.	860,989	July 23	4144	1135	129	1463
Norton, William B., Detroit, Mich. Mechanical movement.	867,748	Oct. 8	791	224	130	1574
Norton, William B., Detroit, Mich., assignor, by mesne assignments, to U. S. Standard Voting Machine Co., Rochester, N. Y. Voting-machine.	868,579	Oct. 15	2141	599-602	130	2010
Norum, Carl U. E., Hubbell, Mich. Knockdown flower-pot.	861,046	July 23	4221	1156	129	1485
Norum, Thomas, Brooklyn, N. Y. Fly-screen.	861,140	July 23	4353	1193	129	1530
Norvell-Shapleigh Hardware Company. (See Matthews, Leonard, Jr., assignor.)						
Norville, John C., Rutherfordton, N. C. Water-hoisting apparatus.	863,938	Aug. 20	2865	789	129	3041
Norwalk Iron Works Company. (See Hill and Morgan, assignors.)						
Norwich, Arthur E. E., Toronto, Ontario, Canada. Car-truck.	867,999	Oct. 15	1243	343	130	1736
Norwood, John E., Baltimore, Md. Caster.	857,660	June 25	4306	909	128	2886
Norwood, Lucy M., Portland, Oreg. Knapsack.	850,312	Apr. 16	3258	678	127	2494
Norwood, Lucy M., and J. H. Willink, Savannah, Ga. Gun hand-protector.	861,385	July 30	4764	1302	129	1698
Nothe, Herman, Philadelphia, Pa. Fountain-brush.	854,231	May 21	3796	783	128	1041
Nott, Howard C., and A. W. Rau, New York, N. Y. Refrigerator.	873,887	Dec. 17	3227	688	131	1754
Nott, James W., Elgin, Nebr. Incubator.	869,452	Oct. 29	3539	970	130	2498
Nott, Tom H. (See Reeps and Nott.)						
Nottingham, Edwin I., Washington, D. C. Dumping-vehicle.	844,891	Feb. 19	4326	922-3	126	2939
Nourse, Harold A., St. Paul, Minn. Feed-hopper for poultry.	855,526	June 4	158	31	128	1734
Nourse, Rufus C., assignor of one-half to H. Budden, Boston, Mass. Head-rest for use in shampooing.	853,592	May 14	2457	512	128	664
Novack, Joseph B., Epton, Pa. Metallic tie and rail-fastener.	850,598	Apr. 16	3811	796	127	2635
Novak, Frank J. (See Hart and Novak.)						
Novák, Oldrich, Peterhof, near Netolic, Austria-Hungary. Covering for hay and the like stacks.	850,672	Apr. 16	3972	830	127	2676
Novak, Peter, Elizabethport, N. J. Combination-tool.	845,009	Feb. 19	4544	968-9	126	2992
Novelty Incandescent Lamp Company. (See Auclair, James E., assignor.)						
Novelty Manufacturing Corporation. (See Bargamin, Clifford, assignor.)						
Novess, Alonzo C., Rochester, N. Y. Photographer's light-regulator.	853,467	May 14	2208	459	128	599
Nowak Manufacturing Company. (See Nowak, Ottokar H., assignor.)						
Nowak, Ottokar H., Chicago, Ill., assignor to Nowak Manufacturing Company. Substance for treating hides and making same.	873,074	Dec. 10	1623	338	131	1452
Nowell, Joseph C. (See Roberts, John F., assignor.)						
Nowitzky, Wilhelm F., Riga, Russia, assignor to Hulsen Fabrik A. Jaunsem, (Andreas Jaunsem.) Cigarette-making apparatus.	847,968	Mar. 19	4555	1000-1	127	1200
Nowlin, Clifford E., Battle Creek, Mich. Safety switch and signal.	868,800	Oct. 22	2525	696	130	2156
Nowotny, John S., Madisonville, Ohio. Box for card-indexes or the like.	844,039	Feb. 12	2344	502	126	2413
Nowotny, Wilhelm, assignor to Phoenix Boot Machinery Company, Limited, Street, England. Machine for producing sewing-ribs on the soles of boots and shoes.	872,578	Dec. 3	560	116	131	1253
Noxon, Charles P. L., Syracuse, N. Y. Spark-coil.	851,027	Apr. 23	4630	971	127	2881
Noyer, Joseph N., Gould City, Wash. Ratchet-wrench.	854,174	May 21	3674	760	128	1007
Noyes, Arthur O. (See Parkhurst and Noyes.)						
Noyes, Benjamin L., Stonington, Me. Gas-burner.	864,182	Aug. 27	3234	897	129	3181
Noyes, Edward P., Winchester, Mass. Continuous-combustion generating apparatus.	855,726	June 4	537	113	128	1832
Noyes, Edward P., Winchester, Mass. Continuous combustion apparatus.	864,183	Aug. 27	3235	897-8	129	3182
Noyes, Edward P., Winchester, Mass. Controlling apparatus for heat-engines.	868,358	Oct. 15	1794	506-7	130	1901
Noyes, George, Mandan, N. D. Pneumatic tire.	866,297	Sept. 17	2395	667	130	811
Noyes, John C., et al. (See Parkhurst and Noyes, assignors.)						
Noyes, La Verne W., Chicago, Ill. Cross-arm for towers.	857,101	June 18	3242	682	128	2587
Noyes, La Verne W., Chicago, Ill. Tie-rod.	867,749	Oct. 8	792	224	130	1575
Noyes, William S., assignor of one-half to W. D. Pickels, Chicago, Ill. Pocket-register.	866,670	Sept. 24	2937	831	130	1009
Nubson, Ole A., Kensett, Iowa. Man-lift.	845,253	Feb. 26	5031	1070	126	3159
Nuernberger, Philip C., and G. Rettig, Jr., Chicago, Ill. Type-casting mold.	853,647	May 14	2572	534-5	128	693
Nufer, Albert, Jersey City, N. J. Embroidering-machine.	840,243	Jan. 1	916	200-1	126	249
Nugent, Edward L., Charleston, W. Va. Switch.	841,337	Jan. 15	3117	674	126	881
Nugent, Francis J., Rochester, N. Y. Collapsible last.	871,138	Nov. 19	2062	557	131	711
Nugent, George, Toronto, Ontario, Canada. Track-sander.	856,983	June 11	2997	630	128	2484
Nugent, Richard C., Cincinnati, Ohio. Friction-clutch.	841,564	Jan. 15	3537	765	126	991
Nugent, William W., Chicago, Ill. Ball-joint-lubricating apparatus.	847,432	Mar. 19	3436	754	127	924
Null, Paschal H., St. Louis, Mo. Attachment for vessels, &c.	854,835	May 28	4959	1031	128	1365
Numan, Charles H., assignor to A. A. Weeks-Hoskins Company, New York, N. Y. Ink-stand.	849,419	Apr. 9	1588	322	127	2029
Nunamacher, William H., Newark, N. J. Freight-car.	874,615	Dec. 24	4734	994	131	2026
Nungesser Electric Battery Co. (See Harmon, Willis E., assignor.)						
Nungesser Electric Battery Co. (See Nungesser, Philip P., assignor.)						
Nungesser Electric Battery Co. (See Nungesser and Harmon, assignors.)						
Nungesser, Philip P., assignor to Nungesser Electric Battery Co., Cleveland, Ohio. Combined blowpipe and soldering attachment.	842,905	Feb. 5	122	29	126	1820
Nungesser, Philip P., and W. E. Harmon, assignors to Nungesser Electric Battery Co., Cleveland, Ohio. Roll-forming machine.	848,919	Apr. 2	639	128	127	1751
Nunn, Frederick W., Guildford, New South Wales, Australia. Device for exhibiting hats, bonnets, and the like.	845,569	Feb. 26	5650	1197	126	3311

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Nunnally, Bruce, Jacksonville, Tex. Flow	845,254	Feb. 26	5033	1070	126	3159
Nunnelee, John H. (See Stancil and Nunnelee.)						
Nurse and Company, Charles. (See Newley, Frederick P., assignor.)						
Nurse, Thomas W., Derby, Vt. Threading-tool	848,489	Mar. 26	5549	1211	127	1486
Nusly, Samuel C., assignor to S. S. Kurtz, Canton, Ohio. Manifold pad or book	847,993	Mar. 19	4604	1009	127	1211
Nussbaum, George B., assignor of one-half to J. T. Milar, New Philadelphia, Ohio. Trolley-wheel	849,262	Apr. 2	1294	263	127	1918
Nussbaumer, William A., Milwaukee, Wis. Elastic-fluid turbine	849,420	Apr. 9	1590	322-3	127	2029
Nussbaumer, William A., Milwaukee, Wis. Elastic-fluid turbine	852,030	Apr. 30	6730	1399	127	3440
Nusser, Michael, New York, N. Y. Oven	872,144	Nov. 26	4217	1006	131	1075
Nute, John H., Portland, Me. Machine for making wooden toothpicks	853,372	May 14	2039	422	128	555
Nutry & Cook Manufacturing Company. (See Nutry, John, assignor.)						
Nutry, John, assignor to Nutry & Cook Manufacturing Company, Brooklyn, N. Y. Safety device for coin-receptacles	873,678	Dec. 10	2780	590	131	1651
Nuttall, John, Bridgeport, Conn. Stopper for water-bags and the like	861,386	July 30	4765	1302-3	129	1699
Nutting, William W. (See Raines, William E., assignor.)						
Nuzum, Benjamin M., Grafton, W. Va. Reamer	845,431	Feb. 26	5387	1144	126	3245
Nuzum, Benjamin M., Grafton, W. Va. Reamer	857,661	June 25	4307	909	128	2886
Nyberg, Carl E. (See Olson and Nyberg.)						
Nyberg, Henry, Chicago, Ill. Air-pump	859,408	July 9	1698	452	129	603
Nyberg, John A., Oakville, Iowa. Wagon-reach	849,695	Apr. 9	2118	436	127	2162
Nydegger, Otto. (See Caspari, Nydegger, and Goldschmidt.)						
Nye, C. A. (See French, Walter W., assignor.)						
Nye, Edward, and A. Gruesbeck, Charlotte, Mich. Antislipping device for automobiles	849,805	Apr. 9	2325	477	127	2215
Nye, George E., assignor of one-half to G. A. Kreis, Chicago, Ill. Interlocking metal sheet-piling	840,952	Jan. 8	2336	513	126	637
Nye, George E., assignor of one-half to G. A. Kreis, Chicago, Ill. Interlocking metal sheet-piling	850,043	Apr. 9	2730	573	127	2315
Nye, George E., assignor of one-half to G. A. Kreis, Chicago, Ill. Interlocking metal sheet-piling	850,044	Apr. 9	2732	574	127	2316
Nye, George E., assignor of one-half to G. A. Kreis, Chicago, Ill. Interlocking metal sheet-piling	850,122	Apr. 9	2896	605	127	2356
Nye, George E., assignor to National Interlocking Steel Sheeting Company, Chicago, Ill. Interlocking means for sheet-piling	860,053	July 16	2687	731	129	954
Nye, George E., assignor to National Interlocking Steel Sheeting Company, Chicago, Ill. Interlocking means for sheet-piling	871,177	Nov. 19	2140	572	131	724
Nye, George W., Chicago, Ill. Pipe cutting and threading tool	862,278	Aug. 6	285	80	129	2172
Nye, George W., assignor to V. E. Hobgood and J. N. Baskin, Hattiesburg, Miss. Draft-rigging for cars	861,223	July 23	4480	1229	129	1572
Nye, John, Montpelier, Ohio. Window-screen	862,989	Aug. 13	1429	389	129	2558
Nye, Robert G., Oswego, N. Y. Lathe-dog	872,007	Nov. 26	3935	948	131	1029
Nye Tool and Machine Works. (See Beck, Edward E., assignor.)						
Nye, William E. (See McMullen, Charles P., assignor.)						
Nygren, Oroph, Weston, Nebr. Map-holder	853,468	May 14	2209	459	128	600
Nystrom, Charles A. M., Tacoma, assignor of two-thirds to J. H. Beckman, Seattle, Wash., and F. W. Beckman, Portland, Oreg. Device for filling bottles, ink-wells, &c.	872,536	Dec. 3	475	98	131	1240
Nystrom, John P. (See Erickson and Nystrom.)						
O. A. Miller Treering Machine Company. (See Hansen, John S., assignor.)						
O'Brate, Anthony, Enid, Okla. Ter. Flying-machine	866,672	Sept. 24	2941	832	130	1011
O'Brate, Anthony, Enid, Okla. Ter. Flying-machine	866,673	Sept. 24	2943	832-3	130	1011
O'Brate, Anthony, Enid, Okla. Ter. Flying-machine	867,525	Oct. 1	449	128-9	130	1454
O'Brian, Harry R. (See Vanness and O'Brian.)						
O'Brian, Harry R., and J. R. Coulter, Oxford, Ohio. Foot and leg bath for horses	874,983	Dec. 31	5496	1148	131	2171
O'Brien, Alexander J., assignor of one-half to C. A. Gault, Beloit, Wis. Oil-burner	856,798	June 11	2663	549	128	2403
O'Brien, Charles M., Chicago, Ill. Advertising device	849,493	Apr. 9	1758	356	127	2071
O'Brien, Edward J., St. Louis, Mo., assignor to Proctor and Gamble Company. Apparatus for nurling cylinders	855,658	June 4	404	85	128	1798
O'Brien, Frank, Jackson, assignor to Buick Motor Company, Flint, Mich. Band-brake	873,679	Dec. 10	2781	590	131	1652
O'Brien, Frederick W., Detroit, Mich. Hydraulic motor	865,796	Sept. 10	1612	457	130	523
O'Brien, Harry, Mount Carroll, Ill. Horse-boot	853,259	May 14	1795	374	128	487
O'Brien, James F. (See Hamilton, Addington B., assignor.)						
O'Brien, John C., Murphytown, W. Va. Pruning implement	846,135	Mar. 5	860	180	127	219
O'Brien, John D., assignor of fifty-one one-hundredths to F. B. McKenna, St. Louis, Mo. Wood lathing-sheet	849,421	Apr. 9	1594	323	127	2030
O'Brien, John D., assignor of fifty-one one-hundredths to F. B. McKenna, St. Louis, Mo. Sheet-lathing machine	849,422	Apr. 9	1595	323-4	127	2031
O'Brien, John F., Buffalo, N. Y. Garter	844,286	Feb. 12	2848	607	126	2539
O'Brien, John P., assignor of one-fourth to G. C. Briscoe, Castle Rock, Colo. Means for fastening horseshoes	843,907	Feb. 12	2107	451	126	2355
O'Brien, Joseph L., South Norwalk, Conn. Electric hat-curling iron	874,029	Dec. 17	3496	744	131	1800
O'Brien, Joseph S., Westfield, Mass. Kitchen utensil	868,359	Oct. 15	1804	507	130	1905
O'Brien, Michael J., New York, N. Y. Basin or trap for stable-floors	855,017	May 28	5330	1106	128	1460
O'Brien, Patrick A., assignor to W. J. Carlin, Boston, Mass. Device for holding charts or the like	847,434	Mar. 19	3440	754	127	925
O'Brien, Patrick J., Mobile, Newfoundland, Sash raising and locking device	841,810	Jan. 22	4061	875	126	1158
O'Brien, Thomas, assignor to Revolving Cylinder Motor Co., New York, N. Y. Revolving-cylinder motor	870,120	Nov. 5	385	107	131	129
O'Brien, Thomas E. (See Kohler and O'Brien.)						
O'Brien, Thomas H., Fond du Lac, Wis. Ticket or tag	851,101	Apr. 23	4776	1004	127	2916
O'Brien, Thomas H., Fond du Lac, Wis. Ticket or tag	851,138	Apr. 23	4830	1018	127	2928
O'Brien, Thomas H., Fond du Lac, Wis. Ticket or tag	851,139	Apr. 23	4831	1018	127	2929
O'Brien, Thomas J., Los Angeles, Cal. Seal	866,507	Sept. 17	2684	750	130	902
O'Brien, Timothy, Pittsburg, Pa. Folding camp-stool	860,409	July 16	3219	880	129	1128
O'Brien, Walter A. (See Templeton, William R., assignor.)						
O'Brien, Walter A., assignor of one-half to W. R. Templeton, Boston, Mass. Float	855,659	June 4	408	85	128	1799
O'Brien, Walter H., Bronxville, N. Y. Vault-light	861,883	July 30	5530	1525	129	1932
O'Brien, William C., assignor to Monitor Manufacturing Company, Baltimore, Md. Automatic starter for electric motors	860,104	July 16	2755	752-3	129	975
O'Brien, William C., assignor to Monitor Manufacturing Company, Baltimore, Md. Automatic motor-starter	874,531	Dec. 24	4577	960-1	131	1998
O'Brien, William S. (See Ward, Lloyd W., assignor.)						
O'Bryan, Joseph, Chicago, Ill. Measuring-stick	863,309	Aug. 13	1937	523	129	2718
O'Bryan, William A., Philpot, Ky. Attachment for harness	852,576	May 7	413	75	128	110
O'Connell, James F., et al. (See Kline, Henry E., assignor.)						
O'Connell, John J., Lima, N. Y. Fastening device	850,599	Apr. 16	3813	796	127	2636

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O'Connell, John J., Lima, N. Y. Neck-yoke attachment.....	863,310	Aug. 13	1939	523	129	2718
O'Connell, Timothy, Holyoke, assignor to Whitin Machine Works, Whitinsville, Mass. Combing-machine.....	864,184	Aug. 27	3240	898	129	3184
O'Connell, Timothy F., Chicago, Ill., assignor to Tilden-Thurber Company, Providence, R. I. Garment-hanger.....	839,879	Jan. 1	153	36	126	43
O'Connor, John P., and J. E. Wright, Omaha, Nebr. Stamp.....	856,799	June 11	2664	549	128	2403
O'Connor, Charles. (See Twitchell and O'Connor.)						
O'Connor, John, assignor of one-half to Tyrone Realty Improvement Company, New York, N. Y. Music-leaf turner.....	858,204	June 25	5420	1155	128	3168
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Friction spring draft-rigging for railway-cars.....	849,560	Apr. 9	1883	383-4	127	2103
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Friction draft-rigging for railway-cars.....	849,561	Apr. 9	1884	384	127	2104
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Friction draft-rigging for railway-cars.....	849,562	Apr. 9	1886	384-5	127	2104
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Draft-rigging for railway-cars.....	858,748	July 2	668	176	129	231
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Roller side bearing for railway-cars.....	861,760	July 30	5339	1472	129	1873
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Tandem-spring draft-rigging.....	862,932	Aug. 13	1345	367	129	2532
O'Connor, John F., assignor to W. H. Miner Company, Chicago, Ill. Friction draft-rigging for railway-cars.....	862,991	Aug. 13	1432	390	129	2558
O'Connor, John W., Columbus, Ohio. Mopping-machine.....	862,411	Aug. 6	508	136	129	2245
O'Connor, Michael J., Denver, Colo. Apron-fastening device.....	850,960	Apr. 23	4517	945	127	2851
O'Connor, Thomas. (See Seaman, George Q., assignor.)						
O'Daniel, John H., Columbus, Ohio. Vehicle-wheel.....	842,488	Jan. 29	5496	1163	126	1556
O'Dea, William J. J., assignor of one-fourth to J. L. Merkle, Buffalo, N. Y. Automatic engine-starter.....	863,554	Aug. 13	2283	623	129	2826
O'Dell, Lee. (See Sandrock, Noble, and O'Dell.)						
O'Donnell, Edmond G., deceased, (J. J. O'Donnell, administrator,) assignor of one-half to J. J. O'Donnell, Somerville, Mass. Hub-wrench.....	868,883	Oct. 22	2636	729	130	2190
O'Donnell, Felix, assignor of one-half to S. A. Brown, Pawtucket, R. I. Spring-clip for retaining filling-carriers.....	859,512	July 9	1838	495	129	648
O'Donnell, James J., Paducah, Ky. Rotary pump.....	870,310	Nov. 5	687	185	131	225
O'Donnell, John B., Kansas City, Mo. Railway-brake.....	861,604	July 30	5103	1400	129	1805
O'Donnell, John J., administrator. (See O'Donnell, Edmond G.)						
O'Donnell, Joseph W., assignor of one-half to M. W. Eiser, Kansas City, Mo. Amusement apparatus.....	841,173	Jan. 15	2789	608-9	126	798
O'Dowd, James, Tapanui, New Zealand. Roof-gutter.....	846,238	Mar. 5	1041	223	127	265
O'Dowd, Michael J., et al. (See Kline, Henry E., assignor.)						
O'Farrell, Michael J., Melbourne, Victoria, Australia. Hand-stamp.....	858,619	July 2	447	117	129	157
O'Flaherty, Frank, Franklin, Pa. Toy.....	847,499	Mar. 19	3560	780	127	956
O'Haire, William J., Washington, D. C. Submarine boat.....	867,294	Oct. 1	98	31	130	1344
O'Halloran, Oscar, New York, N. Y. Carpet-beater.....	852,195	Apr. 30	7029	1467-8	127	3515
O'Hara, Charles T., Deepcreek, Wash. Cylinder-wrench.....	843,693	Feb. 12	1704	363	126	2254
O'Haver, Leonidas R. (See Wiest, Jonas H., assignor.)						
O'Horo, Peter P., assignor to A. J. Musselman, Chicago, Ill. Coaster-brake.....	860,234	July 16	2953	807	129	1039
O'Kane, Edward T., Delaware, Ohio. Window-dressing device.....	868,690	Oct. 22	2350	651	130	2104
O'Kane, James J., New York, N. Y. Saddle harness ring.....	868,360	Oct. 15	1805	508	130	1905
O'Keefe, Henry, et al. (See Szczys, Robert, assignor.)						
O'Kelly, James M., assignor of one-half to J. T. Morehead, New York, N. Y. Dumping-car.....	869,726	Oct. 29	3978	1099	130	2630
O'Leary, John, Cohoes, N. Y. Brake-shoe attachment for automobiles, &c.....	851,432	Apr. 23	5451	1142	127	3086
O'Leary, Matthew J., assignor of one-half to C. E. Platt, Chickasha, Ind. Ter. Permutation-padlock.....	852,291	Apr. 30	7189	1510	127	3554
O'Malley, James J. (See O'Malley, Thomas and J. J.)						
O'Malley, Thomas and J. J., Martins Ferry, Ohio. Mechanical plate-catcher.....	859,688	July 9	2121	572	129	739
O'Neill, John, Wilmerding, Pa. Rail fastener and lock.....	872,743	Dec. 3	896	185	131	1308
O'Neill, Alexander R. (See Huntington, O'Neill, and Noone.)						
O'Neill, Arthur J., assignor to Aretino Company, Chicago, Ill. Talking-machine.....	874,985	Dec. 31	5500	1148	131	2171
O'Neill, Bryan J., Peoria, Ill. Flue-cutter.....	859,574	July 9	1945	524	129	683
O'Neill, Charles W., Chicago, Ill. Basement-pipe.....	864,910	Sept. 3	234	64	130	73
O'Neill, Frank P., Dell, Ore. Frying-pan and folding handle therefor.....	874,701	Dec. 24	4912	1032	131	2054
O'Neill, George E., assignor of one-half to J. T. Willoughby, Brooklyn, N. Y. Apparatus for pitching kegs or barrels.....	853,516	May 14	2313	479-80	128	627
O'Neill, James A., New York, N. Y. Grate-bar.....	852,739	May 7	734	144	128	192
O'Neill, John C., Hamburg, N. Y. Sash-fastener.....	870,641	Nov. 12	1221	330	131	433
O'Neill, John F., Newburgh, N. Y. Electric alarm device.....	840,582	Jan. 8	1614	354	126	457
O'Neill, Thomas, Brooklyn, assignor of one-half to Royal Embroidery Works, New York, N. Y. Sewing and embroidering machine.....	854,105	May 21	3542	731	128	974
O'Neill, Timothy J., New York, N. Y. Station-indicator.....	850,673	Apr. 16	3972	831	127	2676
O'Neill, William F. (See Wright and O'Neill.)						
O'Regan, Maurice P., Dorchester, Iowa. Circular-saw guard.....	866,508	Sept. 17	2685	751	130	903
O'Reilly, James H., Louisville, Ky. Surgical foot-rest.....	862,190	Aug. 6	130	36	129	2124
O'Reilly, John C., Belfast, Ireland. Hemstitch sewing-machine.....	858,098	June 25	5231	1109	128	3120
O'Reilly, Patrick, San Francisco, Cal. Fireproof shutter.....	846,603	Mar. 12	1805	397	127	489
O'Rourke, Hugh H. (See Dupre, Wilfred, assignor.)						
O'Shaughnessy, James F., New York, N. Y. Apparatus for gathering cotton.....	843,294	Feb. 5	943	190-1	126	2030
O Toole, Patrick L., Edwardsville, Ill. Molding-machine.....	864,104	Aug. 20	3109	859-60	129	3115
Oakes, Ben, Detroit, Mich. Water-closet bend.....	846,600	Mar. 12	1796	396	127	487
Oakes, Ben, Detroit, Mich. Water-closet bend. (Reissue).....	12,688	Aug. 27	4175	1158-9	129	3476
Oakes, Ernest A., and F. A. Cooney, Chicago, Ill. Recorder.....	871,434	Nov. 19	2721	687-8	131	811
Oakes, Francis J., New York, N. Y. Dyestuff and making same.....	872,250	Nov. 26	4430		131	1109
Oakes, William H. (See Kaiser and Oakes.)						
Oakland Stamp Mill Co. (See Matthews, Francis I., assignor.)						
Oakman, Richard N., New York, N. Y. Apparatus for regulating gas-ports.....	840,795	Jan. 8	2018	445	126	558
Oakman, Richard N., New York, N. Y. Gas-controlling device.....	840,796	Jan. 8	2019	446	126	558
Oakman, Richard N., Brooklyn, N. Y. Pneumatic device for operating gas-valves.....	862,931	Aug. 13	1344	367	129	2531
Oakman, Richard N., Brooklyn, N. Y. Pendant switch for valves.....	862,990	Aug. 13	1431	389	129	2558
Oakman, Richard N., Brooklyn, N. Y. Incandescent gas-burner.....	867,590	Oct. 8	563	159	130	1506
Oakman, Richard N., Brooklyn, N. Y. Pneumatic valve-controlling apparatus for gas-burners.....	867,591	Oct. 8	565	160	130	1507
Oakman, Richard N., Brooklyn, N. Y. Coupling device for gas-fittings.....	868,113	Oct. 15	1413	397	130	1787
Oakman, Thomas C., Philadelphia, Pa. Rotary engine.....	874,616	Dec. 24	4736	994-5	131	2026

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Oakville Company. (See Boden, George, assignor.)						
Oakville Company. (See Middlebrook, William D., assignor.)						
Oakville Company. (See Savage, Orrin H., assignor.)						
Oates, George P. (See Packham and Oates.)						
Oates, George P., assignor to American Seeding Machine Company, Springfield, Ohio. Distributor for seeding-machines.	866,671	Sept. 24	2939	831	130	1010
Obear, Bryan, assignor to Montague Compressed Air Company, St. Louis, Mo. Air lift-pump.	847,433	Mar. 19	3438	754	127	925
Obear, Bryan, assignor to Montague Compressed Air Company, St. Louis, Mo. Driving mechanism for air-compressors.	851,556	Apr. 23	5696	1193	127	3142
Obear, Bryan, and S. C. Martin, assignors to Montague Compressed Air Company, St. Louis, Mo. Regulator for fluid-operated pumps and motors.	847,358	Mar. 19	3283	721	127	884
Obee, Richard R., New York, N. Y. Trawl-net.	852,135	Apr. 30	6924	1446	127	3487
Oberbeck, Frederick, New Athens, and C. T. Taylor, Mount Sterling, Ill. Cooking-stove.	859,687	July 9	2119	572	129	739
Oberholtzer, Henry R., Nebraska City, Nebr., assignor, by mesne assignments, to Interlocking Fence Company, Morton, Ill. Fence-machine.	853,028	May 7	1351	281-2	128	343
Oberly, William C., Canton, Ohio. Steam or water heater.	849,492	Apr. 9	1757	355	127	2071
Obermaier, Julius O., Lambrecht, Germany. Apparatus for treating textile fibers with liquids and gases.	849,635	Apr. 9	2021	414	127	2138
Oberneyer, Otto, Milwaukee, Wis. Marking-gage.	868,114	Oct. 15	1414	397	130	1788
Obert, Alexander, Camden, N. J. Detector for printing-presses or the like.	869,324	Oct. 29	3332	915	130	2433
Obester, John A., Passaic, N. J. Electric fire-alarm.	869,014	Oct. 22	2845	784	130	2256
Obrecht, Charles F., Baltimore, Md. Automobile-tire.	856,657	June 11	2409	496	128	2338
Obrecht, Charles F., Baltimore, Md. Valve.	867,405	Oct. 1	266	78	130	1395
Obragon, Victor A., Bluefields, Nicaragua. Extractor for firearms.	848,198	Mar. 26	4974	1088	127	1343
Och, Richard, Marissa, Ill. Middlings-purifier.	850,959	Apr. 23	4514	945	127	2851
Ochoa, Victor L., assignor of one-half to B. A. Jackson, New York, N. Y. Pen or pencil clip.	854,378	May 21	4046	836	128	1107
Ochoa, Victor L., assignor of one-half to B. A. Jackson, New York, N. Y. Rail magnetic brake.	867,147	Sept. 24	3665	1040	130	1240
Ochoa, Victor L., assignor of three-fourths to R. R. Fogel and B. A. Jackson, New York, N. Y. Rail magnetic brake.	873,587	Dec. 10	2622	552	131	1622
Ochsner, Jakob, Zurich, Switzerland. Refuse-cart.	841,711	Jan. 22	3849	837	126	1102
Ockel, Reinhold. (See Spence and Ockel.)						
Ocuppaugh, Charles H., Rochester, N. Y. Ventilator.	865,518	Sept. 10	1188	339	130	391
Ocuppaugh, Charles H., Rochester, N. Y. Calculator.	869,511	Oct. 29	3629	995	130	2525
Ocuppaugh, Charles H., Rochester, N. Y. Casing for sash balances and pulleys.	869,512	Oct. 29	3631	995	130	2526
Ocuppaugh, Charles H., Rochester, N. Y. Door-controlling device.	870,640	Nov. 12	1219	330	131	432
Oddie, Philip F., Wimbledon, near London, England. Power-machine.	861,047	July 23	4222	1156	129	1486
Odegard, Bertram, Chicago, Ill. Tobacco-pipe.	849,746	Apr. 9	2203	454	127	2182
Odell, Ancil G., Milan, Ohio. Acetylene-generator.	840,361	Jan. 1	1166	253	126	308
Odell, Daniel W. and E. H. Utica, N. Y. Safety-razor.	840,244	Jan. 1	918	201	126	249
Odell, Edward H. (See Odell, Daniel W. and E. H.)						
Odell, Luther B., Walnut, Ill. Gage for printing-presses.	863,311	Aug. 13	1940	524	129	2718
Odell, Preston E., Zion City, Ill. Hot-air furnace.	845,888	Mar. 5	333	69	127	85
Odell, Willard A., assignor of one-half to G. E. and J. R. Norris, Winnipeg, Manitoba, Canada. Oil-pump.	875,370	Dec. 31	6257	1305	131	2294
Odenkirk, Harry C., and P. Pfundstein, Cleveland, Ohio. Railway-frog.	859,101	July 2	1210	326	129	409
Odermann, Henry, and C. V. Strub, Milwaukee, Wis. Auxiliary automatic lubricant-controlling device.	869,383	Oct. 29	3417	940	130	2461
Odom, Elbert T., Sherman, Tex. Chopper and cultivator.	852,194	Apr. 30	7026	1467	127	3514
Odor, Guy C., Lima, Ohio. Telephone-directory.	857,662	June 25	4309	910	128	2887
Odziemczewski, Ladislaus. (See Dackiewicz, Charles, assignor.)						
Oechelhaeuser, Wilhelm von, Dessau, Germany. Vertical gas-engine.	843,040	Feb. 12	2346	502-3	126	2413
Oechelhaeuser, Wilhelm von, Dessau, and C. Steinbecker, Langfuhr, Germany. Vertical gas-engine.	874,369	Dec. 17	4233	891-2	131	1913
Oehlke, Frederick H., Lorain, Ohio. Gas-controlling means.	844,828	Feb. 19	4206	897	126	2910
Oehmler, Oscar A. C., assignor of one-third to W. F. and A. Gude, Washington, D. C. Life-saving apparatus for submarine boats.	857,193	June 18	3420	721-2	128	2632
Oehring, Oscar, Eisleben, assignor of one-half to Abel'sche Briefmarken-Automaten-Vertriebs-Gesellschaft M. B. H., Berlin, Germany. Automatic vending-machine for postage-stamps and the like.	864,025	Aug. 20	2983	824-5	129	3076
Oehrlé, Emanuel, assignor of one-third to F. R. Heft, Omaha, Nebr. Mechanical movement.	863,430	Aug. 13	2104	567	129	2773
Oehrmann, Hermann, Osnabruck, Germany. Sling.	869,325	Oct. 29	3334	915	130	2434
Oelman, Curt E., Detroit, Mich. Mortar-mixer.	873,455	Dec. 10	2351	494	131	1577
Oelschlaeger, Friedrich W., Watertown, Wis. Building-block.	854,708	May 21	4695	978	128	1267
Oelschläger, Ernst, Charlottenburg, assignor to Siemens-Schuckert-Werke, Gesellschaft mit Beschränkter Haftung, Berlin, Germany. Dynamo-electric machine.	846,422	Mar. 5	1419	314	127	358
Oestergard, Jens C., Burbank, Cal. Implement to arrest the flow of water on sidehills.	871,617	Nov. 19	3085	766	131	871
Oesterle, Charles, W. V. Frank, Springfield, and W. H. Althoff, Dayton, Ohio. Support or carriage for cash-registers.	872,742	Dec. 3	892	185	131	1308
Oesterle, William F., Marion, Ind. Automatic ore-roasting furnace.	864,330	Aug. 27	3459	963	129	3251
Officer, William P., et al. (See McKenzie, William C., assignor.)						
Oettinger, Joseph, Missoula, Mont. Type-writer attachment.	871,815	Nov. 26	3481	853	131	964
Offenbacher, William L., Zanesville, Ohio. Belt.	853,317	May 14	1941	401	128	531
Offenberg, Morris, Pittsburg, Pa. Incandescent-mantle support.	844,957	Feb. 19	4431	947	126	2966
Officer, Thomas. (See Ball and Officer.)						
Officer, Thomas, and H. H. Mercer, assignors to Sullivan Machinery Company, Claremont, N. H. Pressure-actuated valve for engines.	842,003	Jan. 22	4437	955	126	1248
Ofutt, John W., Ellwood City, assignor to Shelby Steel Tube Company, Pittsburg, Pa. Manufacture of compound pipes and tubes.	860,232	July 16	2950	806	129	1038
Oftedahl, Einar. (See McKee and Oftedahl.)						
Ogan Mechanical Appliance Co. (See Ogan, William J., assignor.)						
Ogan, William J., assignor to Ogan Mechanical Appliance Co., Dayton, Ohio. Boiler.	874,423	Dec. 24	4353	916	131	1964
Ogborn, Harrison, assignor, by mesne assignments, to Champion Lever Machine Company, Indianapolis, Ind. Machine-driving mechanism.	847,807	Mar. 19	4204	920	127	1116
Ogburn, John S., Lindale, Tex. Brining and syruing machine.	860,233	July 16	2951	806	129	1039
Ogburn, Rollin C., Flora, Ill. Speed-changing device.	857,300	June 18	3611	764-5	128	2681
Ogden, Albert E., Birmingham, Ala. Nut-lock.	843,840	Feb. 12	1977	424	126	2322
Ogden, Frederick, Keighley, England. Bearing for rotary shafts.	846,341	Mar. 5	1236	372	127	312
Ogden, Herbert G., Jr., et al. (See Cornell, Oliver H. P., assignor.)						
Ogden, John E. L., Liscard, England. Valve and valve-seat for steam-traps.	848,389	Mar. 26	5363	1169	127	1438
Ogden, John E. L., Liscard, England. Steam-trap.	848,390	Mar. 26	5364	1169	127	1438
Ogden, John E. L., Liscard, England. Apparatus for controlling feed-water.	850,045	Apr. 9	2734	574	127	2316
Ogden, Miller J., Rushville, Ind. Money-box.	869,384	Oct. 29	3418	940	130	2461

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Ogden, Walter R., Louisville, Ky. Pan-lifter.....	867,070	Sept. 24	3558	1007	130	1209
Ogden, William L., Burlingame, Kans. Gaiting attachment for sulkies or other vehicles.	874,617	Dec. 24	4739	995	131	2027
Ogilvie, David. (See Kelly and Germain, assignors.)						
Ogilvie, David D., Lee, Nev. Hay-stacker.....	853,111	May 7	1491	311	128	377
Ogle, Elmer L., assignor to N. L. Otis, New York, N. Y. Radiator.....	873,384	Dec. 10	2233	465	131	1553
Ogle, Elmer L., assignor to N. L. Otis, New York, N. Y. Radiator.....	873,385	Dec. 10	2234	455	131	1553
Ogle, James, Wingate, Ind. Hay-ladder fastener.....	849,014	Apr. 2	792	162-3	127	1789
Ogle, Newman M., Walbrook, London, England. Fire-alarm system.....	861,761	July 30	5340	1472	129	1874
Ogle, Robert A., Chicago, Ill. Chute and controlling mechanism therefor for elevators, bins, and the like.....	875,283	Dec. 31	6083	1269	131	2267
Oglesby, Charles B. (See Tiffany, Albert R., assignor.)						
Oglesby, George T. (See Patrick and Oglesby.)						
Ogletree, Wilbur C., Carrollton, Ga. Cultivator.....	845,660	Feb. 26	5838	1233	126	3356
Oharra, Samuel D., West Washington, Pa. Fender.....	842,004	Jan. 22	4442	955	126	1249
Ohashi, Hydesaburo, New York, N. Y. Postal-card protector.....	843,416	Feb. 5	1143	238	126	2078
Ohio Cultivator Co. (See Tuttle, Josiah S., assignor.)						
Ohio Cultivator Company. (See Plank, George A., assignor.)						
Ohio Manufacturing Company. (See Morton and Kouns, assignors.)						
Ohio Match Company. (See Weaver and Laux, assignors.)						
Ohio Pump and Brass Company. (See Wilkins, Charles L., assignor.)						
Ohio Tool Company. (See Marks, Edward S., assignor.)						
Ohl, Addison C., New London, Ohio. Clock.....	862,188	Aug. 6	128	35-6	129	2123
Ohl, Edward, Strassburg, Germany. Projectile.....	849,015	Apr. 2	793	163	127	1789
Ohlhaver, Hinrich P. D., Saude, near Bergedorf, Germany. Milking-machine.....	840,510	Jan. 8	1466	323-4	126	420
Ohliger, Ferdinand, J. Skramovsky, and H. F. Wilke, Elizabeth, N. J. Line-fastener.....	866,053	Sept. 17	2042	569	130	697
Ohlson, Olof, Newton, Mass., assignor, by mesne assignments, to Waltham Watch Company. Escapement.....	856,091	June 4	1218	258	128	2001
Ohlson, Olof, Newton, Mass., assignor, by mesne assignments, to Waltham Watch Company. Dial-holder.....	856,092	June 4	1222	258	128	2002
Ohlson, Olof, Newton, Mass., assignor, by mesne assignments, to Waltham Watch Company. Watch-regulator.....	861,884	July 30	5531	1526	129	1933
Ohm, William J., Minneapolis, Minn. Loading-machine.....	874,532	Dec. 24	4583	961	131	1998
Ohmer Fare Register Company. (See Ohmer and Bridenbaugh, assignors.)						
Ohmer, John F., Dayton, Ohio. Fare-register.....	874,424	Dec. 24	4354	916-17	131	1964
Ohmer, John F., and E. H. Bridenbaugh, Dayton, Ohio. Fare-register.....	872,537	Dec. 3	476	99	131	1240
Ohmer, John F., and E. H. Bridenbaugh, Dayton, Ohio, assignors to Ohmer Fare Register Company, Rochester, N. Y. Ticket issuing and recording machine.....	854,666	May 21	4581	957	128	1239
Ohmer, Wilfred I., assignor to Recording and Computing Machines Company, Dayton, Ohio. Fare-register.....	867,592	Oct. 8	567	160-1	130	1507
Ohmer, Wilfred I., A. J. Kirchner, Dayton, Ohio, and J. W. Hill, Providence, R. I., assignors to Recording and Computing Machines Company, Dayton, Ohio. Fare register and recorder.....	847,808	Mar. 19	4206	920-6	127	1117
Ohmer, Wilfred I., D. B. Whistler, and J. E. McAllister, assignors to Recording and Computing Machines Company, Dayton, Ohio. Fare-register.....	848,262	Mar. 26	5091	1112-4	127	1372
Ohmit, Jacob, <i>et al.</i> (See Duncker, William F., assignor.)						
Oil-Bath Lubricator Co. (See Gamage, Harry C., assignor.)						
Oil and Waste Saving Machine Company. (See Patterson, Thomas S., assignor.)						
Okamoto, Goro, New York, N. Y. Rotary pump.....	870,311	Nov. 5	689	185	131	225
Okell, Charles L. (See Frederick and Okell.)						
Okell, George E., assignor to M. Livingston, Los Angeles, Cal. Core-drill.....	842,577	Jan. 29	5667	1198	126	1594
Okey, George B., assignor of eight-ninths to J. C. Sharp and L. B. Zaring, Indianapolis, Ind. Non-refillable-bottle stopper.....	856,902	June 11	2845	594	128	2446
Okey, Miles. (See Ullman and Okey.)						
Olander, Frank. (See Blomberg, Edwin C., assignor.)						
Olberg, Alphons, Minneapolis, Minn. Glass show-case.....	866,054	Sept. 17	2042	569-70	130	698
Olcott, John D., Norwalk, Ohio. Horseshoe.....	849,080	Apr. 2	932	190	127	1825
Old Hickory Chair Company. (See Staley, Harrison L., assignor.)						
Old, Robert H., and W. J. Lederle, Philadelphia, Pa. Vault-light.....	859,461	July 9	1763	472	129	625
Olden, Louise J., Boston, Mass. Floral design.....	849,696	Apr. 9	2119	436	127	2162
Olden, William Q. (See Campbell, Robert B., assignor.)						
Olden, William Q., Chicago, assignor to himself, and R. B. Campbell, Joliet, Ill. Car construction.....	866,674	Sept. 24	2945	833-4	130	1012
Olden, William Q., Chicago, assignor to himself, and R. B. Campbell, Joliet, Ill. Car-brake.....	866,675	Sept. 24	2948	834	130	1012
Olden, William Q., Chicago, assignor to himself, and R. B. Campbell, Joliet, Ill. Dump-car.....	866,676	Sept. 24	2949	835	130	1013
Oldenburg, Charles, <i>et al.</i> (See Doak, David H., assignor.)						
Oldenburg, Friedrich A. von. Oldenburg, Germany. Screw-propeller.....	858,749	July 2	670	176	129	232
Oldfield, Tom, and J. A. Schofield, Halifax, England. Resilient wheel for motor-cars and other road-vehicles.....	863,206	Aug. 13	1781	479	129	2672
Oldham, Alfred V., Louisville, Ky. Powder-can top.....	860,105	July 16	2758	753	129	975
Oldham, George F., assignor to himself and T. H. Young, Toledo, Ohio. Hem-finder.....	849,636	Apr. 9	2022	415	127	2138
Oldham, Herschel, assignor of one-half to B. Fish, De Land, Fla. Lath-cutter.....	858,903	July 2	925	242	129	319
Oldham, Samuel. (See Rivett and Oldham.)						
Oldham, Samuel, Philadelphia, Pa. Pneumatic tool.....	859,242	July 9	1436	382	129	517
Olds, David E., Newark, N. J. Rail-fastener.....	841,267	Jan. 15	2970	646	126	843
Olds, Edwin W., Milwaukee, Wis., assignor to General Electric Company. Field-coil terminal connection.....	863,207	Aug. 13	1783	479	129	2672
Olds Motor Works. (See Coffin, Howard E., assignor.)						
Olds Motor Works. (See Harrington, Norman T., assignor.)						
Olds, Philo G., Elyria, Ohio. Water-heater.....	855,197	May 28	5707	1188	128	1554
Oleschak, Julius, Philadelphia, Pa. Pocket for garments.....	862,992	Aug. 13	1433	390	129	2559
Oleson, Albert, Toledo, Ohio, assignor to Ruedy Bushing Company. Boring-tool.....	855,411	May 28	6079	1270	128	1648
Oleson, Albert, W. A. and C. C. Williams, Toledo, Ohio; said Oleson assignor to said W. A. and C. C. Williams. Water-heater.....	855,410	May 28	6077	1270	128	1648
Oleson, Frank L., Chicago, Ill. Skating-rink.....	854,903	May 28	5111	1063	128	1405
Olessak, John A. (See Whipple and Olessak.)						
Olin Gas Engine Company. (See Throop and Freeman, assignors.)						
Olinger, Jacob M., Springfield, Ohio. Trolley-pole connection.....	840,649	Jan. 8	1731	381-2	126	488
Oliva, John C., Marengo, Iowa. Side step for wagons.....	868,115	Oct. 15	1415	398	130	1788
Oliva, Sabbath A., Danbury, Conn. Implement for applying rubber tires.....	874,984	Dec. 31	5498	1148	131	2171
Oliver, James T., Damascus, Ark. Harrow, planter, and cultivator.....	859,243	July 9	1438	383	129	518
Oliver, Alfred, Alpena, Mich. Turbine.....	873,075	Dec. 10	1627	339	131	1453
Oliver, Charles D., New York, N. Y. Centering for fireproof construction.....	868,116	Oct. 15	1415	398	130	1788
Oliver Chilled Plow Works. (See Davis, Calvin R., assignor.)						
Oliver, Edd C., assignor of one-half to H. E. Pence, Minneapolis, Minn. Speed-indicator.....	849,851	Apr. 9	2426	495	127	2241

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Oliver, Frederick, Portsmouth, Va. Wrecking device.....	854,596	May 21	4455	927	128	1207
Oliver, Garritt H., <i>et al.</i> (See Richter, Edward, assignor.)						
Oliver, George T. (See Slingluff, Harry G., assignor.)						
Oliver, Harry G., New York, N. Y. Boat-releasing device.....	845,477	Feb. 26	5497	1164	126	3274
Oliver, Henry J., Cleveland, Ohio. Reversible window.....	857,826	June 25	4644	985	128	2972
Oliver Iron and Steel Company. (See Baumann, Frederick W., assignor.)						
Oliver Iron and Steel Company. (See Crehan, Hubert, assignor.)						
Oliver Iron and Steel Company. (See Guthridge, Clarence E., assignor.)						
Oliver Manufacturing Company. (See Oliver, William B., assignor.)						
Oliver, Prince A. (See Cooper and Oliver.)						
Oliver Typewriter Company. (See Knapp and Harting, assignors.)						
Oliver Typewriter Company. (See Poole, Charles C., assignor.)						
Oliver, Walton F., Templeton, Mass. Locking device for chair-trays.....	848,391	Mar. 26	5366	1169	127	1439
Oliver, Wilbur C., Bath, Me. Cigar-holding attachment.....	856,362	June 11	1838	377	128	2194
Oliver, William, Lockport, N. Y. Machine for delinting cotton-seed hulls.....	854,232	May 21	3797	783-4	128	1042
Oliver, William B., Sharon Hill, assignor to Oliver Manufacturing Company, Philadelphia, Pa. Support.....	858,819	July 2	805	210	129	279
Oliver, William B., Sharon Hill, assignor to Oliver Manufacturing Company, Philadelphia, Pa. Support.....	858,820	July 2	806	210-11	129	280
Oliver, William B., Sharon Hill, assignor to Oliver Manufacturing Company, Philadelphia, Pa. Adjustable support.....	858,821	July 2	810	211	129	280
Oliver, William B., Collingswood, N. J., assignor to Oliver Manufacturing Company, Philadelphia, Pa. Telephone-stand.....	858,822	July 2	813	211	129	281
Oliver, William H., Chicago, Ill. Wrench or nut-jack.....	865,519	Sept. 10	1190	339	130	391
Ollagnier, Barthélemy. (See Chavanne and Ollagnier.)						
Ollard, Harry D., Tacoma, Wash. Attachment for hats.....	847,809	Mar. 19	4234	926	127	1122
Ollrich, John F., San Francisco, Cal. Dredger-cutter.....	856,487	June 11	2073	426	128	2254
Ollrich, John F., San Francisco, Cal. Dredge-cutter.....	856,544	June 11	2175	448	128	2278
Ollrich, John F., San Francisco, Cal. Suction-dredge cutter.....	869,385	Oct. 29	3419	940	130	2461
Olmstead, Chester A., East Bloomfield, N. Y. Beehive.....	850,176	Apr. 16	3004	629	127	2424
Olmstead, Medora M., Lawrence, Mass. Eraser-holder.....	848,392	Mar. 26	5368	1170	127	1439
Olmsted, Will E., Coudersport, Pa. Trap-nest.....	860,880	July 23	3954	1084	129	1401
Olney, Allan E., Pittsfield, Mass. Automatic mechanism for playing musical instruments.	839,880	Jan. 1	154	36	126	43
Olney, Alonzo S., Berkeley, Cal. Movable fire-escape for buildings.....	868,117	Oct. 15	1418	398-9	130	1789
Olsen, Carl, Escanaba, Mich. Stump-puller.....	862,345	Aug. 6	386	107	129	2204
Olsen, Edwin O., Milwaukee, Wis. Pinch-dog.....	862,189	Aug. 6	130	36	129	2124
Olsen, Eli, Portland, Oreg. Mop-wringer.....	866,055	Sept. 17	2044	570	130	698
Olsen, George E., and O. J. Johnson, Muskegon, Mich. Invalid-lifter.....	873,076	Dec. 10	1628	339	131	1453
Olsen, George M., Kensett, Iowa. Vehicle-coupling.....	860,763	July 23	3770	1033	129	1340
Olsen, John, assignor to W. I. Greenleaf and J. M. Beech, Milwaukee, Wis. Sieve-cleaner.....	874,030	Dec. 17	3498	744	131	1800
Olsen, John P., Minneapolis, Minn. Shoe-lace holder.....	843,485	Feb. 5	1288	270	126	2115
Olsen, Mathias. (See Haubert and Olsen.)						
Olson, Alex H., and C. E. Nyberg, Chicago, Ill. Rotary engine.....	866,677	Sept. 24	2952	836-7	130	1013
Olson, Andrew F., Chicago, Ill. Automatic oiler.....	864,857	Sept. 3	149	42	130	47
Olson, Andrew F., Chicago, Ill. Buffer.....	864,985	Sept. 3	354	95	130	111
Olson, Axel L., Essex, Conn. Device for automatically disconnecting power-driven pumps.....	862,099	July 30	5866	1626	129	2038
Olson, Carl A., Milan, Minn. Hoisting apparatus.....	867,071	Sept. 24	3559	1007	130	1209
Olson, Everett W., Garfield, Kans. Wagon end-gate.....	849,263	Apr. 2	1296	263	127	1918
Olson, George O., Chicago, Ill. Fastening means.....	847,359	Mar. 19	3286	721	127	835
Olson, Jacob, Oskaloosa, and W. J. O. Boals, Albia, Iowa. Pick.....	869,727	Oct. 29	3981	1100	130	2631
Olson, John A., Minneapolis, Minn. Electrical controller for steam plants, &c.....	856,417	June 11	1953	401	128	2223
Olson, John F., Tacoma, Wash. Saw gage and jointer.....	840,155	Jan. 1	745	162	126	202
Olson, John F., and M. C. Christensen, Tacoma, Wash. Saw-setting tool.....	872,445	Dec. 3	262	54	131	1210
Olson, Martin A., Brainerd, Minn. Window-pane fastening.....	872,192	Nov. 26	4303	1027	131	1090
Olson, Olof. (See Fuchs, Nathan, assignor.)						
Olson, Oscar R., Carrollton, Mo. Carousel.....	843,908	Feb. 12	2109	452	126	2355
Olson, Oscar T., Blanchardville, Wis. Trace-carrier.....	864,331	Aug. 27	3461	964	129	3251
Olson, Paul, Stoughton, Wis. Block-molding machine.....	842,109	Jan. 22	4632	993-4	126	1294
Olson, Paul, Stoughton, Wis. Building-blocks.....	843,417	Feb. 5	1144	238	126	2078
Olson, Peter A., Cloquet, Minn. Rail and tie coupling.....	875,098	Dec. 31	5724	1193	131	2208
Olson, Peter O., South Chicago, Ill. Trimming-chute.....	861,141	July 23	4354	1193-4	129	1530
Olson, Samuel, Chicago, Ill. Pneumatic conveyor.....	866,804	Sept. 24	3156	187	130	1085
Olson, Sivert, Petersburg, N. D. Excavating-machine.....	839,949	Jan. 1	302	66	126	83
Olson, Thomas, Northwood, N. D. Automatic watering-trough.....	874,231	Dec. 17	3966	836-7	131	1868
Olsson, Emil, Bofors, Sweden. Automatic extractor for detonating cartridges in breech-loading guns.....	843,231	Feb. 5	811	167	126	2000
Olsson, Henry A., Brooklyn, N. Y. Filling-machine for bottle-caps.....	872,079	Nov. 26	4094	980	131	1054
Olsson, Henry A., Brooklyn, assignor of two-thirds to A. and E. Williamson, New York, N. Y. Stapling-machine.....	873,888	Dec. 17	3229	689	131	1755
Olsson, Per J., Ashammar, Sweden. Folding bedstead.....	861,885	July 30	5533	1527	129	1933
Oltmanns, Johannes, Rintheim, Baden, Germany. Forming building material.....	847,202	Mar. 12	2973	655	127	781
Olton, Gustaf, Monticello, Minn. Power-transmitting mechanism.....	860,881	July 23	3856	1084	129	1401
Oman, Charles G., Jonesboro, Ind. Cider-mill.....	847,810	Mar. 19	4234	927	127	1122
Oman, Charles G., Jonesboro, Ind. Lawn-mower.....	855,527	June 4	159	32	128	1735
Omberg, Niles E., Palestine, Tex. Cultivator.....	845,255	Feb. 26	5034	1071	126	3159
Omer, George, <i>et al.</i> (See Ledford, John E., assignor.)						
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Vibrating-lever-operating mechanism.....	848,263	Mar. 26	5107	1115	127	1377
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Sewing Machine Company, Chicago, Ill. Zigzag needle-operating mechanism for sewing-machines.....	872,675	Dec. 3	752	156-7	131	1286
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Sewing Machine Company, Chicago, Ill. Device for controlling the bight of the needle into the goods in blindstitch sewing-machines.....	872,676	Dec. 3	755	157	131	1286
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Sewing Machine Company, Chicago, Ill. Chain-stitch sewing-machine.....	875,592	Dec. 31	6683	1396-7	131	2365
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Sewing Machine Company, Chicago, Ill. Loper-operating mechanism for sewing-machines.....	875,593	Dec. 31	6684	1397	131	2366
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Sewing Machine Company, Chicago, Ill. Seam for sewed articles.....	875,594	Dec. 31	6686	1398	131	2366
Onderdonk, Lansing, New York, N. Y., assignor to Union Special Sewing Machine Company, Chicago, Ill. Loper-operating mechanism for sewing-machines.....	875,671	Dec. 31	6961	1450	131	2393
Oneida Community. (See Collins, Jeremiah W., assignor.)						
Oneida Community. (See Wright, Orrin D., assignor.)						
Ong, Harlon F., Portland, Oreg. Syringe-nozzle.....	856,093	June 4	1223	258	128	2002

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Ongley, Charles E., New York, N. Y., assignor, by mesne assignments, to Button Sewing Attachment Company. Button-sewing attachment for sewing-machines.	842,157	Jan. 22	4752	1015	126	1325
Ongley, Charles E., New York, N. Y., assignor to Button Sewing Attachment Company. Stop-motion mechanism for sewing-machines.	859,008	July 2	1087	286-7	129	370
Ono, Zenkichi, Masury, Ohio. Vegetable-cutting machine.	852,844	May 7	957	197	128	244
Onsum, Peter, Jackson, Tenn., and H. R. Dohren, Champaign, Ill. Governor.	847,597	Mar. 19	3763	825	127	1012
Ontario Drill Company. (See Armitage and Thistlethwaite, assignors.)						
Ontario Nickel Company. (See Dow, Gates, and Schaefer, assignors.)						
Ontario Nickel Company. (See Gates and Dow, assignors.)						
Ontario Nickel Company. (See Griswold, Thomas, Jr., assignor.)						
Ontrich, John H. (See Cox and Ontrich.)						
Opalla, Arthur, Chicago, Ill. Loose-leaf binder.	867,526	Oct. 1	451	129	130	1455
Open Coil Heater & Purifier Company. (See Stickle, Cole, assignor.)						
Oppenheimer, Albert, London, England. Game device.	849,806	Apr. 9	2326	477	127	2216
Oppenneer, James. (See Grant, Robert E., assignor.)						
Oprendek, Franz, Vienna, assignor, by mesne assignments, of one-half to S. Pollak, Györ, Austria-Hungary. Safety-fuse.	860,606	July 16	3514	967	129	1226
Opsal, Andrew, Portland, Oreg. Pulley-block.	845,041	Feb. 19	4604	980	126	3010
Opsal, Sören, and L. A. Mydland, Stavanger, Norway. Opening device for preserve-boxes.	842,237	Jan. 29	4935	1052-3	126	1403
Oram, John S., Cleveland, Ohio. Barrel-leveling machine.	846,601	Mar. 12	1798	396	127	487
Oram, John S., Cleveland, Ohio. Barrel leveling machine.	846,602	Mar. 12	1802	397	127	488
Orange, Verne C., and F. M. Bowers, Pueblo, Colo. Air-brake-locking device.	855,863	June 4	818	170-1	128	1900
Orbin, Edwin R., Duquesne, Pa. Curtain-stretcher.	865,722	Sept. 10	1503	424	130	489
Orbison, James B., F. C. Kingsbury, and A. J. Pray, Columbus, Ohio. Seal-bolt.	853,727	May 14	2754	566	128	741
Orbison, James B., F. C. Kingsbury, and A. J. Pray, Columbus, Ohio. Seal-padlock.	865,313	Sept. 3	845	243	130	257
Oreutt, Darius M., Kansas City, Kans. Pitless weighing-scale.	842,418	Jan. 29	5335	1131	126	1513
Oreutt, Edward L., New York, N. Y., assignor to Railway Safety Signal Company. Electric signaling device.	855,966	June 4	1005	211	128	1947
Oreutt, Edward L., New York, N. Y., assignor to Railway Safety Signal Company. Electric signaling device.	855,967	June 4	1010	211	128	1949
Oreutt, Edward L., New York, N. Y., assignor to Railway Safety Signal Company. Electric signaling device.	855,968	June 4	1013	211	128	1950
Oreutt, Edward L., New York, N. Y., assignor to Railway Safety Signal Company. Electrical signaling device for railways.	856,094	June 4	1224	259	128	2002
Oreutt, Edward L., New York, N. Y., assignor to Railway Safety Signal Company. Electric semaphore.	856,095	June 4	1227	259	128	2003
Oreutt, Edward L., and R. Sheldon, New York, N. Y., assignor to Railway Electric Signal Company. Electric signaling system.	855,727	June 4	546	113	128	1835
Ord, Craven R., McAdam, New Brunswick, Canada. Ash-handling crane.	842,005	Jan. 22	4443	956	126	1249
Ording, Frederick W., Jersey City, N. J., assignor of one-half to E. Higgings, New York, N. Y. Screw-propeller.	864,484	Aug. 27	3693	1029	129	3329
Ore Concentration Company (1905). (See Elmore, Alexander S., assignor.)						
Orongo, Cesare, Genoa, Italy. Oil suction and collecting apparatus for steam-engines.	870,579	Nov. 12	1106	303	131	391
Orff, Frank, <i>et al.</i> (See Montgomery, John H., assignor.)						
Orgain, John F., Orgainville, Va. Book-mark.	868,470	Oct. 15	1971	549	130	1956
Organ Power Company. (See Spencer, Ira H., assignor.)						
Orgren, Tony, San Diego, Cal. Aerial vessel.	852,292	Apr. 30	7192	1510	127	3555
Orlikowski, Frank, and L. H. Koehnle, Cleveland, Ohio. Earthenware shingle.	855,475	June 4	65	14	128	1711
Orling, Axel. (See Armstrong and Orling.)						
Orling, Axel, Upper Tooting, England. Electrocapillary apparatus.	872,193	Nov. 26	4304	1028	131	1090
Orlopp, Piatt M., Indianapolis, Ind. Trolley-wheel.	862,191	Aug. 6	131	36-7	129	2125
Ormsrod, Frederick C. (See Dieckmann and Ormsrod.)						
Ormsrod, William L. (See Adams, Charles F., assignor.)						
Ormsby, George S., Xenia, Ohio. Mortar-gage.	856,363	June 11	1839	377	128	2195
Ormsby, John W., Milwaukee, Wis. Fuel-feeding device.	875,371	Dec. 31	6258	1306	131	2295
Orndol, Edwin J. (See Howe and Orndol.)						
Oronhyatekha, Acland, Deseronto, Ontario, Canada. Steam-boiler.	853,992	May 21	3304	679-80	128	916
Orosz, Ludwig M., assignor of one-half to D. Neuman, Arad, Austria-Hungary. Automatic coupling for railway-vehicles.	856,418	June 11	1956	402	128	2223
Orosz, Ludwig M., Budapest, assignor of one-half to D. Neuman, Arad, Austria-Hungary. Laterally-operative railway-car coupling.	860,235	July 16	2955	807	129	1040
Orr, Edward J., Nodaway, Iowa. Window-sash.	856,419	June 11	1957	402	128	2224
Orr, Francis L., Thurman, assignor of one-half to M. Morrow, Percival, Iowa. Engine-starter.	870,580	Nov. 12	1107	303	131	391
Orr, Gaylord A., Cripple Creek, Colo. Sash-fastener.	869,798	Oct. 29	4080	1126	130	2659
Orr, Gaylord A., Cripple Creek, Colo. Drill-chuck.	871,618	Nov. 19	3087	767	131	871
Orr, George, <i>et al.</i> (See Didrich, John H., assignor.)						
Orr, Robert A., assignor of one-half to I. P. Martin, Kingwood, W. Va. Combined envelop opener, moistener, and sealing device.	863,312	Aug. 13	1941	524	129	2719
Orr, Robert P., Pleasantville, N. Y. Portable tent-frame.	853,560	May 14	2392	498	128	647
Orr, Samuel, Nashville, Tenn. Automatically-folding step and seat.	841,565	Jan. 15	3539	765	126	991
Orr, William J., Westplains, Mo. Agricultural implement.	855,902	June 4	900	187	128	1921
Orrison, Joseph C., Leighs, Va. Brake-lever.	866,805	Sept. 24	3157	888	130	1085
Orrock, John W., Montreal, Quebec, Canada. Traveling conveyer-crane.	841,712	Jan. 22	3849	837	126	1102
Orsborn, William, and L. Graeber, Kansas City, Mo. Lifting-jack.	854,904	May 28	5113	1063	128	1406
Orswell Igniter Company. (See Orswell, Israel C., assignor.)						
Orswell, Israel C., Amesbury, assignor to Orswell Igniter Company, Boston, Mass. Sparking plug for explosion-engines.	841,566	Jan. 15	3540	765	126	991
Ort, Frank, Chicago, Ill. Reversible seat.	849,423	Apr. 9	1600	324	127	2033
Ortenberger, Ernst W., <i>et al.</i> (See Hackett, John A., assignor.)						
Orth, Frederick W., Portland, Oreg. Meat-chopping machine.	853,894	May 14	3090	635	128	824
Orthwein, William R., St. Louis, Mo. Golf-club.	855,016	May 28	5329	1106	128	1460
Ortmann, Christian, Schependorf, near Baumgarten, Germany. Contrivance to sprinkle manure.	849,081	Apr. 2	934	191	127	1826
Ortmayer & Son, A. (See Spies, Christoph A., assignor.)						
Orton, Fredrick A., Santa Monica, Cal., assignor of one-half to Southwest Warehouse Company. Cleaning and grading machine.	860,147	July 16	2818	769	129	998
Orton, Wilber B., Farmington, Ill. Oil-can.	868,691	Oct. 22	2350	652	130	2104
Ortt, Jay B., Chicago, Ill. Combination-lifter.	840,650	Jan. 8	1734	382	126	488
Orzechowski, Andrzej, Kane, Pa. Moccasin.	850,961	Apr. 23	4519	945	127	2851
Orzel, Franz, assignor to Firm of Voigt & Haefner, Aktiengesellschaft, Frankfurt-on-the-Main, Bockenheim, Germany. Electrical switch.	871,139	Nov. 19	2063	558	131	712
Osborn, Alden E., New York, N. Y. Automatic controller.	860,882	July 23	3957	1085	129	1402
Osborn, Alexander C., Clarksburg, W. Va. Sawmill set-works.	857,663	June 25	4310	910	128	2887
Osborn Francis C., Detroit, Mich. Cut-off mechanism for paper-tube machines.	863,208	Aug. 13	1784	479-80	129	2673

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Osborn, Francis C., Detroit, Mich., assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register.....	861,312	July 30	4633	1266-7	129	1657
Osborn, Francis C., Detroit, Mich., assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Change making, indicating, and registering machine.....	864,185	Aug. 27	3241	899-901	129	3184
Osborn, Henry P., Bayonne, N. J. Producing threads and undercuts in porcelain and other vitreous substances.....	865,314	Sept. 3	847	243	130	257
Osborn, John A., <i>et al.</i> (See McKay, Peter, assignor.).....						
Osborn, Lafayette M., and J. E. Mannis, Topeka, Kans. Compensating mechanism.....	844,462	Feb. 19	3209	692	126	2667
Osborn, Lafayette M., and J. E. Mannis, Topeka, Kans. Valve mechanism for internal-combustion engines.....	862,100	July 30	5867	1626	129	2038
Osborn Manufacturing Company. (See Rice, Edward E., assignor.).....						
Osborn, Pearl W., Loveland, Colo. Wrench.....	862,750	Aug. 6	1078	290	129	2412
Osborn, William G., Gary, Ind. Corn-shock loader.....	860,317	July 16	3073	841	129	1080
Osborn, William H., <i>et al.</i> (See Cusack, George B., assignor.).....						
Osborn, William L., York, Nebr. Curtain-operator.....	854,963	May 28	5213	1086	128	1430
Osborn, Winfield S., assignor of one-half to C. W. Littlefield, Remington, Ind. Button.....	854,233	May 21	3799	784	128	1042
Osborne, Don M. (See Hunter, Robert L., assignor.).....						
Osborne, Eugene F., Chicago, Ill. Safety-valve for high-pressure tanks.....	841,095	Jan. 8	2627	575	126	712
Osborne, Eugene F., assignor to Osborne Steam Engineering Company, Chicago, Ill. Apparatus for the use of carbon dioxide for the extinguishment of fires.....	868,218	Oct. 15	1554	442-3	130	1829
Osborne, Frank M., Anaconda, Mont. Crank-hanger.....	846,239	Mar. 5	1042	223	127	265
Osborne, Heman, Springfield, Mass. Transom-lifter.....	856,288	June 11	1644	341	128	2143
Osborne, John H., Anderson, Ind. Cheese-cutter.....	858,750	July 2	671	177	129	232
Osborne, Lewis E., Brooklyn, N. Y. Canopy for beds.....	875,206	Dec. 31	5930	1236-7	131	2243
Osborne Steam Engineering Company. (See Osborne, Eugene F., assignor.).....						
Osborne, William S., Marietta, Pa. Apparatus for hydrating lime.....	845,189	Feb. 26	4908	1040-1	126	3129
Osborne, William S., Marietta, Pa. Hydrating lime.....	845,190	Feb. 26	4910	1041	126	3129
Osborne, William S., Marietta, Pa. Grinding or pulverizing mill.....	845,661	Feb. 26	5842	1234	126	3357
Osborne, William S., Hyde Park, assignor of one-half to B. F. Sturtevant Company, Boston, Mass. Dust-collector.....	853,517	May 14	2314	480	128	628
Osborne, William S., Hyde Park, assignor of one-half to B. F. Sturtevant Company, Boston, Mass. Separator for fibrous materials.....	853,518	May 14	2316	480-1	128	628
Osbun, Claude M. (See Hunt and James, assignors.).....						
Oscar Barnett Foundry Company. (See Rosentreter, Albert J., assignor.).....						
Oscar Lear Automobile Company. (See Frayer and Miller, assignors.).....						
Oscar Lear Automobile Company. (See Miller, William J., assignor.).....						
Osel, Kistei, St. Paul, Minn. Slidable hinge-hanger for grain-doors.....	841,428	Jan. 15	3292	711	126	926
Osgood, Beman F., <i>et al.</i> (See Kiner, Nelson, assignor.).....						
Osgood, Frederick M., Manchester, N. H. Game.....	845,811	Mar. 5	154	30	127	42
Osgood, Isaac G., <i>et al.</i> (See Kiner, Nelson, assignor.).....						
Osgood, John L., Buffalo, N. Y. Tool-handle.....	857,894	June 25	4772	1014	128	3001
Osgood Scale Company. (See Gilbert, William N., assignor.).....						
Osius, Frederick J., assignor to United States Standard Electrical Works, Racine, Wis. Massaging implement.....	847,360	Mar. 19	3287	721	127	885
Oskamp, Alfred, Wyoming, Ohio. Friction-clutch.....	870,642	Nov. 12	1222	331	131	433
Oskamp, Clemens, Cincinnati, Ohio. Automatic pie trimming and crimping machine.....	854,304	May 21	3917	808	128	1073
Osmer, John E., Chicago, Ill. Combination wheel and tire gage.....	870,581	Nov. 12	1109	303	131	392
Osmer, John E., Chicago, Ill. Vise.....	871,816	Nov. 26	3482	853	131	964
Oss, John, Atlanta, Minn. Surveyor's leveling-rod.....	864,485	Aug. 27	3694	1029-30	129	3329
Ossenbeck, Anton. (See Dressel and Ossenbeck.).....						
Ossenbeck, Anton. (See Kothe and Ossenbeck.).....						
Osteman, Carl G. (See Blood and Osteman.).....						
Oster, Arlie D., and L. Main, Centralia, Wash. Making swivel-joints.....	874,618	Dec. 24	4740	996	131	2027
Oster, William, Caldwell county, Mo. Mowing-machine.....	869,799	Oct. 29	4081	1126-7	130	2660
Osterberg, Robert, Norway, Mich. Folding combination desk-chair and couch.....	854,379	May 21	4046	836-7	128	1107
Osterberg, Theodor, Chicago, Ill. Vise.....	843,295	Feb. 5	946	191	126	2031
Osterholm, Oscar C., and J. B. Eastman, Clarinda, Iowa. Gage-pin for platen-presses.....	854,106	May 21	3545	732	128	974
Ostermann, Henry C., assignor to Ostermann Manufacturing Co., Chicago, Ill. Grain-door valve.....	842,969	Feb. 5	253	55	126	1853
Ostermann Manufacturing Co. (See Conger, Noble H., assignor.).....						
Ostermann Manufacturing Co. (See Ostermann, Henry C., assignor.).....						
Ostermeyer, Louis, Pleasant Hill, Mo. Car-fender.....	863,209	Aug. 13	1787	480	129	2674
Ostertag, C. (See Platt, Arthur E., assignor.).....						
Ostertag, Paul, Winterthur, Switzerland. Drying-stove.....	864,186	Aug. 27	3255	901	129	3189
Ostlund, Emil E., Pennock, Minn. Device for stretching fence-wires.....	860,318	July 16	3074	841	129	1081
Ostlund, John, and W. Sandberg, Braddock, Pa. Scale-connector.....	872,964	Dec. 3	1351	285	131	1379
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Gondola car.....	840,797	Jan. 8	2020	446	126	558
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Hopper-bottom gondola car.....	840,798	Jan. 8	2022	447	126	559
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Car-truck.....	846,240	Mar. 5	1043	224	127	266
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Seat and seat-back for railway rolling-stock.....	847,023	Mar. 12	2622	576	127	695
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Roof construction for passenger-cars.....	847,500	Mar. 19	3562	781-2	127	957
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Vestibule trap-door and steps for passenger-cars.....	847,501	Mar. 19	3564	782	127	958
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Side deck for passenger-car roofs.....	847,502	Mar. 19	3566	783	127	959
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Car construction.....	847,503	Mar. 19	3567	783	127	959
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Passenger-car.....	847,504	Mar. 19	3569	783-5	127	960
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Passenger-car construction.....	847,505	Mar. 19	3575	786	127	962
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Ornamental pressed-metal molding.....	847,506	Mar. 19	3576	786	127	962
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Equalizing device for car-trucks.....	851,371	Apr. 23	5334	1118	127	3055
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Hopper-bottom car.....	852,845	May 7	960	197-8	128	244
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Car construction.....	861,313	July 30	4636	1267	129	1658

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Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Car-underframe.....	866,956	Sept. 24	3378	955-6	130	1154
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Seat and seat-back for railway rolling-stock.....	871,951	Nov. 26	3781	919	131	1010
Ostrander, Allen E., Paterson, N. J., assignor to American Car & Foundry Company, St. Louis, Mo. Car bolster and underframe.....	872,965	Dec. 3	1352	285-6	131	1380
Ostrander, Harriet L., <i>et al.</i> (See Poe, George, assignor.).....						
Ostrander, James, Indianapolis, Ind. Sheet-packing.....	871,178	Nov. 19	2142	572	131	725
Ostrum, John, Traer, Iowa. Shocker attachment for grain harvesters and binders.....	848,199	Mar. 26	4975	1088	127	1343
Ostwald, Wilhelm, Leipzig, Germany. Manufacturing nitric acid.....	858,904	July 2	926	242	129	319
Oswald, Eugene, United States Navy. Means for recovering submarine boats.....	856,096	June 4	1229	259	128	2003
Oswald, Karl, Jr., Newark, N. J. Bag.....	840,086	Jan. 1	591	128	126	157
Oswald, Paul E., Los Angeles, Cal., assignor to Western Electric Company, Chicago, Ill. Toll-box.....	846,604	Mar. 12	1807	397-8	127	489
Oswald, Paul E., assignor to H. N. Wayne, Los Angeles, Cal. Hair-drying comb.....	862,101	July 30	5869	1626	129	2039
Oswald, William S., Direct, Tex. Wheel-hub.....	868,801	Oct. 22	2528	696	130	2157
Oswalt, Eugene B., Tuskegee, Ala. Printing-type.....	842,690	Jan. 29	5942	1252	126	1662
Otis, Edward J. (See Dietz, Herman F., assignor.).....						
Otis Elevator Company. (See Carichoff, Eugene R., assignor.).....						
Otis Elevator Company. (See Dickinson, William N., Jr., assignor.).....						
Otis Elevator Company. (See Dillon, John, assignor.).....						
Otis Elevator Company. (See Grosvenor and Coolidge, assignors.).....						
Otis Elevator Company. (See Hultgren, William H., assignor.).....						
Otis Elevator Company. (See Ihlder, John D., assignor.).....						
Otis Elevator Company. (See Ihlder and Scott, assignors.).....						
Otis Elevator Company. (See Newell, Frederick W., assignor.).....						
Otis Elevator Company. (See Smith, Rudolph C., assignor.).....						
Otis Elevator Company. (See Sundh, August, assignor.).....						
Otis Elevator Company. (See Venn, Isaac H., assignor.).....						
Otis, Ivah, Marshall, Minn. Milk-pail holder.....	868,692	Oct. 22	2352	652	130	2104
Otis, N. Leroy. (See Ogle, Elmer L., assignor.).....						
Otis, Spencer. (See White and Otis.).....						
Otis, Spencer, Chicago, Ill. Dump-car.....	851,372	Apr. 23	5335	1119	127	3055
Otis, Spencer, Chicago, Ill. Fluid-pressure motor.....	869,453	Oct. 29	3540	970	130	2499
Otis, Spencer, Chicago, Ill. Motor railway-truck.....	869,456	Oct. 29	3543	971-2	130	2499
Otis, Spencer, Chicago, Ill., assignor to National Patent Holding Company, Rapid City, S. D. Railway-car truck.....	840,156	Jan. 1	746	162	126	202
Otis, Spencer, Chicago, Ill., assignor to National Patent Holding Company, Rapid City, S. D. Worm-gearing.....	840,157	Jan. 1	747	162-3	126	203
Otis, Spencer, Chicago, Ill., assignor to National Patent Holding Company, Rapid City, S. D. Steam-transformer.....	840,158	Jan. 1	748	163	126	203
Otis, Spencer, Chicago, Ill., assignor to National Patent Holding Company. Bolster.....	862,843	Aug. 6	1221	329	129	2457
Otis, Spencer, Chicago, Ill., assignor to National Patent Holding Company, Rapid City, S. D. Steam-transformer.....	869,454	Oct. 29	3541	970	130	2499
Otis, Spencer, Chicago, Ill., assignor to National Dump Car Company. Railway-car.....	854,305	May 21	3920	808	128	1074
Otis, Spencer, Chicago, Ill., assignor to National Dump Car Company. Car.....	854,701	May 21	4670	973	128	1261
Otis, Spencer, Chicago, Ill., assignor, by mesne assignments, to National Dump Car Company. Car.....	858,013	June 25	5051	1068-9	128	3073
Otis, Spencer, Chicago, Ill., assignor to Hutchins Car Roofing Company, Detroit, Mich. Car-roof.....	871,179	Nov. 19	2143	572	131	725
Otis, Spencer, and H. S. Hart, assignors to National Patent Holding Company, Chicago, Ill. Motor-car.....	869,455	Oct. 29	3542	971	130	2499
Ott, Charles W., Pittsburg, Kans. Clothes-pin.....	859,689	July 9	2122	573	129	740
Ott, Frank C., and W. A. Kost, Swissvale, Pa. Nut-lock.....	854,380	May 21	4049	837	128	1108
Ott, Frederick. (See Lipps and Ott.).....						
Ott, Frederick, Woonsocket, R. I., assignor to I. A. Hall, Paterson, N. J. Shuttle. (Reissue).....	12,634	Apr. 16	4389	919	127	2782
Ott, Harvey N., assignor to Spencer Lens Company, Buffalo, N. Y. Illuminating apparatus for microscopes.....	863,805	Aug. 20	2671	737	129	2981
Ott, Harvey N., assignor to Spencer Lens Company, Buffalo, N. Y. Fine-adjustment mechanism.....	866,383	Sept. 17	2524	703	130	851
Ott, John F., Orange, assignor to Edison Storage Battery Company, West Orange, N. J. Apparatus for producing rubber strips.....	850,485	Apr. 16	3596	751-3	127	2579
Ott, Mergenthaler Company. (See Letsch, Frederick W., assignor.).....						
Ott, Samuel A., Joplin, Mo. Attachment for doors.....	859,244	July 9	1439	383	129	519
Ottawa Banking & Trust Company. (See Feeny, Edmund J., assignor.).....						
Ottignon, Augustus W., St. Louis, Mo. Steering mechanism for ships.....	861,478	July 30	4916	1349	129	1744
Otting, Karl, Ludwigsburg, assignor to Firm of F. E. Jagenberg, Düsseldorf, Germany. Labeling-machine.....	860,148	July 16	2819	769	129	998
Ottinger, Edwin C., deceased, Newport, (W. S. Ottinger, Sr., administrator), assignor to J. E. and W. S. Ottinger, Sr., Philadelphia, and S. H. Bair, Newport, Pa. Wire-varying cross-arm and insulator therefor.....	873,456	Dec. 10	2353	494	131	1577
Ottinger, Jennie E., <i>et al.</i> (See Ottinger, Edwin C., assignor.).....						
Ottinger, Leon, New York, N. Y. Device to prevent tampering with or theft of motor-vehicles.....	868,693	Oct. 22	2352	652	130	2105
Ottinger, Walter S., Sr., administrator. (See Ottinger, Edwin C.).....						
Ottinger, Walter S., Sr., <i>et al.</i> (See Ottinger, Edwin C., assignor.).....						
Ottmann, Jacob. (See Dwyer and Ottmann.).....						
Otto, Arthur, New York, N. Y. Mask.....	843,486	Feb. 5	1289	270	126	2115
Otto Gas Engine Works. (See Gunther, Jacob, assignor.).....						
Otto, Henry J., Princeton, Ind. Operating mechanism for type-writing machines.....	859,575	July 9	1948	525	129	684
Otto, Henry J., Princeton, Ind. Mechanism for returning the carriage of a type-writing machine.....	859,576	July 9	1949	525	129	685
Otto, Henry J., Princeton, Ind. Platen-rotating mechanism for type-writers.....	869,386	Oct. 29	3420	940	130	2461
Otto, Horace Y., Williamsport, Pa. Paper-roll holder.....	840,651	Jan. 8	1735	382	126	488
Otto, Mathias N., Lancaster, Pa. Filtering apparatus.....	847,103	Mar. 12	2769	612	127	729
Otto, William G. (See Howes and Otto.).....						
Ottoson, Otto, Jerico, Iowa. Attachment for draft-tongues.....	849,563	Apr. 9	1888	385	127	2105
Otzen, Charles, Schenectady, N. Y. Stop mechanism for phonographs.....	849,852	Apr. 9	2428	495	127	2242
Oubridge, William A., Coventry, England. Chuck.....	868,471	Oct. 15	1972	550	130	1956
Oungst, Webb M., St. Louis, Mo. Lead, slug, rule, and furniture case.....	845,972	Mar. 5	508	104	127	131
Outerbridge, Alexander E., Jr., Philadelphia, Pa. Manufacture of articles from cast-iron.....	842,906	Feb. 5	123	-----	126	1820
Oven, Frederick W. von, Aurora, Ill. Filter-press.....	872,008	Nov. 26	3936	948	131	1029
Ovens, James, New York, assignor to S. E. Ovens, Brooklyn, N. Y. Printing-machine.....	861,605	July 30	5104	1400-3	129	1806

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Ovens, Sarah E. (See Ovens, James, assignor.)						
Overacker, Frank S., Stella, Wash. Stanchion.	849,264	Apr. 2	1298	263	127	1919
Overbaugh, Charles M., Clarion, Iowa. Dental floss-holder.	844,181	Feb. 12	2609	559	126	2477
Overbay, Anders A., Ceres, Va. Cutter-head.	866,880	Sept. 24	3262	917-18	130	1117
Overbury, Frederick C., New York, N. Y., assignor to Flintkote Manufacturing Company, Rutherford, N. J. Roofing-strip.	875,099	Dec. 31	5725	1193	131	2209
Overbury, Frederick C., New York, N. Y., assignor to Flintkote Manufacturing Company, Rutherford, N. J. Flexible roofing.	875,595	Dec. 31	6687	1398	131	2366
Overcash, Charles M., Concord, N. C. Coffee-pot.	849,564	Apr. 9	1889	385	127	2106
Overgaard, Thomas K., Örgryte, Gothenburg, Sweden. Disjointable packing-case.	847,598	Mar. 19	3764	825	127	1012
Overholt, Edward H., Streator, Ill. Saw-guide.	842,489	Jan. 29	5498	1164	126	1556
Overholt, Edward H., Galesburg, Ill. Wagon-elevator.	870,899	Nov. 12	1637	448	131	562
Overholt, Edwin E., Washington, D. C. Interlocking device for train-order signals.	868,289	Oct. 15	1674	473	130	1868
Overland, Thomas M. K., New York, N. Y. Grade-meter.	846,241	Mar. 5	1045	224	127	266
Overland, Thomas M. K., New Brighton, N. Y. Track construction for underground railways and tunnels.	859,330	July 9	1583	419	129	566
Overman, David R., St. Louis, Mo. Electromedical appliance.	857,664	June 25	4312	911	128	2887
Overman, Edwin R., et al. (See Sitton, Benjamin J., assignor.)						
Overmyer, William F., Beechwood, Miss. Gin.	851,309	Apr. 23	5218	1094	127	3027
Overmyer, William F., Beechwood, Miss. Gin.	851,310	Apr. 23	5219	1095	127	3027
Overshiner, James M., Chicago, Ill. Combined drop and jack.	863,629	Aug. 20	2415	664	129	2899
Overton, Willis E., Solomons, Md. Dock.	843,355	Feb. 5	1048	216	126	2054
Oviatt, Wesley T., Stratford, E. F. Latimer and W. Grunow, Jr., Bridgeport, Conn. Railway signaling.	860,561	July 16	3430	943	129	1198
Owatonna Manufacturing Company. (See Howe, Deeg, and La Bare, assignors.)						
Owatonna Manufacturing Company. (See La Bare, Frank, assignor.)						
Owen, Charles L., et al. (See Cochran, Charles H., assignor.) (Reissue.)						
Owen, David T., assignor to D. T. Owen Company, Cleveland, Ohio. Combined bed and couch.	854,175	May 21	3676	761	128	1007
Owen, David T., assignor to D. T. Owen Company, Cleveland, Ohio. Combined bed and couch.	855,412	May 28	6080	1271	128	1649
Owen, David T., assignor to D. T. Owen Company, Cleveland, Ohio. Combined seat and bed for railway-coaches.	868,000	Oct. 15	1244	344	130	1736
Owen, David T., assignor to D. T. Owen Company, Cleveland, Ohio. Combined bed and seat for railway-coaches.	868,001	Oct. 15	1245	344-5	130	1737
Owen, David T., assignor to D. T. Owen Company, Cleveland, Ohio. Combined berth and seat for passenger-carriages.	868,002	Oct. 15	1247	345-6	130	1737
Owen, David T., assignor to D. T. Owen Company, Cleveland, Ohio. Combined bed and couch.	871,180	Nov. 19	2144	573	131	725
Owen, David T., assignor to D. T. Owen Company, Cleveland, Ohio. Combined bed and couch.	871,181	Nov. 19	2146	573-4	131	725
Owen, Frank L., Des Moines, assignor of one-half to O. G. Waffle, Marion, Iowa. Splicing-clamp.	859,833	July 9	2327	632	129	808
Owen, James G., Portland, Oreg. Lifting-jack.	849,565	Apr. 9	1890	385-6	127	2106
Owen, Oscar L., assignor to Whitin Machine Works, Whitinsville, Mass. Horsetail for drawing-off mechanisms.	867,072	Sept. 24	3560	1008	130	1210
Owen, Peter M., Hopkinsville, Ky. Mosquito-bar support.	840,652	Jan. 8	1736	382	126	489
Owen, William B., Detroit, Mich. Advertising device.	845,704	Feb. 26	5922	1251	126	3379
Owen, William M., Bessemer, Ala. Wire-fencing-stretching device.	871,619	Nov. 19	3088	767	131	872
Owens, Charles, Chattanooga, Tenn. Soap-holder.	849,494	Apr. 9	1761	356	127	2072
Owens, David H., Los Angeles, Cal. Padlock.	845,662	Feb. 26	5847	1234	126	3359
Owens, Fletcher W., Palmetto, Fla. Knee-protector.	844,041	Feb. 12	2348	503	126	2413
Owens, Frank R., Bureau, Ill. Running-gear for vehicles.	858,348	June 25	5685	1215	128	3240
Owens, Ira L., Effingham, Kans. Washing-machine.	854,927	May 21	4457	927	128	1207
Owens, James P., Weatherford, Tex. Stamp-rack.	872,446	Dec. 3	263	54	131	1210
Owens, John, Maraisburg, Transvaal. Safety-brake mechanism for mine cages and skips.	870,989	Nov. 12	1795	489	131	611
Owens, John J., Randolph, Wis. Whiffletree attachment.	854,306	May 21	3922	809	128	1075
Owens, John M. and M. H., Oolitic, Ind. Scabbling-machine.	846,342	Mar. 5	1237	272-3	127	312
Owens, Mack H. (See Owens, John M. and M. H.)						
Owens, Mack H., Stiner, Tenn. Envelop.	860,410	July 16	3219	880	129	1128
Owens, Michael J., assignor to Toledo Glass Company, Toledo, Ohio. Glass-tank.	840,245	Jan. 1	919	201	126	249
Owens, Michael J., assignor to Toledo Glass Company, Toledo, Ohio. Fire-glazing machine.	854,836	May 28	4960	1031-2	128	1365
Owens, William E., and J. E. Wright, Omaha, Nebr. Truss for reinforcing concrete construction.	852,898	May 7	1082	223	128	277
Owens, William L., Salt, La. Sway-bar fastener.	851,102	Apr. 23	4778	1004	127	2916
Owings, George R., assignor of five-eighths to L. H. Wentz, C. J. Bosau, and J. S. Gillespie, Pittsburg, Pa. Car-fender.	871,521	Nov. 19	2906	726-7	131	840
Owings, James P., Webster, Kans. Tedder attachment for mowing-machines.	865,607	Sept. 10	1339	379	130	438
Oxford, Charles E. (See Malaby and Oxford.)						
Oxley, Herbert D. (See Ruse and Oxley.)						
Oyer, Oren B., assignor of one-half to W. A. Hall, Chillicothe, Ohio. Hose-supporter.	872,677	Dec. 3	757	158	131	1287
Ozias, Orange O., and J. Hopkinson, assignors to Computing Scale Company, Dayton, Ohio. Computing-scale.	867,671	Oct. 8	675	190-1	130	1538
Ozias, Orange O., assignor to Computing Scale Company, Dayton, Ohio. Computing-scale.	870,582	Nov. 12	1110	303-4	131	392
Ozman, Roscoe C., Beatrice, Nebr. Combined envelop and letter-sheet.	866,384	Sept. 17	2527	704	130	852
Ozonized Oxygen Company. (See Leetham, Sidney, assignor.)						
P. Belersdorf & Co. (See Weber, Alfred H. W., assignor.)						
P. & F. Corbin. (See Henry, William K., assignor.)						
P. & F. Corbin et al. (See Mullikin, Levin H., assignor.)						
P. & F. Corbin. (See Pickop, George B., assignor.)						
P. & F. Corbin. (See Trask, William S., assignor.)						
P. J. Cummings Company. (See Crosby, Alfred D., assignor.)						
P. P. Mast and Company. (See Brown, Arthur F., assignor.)						
P. P. Mast and Company. (See Dodson, Harry E., assignor.)						
P. R. Manufacturing Company. (See Eden, Harold W., assignor.)						
P. R. Warren Company. (See Warren, Peter R., assignor.)						
Paar, Henry, Canton, Ohio. Soft-tread horseshoe.	840,706	Jan. 8	1848	406	126	518
Paar, Henry, Canton, Ohio. Machine for inserting and withdrawing tire-wires.	840,799	Jan. 8	2024	447	126	559
Paarnt, Jules R., Neuilly-sur-Seine, France. Change-speed and reversing gear.	857,102	June 18	3243	682	128	2587
Paasche, Jens A., Chicago, Ill. Air-brush.	852,899	May 7	1084	223	128	278
Paasche, Jens A., Chicago, Ill. Hair-drying implement.	871,182	Nov. 19	2150	574	131	726
Pabst, Friedrich G., Hamburg, Germany. Tree for boots and shoes.	874,619	Dec. 24	4741	996	131	2027
Pabst, William F., and W. West, assignors to B. F. Seymour, Jr., Denver, Colo. Self-locking safety-cock.	857,194	June 18	3424	721	128	2633

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Pace, Orlando, trustee. (See Di Tullio, Tommaso, assignor.)						
Pacific Coast Biscuit Company. (See Potbury, Alfred H., assignor.)						
Pacific Electric Heating Company. (See Richardson, Earl H., assignor.)						
Pacific Steel & Wire Co. (See Langer, Gotthold L., assignor.)						
Pacific Wireless Telegraph Company. (See Yarnell, Harold A., assignor.)						
Packard, Edwin D. (See Stump, Reidenbaugh, and Packard.)						
Packard, Edwin D., assignor to Marion Incline Filter and Heater Company, Marion, Ohio. Water-purifying apparatus.	851,957	Apr. 30	6545	1363-4	127	3392
Packard Electric Company. (See Wolcott, Newton A., assignor.)						
Packard, Fred C., Salem, Mass. Leather-working machine.	867,527	Oct. 1	453	129-30	130	1455
Packard, John C., Brookline, assignor to L. E. Knott Apparatus Company, Boston, Mass. Apparatus for determining the law of falling bodies.	874,110	Dec. 17	3720	783	131	1826
Packard, John E., Chicago, Ill., assignor to Multi-Vending Company, Pierre, S. D. Coin-controlled mechanism.	861,762	July 30	5341	1473-4	129	1874
Packard, John E., assignor, by mesne assignments, to National Penny Sales Company, Chicago, Ill. Coin-controlled mechanism.	862,751	Aug. 6	1079	290	129	2413
Packard Motor Car Company. (See Huff, Russell, assignor.)						
Packard Motor Car Company. (See Schmidt, Charles, assignor.)						
Packard Motor Car Company. (See Waldon, Sidney D., assignor.)						
Packard, Robert L., Washington, D. C. Extracting metals from sulfid ores.	840,511	Jan. 8	1467	324	126	421
Packer, Harry E., Chicago, Ill., and J. N. Stacy, Portland, Ore. Combined cigar-cutter and match-safe.	859,009	July 2	1089	287-8	129	371
Packer, James W., Glens Falls, assignor to Sandy Hill Iron and Brass Works, Sandy Hill, N. Y. Journal-bearing.	855,903	June 4	902	187	128	1922
Packham, Frank R., assignor to American Seeding Machine Company, Springfield, Ohio. Seed-distributor.	857,195	June 18	3425	721-2	128	2634
Packham, Frank R., and G. P. Oates, assignors to American Seeding Machine Company, Springfield, Ohio. Distributing device for grain-drills.	841,887	Jan. 22	4222	909-10	126	1196
Packham, Frank R., and G. P. Oates, assignors to American Seeding Machine Company, Springfield, Ohio. Grain-drill tube.	841,888	Jan. 22	4224	910	126	1197
Packwood, Fleming B., Lincoln, Nebr. Circuit-breaker for gas-engines.	857,196	June 18	3429	723	128	2634
Paddack, Lewis E., Duluth, Minn. Drafting instrument.	860,562	July 16	3436	943-4	129	1200
Paddock, Gustavus A., Beaver Dam, Wis. Clothes-wringer.	863,748	Aug. 20	2575	712	129	2950
Paddock, Nicholas H., Port Chester, N. Y. Combination-lock.	859,614	July 9	2002	540	129	702
Padernacht, William, assignor of one-half to S. Jaretski, New York, N. Y. Skirt or attachment therefor.	853,993	May 21	3306	680	128	917
Padgett, Benjamin F., Laurel, Miss. Wagon running-gear.	846,939	Mar. 12	2459	539-40	127	654
Padgett, James M., Topeka, Kans. Vehicle wheel rim.	864,911	Sept. 3	235	64	130	73
Padley, Harry, Elyria, Ohio. Jointed trolley-pole.	864,912	Sept. 3	236	64	130	74
Padmore, Arthur M., Chicago, Ill. Davenport.	868,472	Oct. 15	1973	550	130	1956
Paff, George A., Sharon, Pa., assignor to American Steel & Wire Company, Worcester, Mass. Wire-drawing apparatus.	840,707	Jan. 8	1849	407	126	518
Page, Albert A., East Haven, assignor to Sargent & Company, New Haven, Conn. Knob attachment.	840,653	Jan. 8	1738	383	126	489
Page, Albert A., East Haven, and J. H. Shaw, assignors to Sargent & Company, New Haven, Conn. Door plate and handle.	872,579	Dec. 3	561	117	131	1253
Page, Albert S., El Paso, Tex. Dump-car-operating mechanism.	871,885	Nov. 26	3644	888-9	131	988
Page, Arthur A., Brooklyn, N. Y. Window-curtain-suspending device.	865,520	Sept. 10	1191	339	130	392
Page, Arthur A., Brooklyn, N. Y. Window-curtain-suspending device. (Reissue).	12,731	Dec. 3	1458	303	131	1394
Page, Charles G., Oak Park, assignor to F. C. Austin, Chicago, Ill. Excavating-machine.	849,082	Apr. 2	934	191-2	127	1826
Page, Charles G., Oak Park, assignor to F. C. Austin, Chicago, Ill. Excavating-machine.	849,337	Apr. 2	1434	290-2	127	1953
Page, Edward H. L., et al. (See White, Edwin F., assignor.)						
Page, Emma, Whittier, Cal. Hemmer.	843,841	Feb. 12	1978	424	126	2323
Page, Frank C. B., New York, N. Y., assignor to E. W. Bliss Company. Double-action press.	848,844	Apr. 2	495	96	127	1713
Page, Frank C. B., New York, assignor to E. W. Bliss Company, Brooklyn, N. Y. Punching-machine and feeding mechanism therefor.	869,326	Oct. 29	3334	915-17	130	2434
Page, George S., assignor to Crucible Steel Company of America, Pittsburg, Pa. Treating pig-iron.	867,593	Oct. 8	570		130	1507
Page, Herbert J. (See Maxwell and Page.)						
Page, Herbert J., assignor of two-thirds to E. S. Randall and T. P. Howard, Montreal, Quebec, Canada. Device whereby fire-hose is coupled to hydrants.	843,963	Feb. 12	2210	473	126	2381
Page, John W. (See Baker, Andrew J., assignor.)						
Page, John W. (See Wiles, Russell, assignor.)						
Page Machine Company. (See Joy, John M., assignor.)						
Page, Norman S., New York, N. Y. Party-line telephone system.	873,588	Dec. 10	2623	552	131	1622
Page, Richard D., Howard City, Mich. Automatic crossing-gate.	855,660	June 4	411	86	128	1799
Page, Samuel D. (See Shupe and Page.)						
Pagel, William F., Minneapolis, Minn. Gasolene-indicator.	849,807	Apr. 9	2327	477	127	2216
Pagendarm, John F., assignor of one-half to W. H. Binns, San Francisco, Cal. Transmitting motion.	860,619	July 16	3548	974	129	1236
Pagniez, Auguste, Caudry, France. Apparatus for treating liquids with gases.	841,268	Jan. 15	2971	646	126	843
Pahlitzsch, Bruno, Berlin, Germany, assignor to United States Envelope Company. Forming well and plunger for envelop-machines.	843,623	Feb. 12	1584	335	126	2223
Pahlitzsch, Bruno, Berlin, Germany, assignor to United States Envelope Company. Delivery mechanism for envelop-machines.	863,749	Aug. 20	2577	712	129	2951
Pahlitzsch, Bruno, Berlin, Germany, assignor to United States Envelope Company. Gumming mechanism for envelop-machines.	863,750	Aug. 20	2578	713	129	2952
Paige, Arthur J., Terre Haute, Ind. Engine.	848,845	Apr. 2	497	97	127	1714
Paige, David O., Detroit, Mich., assignor to Pfaudler Company, Rochester, N. Y. Crane.	854,837	May 28	4961	1032-3	128	1366
Paige, David O., Detroit, Mich., assignor to Pfaudler Company, Rochester, N. Y. Hoist for handling tank-sections.	859,513	July 9	1839	496	129	649
Paige, David O., Detroit, Mich., assignor to Pfaudler Company, Rochester, N. Y. Plant for beveling the edges of sheet-metal plates.	861,672	July 30	5202	1430	129	1834
Paige, Francis A., Central Falls, R. I. Twisting-frame.	846,605	Mar. 12	1813	399	127	491
Paige, James H., Manchester, N. H. Combined name-plate and register for doors.	854,598	May 21	4458	927	128	1208
Paige, James W., Chicago, Ill., assignor, by mesne assignments, to Garland-Vila Manufacturing Company, Muskegon, Mich. Feeding mechanism for corn-husking machines.	846,423	Mar. 5	1420	315	127	358
Paige, James W., Chicago, Ill., assignor, by mesne assignments, to Garland-Vila Manufacturing Company, Muskegon, Mich. Corn-husking machine.	851,771	Apr. 30	6136	1283	127	3286
Paige, Joseph B., East Rutherford, N. J., assignor to Fairbanks Co. Scale-lever.	858,014	June 25	5054	1069	128	3074
Paige, William R. (See Strong and Paige.)						
Pain, Robert W., New York, N. Y., assignor to Aeolian Company. Folding pedal.	869,980	Nov. 5	151	41	131	50
Pain, Robert W., New York, N. Y., assignor to Aeolian Company. Actuating mechanism for pneumatically-operated musical instruments.	872,678	Dec. 3	758	158	131	1287

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Paine, George H. (See Loshbough, Walter A., assignor.)						
Paine, George S., Winslow, Me. Basket-holder.	875,452	Dec. 31	6412	1338	131	2321
Paine, John S., Brockton, and E. E. Winkley, assignors of one-third to B. Phillips, Lynn, Mass. Machine for lacing the uppers of shoes.	855,969	June 4	1017	211-12	128	1951
Paine, Tracy L., Milwaukee, Wis. Anticreeping attachment for rails.	843,232	Feb. 5	812	167	126	2000
Painter, Carl T., assignor to Patten Manufacturing Company, Chattanooga, Tenn. Clutch mechanism.	870,381	Nov. 5	822	218	131	270
Painter, Carl T., assignor to Patten Manufacturing Company, Chattanooga, Tenn. Hoisting apparatus.	870,458	Nov. 5	930	253-4	131	303
Painter, George B. (See Riddell and Painter.)						
Painter, Gwynne E., Baltimore, Md. Thermal cut-out for electric circuits.	846,691	Mar. 12	1961	431	127	529
Painter, Simon K., Liberty, W. Va. Tub-rack.	873,261	Dec. 10	1970	412	131	1511
Painter, William A., assignor of one-half to P. H. Bergin, Allegheny, Pa. Buffing or polishing wheel.	872,966	Dec. 3	1355	286	131	1380
Pairpoint Corporation. (See Steffin, Albert, assignor.)						
Paisley, Leroy, Waverly, Ohio. Alarm mechanism.	869,728	Oct. 29	3982	1100	130	2637
Paiste, Henry T., Philadelphia, Pa. Multiple-circuit panel.	842,110	Jan. 22	4634	994-5	126	1294
Pakin Company. (See Paul, Andrew G., assignor.)						
Palatine Engineering Company. (See Thomson, Blakiston, Hope, and Richards, assignors.)						
Pallenberg, Franz, Dortmund, Germany. Fuel-feeding device for furnaces.	865,723	Sept. 10	1504	425	130	489
Palm, Emil, assignor of one-half to O. E. Strahn, Kiron, Iowa. Elbow-chart.	870,520	Nov. 5	1017	277	131	328
Palm, Erik, Eldred, Minn. Manure-spreader.	855,126	May 28	5572	1158	128	1519
Palm, Henry S., Reading, Pa. Dumping-wagon.	859,971	July 16	2543	691	129	905
Palm, John V. O., Milwaukee, Wis. Suction-pump for cleaning systems.	871,952	Nov. 26	3783	919	131	1010
Palm, Victor H., Butler, Pa. Oil-well device.	875,372	Dec. 31	6260	1306	131	2295
Palma Manufacturing Co. (See Sander, Charles, assignor.)						
Palmenberg, Emil T. (See Palmenberg, William F. and E. T.)						
Palmenberg, Emil T., New York, N. Y. Device for fastening heads to busts.	858,099	June 25	5233	1109	128	3121
Palmenberg, William F. and E. T., New York, N. Y. Garment-form.	874,232	Dec. 17	3967	837	131	1868
Palmer, Alfred T. (See Holscher, Adolph G., assignor.)						
Palmer, Alphonso T., Clyde, Ill. Rail-joint.	871,140	Nov. 19	2065	558	131	712
Palmer, Anson N., and W. W. Kimball, assignors to Syracuse Time Recorder Company, Syracuse, N. Y. Time-recorder.	843,170	Feb. 5	672	141-2	126	1964
Palmer, Arthur R., San Diego, Cal., W. C. Palmer and H. A. Stanford, Chicago, Ill. Automatic photographic-printing device.	865,797	Sept. 10	1613	457-8	130	524
Palmer, Cassius C., New York, N. Y. Rotary compressor.	845,114	Feb. 26	4772	1011	126	3094
Palmer, Charles, Harvard, Ill. Post-maul.	846,503	Mar. 12	1589	352	127	434
Palmer, Charles M., Chicago, Ill. Roller-skate.	873,889	Dec. 17	3231	689	131	1755
Palmer, Charles O., Cleveland, Ohio. Reel for mine-locomotives.	843,694	Feb. 12	1705	363	126	2255
Palmer, Chester R., et al. (See Palmer, Edward E., assignor.)						
Palmer, Clinton S. (See Jett and Palmer.)						
Palmer, Dennis W., Hermon, Me. Fastener.	871,620	Nov. 19	3089	767	131	872
Palmer, Earl M., Plymouth, Ohio. Clothes-rack.	840,512	Jan. 8	1469	324	126	421
Palmer, Edward E., assignor of one-half to C. R. Palmer and H. G. Payrow, Lynn, Mass. Coat-hanger.	853,895	May 14	3102	635	128	825
Palmer, Edward H., Detroit, Mich. Combining and mixing tube.	872,580	Dec. 3	562	117	131	1253
Palmer, Edward T., assignor of one-half to L. I. Matthews, Philadelphia, Pa. Talking-machine.	851,311	Apr. 23	5221	1095	127	3027
Palmer, Elmer F., Miamisburg, Ohio. Tobacco-clipper.	858,531	July 2	285	71	129	101
Palmer, Frank H., New York, N. Y. Closure.	856,903	June 11	2847	594	128	2447
Palmer, Fred D., et al. (See Macgregor, John T., assignor.)						
Palmer, Frederick C., Springfield, Mass. Bolt-anchor.	841,338	Jan. 15	3118	674	126	882
Palmer, George W., Gardena, Cal. Curtain-rod support.	871,435	Nov. 19	2723	688	131	812
Palmer, George W., and F. E. Pierce, Lancaster, Mass. Water-lifting apparatus.	860,688	July 23	3656	1001-2	129	1306
Palmer, Harry A., Akron, Ohio. Pneumatic tire.	870,248	Nov. 5	589	158	131	192
Palmer, Harry A., assignor to Foster, Merriam and Company, Meriden, Conn. Standard-fastener.	868,473	Oct. 15	1975	550	130	1957
Palmer, Harry B., assignor to G. E. Sly, New York, N. Y. Recording apparatus.	870,742	Nov. 12	1374	376-9	131	482
Palmer, Henry A. (See Doherty and Palmer.)						
Palmer, Henry R., Seattle, Wash. Door-securer.	842,691	Jan. 29	5944	1252	126	1662
Palmer, Henry S. W., London, England. Tea mixture.	874,425	Dec. 24	4359		131	1965
Palmer, Isaac E., Middletown, Conn. Wheeled vehicle.	844,615	Feb. 19	3773	795-6	126	2798
Palmer, Isaac E., Middletown, Conn. Canopy-frame.	849,808	Apr. 9	2328	477	127	2216
Palmer, Isaac E., Middletown, Conn. Thread-guide.	849,809	Apr. 9	2329	478	127	2217
Palmer, Isaac E., Middletown, Conn. Creel.	849,810	Apr. 9	2331	478	127	2217
Palmer, Isaac E., Middletown, Conn. Thread-guide.	855,803	June 4	691	141	128	1871
Palmer, Isaac E., Middletown, Conn. Hull of vessels.	874,031	Dec. 17	3500	744	131	1800
Palmer, Jefferson, assignor of one-half to F. G. Bohri, Clark, S. D. Explosive-engine.	864,253	Aug. 27	3346	927-8	129	3217
Palmer, John E., Wayne, Me. Fender.	853,728	May 14	2756	567	128	742
Palmer, John J., Madison, Fla. Turpentine-cup and attachment.	864,385	Aug. 27	3542	984	129	3277
Palmer, John S., Chicago, Ill. Carrier for pneumatic-despatch-tube apparatus.	842,419	Jan. 29	5338	1131	126	1513
Palmer, John V., Pittsburg, Pa. Scaffold.	842,331	Jan. 29	5133	1091	126	1455
Palmer, Lafayette, and A. L. Taylor, Harrisburg, Pa. Hose-clamp.	851,996	Apr. 30	6622	1378	127	3413
Palmer, Lamar W., Beverly, N. J. Cigar-wrapper cutter.	864,105	Aug. 20	3111	860	129	3116
Palmer, Melvin W., Catskill, N. Y. Liquid-freezer.	841,043	Jan. 8	2512	548-9	126	683
Palmer, Ole E., Osgood, N. D. Claw-hammer.	856,097	June 4	1231	259	128	2004
Palmer-Price Company. (See Fess, Charles J., assignor.)						
Palmer, Truman G., Chicago, Ill. Box.	850,095	Apr. 9	2838	594	127	2342
Palmer, Truman G., Chicago, Ill. Heater.	855,904	June 4	903	187	128	1922
Palmer, Scott A. and W. H., San Diego, Cal. Automatic flush-tank.	847,361	Mar. 19	3288	722	127	886
Palmer, Warren D., Brooklyn, N. Y. Printer's border.	843,766	Feb. 12	1838	391	126	2289
Palmer, Will C. (See Palmer and Stanford.)						
Palmer, William H. (See Palmer, Scott A. and W. H.)						
Palmer, Winfield S., Glenburn, Pa. Repair-clip for pipes, shafts, &c.	865,056	Sept. 3	469	129	130	142
Palmgren, Carl A., and A. H. Young, Chicago, Ill. Time-controlled circuit-closing device.	870,900	Nov. 12	1639	448-9	131	563
Palmiter, Milton J., South Bend, Ind. Block-molding machine.	874,533	Dec. 24	4585	962	131	1999
Palows, Joseph L., Berlin, Germany. Device for purifying air containing dust.	840,654	Jan. 8	1739	383	126	489
Palovics, John, et al. (See Kerekes, Daniel, assignor.)						
Pamp, Danne, Philadelphia, Pa. Safety attachment for elevators.	860,319	July 16	3075	841	129	1081
Pancoast, Albert, New Kensington, assignor to Union Spring and Manufacturing Company, Pittsburg, Pa. Dustproof axle-box lid.	860,563	July 16	3439	944	129	1201
Pancoast, George E., Brooklyn, N. Y., assignor to American Lithographic Company. Printing-press.	867,295	Oct. 1	100	31	130	1344
Panek, Casimir, McKeesport, Pa. Envelop.	846,504	Mar. 12	1589	352	127	434
Panelli Silvester Worcester, Mass. Motor-bicycle.	863,630	Aug. 20	2418	665	129	2900

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Panels Limited. (See Dawe, James H., assignor.)						
Pangburn, N. G. (See Bearse, Aaron, assignor.)						
Pank, Karl, Königs Wusterhausen, Germany. Apparatus for automatically lighting gas-lamps.	871,141	Nov. 19	2067	558	131	712
Panoulas, Panayiotis, New York, N. Y. Dipping-frame for coating candies.	855,804	June 4	693	142	128	1871
Pape, Hermann G., New York, N. Y. Automatic circuit-closer.	864,858	Sept. 3	151	42-3	130	47
Pape, William A. C., Los Angeles, Cal. Rotary engine.	845,973	Mar. 5	509	105	127	131
Papenfoth, Paul, assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Door check and closer.	850,394	Apr. 16	3416	716	127	2535
Papillon, Alfred, Mermenton, La. Pump.	869,387	Oct. 29	3420	941	130	2462
Papineau, Ovide, <i>et al.</i> (See Aubé and Tremblay, assignors.)						
Papot, James A., Los Angeles, Cal. Transmitting mechanism.	854,176	May 21	3678	761	128	1008
Pappa, John, Atlanta, Ga. Broom-shield.	858,282	July 2	814	211	129	282
Pappenhagen, Charles L., Meadville, Pa., assignor, by mesne assignments, to Keystone View Company. Stereoscope.	849,747	Apr. 9	2204	454	127	2183
Papst, Rudolph. (See White, Amos L., assignor.)						
Paquette, Herman A., assignor, by mesne assignments, to P. S. Angle, Washington, D. C. Wrench.	873,262	Dec. 10	1971	413	131	1511
Paquette, Joseph A., Hull, Quebec, Canada. Contractible shaft.	872,538	Dec. 3	478	100	131	1241
Parant, Léon, assignor to Société Anonyme des Tabacs Désintoxiques, Geneva, Switzerland. Removing nicotin from tobacco.	862,583	Aug. 6	815		129	2336
Parcaut, Edward F., Sutherland, Iowa. Supporting structure for building culverts and the like.	854,524	May 21	4317	894	128	1173
Parce, Joseph Y., Denver, Colo. Motor attachment for sewing-machines.	862,652	Aug. 6	920	247	129	2369
Parcelle, Albert L., Boston, Mass. Telephone relay or repeater.	843,296	Feb. 5	947	191	126	2031
Pardee, Rollin D., Garrettsville, assignor to McCaskey Register Company, Alliance, Ohio. Credit-accounting appliance.	846,136	Mar. 5	861	180	127	219
Pardee, Rollin D., Garrettsville, assignor to McCaskey Register Company, Alliance, Ohio. Credit-accounting appliance.	868,118	Oct. 15	1420	399	130	1790
Pare, Frederick W., Nottingham, and J. C. Richmond, Chilwell, England. Machine for threading and unthreading lace-machine carriages.	843,487	Feb. 5	1289	270-1	126	2115
Parenti, Louis, Isleton, Cal. Cultivator.	847,258	Mar. 12	3064	676	127	804
Parge, George, Allegheny, Pa. Hot-water regulator.	847,104	Mar. 12	2770	613	127	730
Paris, George, Harrisburg, Pa. Music-leaf turner.	849,424	Apr. 9	1601	324	127	2033
Paris, James T., Chicago, Ill. Apparatus for manufacture of gas.	847,362	Mar. 19	3290	722-3	127	886
Paris, William A., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Controlling means for electric motors.	862,192	Aug. 6	132	37	129	2125
Paris, William A., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric-circuit controller.	873,263	Dec. 10	1973	413	131	1511
Paris, William A., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Controller for electric motors.	873,264	Dec. 10	1975	413-14	131	1512
Paris, William C., Dyersburg, Tenn. Adding-machine.	866,298	Sept. 17	2395	667-9	130	812
Parish & Bingham Company. (See Foster, James H., assignor.)						
Parish, Le Grand. (See Fildes, Rollin D., assignor.)						
Parish Manufacturing Company. (See Gartshore, Matthew W., assignor.)						
Parish, Neff E., Cleveland, Ohio. Carline.	862,102	July 30	5870	1626	129	2039
Parisian Novelty Company. (See Komorous, Joseph, Jr., assignor.)						
Park, Arthur W., Viola, Ill. Hog-catcher.	867,296	Oct. 1	102	31	130	1345
Park, Edwin H., Millbury, Mass., assignor to Standard Harrow Company, Utica, N. Y. Manure-spreader.	842,238	Jan. 29	4936	1053	126	1404
Park, Frank C., <i>et al.</i> (See Arbogast, John I., assignor.)						
Park, Frank L. (See Smith, William R., assignor.)						
Park, George W., Denver, Colo. Eraser.	845,889	Mar. 5	334	69	127	86
Park, James, Jr. (See Dilks and Park.)						
Park, James G., Alligator, Miss. Cotton cleaner and separator.	854,905	May 28	5114	1064	128	1406
Park, John, Kamloops, British Columbia, Canada. Horseshoe.	861,886	July 30	5533	1527	129	1933
Park, John W., Excelsior Springs, Mo. Windmill.	865,521	Sept. 10	1192	340	130	392
Park, Kennedy, Toledo, Ohio. Hand-hole cover.	869,327	Oct. 29	3337	917	130	2435
Park, Kennedy, assignor to Toledo Boiler Works Company, Toledo, Ohio. Water-tube boiler.	855,661	June 4	414	86	128	1800
Park, R. E., <i>et al.</i> (See Brodton, Edward R., assignor.)						
Park, Richard P., South Melbourne, Victoria, assignor to F. C. Bird, Lynchford, Australia. Means for delivering measured quantities of liquid.	852,343	Apr. 30	7282	1530	127	3577
Park, Samuel T., assignor to himself and J. E. Phillips, Danville, Ill. Draft or work indicating and recording mechanism for locomotives.	865,931	Sept. 10	1839	514-17	130	605
Park, William R., Taunton, Mass. Carbureter.	865,522	Sept. 10	1195	340-1	130	393
Park, William R., Taunton, Mass., assignor to United Injector Company, New York, N. Y. Valve.	851,830	Apr. 30	6279	1309	127	3326
Parke, Davis & Company. (See Eden, Harold W., assignor.)						
Parke, Robert A., New York, N. Y., assignor to Westinghouse Air Brake Company, Pittsburgh, Pa. Fluid-pressure brake.	869,592	Oct. 29	3764	1030-1	130	2567
Parker, Albert H., New York, N. Y. Trimmer for sewing-machines.	848,490	Mar. 26	5550	1211	127	1486
Parker, Allen R., Akron, Ohio. Concrete-mixer.	866,056	Sept. 17	2044	570	130	698
Parker, Alonzo L., St. Joseph, Mo. Feed mechanism for gas-producers.	850,395	Apr. 16	3420	716-17	127	2536
Parker, Arthur M., Los Angeles, Cal. Sewing-awl.	846,242	Mar. 5	1047	225	127	266
Parker, Arthur M., Los Angeles, Cal. Sharpener-tool.	858,532	July 2	286	71	129	101
Parker Brothers. (See Parker, George S., assignor.)						
Parker Brothers. (See Phillips, Henry J., assignor.)						
Parker, Charles A. (See Parker, John C. and C. A.)						
Parker, Charles C., Baltimore, Md. Metal sealing cap.	855,198	May 28	5707	1188	128	1554
Parker, Charles D., Worcester, Mass. Bearing-box.	863,087	Aug. 13	1592	429	129	2610
Parker, Charles I., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Partition-support.	866,881	Sept. 24	3263	918	130	1117
Parker, Charles T. (See Beck, William M., assignor.)						
Parker, Clarence A., Craigsville, N. Y. Non-refillable bottle.	870,312	Nov. 5	689	186	131	225
Parker-Clark Electric Company. (See Clark, Walter G., assignor.)						
Parker-Clark Electric Company. (See Parker and Clark, assignors.)						
Parker, Columbus C. (See Glazier and Parker.)						
Parker Composite Condiment Holder Co. (See Parker, Lyman B., assignor.)						
Parker, Edwin W., Rochester, N. Y. Photographic shutter.	856,600	June 11	2287	471	128	2307
Parker, Emery H., Chicago, Ill. Truss.	862,193	Aug. 6	135	38	129	2126
Parker, Floyd B., and W. D. Jones, Clarksburg, Ohio. Lamp-plug.	868,523	Oct. 15	2054	577	130	1980
Parker, Franklen P., Chicago, Ill. Music-leaf turner.	856,420	June 11	1958	402	128	2224
Parker, Frederick R., assignor to F. B. Cook, Chicago, Ill. Fuse-clip.	849,159	Apr. 2	1110	223	127	1873
Parker, Frederick R., assignor to F. B. Cook, Chicago, Ill. Land-anchor.	857,751	June 25	4495	948-9	128	2934
Parker, George D., Riverside, Cal. Nail-feeding apparatus.	844,463	Feb. 19	3213	693	126	2668

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Parker, George D., Riverside, Cal. Hand-truck	862,194	Aug. 6	136	38	129	2126
Parker, George E., and W. W. Dickson, Amsterdam, N. Y. Mattress and bedclothes holder	873,777	Dec. 17	3002	637	131	1718
Parker, George H., Arlington, N. J., assignor to J. W. Baker, Stamford, Conn. Window-swinging device	857,103	June 18	3245	682	128	2588
Parker, George S., assignor to Parker Brothers, Salem, Mass. Game apparatus	867,935	Oct. 8	1094	308	130	1667
Parker, Harry S., Trenton, N. J. Refrigerating attachment for milk-cans	841,567	Jan. 15	3542	766	126	992
Parker, Harry S., Trenton, N. J. Vehicle-brake	849,918	Apr. 9	2538	524	127	2270
Parker, Henry R., Ashland, Pa. Collar-support for soft shirts	866,509	Sept. 17	2686	751	130	903
Parker, Herschel C., New York, N. Y., and W. G. Clark, Seattle, Wash., assignors to Parker-Clark Electric Company, Jersey City, N. J. Making refractory metallic wires or filaments	840,246	Jan. 1	921	202	126	250
Parker, J. Howard, <i>et al.</i> (See Struthers, Joshua A., assignor.)						
Parker, James T., Hattiesburg, Miss. Auger-bit	850,177	Apr. 16	3009	630	127	2426
Parker, Jeremiah C., Red Bank, N. J. Horizontal boiler	842,006	Jan. 22	4445	956	126	1250
Parker, John. (See Billings, Edward E., assignor.)						
Parker, John, Honor Oak Park, London, England. Railway signaling apparatus for use in foggy or other weather	845,115	Feb. 26	4773	1012	126	3094
Parker, John, Honor Oak Park, London, England. Detonator for railway signaling purposes	845,116	Feb. 26	4775	1012	126	3094
Parker, John, assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. Gear-cutting machine	846,505	Mar. 12	1590	352-4	127	434
Parker, John, assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. Index-head	851,831	Apr. 30	6280	1309	127	3326
Parker, John, assignor to Brown and Sharpe Manufacturing Company, Providence, R. I. Gearing	855,068	May 28	5440	1128-9	128	1489
Parker, John, assignor of one-eighth to E. E. Billings, Bay City, Mich. Rail-chair	852,449	May 7	80	17	128	24
Parker, John C., Brockport, and C. A. Parker, Poughkeepsie, N. Y. Hoopless barrel	871,817	Nov. 26	3484	854	131	964
Parker, John F., Portland, Me. Moldboard	850,962	Apr. 23	4520	946	127	2852
Parker, John H. (See Torsch and Parker.)						
Parker, John M. (See Needham, Leslie H., assignor.)						
Parker, Joseph C. (See Reed, Adam, assignor)						
Parker, Lyman B., Sulphur, assignor to Parker Composite Condiment Holder Co., Chickasha, Ind. Ter. Compound condiment-holder	843,356	Feb. 5	1049	217	126	2054
Parker Machine Company. (See Kidder, Wellington F., assignor.)						
Parker Machine Company. (See Kidder and Sponsel, assignors.)						
Parker Machine Company. (See Lorenz, William A., assignor.)						
Parker Machine Company. (See Sponsel, Charles W., assignor.)						
Parker, Mollie E., Lake Charles, La. Wax-holder	868,474	Oct. 15	1976	551	130	1957
Parker, Ralph, Lakewood, N. J. Pipe-clamp	842,007	Jan. 22	4447	957	126	1250
Parker, Robert W., Los Angeles, Cal. Vise	860,106	July 16	2759	753	129	976
Parker, Roy D., Goshen, N. Y. Type-writing machine	860,321	July 16	3078	842-3	129	1082
Parker, Russell, New York, N. Y. Tire-protector	870,796	Nov. 12	1472	397	131	511
Parker-Smith, Augustus, New York, N. Y., assignor, by mesne assignments, to Sauvage Safety Brake Company. Automatic air-brake	839,881	Jan. 1	158	36	126	45
Parker-Smith, Augustus, New York, N. Y., assignor, by mesne assignments, to Sauvage Safety Brake Company. Fluid-pressure brake	839,882	Jan. 1	161	37	126	45
Parker-Smith, Augustus, New York, N. Y., assignor, by mesne assignments, to Sauvage Safety Brake Company. Fluid-pressure brake	839,883	Jan. 1	164	37	126	46
Parker-Smith, Augustus, New York, N. Y., assignor, by mesne assignments, to Sauvage Safety Brake Company. Fluid-pressure brake	839,884	Jan. 1	165	37	126	47
Parker-Smith, Augustus, New York, N. Y., assignor to Atlas Slack Adjuster Company. Slack-adjuster	860,236	July 16	2955	807-8	129	1040
Parker-Smith, Augustus, New York, N. Y., assignor to Atlas Slack Adjuster Company. Slack-adjuster	860,237	July 16	2957	808	129	1041
Parker-Smith, Augustus, New York, N. Y., assignor to Atlas Slack Adjuster Company. Slack-adjuster	860,238	July 16	2958	808	129	1041
Parker-Smith, Augustus, New York, N. Y., assignor to Atlas Slack Adjuster Company. Slack-adjuster	860,239	July 16	2959	809	129	1042
Parker-Smith, Augustus, New York, N. Y., assignor to Atlas Slack Adjuster Company. Slack-adjuster	860,240	July 16	2960	809	129	1042
Parker-Smith, Augustus, New York, N. Y., assignor to Atlas Slack Adjuster Company. Slack-adjuster	860,241	July 16	2961	809	129	1043
Parker-Smith, Augustus, New York, N. Y., assignor to Atlas Slack Adjuster Company. Slack-adjuster	860,242	July 16	2962	809	129	1044
Parker-Smith, Augustus, New York, N. Y., assignor to Atlas Slack Adjuster Company. Slack-adjuster	860,243	July 16	2964	810	129	1044
Parker-Smith, Augustus, New York, N. Y., assignor to Atlas Slack Adjuster Company. Brake-rigging	860,320	July 16	3076	842	129	1082
Parker, Thomas, London, England. Fuel	867,672	Oct. 8	676	191	130	1539
Parker, Thomas, assignor to J. N. Rickles, Altoona, Ala. Wheel-locking attachment for tram-cars	865,124	Sept. 10	1505		130	489
Parker, Thomas A., High Point, N. C. Gun-barrel	869,257	Oct. 29	3212	884-5	130	2397
Parker-Washington Co. (See Ballintine, Frank J., assignor.)	863,431	Aug. 13	2106	567	129	2773
Parker, William H., Jr., Elgin, Nebr. Hammer	857,104	June 18	3248	683	128	2589
Parker, William H., Passaic, N. J., assignor to Vending Machine Company. Vending-machine	860,689	July 23	3657	1002	129	1306
Parker, William H., Passaic, N. J., assignor to Dixie Match Company, Memphis, Tenn. Match-dipping apparatus	871,818	Nov. 26	3485	854	131	964
Parker, William M. (See Harris and Parker.)						
Parker, William M., U. S. Army. Apparatus for sighting-drills	863,574	Aug. 13	2309	632-3	129	2832
Parkerson, James G., Jr., La Fayette, La. Railway-tie	853,593	May 14	2458	512	128	664
Parke, James H., assignor to Foster, Well & Parke, Nashville, Tenn. Temporary binder	856,800	June 11	2665	549	128	2403
Parke, William N., New York, N. Y. Thread-controlling mechanism for sewing-machines	875,597	Dec. 31	6689	1398-1400	131	2367
Parke, William N., New York, N. Y. Buttonhole-sewing machine	875,598	Dec. 31	6697	1400-1	131	2367
Parke, William N., Brooklyn, N. Y. Blindstitch sewing-machine	875,599	Dec. 31	6704	1401	131	2368
Parke, William N., Brooklyn, N. Y. Hemstitch sewing-machine	875,600	Dec. 31	6710	1402	131	2368
Parke, William N., Brooklyn, N. Y. Ornamental-stitch sewing-machine	875,601	Dec. 31	6717	1403	131	2368
Parke, William N., Brooklyn, N. Y. Buttonhole-sewing machine	875,602	Dec. 31	6720	1403-5	131	2369
Parke, William N., Brooklyn, N. Y. Automatic bobbin-controller for sewing-machines	875,603	Dec. 31	6731	1405	131	2369
Parke, William N., Brooklyn, N. Y. Ornamental-stitch sewing-machine	875,604	Dec. 31	6735	1405-6	131	2369
Parke, William N., Brooklyn, N. Y. Tucking mechanism for sewing-machines	875,605	Dec. 31	6739	1406	131	2370
Parke, William N., Brooklyn, N. Y. Needle-adjusting device for sewing-machines	875,606	Dec. 31	6742	1406	131	2370

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Parkes, William N., Brooklyn, N. Y. Ornamental-stitch sewing-machine.	875,607	Dec. 31	6744	1407	131	2370
Parkes, William N., Brooklyn, N. Y. Take-up and needle-bar mechanism for sewing-machines.	875,608	Dec. 31	6748	1408	131	2371
Parkes, William N., Brooklyn, N. Y. Stop mechanism for sewing-machines.	875,609	Dec. 31	6752	1408-9	131	2371
Parkes, William N., Brooklyn, N. Y. Thread-controlling mechanism for sewing-machines.	875,610	Dec. 31	6755	1409	131	2372
Parkes, William N., Brooklyn, N. Y. Feeding mechanism for sewing-machines.	875,611	Dec. 31	6768	1409-10	131	2372
Parkes, William N., Brooklyn, N. Y. Looper mechanism for sewing-machines.	875,612	Dec. 31	6763	1410	131	2372
Parkes, William N., Brooklyn, N. Y. Bobbin-controlling mechanism for sewing-machines.	875,613	Dec. 31	6767	1410	131	2373
Parkes, William N., Brooklyn, N. Y. Eyelet or embroidery stitching machine.	875,614	Dec. 31	6772	1411	131	2373
Parkes, William N., Brooklyn, N. Y. Sewing-machine.	875,615	Dec. 31	6777	1412	131	2373
Parkes, William N., Brooklyn, N. Y. Feeding mechanism for sewing-machines.	875,616	Dec. 31	6782	1413-14	131	2374
Parkes, William N., Brooklyn, N. Y. Zigzag and ornamental stitch machine.	875,617	Dec. 31	6787	1414-15	131	2374
Parkes, William N., Brooklyn, N. Y. Lubricator for sewing-machine looper mechanisms.	875,618	Dec. 31	6795	1415	131	2375
Parkes, William N., Brooklyn, N. Y. Ornamental-stitch machine.	875,619	Dec. 31	6798	1416	131	2375
Parkes, William N., Brooklyn, N. Y. Needle-actuating mechanism for sewing-machines.	875,620	Dec. 31	6802	1416-17	131	2375
Parkes, William N., Brooklyn, N. Y. Bobbin-case-threading mechanism for sewing-machines.	875,621	Dec. 31	6806	1417-18	131	2376
Parkes, William N., Brooklyn, N. Y. Work-clamp mechanism for sewing-machines.	875,622	Dec. 31	6810	1418-19	131	2376
Parkes, William N., Brooklyn, N. Y. Looper mechanism for sewing-machines.	875,623	Dec. 31	6816	1419	131	2376
Parkes, William N., Brooklyn, N. Y. Automatic embroidery or ornamental stitch sewing-machine.	875,624	Dec. 31	6820	1419-22	131	2377
Parkes, William N., Brooklyn, N. Y. Embroidery or ornamental stitch sewing-machine.	875,625	Dec. 31	6830	1422-3	131	2377
Parkes, William N., Brooklyn, N. Y. Embroidery or ornamental stitch sewing-machine.	875,626	Dec. 31	6834	1423-7	131	2377
Parkes, William N., Brooklyn, N. Y. Looper movement for sewing-machines.	875,627	Dec. 31	6844	1428	131	2378
Parkes, William N., Brooklyn, N. Y. Scallop-embroidery machine.	875,628	Dec. 31	6847	1428-30	131	2378
Parkhurst, Edward B., Woburn, Mass. Smoke-preventer.	866,510	Sept. 17	2687	751	130	904
Parkhurst, Milton I., Fancy Prairie, Ill. Baling-press.	842,578	Jan. 29	5668	1198-9	126	1594
Parkhurst, Milton I., Fancy Prairie, Ill. Draft-compensating device.	849,265	Apr. 2	1299	263-4	127	1919
Parkhurst, Sidney W., and W. Ashling, Wandsworth, England. Apparatus for washing filtering mediums.	859,927	July 16	2545	691	129	906
Parkhurst, Winfield H., Swampscott, and A. O. Noyes, assignors of one-half to J. C. Noyes, Wakefield, and H. P. Connell, Lynn, Mass. Eyelet-stay-joining machine.	843,488	Feb. 5	1294	272	126	2116
Parkin, George H. and W. B. Batavia, N. Y. Single-trigger mechanism for firearms.	857,895	June 25	4773	1014	128	3002
Parkin, William B. (See Parkin, George H. and W. B.)						
Parkinson, Benjamin L., assignor to London Free Press Printing Company Limited, London, Ontario, Canada. Assembling-elevator for linotype-machines.	872,967	Dec. 3	1356	286-7	131	1380
Parkison, John E., assignor to Western Furnace Company, Denver, Colo. Furnace for burning soft fuels.	849,566	Apr. 9	1892	386	127	2106
Parks, Agnes E. (See Parks, Clarence W. and A. E.)						
Parks Brothers and Rogers. (See Crecelius, Emil R., assignor.)						
Parks Brothers and Rogers. (See Sylvester, Irving M., assignor.)						
Parks, Charles A., Baltimore, Md. Flushing-valve.	857,896	June 25	4778	1014	128	3003
Parks, Charles H., and R. S. Brown, assignors to New Britain Machine Company, New Britain, Conn. Means for clamping and filing saws.	847,599	Mar. 19	3765	825-6	127	1013
Parks, Clarence W. and A. E. Lowell, Mich. Compressed-air sprayer.	850,674	Apr. 16	3974	831	127	2676
Parks, Dennis. (See Mitchell and Parks.)						
Parks, Edward F., and S. W. Wardwell, Providence, R. I. Braiding-machine.	851,204	Apr. 23	4991	1048-50	127	2969
Parks, George P., assignor to Postal Auto and Engine Company, Bedford, Ind. Motor-vehicle.	870,459	Nov. 5	932	254	131	304
Parks, James R. (See Hudson, Parks, and Coursey.)						
Parks, John N., Rochester, assignor to D. L. Whittier, Elmira, N. Y. Back-pedaling coaster-brake.	871,621	Nov. 19	3090	768	131	872
Parks, Howard M., Fitchburg, Mass. Pipe-ranger.	868,604	Oct. 22	2355	652	130	2105
Parks, Samuel R., Pawtucket, R. I. Oil-can.	870,684	Nov. 12	1285	351	131	452
Parks, Samuel S. (See Parks, William R., assignor.)						
Parks, William R., assignor to S. S. Parks, Chicago, Ill. Electric smelting-furnace.	873,890	Dec. 17	3234	690	131	1756
Parks and Woolson, Machine Company. (See Sutton, Andrew H., assignor.)						
Parlin & Orendorf Company. (See Parlin, William H., assignor.)						
Parlin, William H., assignor to Parlin & Orendorf Company, Canton, Ill. Wheel-plow.	874,534	Dec. 24	4587	962	131	1999
Parmelee, Roy, assignor to Parmelee Wrench Company, Chicago, Ill. Pipe-wrench.	871,436	Nov. 19	2723	688	131	812
Parmelee Wrench Company. (See Parmelee, Roy, assignor.)						
Parmenter, George A., Cambridgeport, Mass. Street-car fender.	864,187	Aug. 27	3257	902	129	3190
Parmenter, George A., Cambridge, Mass. Car-fender.	875,373	Dec. 31	6262	1306	131	2296
Parmenter, John W., Springfield, Ohio. Buckle.	858,414	July 2	80	22	129	27
Parnall, Alfred N., Florence, Colo. Gas-engine.	861,673	July 30	5205	1430	129	1835
Paroubek, Anton J., Jersey City, N. J. Face-guard.	860,322	July 16	3083	843	129	1083
Paroutaud, Adolph, New York, N. Y. Non-refillable bottle.	853,729	May 14	2758	567	128	742
Parr, Alexander E., Hanna City, Ill. Railway-rail.	859,834	July 9	2329	632	129	808
Parr, George D. A., Leeds, England. Point-shifter for tramways and the like.	867,528	Oct. 1	454	130-1	130	1455
Parr, William E., assignor to Madison Kipp Lubricator Company, Madison, Wis. Lubricant feeding and distributing mechanism.	865,315	Sept. 3	848	244	130	258
Parrett, Dent, assignor of one-half to J. Parrett, Wenona, Ill. Compound engine.	875,453	Dec. 31	6413	1338-9	131	2321
Parrett, Earl A., North Manchester, Ind. Controlling means for harrows.	842,239	Jan. 29	4939	1026	126	1404
Parrett, James. (See Parrett, Dent, assignor.)						
Parrill, William H., Fairmount, Ind. Curtain-display rack.	866,299	Sept. 17	2399	669	130	812
Parris, John, Kensington, Victoria, Australia. Machine for winding a wire or other protector around a flexible hose-pipe.	859,010	July 2	1090	288	129	371
Parrish, Arthur L. (See Rice, Charles E., assignor.)						
Parrish, Homer A., Jackson, Mich. Furnace.	859,102	July 2	1211	326	129	409
Parrish, James S., Richmond, Va. Washing-machine.	850,539	Apr. 16	3697	773	127	2607
Parrish, John E., Johnson City, Tenn. Pencil-sharpener.	847,363	Mar. 19	3292	723	127	887
Parrish, Stephen E., Hillsdale, Mich. Winding and measuring device.	856,289	June 11	1647	341-2	128	2144
Parrish, William H., Jr. (See Reams, Joseph A., assignor.)						
Parrish, William H., Jr., Nashville, Tenn. Signal.	847,105	Mar. 12	2772	613	127	730
Parrock, Harry, Youngstown, and W. McKee, Elyria, Ohio; said Parrock assignor to said McKee. Continuous heating-furnace.	846,506	Mar. 12	1596	354	127	435
Parrott, Elijah D., Portland, Oreg. Carbureter.	840,708	Jan. 8	1851	407-8	126	518
Parrott, G. W., et al. (See Brodton, Edward R., assignor.)						
Parry, Anna C., Wyncote, Pa. Gridiron.	873,589	Dec. 10	2627	553	131	1623
Parry, David M. and T. H., assignors to Parry Manufacturing Company, Indianapolis, Ind. Reinforced corner for vehicle-bodies.	871,886	Nov. 26	3646	889	131	989
Parry Manufacturing Company. (See Parry, David M. and T. H., assignors.)						
Parry, Rees F., Dallas, Tex. Loose-leaf binder.	847,364	Mar. 19	3294	723	127	887
Parry, Thomas H. (See Parry, David M. and T. H.)						
Parseval, August von, Augsburg, assignor to Motorluftschiff-Studiengesellschaft M. B. H., Berlin, Germany. Car suspension for motor-balloons.	872,539	Dec. 3	479	100	131	1241

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Parson Manufacturing Company. (See Prentiss, George L., assignor.)						
Parson, Warren D., <i>et al.</i> (See Laidlaw, Henri D., assignor.)						
Parsons, Alzamon M., Caney, Kans. Plumb-bob support.	852,676	May 7	622	119	128	162
Parsons, Charles A., Newcastle-upon-Tyne, England. Steam-turbine.	858,205	June 25	5424	1156-7	128	3169
Parsons, Charles A., Newcastle-upon-Tyne, England. Turbine.	858,206	June 25	5426	1157	128	3169
Parsons, Charles A., Newcastle-upon-Tyne, England. Vacuum-producing apparatus.	874,986	Dec. 31	5501	1149	131	2172
Parsons, Charles A., and A. Q. Carnegie, Newcastle-upon-Tyne, England; said Carnegie assignor to said Parsons. Turbine compressor, pump, and the like.	871,292	Nov. 19	2402	621-2	131	764
Parsons, Charles A., and G. G. Stoney, Newcastle-upon-Tyne, England; said Stoney assignor to said Parsons. Parallel running of dynamo-machines.	843,489	Feb. 5	1300	272-3	126	2118
Parsons, Charles A., and J. H. Armstrong, Newcastle-upon-Tyne, England; said Armstrong assignor to said Parsons. Dynamo-electric machinery.	869,934	Nov. 5	86	25	131	29
Parsons, Charles A., Newcastle-upon-Tyne, and J. Turnbull, Wallsend, England; said Turnbull assignor to said Parsons. Controlling means for valves.	846,692	Mar. 12	1964	431	127	529
Parsons, Charles A., Newcastle-upon-Tyne, and J. Turnbull, Wallsend, England; said Turnbull assignor to said Parsons. Maneuvering and similar valves.	851,205	Apr. 23	4996	1050	127	2970
Parsons, Charles A., G. G. Stoney, and A. H. Law, Newcastle-upon-Tyne, England; said Stoney and Law assignors to said Parsons. Rotating magnet for dynamo-electric machines.	846,693	Mar. 12	1966	432	127	530
Parsons, Charles S., Beverly, N. J., assignor to F. W. Whitcher, Boston, Mass. Lasting-pincers.	868,695	Oct. 22	2356	653	130	2105
Parsons, Clarence C., Oberlin, Ohio. Milking-machine.	874,111	Dec. 17	3722	783	131	1826
Parsons, Frederick D., Hammondsville, Ohio. Nut-lock.	856,658	June 11	2409	496	128	2338
Parsons, George M., Ohio, Ill. End-gate for wagons.	863,432	Aug. 13	2106	568	129	2773
Parsons, Harold C. (See Freer, Phelps M., assignor.)						
Parsons, James A., Chicago, Ill. Shovel-tooth.	854,838	May 28	4964	1033	128	1366
Parsons, James W., Pleasant Green, Mo. Dry-goods-measuring machine.	866,957	Sept. 24	3379	956	130	1155
Parsons, Ozro G., Edina, Mo. Gate or door hook.	842,970	Feb. 5	254	56	126	1853
Parsons, Raymond S., East Hampton, N. Y. Outlet-box, electric conductor.	845,974	Mar. 5	511	105	127	132
Parsons, Reginald B., Hull, England. Automatic coupling for railway-vehicles.	856,098	June 4	1232	260	128	2004
Parsons, Richmond. (See Stanley, Frank J., assignor.)						
Parsons, Robert J. (See McLaughlin and Parsons.)						
Parsons, Wallace W., Washington, D. C. Device for locking bolts.	850,540	Apr. 16	3698	773	127	2607
Parsons, Wallace W., Washington, D. C. Retaining-key for locking split bolts.	859,103	July 2	1212	326	129	409
Parsons, Wallace W., Washington, D. C. Tool for forcing apart the ends of split or two-membered bolts.	864,486	Aug. 27	3696	1030	129	3330
Parsons, Wallace W., Mount Rainier, Md. Mechanism for locking split bolts.	874,233	Dec. 17	3968	837-8	131	1869
Partee, William A., and J. C. Wharton, Nashville, Tenn. Hull-cleaning and friction-reducing apparatus.	843,357	Feb. 5	1051	217	126	2055
Partington, Charles, assignor to Weir Frog Company, Cincinnati, Ohio. Drill.	845,372	Feb. 26	5286	1121-2	126	3222
Partington, John, Saltaire, England. Resilient wheel for vehicles.	855,199	May 28	5709	1188	128	1554
Partridge, Frank P. (See Everett, Henry F., assignor.)						
Partridge, Robert H., Broadrun, Va. Apparatus for recovering products from vegetable matter.	840,362	Jan. 1	1167	253	126	309
Partridge, William E., Birmingham, England. Antislipping device.	862,412	Aug. 6	509	136	129	2245
Paruszewski, Edward, Kottbus, Germany. Loom for weaving tufted fabrics.	843,358	Feb. 5	1053	217-18	126	2055
Parvin, William J., Brunswick, Mo. Harness.	851,312	Apr. 23	5223	1095	127	3028
Pascall, Richard H., assignor to Pickering Governor Co., Portland, Conn. Governor.	868,119	Oct. 15	1422	399-400	130	1790
Paschall, Lynne, assignor to P. J. Shouvin, Springfield, Ohio. Explosive-engine.	861,763	July 30	5348	1474-5	129	1877
Paschen, Frederick, assignor of one-half to G. Schneider, East St. Louis, Ill. Shoe-fastener.	845,432	Feb. 26	5388	1144	126	3245
Pascoe, Edward, Sioux City, Iowa. Safe-door.	853,825	May 14	2951	605	128	790
Pascoe, Richard H., and F. Bergen, Mace, Idaho. Elevator.	869,800	Oct. 29	4082	1127	130	2660
Pasko, Osmond E., Fond du Lac, Wis. Wagon-seat.	870,583	Nov. 12	1112	304	131	393
Pasley, Decatur C., Dooliver, Iowa. End-gate fastener.	851,557	Apr. 23	5697	1193	127	3143
Pasley, Gilbert K. (See Paterson and Pasley.)						
Pasqualin, Simon, New York, assignor of one-half to W. J. H. McKillop, Brooklyn, N. Y. Clothes-pin.	847,106	Mar. 12	2776	613	127	731
Pass & Seymour. (See Salisbury, Bert E., assignor.)						
Passage, Christopher E., Milwaukee, Wis. Foot-protecting device.	849,811	Apr. 9	2332	478	127	2217
Passage, Hiram H., assignor of one-half to G. E. Van De Car, Plymouth, Mich. Artificial bait.	841,429	Jan. 15	3293	711	126	926
Passavant, Philip L., assignor of one-half to F. M. Cockrell and T. W. Baxter, Connellsville, Pa. Automatic lubricating device.	853,469	May 14	2210	459	128	600
Passburg, Emil, Berlin, Germany. Vacuum drying apparatus.	853,260	May 14	1796	374	128	487
Passino, Edward J., Middletown, N. Y. Door-check.	858,905	July 2	929	242-3	129	319
Passmann, Otto. (See Brugel and Passmann.)						
Pasteur Vaccine Company. (See Deperduissin, Hippolyte, assignor.)						
Pataud, Henri, Paris, France. Wheel rim or felly.	853,594	May 14	2460	512	128	664
Pataud, Henri, Paris, France. Wheel-felly.	858,015	June 25	5055	1069-70	128	3074
Patch, Clarence C., Chicago, Ill. Base-ball-game apparatus.	866,057	Sept. 17	2046	571	130	699
Patchin, William E., assignor of one-half to L. V. Slight, Rochester, N. Y. Eaves-trough hanger.	869,195	Oct. 22	3110	857	130	2338
Pate, Claud B. (See Jordan and Pate.)						
Pate, Joe. (See Davenport, Walter D., assignor.)						
Pate, Marvin. (See Kimbro, John A., assignor.)						
Patenall, Frank P. J., and G. H. Dryden, Baltimore, Md. Automatic block-signal system.	851,692	Apr. 30	5999	1253-4	127	3250
Patent Holding Company. (See Pratt, Allison A., assignor.)						
Patent Ownership Company. (See Reed and Wilcox, assignors.)						
Patent Ventilated Car Company. (See Bayer, Henry S., assignor.)						
Paterson, James, and G. K. Pasley, Gisborne, New Zealand. Combined seat and luggage-carrier for bicycles.	843,094	Feb. 5	522	109	126	1928
Paterson, James W., New Castle, Pa. Sash-adjuster.	849,016	Apr. 2	794	163	127	1789
Pates, James S., Monongahela, Pa. Automatic car-stop.	840,247	Jan. 1	922	202	126	250
Pates, James S., Monongahela, Pa. Coal-tipple.	840,248	Jan. 1	924	202	126	251
Pates, James S., Monongahela, Pa. Coal-tipple.	863,313	Aug. 13	1942	524	129	2719
Pates, James S., Monongahela, Pa. Coal-tipple.	863,314	Aug. 13	1943	525	129	2719
Pates, Lewis T., Upper Alton, Ill. Rail-bond.	867,406	Oct. 1	267	78	130	1395
Patitz, Johann F. M. (See Becker and Patitz.)						
Patitz, Johann F. M., assignor to Allis-Chalmers Company, Milwaukee, Wis. Steam-turbine regulation.	863,210	Aug. 13	1788	481	129	2674
Patitz, Johann F. M., assignor to Allis-Chalmers Company, Milwaukee, Wis. Turbine-wheel.	867,407	Oct. 1	267	78	130	1395
Patitz, Johann F. M., assignor to Allis-Chalmers Company, Milwaukee, Wis. Turbine-vane.	875,374	Dec. 31	6264	1307	131	2296
Patnod, Felix J., assignor of one-half to J. Fitzgerald, Worcester, Mass. Comb-cementing clamp.	873,077	Dec. 10	1629	339	131	1453

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Paton, Hugh, Montreal, Quebec, Canada. Vessel-cover and liquid-shaker.....	839,950	Jan. 1	304	67	126	84
Patric, Milan W., Rochester, N. Y., assignor to John C. Moore Corporation. Loose-leaf binder.....	872,968	Dec. 3	1359	287	131	1381
Patrick, Charles P., Boonton, N. J. Bracket.....	848,044	Mar. 26	4725	1030	127	1280
Patrick, Frank H., Norwich, Conn. Combined foot-rest and towel-rack.....	841,889	Jan. 22	4225	910	126	1197
Patrick, George E., Ames, Iowa. Determining the percentage of water in butter.....	864,913	Sept. 3	237	1585	130	74
Patrick, Homer N., and G. T. Oglesby Sheffield, Ala. Picture-hanger.....	862,011	July 30	5711	1585	129	1988
Patschke, Arthur, Düsseldorf, Germany. Steam-turbine.....	866,958	Sept. 24	3380	956	130	1155
Patschke, Benjamin F. and S. A., and W. H. Boyer, Lebanon, Pa. Folding screen-door.	864,026	Aug. 20	2988	826	129	3077
Patschke, Sarah A. (See Patschke and Boyer.)						
Pattee, Herbert H., New York, N. Y. Amusement device.....	869,801	Oct. 29	4083	1128	130	2660
Patten, Charles, Fairfax, S. D. Gate.....	849,351	Apr. 2	1464	297	127	1959
Patten, Charles H., Providence, R. I., assignor to Charles E. Hancock Company. Attachment for holding ear ornaments.....	857,105	June 18	3249	683	128	2589
Patten, Franklin D., Portland, Oreg. Steering-engine.....	858,207	June 25	5427	1157-8	128	3170
Patten, Grant T., Newberry township, Miami county, Ohio. Combined corn harvester and shocker.....	865,655	Sept. 10	1399	396-7	130	456
Patten, James. (See Patten, William and J.)						
Patten, James S., Baltimore, Md. Journal-box lid.....	858,208	June 25	5428	1158	128	3170
Patten, James S., Baltimore, Md. Journal-box.....	870,121	Nov. 5	386	107	131	129
Patten Manufacturing Company. (See Painter, Carl T., assignor.)						
Patten, William and J., New York, N. Y. Phonograph system.....	854,525	May 21	4318	894	128	1174
Patterson, Alice C. (See Patterson, George L., assignor.)						
Patterson, Alice C. (See Raymond, Nelson H., assignor.)						
Patterson, Alice C. (See Raymond and Vetter, assignors.)						
Patterson, Alice C. (See Vetter, Joseph C., assignor.)						
Patterson, Arthur L., Albemarle, N. C. Printing device.....	874,790	Dec. 24	5074	1069	131	2083
Patterson, Charles F., New York, N. Y. Supervisory signal system.....	852,344	Apr. 30	7283	1551	127	3577
Patterson, Charles F., New York, N. Y. Circuit-connector.....	852,395	Apr. 30	7406	1554	127	3608
Patterson, Charles H., Dawson, N. Mex. Ter. Roll-paper holder and cutter.....	851,832	Apr. 30	6282	1310	127	3326
Patterson, Clara B., Philadelphia, Pa. Hook-and-eye-card holder.....	862,195	Aug. 6	137	38	129	2127
Patterson, David, Denver, Colo. Car-coupling.....	842,692	Jan. 29	5945	1253	126	1663
Patterson, David, Denver, Colo. Recorder.....	848,846	Apr. 2	501	97	127	1716
Patterson, Frank J., and S. E. Magee, Trent, S. D.; said Magee assignor to said Patterson. Running-gear.....	846,606	Mar. 12	1815	399	127	492
Patterson, Frank M., <i>et al.</i> (See Cloud, Arthur D., assignor.)						
Patterson, Frank M., <i>et al.</i> (See Latimer, James B., assignor.)						
Patterson, Frank N., Lexington, N. C. Dyeing apparatus.....	875,553	Dec. 31	6600	1379	131	2352
Patterson, Franklin M. (See Allen and Patterson.)						
Patterson, George J. (See Junkin, John C., assignor.)						
Patterson, George L., assignor to A. C. Patterson, New York, N. Y. Protective shield for skeleton-frame bells.....	872,145	Nov. 26	4219	1006	131	1075
Patterson, George L., assignor to A. C. Patterson, New York, N. Y. Adjustment for contacts.....	872,146	Nov. 26	4220	1007	131	1075
Patterson, Gilbert, Duluth, Minn. Flue-cleaner for steam-boilers.....	844,740	Feb. 19	4032	859	126	2863
Patterson, Gilbert, Duluth, Minn. Cleaner for water-tube boilers.....	867,073	Sept. 24	3562	1008	130	1210
Patterson, Henry J., St. Johns, Mich. Trunk-strap fastener.....	857,197	June 18	3430	723	128	2634
Patterson, James B., Philadelphia, Pa. Suspension-couch.....	869,142	Oct. 22	3033	837	130	2313
Patterson, James M., Los Angeles, Cal. Wrapping-machine.....	869,388	Oct. 29	3422	941-3	130	2462
Patterson, James M., Los Angeles, Cal. Wrapping-machine.....	869,389	Oct. 29	3426	943	130	2463
Patterson, James M., assignor to National Wrapping Machine Co., Los Angeles, Cal. Wrapping-machine.....	874,620	Dec. 24	4742	997-8	131	2028
Patterson, James R., New Comerstown, Ohio. Toy.....	857,481	June 18	3954	840	128	2765
Patterson, James S., and D. E. Smith, Abilene, Tex. Bale-band buckle.....	872,969	Dec. 3	1362	287	131	1381
Patterson, James W., New York, N. Y. Coin-operated vending-machine.....	840,513	Jan. 8	1470	325	126	421
Patterson, John, Flesher, Mont. Combined coupling-pin and compound tool.....	845,975	Mar. 5	513	106	127	132
Patterson, John, Aurora, Ill. Coat-hook.....	855,586	June 4	273	55	128	1765
Patterson, John, Ozone Park, N. Y. Wrench.....	863,433	Aug. 13	2107	568	129	2774
Patterson, John C., Philadelphia, Pa. Score-tablet for games.....	852,031	Apr. 30	6732	1399	127	3440
Patterson, John J., Bellingham, Wash. Advertising-sign.....	842,693	Jan. 29	5948	1253	126	1664
Patterson, Louis M., Coalfield, Tenn. Union-coupling check-valve.....	857,897	June 25	4779	1015	128	3003
Patterson, Maud E., Baltimore, Md. Shield.....	847,107	Mar. 12	2777	614	127	731
Patterson, Ransom D., Fort Smith, Ark. Metal-bending machine.....	839,951	Jan. 1	305	67	126	84
Patterson, Raymond E., Rochester, N. Y. Exercising apparatus.....	864,188	Aug. 27	3257	902	129	3190
Patterson, Roy J., Fort Worth, Tex. Non-refillable bottle.....	869,390	Oct. 29	3429	944	130	2464
Patterson, Rufus L., <i>et al.</i> (See Tyberg, Oluf, assignor.)						
Patterson, Thomas C., New York, N. Y. Cruller-cutting machine.....	870,249	Nov. 5	590	158-9	131	193
Patterson, Thomas S., Philadelphia, Pa., assignor, by mesne assignments, to Oil and Waste Saving Machine Company. Thrust-bearing.....	839,885	Jan. 1	167	38	126	47
Patterson, Warren A., assignor to American Cotton Separator Company, St. Louis, Mo. Cotton-separator.....	845,976	Mar. 5	514	106-7	127	133
Patterson, Warren A., assignor to American Cotton Separator Company, St. Louis, Mo. Cotton-separator.....	853,470	May 14	2212	460	128	600
Patterson, Warren A., assignor to American Cotton Separator Company, St. Louis, Mo. Cotton-separator.....	856,421	June 11	1959	402-3	128	2224
Patterson, William J., assignor to Heyl & Patterson, Incorporated, Pittsburg, Pa. Traveling hopper.....	840,863	Jan. 8	2146	474-5	126	588
Patterson, William L., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Projection apparatus.....	872,303	Nov. 26	4532	1074	131	1125
Patterson, William S., Salt Lake City, Utah. Lubricator.....	842,332	Jan. 29	5134	1091	126	1455
Pattison, Clarence A. (See Roby and Pattison.)						
Pattison, Henry, and L. Scaglia, Naples, Italy. Automatic variable-speed mechanism.....	863,434	Aug. 13	2109	568	129	2774
Patton, Alfred S., Frances, Wash., assignor of two-thirds to J. H. Drissler and F. Albright, South Bend, Wash. Crosscut-saw handle.....	840,363	Jan. 1	1169	253	126	309
Patton, David W., Moberly, Mo. Nut-lock.....	840,249	Jan. 1	925	202	126	251
Patton, Edward. (See Cook, Henry J., assignor.)						
Patton, Elias J., Hastings, Nebr. Gasket or washer cutter.....	874,702	Dec. 24	4913	1032	131	2055
Patton, John D., Rosedale, Kans. Automatic cut-off.....	849,637	Apr. 9	2023	415	127	2138
Patton, Mordica O., Rayville, Mo. Gate-latch.....	846,804	Mar. 12	2180	479	127	585
Patton, Oliver C., assignor to F. L. Jones, C. A. Douglass, Denver, and A. F. Harris, Dolores, Colo. Automatic weighing-machine.....	857,301	June 18	3614	765	128	2682
Patton, Victor, Hastings, Colo. Armature-testing apparatus.....	858,016	June 25	5058	1070	128	3075
Pattyn, Henri, Paterson, N. J. Dyeing apparatus.....	846,940	Mar. 12	2460	540	127	655
Patzke, Henry, <i>et al.</i> (See Lauber, William, assignor.)						
Patzold, Hugo L., Meriden, Conn. Pencil-holding device.....	854,053	May 21	3430	707	128	946
Pauels, Wilhelm. (See Gostemeier and Pauels.)						
Paul, Almarin B., San Francisco, Cal. Mineral-concentrator.....	842,333	Jan. 29	5135	1091	126	1456

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Paul, Andrew G., Boston, Mass., assignor to Pakin Company. Heating system.....	863,211	Aug. 13	1790	481-2	129	2675
Paul, Andrew G., Boston, Mass., assignor to Pakin Company. Steam-trap for use in heating systems.....	863,212	Aug. 13	1793	482	129	2676
Paul, Arthur, Newark, N. J. Tip for cues.....	855,127	May 28	5575	1158	128	1519
Paul, Basil H., Fresno, Cal. Machine for seeding raisins and other fruits.....	868,290	Oct. 15	1681	473-4	130	1870
Paul Dickinson (Incorporated). (See Caswell, Frederick K., assignor.)						
Paul, Edward A., et al. (See Woods, Edward D., assignor.)						
Paul, Howard M., Philadelphia, Pa. Boot-puller.....	846,694	Mar. 12	1967	432	127	530
Paul, John L., Chicago, Ill. Fastening device for ornaments.....	845,570	Feb. 26	5651	1197	126	3311
Paul, John T. H., assignor to E. Goldman & Co., Chicago, Ill. Filter.....	849,017	Apr. 2	795	163-4	127	1790
Paul, John T. H., assignor to E. Goldman & Company, Chicago, Ill. Bottle-holder.....	852,345	Apr. 30	7288	1531-2	127	3578
Paul, John T. H., assignor to E. Goldman & Co., Chicago, Ill. Filter.....	860,244	July 16	2966	810	129	1045
Paul, Otto, deceased. (See Emery, Nerking, and Paul.)						
Paul, William L., assignor to Peru Plow & Wheel Company, Peru, Ill. Caster-controller for wheeled plows.....	869,258	Oct. 29	3214	885	130	2398
Pauling, Harry, assignor to Saltpetersäure-Industrie-Gesellschaft, G. M. B. H., Gelsenkirchen, Germany. Production of nitric acid or nitric oxid from atmospheric air.....	873,891	Dec. 17	3236	690	131	1756
Pauli, William H. (See Symons and Pauli.)						
Paulins, George E., assignor of fifteen twenty-fourths to C. E. Bibb, C. H. Theobald, and H. L. Butler, Colorado Springs, Colo. Amalgamator.....	870,643	Nov. 12	1223	332	131	433
Paulsen, Paul, Imelde, near Meldorf, Germany. Apparatus for the treatment of seed-corn.....	849,567	Apr. 9	1893	386	127	2107
Paulsen, Peder, assignor to Epping-Carpenter Company, Pittsburg, Pa. Valve for engines.....	849,748	Apr. 9	2207	454-5	127	2184
Paulson, Charles E., New York, N. Y. Stairway.....	854,667	May 21	4586	957	128	1241
Paulson, Charles J., Brooklyn, N. Y. Type-writer carriage mechanism.....	861,314	July 30	4637	1267-8	129	1659
Paulson, Charles J., Brooklyn, N. Y. Ribbon-shift for type-writers.....	872,447	Dec. 3	265	55	131	1210
Paulson, Eleck, Osage, Iowa. Rural mail-delivery cabinet.....	853,318	May 14	1942	401-2	128	532
Paulson, Hans, Orting, Wash. Switch-stand lock.....	868,802	Oct. 22	2528	697	130	2158
Paulson, Martin, assignor to J. L. Kaley and E. S. Stotts, Omaha, Nebr. Wheel clamp or anchor.....	867,594	Oct. 8	571	161	130	1508
Pauly, Albert A., Youngstown, Ohio. Wet-stone car.....	849,160	Apr. 2	1112	224	127	1873
Pauly, Albert A., Youngstown, Ohio. Concrete construction.....	865,265	Sept. 3	763	217	130	231
Pauly, Albert A., Youngstown, Ohio. Apparatus for forming building-blocks and artificial stone from plastic material.....	865,266	Sept. 3	763	218	130	232
Pauly, Henry J. (See Wagniere, August, assignor.)						
Pauly, Karl A., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine.....	873,778	Dec. 17	3003	637	131	1718
Pauly, Peter J., Jr., St. Louis, Mo. Closet-seat.....	848,200	Mar. 26	4977	1088	127	1344
Pautasso, Jean A., Geneva, Switzerland. Book-camera.....	861,606	July 30	5109	1403	129	1806
Pavert, Remy J., Baker City, Oreg. Rake-tooth.....	847,685	Mar. 19	3961	864	127	1061
Pavia, Nicola, and G. Casalis, Turin, Italy. Railway-coupling.....	861,674	July 30	5206	1431	129	1835
Pawley, Lucy F., Los Angeles, Cal. Air filter and cooler.....	849,568	Apr. 9	1894	387	127	2107
Pawolowski, Jacob. (See McGladdery and Pawolowski.)						
Paxson, Charles A. (See Lowry, Reginald N., assignor.)						
Paxton, Cyrus H., Oshkosh, Wis. Trunk.....	844,393	Feb. 19	3087	663	126	2636
Paxton, Francis M., Washington, Pa. Combined rail-fastener and tie.....	847,024	Mar. 12	2624	577	127	695
Paxton, Richard M., Washington, Pa. Glass-working apparatus.....	872,194	Nov. 26	4307	1028-9	131	1091
Paxton, Washington E. (See Mears, Jorgensen, and Paxton.)						
Pay, Charles, Providence, R. I. Scoop-bucket for dredging purposes.....	850,096	Apr. 9	2839	594-5	127	2343
Payne, Ellen D. and H., New York, N. Y. Hair-curler.....	861,479	July 30	4917	1350	129	1744
Payne, Frank C., Manteno, Ill. Boot for elevators.....	850,541	Apr. 16	3700	774	127	2608
Payne, Frank H. (See Lowry, Frank E., assignor.)						
Payne, Franklin P., Port Jefferson, N. Y. Apparatus for applying cement.....	866,511	Sept. 17	2688	752	130	904
Payne, Henry S., Wheeling, W. Va. Locking coat, hat, and umbrella rack.....	872,147	Nov. 26	4220	1007	131	1076
Payne, Hubert. (See Payne, Ellen D. and H.)						
Payne, James F., and R. L. Coleman, Kansas City, Mo. Strap-protector.....	869,015	Oct. 22	2846	784	130	2256
Payne, James P., Delta, Colo. Box-making machine.....	872,195	Nov. 26	4312	1029-30	131	1091
Payne, John S., Mulvane, Kans. Railway signal mechanism.....	872,679	Dec. 3	750	158-9	131	1287
Payne, Thomas F., Pittsburg, Pa. Water-closet and flushing-valve therefor.....	845,373	Feb. 26	5292	1122-3	126	3223
Paynter, William D., and F. A. Bastian, Grass Valley, Cal. Chuck.....	860,564	July 16	3441	945	129	1202
Payrow, Harry G., et al. (See Palmer, Edward E., assignor.)						
Payson, Bernard A., Tyrconnell, Ontario, Canada. Pencil-eraser.....	870,990	Nov. 12	1797	489	131	611
Payson, Walter G. (See Saunders, Edward M., assignor.)						
Payton, Alma, Sylvester, Ga. Loss-preventing device.....	845,812	Mar. 5	155	30	127	42
Peabody, Francis C., St. Paul, Minn. Air-coupling.....	864,487	Aug. 27	3697	1031	129	3330
Peabody Leather Machinery Company. (See Norgrove, George B., assignor.)						
Peabody, Sherman B., Mansonville, Quebec, Canada. Boot-drying apparatus.....	859,514	July 9	1841	496	129	650
Peabody, William, Detroit, Mich. Building apparatus and method of building construction.....	869,321	Oct. 29	3430	944	130	2464
Peach, Josef, Traverse City, Mich. Miter-box.....	845,571	Feb. 26	5652	1198	126	3312
Peachey, John D., East Orange, N. J. Electrical signaling apparatus.....	840,159	Jan. 1	749	163	126	203
Peacock, Edward L., Montreal, Quebec, Canada, assignor to Lake Torpedo Boat Company, Bridgeport, Conn. Submersible vessel.....	872,842	Dec. 3	1103	231-2	131	1340
Peacock, George A., Hanford, Cal. Awl.....	850,779	Apr. 16	4157	870	127	2721
Peacock, Harry B., Easton, Pa. Siphon.....	851,898	Apr. 30	6405	1337	127	3357
Peacock, John R., Nottingham, England. Means or device for operating tramway and other points and the like.....	857,533	June 18	4060	863	128	2795
Peacock, John R., Nottingham, England. Means or device for operating tramway and other points and the like.....	857,534	June 18	4062	863	128	2795
Peacock, Joseph, Savanna, assignor to Cupola Cleaning Company, Chicago, Ill. Grain-cleaner.....	854,757	May 28	4799	997	128	1323
Peacock, Walter S., Selma, Cal. Collar-stiffener for negligee shirts.....	869,259	Oct. 29	3215	885	130	2398
Pealow, Henry C., Batavia, Ill. Contact-shoe for electric railways.....	840,087	Jan. 1	592	129	126	157
Pearce, Aldridge G., Providence, R. I. Bracelet.....	851,373	Apr. 23	5340	1119	127	3056
Pearce, Alexander C., Baton Rouge, La. Venting-tool.....	867,673	Oct. 8	678	191	130	1540
Pearce, Arthur S., San Juan, Cal. Wrench.....	869,802	Oct. 29	4084	1128	130	2661
Pearce, David M., Union City, Tenn. Seed-planter.....	867,074	Sept. 24	3563	1008-9	130	1211
Pearce, Henry A. (See Helms, Robert C., assignor.)						
Pearce, Robert M. (See Young, Frederick W., assignor.)						
Pearce, Walter A., London, England. Signaling mechanism.....	856,290	June 11	1649	342	128	2144
Peard, George W. (See Bates and Peard.)						
Peare, George R. (See Melanson and Peare.)						
Pearl, Azariah Y., New York, N. Y. Boring-machine.....	845,191	Feb. 26	4913	1041	126	3130
Pearl, Eugene, Passaic, N. J. Hose-supporter.....	841,430	Jan. 15	3294	711	126	926
Pearl, Eugene, Passaic, N. J. Weeder.....	841,431	Jan. 15	3295	712	126	926
Pearl, Eugene, Passaic, N. J. Hose-supporter.....	869,457	Oct. 29	3544	972	130	2500
Pearl Laundry Machinery Company. (See Taylor, Tom L., assignor.)						
Pearsall, Albert W., Lowell, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Pneumatic-despatch-tube apparatus.....	873,590	Dec. 10	2628	553	131	1623

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Pearsall Pneumatic Tube and Power Company. (See Batcheller, Birney C., assignor.)						
Pearsall, William, assignor to M. J. Whittall, Worcester, Mass. Tufting mechanism for looms.	853,471	May 14	2215	461-2	128	601
Pearse, George A., Jr., New York, N. Y. Vehicle-tire.	873,957	Dec. 17	3356	715	131	1777
Pearse, John V., assignor to Railway Chemical Sprayer Company, Owensboro, Ky. Spraying apparatus.	873,680	Dec. 10	2782	590-1	131	1652
Pearse, William E., New York, N. Y. Separating process and apparatus.	873,326	Dec. 10	2121	442	131	1534
Pearson, Charles, Chicago, Ill., assignor to International Harvester Company. Corn picker and husker.	846,049	Mar. 5	675	141-2	127	173
Pearson, Charles, Chicago, Ill., assignor to International Harvester Company. Hay-rake.	842,009	Nov. 26	3039	949	131	1030
Pearson, Ellis S., Bradford, Ohio. Curtain-pole support.	869,328	Oct. 29	3338	917	130	2435
Pearson, Gardner W., Lowell, Mass. Awning-blind.	871,044	Nov. 12	1868	511	131	634
Pearson, Geoffrey H., Swindon, England, assignor to A. C. Clark, Chicago, Ill. Apparatus for facilitating the removal of deposit in locomotive-boilers.	847,435	Mar. 19	3441	755	127	926
Pearson, Henry, Springfield, assignor to G. A. Denham, Boston, Mass. Combined trap-door abutment and locking member.	874,426	Dec. 24	4360	917	131	1965
Pearson, Henry, Springfield, assignor to G. A. Denham, Boston, Mass. Hinge.	874,427	Dec. 24	4360	917	131	1965
Pearson, Henry A., and H. Adams, U. S. Navy. Automatic circuit-closer.	864,027	Aug. 20	2988	826-7	129	3078
Pearson, James. (See Webb and Pearson.)						
Pearson, James, Central Falls, R. I. Bobbin-holder.	860,690	July 23	3659	1002	129	1306
Pearson, James, Central Falls, R. I. Bobbin-holder.	870,743	Nov. 12	1402	379	131	486
Pearson, James, assignor to Warner & Swasey Company, Cleveland, Ohio. Chuck.	843,095	Feb. 5	524	109-10	126	1928
Pearson, James H., Bloomfield, Ind. Lightning-arrester.	848,045	Mar. 26	4726	1030	127	1281
Pearson, James H., assignor of one-half to W. S. Bogy, Bloomfield, Ind. Pants-creaser.	850,046	Apr. 9	2736	574	127	2316
Pearson, James H., assignor to W. S. Bogy, Bloomfield, Ind. Jack.	851,313	Apr. 23	5224	1095-6	127	3028
Pearson, John, Chicago, Ill. Journal-box.	852,032	Apr. 30	6733	1400	127	3440
Pearson, John, Chicago, Ill. Dust-guard.	874,428	Dec. 24	4361	418	131	1965
Pearson, John A., Chicago, Ill. Router-head.	864,986	Sept. 3	355	95	130	112
Pearson, John B., Stoneham, assignor of one-half to A. W. Fuller, Cliftondale, Mass. Light-distributing device.	858,620	July 2	449	117	129	157
Pearson, Marcus, Springfield, Ala. Plow.	840,364	Jan. 1	1170	254	126	309
Pearson, Oke, and C. E. Lindquist, Chicago, Ill. Sash-lock.	847,600	Mar. 19	3768	826	127	1013
Pearson, Olaf, Metropolitan, Mich. Work-holding means.	866,678	Sept. 24	2955	837	130	1014
Pearson, Samuel M., Denmark, S. C. Butter-churn.	844,464	Feb. 19	3215	693	126	2669
Pearson, Thomas S., Clay township, and V. E. Vaile, Center township, Howard county, Ind. Band-cutter and feeder for threshers.	861,533	July 30	4987	1370	129	1767
Pearson Typo-Bar Company. (See Allen, Leicester, assignor.)						
Pearson, Walter B., Detroit, Mich. Side-curtain support.	855,970	June 4	1025	213	128	1953
Pearson, William H., Passaic, and R. A. Wernau, Clifton, N. J. Toy.	853,730	May 14	2759	567-8	128	742
Pease, Charles, Salem, Mass., assignor to United-Xpedite Finishing Company, Berwick, Me. Beading-machine.	859,104	July 2	1213	327	129	409
Pease, Charles E., et al. (See Winchell, James F., assignor.)						
Pease, Charles F., Chicago, Ill. Continuous blue-printing, washing, and drying apparatus.	846,941	Mar. 12	2492	541-2	127	655
Pease, Charles F., Chicago, Ill., assignor of one-half to Williams, Brown and Earle, Philadelphia, Pa. Blue-print-drying machine.	865,057	Sept. 3	471	130	130	143
Pease, Franklin B., and C. G. Tiefel, assignors to G. W. Todd & Co., Rochester, N. Y. Check-protector.	862,844	Aug. 6	1222	329-30	129	2457
Pease, Harold C. (See White and Pease.)						
Pease, Henry W., assignor of one-half to J. I. Doan, Philadelphia, Pa. Ladder.	840,365	Jan. 1	1171	254	126	310
Pease, Horace S., Cincinnati, Ohio. Sad-iron stand.	873,779	Dec. 17	3005	638	131	1719
Pease, John D., New York, N. Y. Pedal for automatic pianos.	854,307	May 21	3923	809	128	1075
Pease, Pascal S., North East, Pa. Oil-cloth rack.	848,682	Apr. 2	123	27	127	1617
Pease, Roger S., Allegheny, Pa. Apparatus for making glass.	852,396	Apr. 30	7409	1554-5	127	3608
Pease, Roger S., Allegheny, assignor to A. M. Lee, trustee, Pittsburg, Pa. Apparatus for delivering molten glass.	852,196	Apr. 30	7031	1468	127	3515
Pease, Roger S., Allegheny, assignor to A. M. Lee, trustee, Pittsburg, Pa. Drawing glass.	852,197	Apr. 30	7033	1468-9	127	3516
Pease, Roger S., Allegheny, assignor to A. M. Lee, trustee, Pittsburg, Pa. Apparatus for delivering molten glass.	870,250	Nov. 5	594	159	131	195
Peasley, James A., et al., administrators. (See Smith, Dwight L.)						
Peavey, Ira Q. A., Bangor, assignor of one-half to C. L. Hathaway and C. D. Whittier, Passadumkeag, Me. Snow-locomotive.	864,106	Aug. 20	3111	861	129	3116
Peay, William G., and G. W. Ham, Willard, Ky. Miner's blast-charger.	852,900	May 7	1086	224	128	278
Peck, Benjamin C., assignor to Roth & Engelhardt, New York, N. Y. Stop mechanism for self-playing musical instruments.	870,744	Nov. 12	1403	380	131	486
Peck, Benjamin C., assignor to Roth & Engelhardt, New York, N. Y. Pneumatic valve for self-playing musical instruments.	870,745	Nov. 12	1405	380	131	487
Peck Bros. & Co. (See Newton, William G., assignor.)						
Peck, Burton H., near Lexington, Oreg. Land roller and packer.	871,358	Nov. 19	2540	653	131	786
Peck, Cassius C., Rochester, N. Y. Hot-water-circulating system.	842,907	Feb. 5	125	30	126	1820
Peck, Cassius C., Rochester, N. Y. Circulating hot water in a heating system.	854,054	May 21	3430	707-8	128	947
Peck, Cassius C., Rochester, N. Y. Vacuum heating apparatus.	874,112	Dec. 17	3724	784	131	1826
Peck, Cassius C., Rochester, N. Y. Vacuum heating system.	874,113	Dec. 17	3726	784	131	1827
Peck, Ferdinand S., assignor of one-half to W. Z. Searle, Petoskey, Mich. Package-tie.	842,240	Jan. 29	4940	1054	126	1404
Peck, Frank S., Menomonie, Wis., assignor of one-half to S. J. Hewson, Minneapolis, Minn. Dump-table.	870,521	Nov. 5	1018	277	131	328
Peck, Fred J., Ansonia, Conn. Eyeglasses.	841,568	Jan. 15	3544	766	126	992
Peck, James E., Syracuse, N. Y. Heater.	871,235	Nov. 19	2261	595	131	744
Peck, John M. (See Kinstle and Peck.)						
Peck, Levi T., Honolulu, Hawaii. Transfer-ticket.	856,904	June 11	2848	594	128	2447
Peck, Peter, Southbridge, Mass. Eyeglasses.	844,394	Feb. 19	3090	663	126	2637
Peck, Philip C., et al. (See Ladoff, Isador, assignor.)						
Peck, Scott, Modesto, Cal. Measuring device.	845,572	Feb. 26	5654	1198	126	3312
Peck, Stow & Wilcox Company. (See Ellrich, Robert C., assignor.)						
Peckham, Charles M. (See Hill and Peckham.)						
Peckham, Edgar, Kingston, N. Y. Truck.	845,977	Mar. 5	518	107	127	134
Pecover, George, Colorado Springs, Colo. Hose-nozzle.	860,054	July 16	2690	731	129	955
Peddy, Andrew J., Henderson, Tenn. Draft attachment for agricultural implements.	864,189	Aug. 27	3258	902	129	3190
Peddycoart, John L., Waterloo, Iowa. Micrometer-gage.	846,607	Mar. 12	1817	399	127	492
Pedersen, Adolph, assignor to Van Dorn-Elliott Electric Company, Cleveland, Ohio. Motor-controller.	850,443	Apr. 16	3512	755	127	2559
Pedersen, Adolph, assignor to Van Dorn-Elliott Electric Company, Cleveland, Ohio. Motor-controller.	850,872	Apr. 16	4346	911	127	2770
Pedersen, Christian, assignor to Landis Machine Company, St. Louis, Mo. Loop opener and spreader for sewing-machines.	850,963	Apr. 23	4521	946	127	2852
Pedersen, Christian, assignor to Landis Machine Company, St. Louis, Mo. Thread-laying mechanism for sewing-machines.	872,744	Dec. 3	897	186	131	1308

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Pedersen, Christian, assignor to Landis Machine Company, St. Louis, Mo. Awl-feeding mechanism for sewing-machines.	872,745	Dec. 3	899	186	131	1309
Pedersen, Johannes T., Woodside, assignor to Pedersen Manufacturing Company, New York, N. Y. Lubricator.	874,114	Dec. 17	3729	784	131	1827
Pedersen, John, Stamford, Conn. Sled-runner.	840,953	Jan. 8	2338	513	126	637
Pedersen Manufacturing Company. (See Pedersen, Johannes T., assignor.)						
Pedersen, Mikael, Dursley, England. Gearing for bicycles, &c.	854,599	May 21	4459	928	128	1208
Pedersen, Mikael, Dursley, England. Gearing for motor-vehicles, &c.	854,600	May 21	4462	928-30	128	1209
Pedersen, Olaf S., New York, N. Y. Expansion-tube.	858,100	June 25	5234	1110	128	3121
Pedersen, Otto, Chicago Heights, Ill. Automatic grip-cord adjuster.	856,722	June 11	2527	519	128	2368
Pedersen, Peder O. (See Poulsen and Pedersen.)						
Pedersen, Peder O., Copenhagen, Denmark. Receiver for electrical oscillations.	858,668	July 2	538	138	129	186
Pedersen, Peder O., and V. Poulsen, Copenhagen, Denmark, assignors to American Telegraphone Company. Electromagnet for telegraphone purposes.	873,078	Dec. 10	1632	340	131	1454
Pederson, Andrew, Effington, S. D. Plow.	847,025	Mar. 12	2625	577	127	695
Pederson, Lars, Leland, Ill. Acetylene-gas generator.	851,772	Apr. 30	6138	1283	127	3287
Pederson, Lars, Manitowoc, Wis. Lawn-mower.	855,587	June 4	275	55-6	128	1765
Pederson, Rasmus, Parkersburg, Iowa. Wagon-loading device.	843,695	Feb. 12	1707	363-4	126	2255
Pederson, Rasmus, Parkersburg, Iowa. Wagon-loading device.	871,887	Nov. 26	3647	889-90	131	989
Pedigo, Jesse W. (See Busselle and Pedigo.)						
Pedley, John G., Pleasant Prairie, Wis. Sawing-machine.	840,366	Jan. 1	1172	254	126	310
Pedrick, Howard A., and C. A. Smith, Philadelphia, Pa., assignors to said Smith. Pipe-bending machine.	842,111	Jan. 22	4637	995	126	1295
Pedrick, Howard A., and C. A. Smith, Philadelphia, Pa., assignors to said Smith. Rock-drill.						
Péducasce, Bernard, Lyon, France. Combined braking and locking device.	862,653	Aug. 6	922	248	129	2369
Peek, George W., San Francisco, Cal. Extension-table.	845,192	Feb. 26	4915	1042	126	3131
Peeler, Warren F., Elwood, assignor of one-half to W. C. Vanneman, Anderson, Ind. Lifter and carrier.	844,616	Feb. 19	3774	796	126	2798
Peeples, Lawrence R., Shawneetown, Ill. Wire-fastener.	848,124	Mar. 26	4857	1060	127	1313
Peeples, William E., Pomeroy, Ohio. Lock.	869,585	Oct. 29	3545	972	130	2500
Peerless Electric Company. (See McBerty, Fred P., assignor.)	870,460	Nov. 5	933	254	131	304
Peerless Fashion Company. (See Hudson, William H., assignor.)						
Peerless Machinery Company. (See Glass, Perley R., assignor.)						
Peerless Machinery Company. (See Glass and Muther, assignors.)						
Peerless Machinery Company. (See Raiche, Andrew, assignor.)						
Peerless Promoting and Manufacturing Company. (See Shive, Calvin A., assignor.)						
Peerless Tank and Seat Works. (See Kingsbury, Forrest W., assignor.)						
Peerson, James M., Florence, Ala. Cultivator.	861,048	July 23	4223	1156-7	129	1486
Peet, Edward B. (See Peet, Walter F., assignor.)						
Peet, Walter F., assignor of one-half to E. B. Peet, Philadelphia, Pa. Garment-fastener.	853,561	May 14	2393	498	128	647
Peetz, John L., Kokomo, Ind. Concrete wall.	860,565	July 16	3442	945	129	1202
Peffey, William L., Murietta, Cal. Non-refillable bottle.	861,049	July 23	4224	1157	129	1486
Pegan, Arthur C., assignor of one-half to L. C. Hinchman, Indianapolis, Ind. Locked coat-hook.	840,800	Jan. 8	2026	448	126	560
Pegram, Howard L., Mulvane, Kans. Building-block.	863,435	Aug. 13	2111	568	129	2775
Pegram, John H., Longspur, Va. Device for cleaning ship-bottoms.	850,246	Apr. 16	3138	656	127	2461
Peignon, Joseph, Nantes, France. Machine for the manufacture of wire-netting or latticed fences with bars of all description.	870,901	Nov. 12	1641	449-51	131	563
Pein, Edward J. von, assignor, by mesne assignments, to National Cash Register Company, Dayton, Ohio. Cash-register.	864,495	Aug. 27	3710	1034	129	3336
Peirce, Charles L., Jr., Chicago, Ill., assignor to W. G. Nagel Electric Company, Toledo, Ohio. Cable-hanger.	856,099	June 4	1234	260	128	2004
Peirce, Charles L., Jr., assignor to Peirce Specialty Company, Chicago, Ill. Insulator.	860,585	June 11	2074	427	128	2254
Peirce, Charles L., Jr., assignor to Peirce Specialty Company, Chicago, Ill. Insulator.	856,801	June 11	2667	550	128	2404
Peirce, Edward D. (See Cook, Samuel B., assignor.)						
Peirce, John R., New York, N. Y. Marble-polishing machine.	843,624	Feb. 12	1589	336	126	2224
Peirce, John R., assignor to Royden Marble Machinery Company, New York, N. Y. Machine for working marble.	857,898	June 25	4780	1015	128	3003
Peirce, John R., assignor to Royden Marble Machinery Company, New York, N. Y. Marble-working machine.	858,466	July 2	153	41-2	129	51
Peirce, John R., assignor to Royden Marble Machinery Company, New York, N. Y. Rubbing and finishing machine.	861,387	July 30	4766	1303	129	1699
Peirce, John R., assignor to Royden Marble Machinery Company, New York, N. Y. Stoneworking-machine.	862,933	Aug. 13	1346	367-8	129	2532
Peirce, John R., assignor to Royden Marble Machinery Company, New York, N. Y. Lathe for marble or the like.	871,522	Nov. 19	2908	727-8	131	841
Peirce, Ralph S., Chicago, Ill. Apparatus for erecting aerial cables.	840,009	Jan. 1	426	92	126	116
Peirce, Ralph S., Chicago, Ill. Hanger for electrical cables.	861,887	July 30	5534	1527	129	1934
Peirce, Ralph S., Hinsdale, assignor to Peirce Specialty Company, Chicago, Ill. Fuse.	861,315	July 30	4639	1268	129	1659
Peirce Specialty Company. (See Peirce, Charles L., Jr., assignor.)						
Peirce Specialty Company. (See Peirce, Ralph S., assignor.)						
Pejchar, Josef, Cincinnati, Ohio. Cuff-button.	867,529	Oct. 1	458	131	130	1456
Pelham, Alphonzo E. (See Sill, Richard V., assignor.)						
Pelham, John M. (See Vance, Sidney F., assignor.)						
Péissier, Fénéon, Gonaïves, Haiti. Means for repeating piano-notes.	853,595	May 14	2461	513	128	665
Pelkey, David W. (See Clemons and Pelkey.)						
Peller, Morris, New York, N. Y., assignor to Waterbury Buckle Company, Waterbury, Conn. Suspender-buckle.	847,811	Mar. 19	4236	927	127	1122
Pelletier, Charles. (See Camors and Pelletier.)						
Pelletier, John F., et al. (See Mathews, George S., assignor.)						
Pelletier, Joseph E. L., and G. F. Monier, Paris, France. Dumb-bell.	850,964	Apr. 23	4522	946	127	2853
Pellow, Richard, Manchester, England. Garment-fastening.	840,655	Jan. 8	1740	383	126	490
Pellow, Arthur, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Instrument for centering lenses.	843,548	Feb. 5	1431	302	126	2150
Pelrin, Alphonse, Detroit, Mich. Beading or molding tool.	868,803	Oct. 22	2530	697	130	2158
Pelmulder, Charles, Grant City, Iowa. Automatic hog-waterer.	846,424	Mar. 5	1422	315	127	359
Peltier, Alphonse, Brooklyn, N. Y. Bottle-stopper.	859,577	July 9	1951	526	129	685
Peltier, Arthur, Detroit, Mich., assignor of seven-sixteenths to F. R. Wheat, Wheeling, W. Va. Extension step-ladder.	845,433	Feb. 26	5389	1144	126	3245
Peltier, Wilfrid, Concordia, Kans. Shock-loader.	863,042	Aug. 13	1309	409-10	129	2585
Peltier, Wilfrid, Concordia, Kans. Gate opener and closer.	866,806	Sept. 24	3158	888	130	1086
Pelton, Charles H., assignor to Thomas Manufacturing Company, Springfield, Ohio. Hay-loader.	845,193	Feb. 26	4917	1042-3	126	3131
Pelton, Charles W., Hyannis, Mass. Insect-trap.	848,125	Mar. 26	4858	1061	127	1313
Pelton, Fred, Indianapolis, Ind. Water-heater for cooking-stoves.	841,811	Jan. 22	4063	875	126	1158

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Pelton, Marie C., Beatrice, Nebr. Garment measuring and drafting device.....	875,554	Dec. 31	6601	1380	131	2352
Pelton Water Wheel Co. (See Böhle, Erich, assignor.)						
Pelton Water Wheel Co. (See Haeberlein, Max, assignor.)						
Pelton Water Wheel Company. (See Henry, George J., Jr., assignor.)						
Pelton, William R., Grand Rapids, Mich. Machine for making bats.....	863,751	Aug. 20	2580	713-14	129	2953
Peltzer, Albert, Chicago, Ill. Dumping-car.....	855,128	May 28	5576	1159	128	1520
Peltzer, Hermann. (See Möllenbrück and Dielmann, assignors.)						
Pemberton, Charles, Camp Chase, and W. S. Macdonald, Columbus, Ohio. Animal-trap.....	848,765	Apr. 2	287	58-9	127	1661
Pement, Philemon, Chicago, Ill. Tent-state.....	841,812	Jan. 22	4064	873	126	1159
Pence, George M., Topeka, Ind. Machine for mixing concrete.....	858,017	June 25	5059	1070	128	3075
Pence, H. E. (See Oliver, Edd C., assignor.)						
Pence, Harry E. (See Oliver, Edd C., assignor.)						
Pence, Ralph A. (See Haga, Ottar B., assignor.)						
Pendergast, Thomas, assignor of fifty-one one-hundredths to J. Hertzler, Lancaster, Pa. Gasket for pipe-couplings.....	857,106	June 18	3250	683	128	2589
Pendergrass, Sanford L., Monroe, Ga. Duster.....	848,920	Apr. 2	641	128	127	1752
Pendery, William H. (See Crabbs and Pendery.)						
Pendexter, Edward F., Milford, Mass. Car-coupling.....	856,489	June 11	2075	427	128	2254
Pendleton, George W., Mineola, Tex. Steam-condenser.....	870,461	Nov. 5	934	254	131	304
Pendleton, John H., West Philadelphia, assignor of one-half to E. A. Henkle, Philadelphia, Pa. Power-transmission mechanism.....	873,681	Dec. 10	2785	591	131	1652
Pendleton, Leonard S. (See Zorn, John B., assignor.)						
Pendleton, Oliver C., New York, N. Y. Riveting-machine.....	858,751	July 2	673	177	129	233
Pendleton, William S., assignor of one-half to M. C. Fleming, Shawnee, Okla. Ter. Grave-filler.....	846,757	Mar. 12	2090	458	127	562
Pendrith, George T., Toronto, Ontario, Canada. Dough-dividing machine for bread-making.....	873,682	Dec. 10	2788	591-2	131	1653
Penfield, Charles R., Chicago, Ill. Light-projecting attachment for firearms.....	873,591	Dec. 10	2629	554	131	1623
Penfold, Frederick E., Sydney, New South Wales, Australia. Street-sweeper.....	875,375	Dec. 31	6265	1307	131	2296
Penhallow, Dunlap P., Boston, Mass. Stethoscope.....	872,448	Dec. 3	268	55	131	1211
Penington, Benjamin C., Oscar, Ind. Ter. Guard for cotton-pickers' bags.....	870,462	Nov. 5	935	255	131	305
Peniston, Thomas H. (See Beyer, Otto S., assignor.)						
Penkala, Eduard, Zágráb, Austria-Hungary. Tooth-brush.....	844,395	Feb. 19	3091	664	126	2637
Penn, Ross R., Flora, Ind. Lathe-dog.....	874,791	Dec. 24	5076	1069	131	2083
Penn, William E. (See Macnish and Penn.)						
Pennell, George, Baltimore, Md. Gage-cock.....	862,752	Aug. 6	1083	291	129	2414
Pennell, Sylvanus, Girard, Ohio. Pump-mounting.....	874,115	Dec. 17	3733	785	131	1828
Pennell, Thomas C. (See Gardner, Grosjean, and Pennell.)						
Penney, Albert E. (See Hippisley, James, assignor.)						
Penney, Harry E., Columbus, Ohio. Copy-holder.....	870,991	Nov. 12	1797	489-90	131	612
Penney, William L., Walpole, assignor to C. S. Bird, East Walpole, Mass. Fabric-shipping package.....	852,397	Apr. 30	7412	1555	127	3609
Pennick, James E., and J. O. Hale, Topeka, Kans. Portable placer-mining machine.....	855,200	May 28	5710	1188-9	128	1555
Pennick, John H., Shawnee county, Kans. Interchangeable railway time-table and bulletin-board.....	860,323	July 16	3084	843	129	1084
Pennie, John C., et al. (See De Schweinitz, Emil A., assignor.)						
Pennie, John C. (See Myers, George F., assignor.)						
Pennington, Edward J., New York, N. Y. Ignition-plug for hydrocarbon-motors or explosion-engines.....	870,902	Nov. 12	1644	451	131	564
Pennington, Lawrence W., Worcester, Mass. Alarm apparatus.....	872,581	Dec. 3	564	117	131	1254
Pennock, John D., Syracuse, N. Y., assignor to Solvay Process Company. Making sodium sulfate.....	870,746	Nov. 12	1406	380	131	488
Pennsylvania Iron Works Company. (See Sintz, Clark, assignor.)						
Pennsylvania Steel Company. (See Alden, Charles A., assignor.)						
Pennsylvania Steel Company. (See Henderson, William M., assignor.)						
Pennsylvania Steel Company. (See Lewis, Edward, assignor.)						
Pennsylvania Steel Company. (See Long, Malcolm W., assignor.)						
Pennsylvania Steel Company. (See Long and Hoffer, assignors.)						
Pennsylvania Steel Company. (See Smith, Clement G., assignor.)						
Penny, Hiram D., New Castle, Colo. Copy-holder.....	862,993	Aug. 13	1434	390-1	129	2559
Penny, James A. (See Sowash, William H., assignor.)						
Pentecost, Arthur, assignor to Pike Adding Machine Company, East Orange, N. J. Attachment for adding-machines.....	856,905	June 11	2850	595-6	128	2447
Pepe, Phillip. (See Rulli and Pepe.)						
Peplow, John W., Long Island City, N. Y. Cross-tie.....	850,542	Apr. 16	3703	774	127	2608
Peppard, Arbor Vita, San Luis Potosi, Mexico. Car journal-box.....	850,047	Apr. 9	2737	574	127	2316
Pepper, John, Jr., Utica, N. Y. Fish-reel.....	841,890	Jan. 22	4226	910-11	126	1197
Pepper, John, Jr., Utica, N. Y. Reel.....	841,891	Jan. 22	4230	911	126	1198
Pepple, John W., Hillsboro, Tex. Mail-pouch catcher.....	874,234	Dec. 17	3972	838	131	1869
Peppler, John G., Weehawken, N. J. Post-card envelop.....	868,804	Oct. 22	2531	697	130	2159
Peppler, Nelson H. (See Morse, Orson A., assignor.)						
Pequegnat, Edward L. and F. A. and C. W. Milan, Riverside, Cal. Motor-cycle.....	841,434	Jan. 15	3299	713	126	927
Pequegnat, Frank A. (See Pequegnat and Milan.)						
Perbulia, John, et al. (See Elliott, John, assignor.)						
Percival, Herbert E., Galveston, Tex., assignor of one-half to B. W. Key, Woodward, Okla. Rail-fastening.....	874,535	Dec. 24	4588	962	131	1999
Percy, Harry C., Natchitoches, La. Range-finder.....	848,567	Mar. 26	5700	1247	127	1523
Percy, Harry C., Natchitoches, La. Freight-car door.....	860,245	July 16	2967	810-11	129	1045
Percy, William R. (See Taylor, David, Jr., assignor.)						
Perdue, James M., Matthews, Ga. Marking attachment for plows.....	845,573	Feb. 26	5655	1199	126	3312
Peredo, Agustin S., Coatepec, Mexico. Clock.....	859,690	July 9	2123	573	129	740
Peregrine, Oren M., McCoyshburg, Ind. Mail catcher and crane.....	874,116	Dec. 17	3735	785-6	131	1828
Peregrine, Seymour W., Portland, Me. Carbureter.....	862,196	Aug. 6	138	38	129	2127
Peregrine, Seymour W., Portland, Me. Automatic valve.....	875,101	Dec. 31	5728	1194	131	2209
Perez, Miguel, Chicago, Ill. Toy.....	857,198	June 18	3431	723	128	2635
Perez, Miguel, Chicago, Ill. Non-refillable bottle.....	863,631	Aug. 20	2419	665	129	2900
Perfect Sliding Door Company. (See Egge, Frederick, assignor.)						
Perfect Sliding Door Company. (See Laughlin and Schuyler, assignors.)						
Perfect Sliding Door Company. (See Schuyler, Daniel, assignor.)						
Perfect Sliding Door Company. (See Schuyler and Laughlin, assignors.)						
Perfect Self-Lighting Mantle Company. (See Mayer, Frederic W., assignor.)						
Perfection Churn Company. (See Kaplan, Godfrey J., assignor.)						
Perfection Mop and Clothes Rack Co. (See Slusser, Harry L., assignor.)						
Perfection Tube Cleaner Company. (See Canales, Frank W., assignor.)						
Perham, Charles F., Lowell, Mass. Loom.....	841,432	Jan. 15	3296	712	126	927
Perham, Charles F., Lowell, Mass. Shuttle-changing mechanism for looms.....	860,567	July 16	3445	946-7	129	1203

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Perham, Charles F., Lowell, assignor to Perham-Stickney Company, Tewksbury, Mass. Weft-replenishing mechanism for looms.....	860,566	July 16	3443	945-6	129	1202
Perham-Stickney Company. (See Perham, Charles F., assignor.)						
Perini, Victorio A. de, Rio de Janeiro, Brazil. Fiber-separating machine.....	870,838	Nov. 12	1541	423	131	532
Perkin, William H., Jr., assignor of one-half to Whipp Brothers & Tod Limited, Manchester, England. Fireproofing textile material.....	844,042	Feb. 12	2349	.....	126	2413
Perkin, William H., Jr., assignor of one-half to Whipp Brothers & Tod, Limited, Manchester, England. Fireproofing textile materials.....	856,906	June 11	2855	.....	128	2449
Perkins, Arthur J., assignor to one-half to S. H. Howland, Springfield, Mass. Hanger-support for concrete ceilings.....	850,097	Apr. 9	2842	595	127	2344
Perkins, Charles E., <i>et al.</i> (See Perkins, Harry J., assignor.) (Reissue.)						
Perkins, Charles G. (See Clark, Charles A., assignor.)						
Perkins Corporation. (See Crandall, Nathan W., assignor.)						
Perkins, Elbert G., assignor of one-half to A. R. Polsky, Vallejo, Cal. Safety rubber heel.....	839,886	Jan. 1	168	38	126	48
Perkins Electric Switch Manufacturing Company. (See Goodridge, Gilbert W., assignor.)						
Perkins Electric Switch Manufacturing Company. (See Peterson, Johann G., assignor.)						
Perkins, Franklin J. (See Rood and Perkins.)						
Perkins, Frederick L., <i>et al.</i> (See Perkins, Harry J., assignor.) (Reissue.)						
Perkins, George E., assignor of three-fourths to O. D. Maloney and P. D. Ransom, Atkinson, and A. Burrall, Rock Island, Ill. Combined mail-bag catcher and deliverer.....	853,472	May 14	2218	462	128	601
Perkins, Harry J., assignor of two-thirds to F. L. and C. E. Perkins, Grand Rapids, Mich. Propeller-wheel. (Reissue.)	12,665	June 25	5742	1223-4	128	3255
Perkins, Henry, Casey, Ill. Nose-ring for animals.....	861,480	July 30	4918	1350	129	1744
Perkins, John H. (See Berry, Benjamin W., assignor.)						
Perkins, John H., Nacogdoches, Tex. Loose-leaf binder.....	861,050	July 23	4225	1157	129	1487
Perkins, John L., Holyoke, Mass. Calendaring-roll.....	861,888	July 30	5536	1527	129	1934
Perkins, John L., and J. O. Stanley, Holyoke, Mass. Machine for reducing rags or paper.....	864,552	Aug. 27	3839	1064	129	3373
Perkins, John L., and J. O. Stanley, assignors to B. F. Perkins and Son, Incorporated, Holyoke, Mass. Paper-slitting machine.....	856,984	June 11	3000	630	128	2485
Perkins, Joseph M., Memphis, Tenn. Construction of brick pavements.....	862,012	July 30	5712	1585	129	1988
Perkins, Josiah P., Indianapolis, Ind. Fluid-agitator.....	849,083	Apr. 2	940	192	127	1827
Perkins, Julian L., Springfield, Mass. Trolley catcher and retriever.....	862,934	Aug. 13	1347	368-9	129	2533
Perkins, Julian L., West Springfield, Mass. Paper-clip.....	864,254	Aug. 27	3349	928-9	129	3218
Perkins, Julius A., Omaha, Nebr., assignor, by mesne assignments, to United States Roller Bearing Company, Jersey City, N. J. Roller-bearing.....	856,291	June 11	1650	343	128	2145
Perkins, Julius A., Omaha, Nebr., assignor, by mesne assignments, to United States Roller Bearing Company, Jersey City, N. J. Roller-bearing.....	859,245	July 9	1440	383	129	519
Perkins, Luther M., Tacoma, Wash. Trolley-pole retriever.....	875,596	Dec. 31	6688	1398	131	2367
Perkins, Martin W., Battle Creek, Mich. Blackboard-eraser.....	873,327	Dec. 10	2124	443	131	1534
Perkins, Orlandow S., Newbern, N. C. Compound tool and tool-holder.....	844,043	Feb. 12	2349	503	126	2413
Perkins, Thomas B. (See Helmick and Perkins.)						
Perkins, Walter G., San Francisco, Cal. Desulfurizing and subsequent smelting.....	852,612	May 7	478	88	128	126
Perkins, Walter G., San Francisco, Cal. Smelting-furnace.....	852,613	May 7	481	89	128	127
Perkins, Walter G., and T. Cox, Jr., San Francisco, Cal. Agglomerating minerals.....	852,611	May 7	477	.....	128	126
Perkins, Walter H., assignor to Waterbury Mfg. Co., Waterbury, Conn. Tooth-powder box.....	857,414	June 18	3821	810	128	2733
Perkins, William H., assignor to Waterbury Mfg. Co., Waterbury, Conn. Parasol-top.....	857,665	June 25	4313	911	128	2888
Perkins, William A., Charlottesville, Va. Knockdown crate.....	870,122	Nov. 5	387	108	131	129
Perkins, William L., and S. W. Jenney, Barre, Vt. Self-oiling bushing.....	851,958	Apr. 30	6547	1364	127	3393
Perks, Albert J., assignor to Champion Chemical Company, Springfield, Ohio. Metallic burial-vault.....	866,214	Sept. 17	2267	632	130	769
Perks, James H., <i>et al.</i> (See Ives, Ernest C., assignor.)						
Perks Thomas, <i>et al.</i> (See Ives, Ernest C., assignor.)						
Perks, Thomas, assignor to George Hattersley and Sons Limited, Keighley, England. Warp stop mechanism.....	853,519	May 14	2317	481-3	128	629
Perrin & Hirschfeld. (See Wertheim, Ludwig, assignor.)						
Permutation Lock and Novelty Manufacturing Company. (See Quaintance, Elsworth E., assignor.)						
Perolin Company of America. (See Singer, Berthold, assignor.)						
Perreault, Moses, New Bedford, Mass. Loom.....	865,122	Sept. 3	551	154	130	167
Perrella, Nicholas, New York, N. Y. Electric soldering-tool.....	859,578	July 9	1951	526	129	685
Perry, Edward J., Chamois, assignor of one-half to V. and A. Gaume, Crook, Mo. Gun-stock.....	853,933	May 14	3186	653	128	847
Perrin, Alfred, Grenoble, France. Transmission of signals.....	849,919	Apr. 9	2540	525-6	127	2271
Perrin, Joseph, Cours, France. Drawing apparatus for spinning short-stapled fibers.....	849,812	Apr. 9	2333	479	127	2218
Perrin, William R., Chicago, Ill. Retaining-rack for meat-hooks.....	862,505	Aug. 6	679	184	129	2298
Perrine, George, <i>et al.</i> (See Beach, Elmer R., assignor.)						
Perring, Ira O., assignor to Life-Saving Folding Canvas Boat Company, Kalamazoo, Mich. Foldable or collapsible boat.....	842,908	Feb. 5	128	30	126	1821
Perrins Limited. (See Beck, Arthur E., assignor.)						
Perritt, William J., Rogers, Ark. Grocery-cabinet.....	870,196	Nov. 5	509	139-40	131	166
Perruchon, Georges, Eprenay, France. Elastic wheel.....	856,100	June 4	1236	260	128	2004
Perry, Albert S., Yukon, Okla. Ter. Telephone attachment.....	864,332	Aug. 27	3462	964	129	3252
Perry, Alonzo H., Kinloch Park, Mo. Water-wheel.....	857,482	June 18	3955	841	128	2766
Perry, Charles B., Herkimer, N. Y. Type-writer cabinet.....	846,243	Mar. 5	1048	225	127	267
Perry, Charles E., and L. Bossing, Marion, and C. A. Farmer, Columbus, Ohio. Composition for coating meat.....	846,861	Mar. 12	2303	.....	127	616
Perry, Dilworth B. (See Deputy, Elijah E., assignor.)						
Perry, Edgar, Caribou, Me. Sleigh running-gear.....	862,013	July 30	5713	1585	129	1988
Perry, Edward L., Paterson, N. J. Packing or gasket.....	854,234	May 21	3801	784	128	1043
Perry, Edward L., Sr., and Edward L., Jr., Paterson, N. J. Bellows-fold coupling for vestibule-cars.....	843,233	Feb. 5	813	167	126	2000
Perry, George E. (See Jones and Perry.)						
Perry, George E., Jersey City, N. J. Center for dividers.....	841,713	Jan. 22	3851	837	126	1102
Perry, Herbert W., Trichinopoly, India. Permanent-way rail.....	857,199	June 18	3432	724	128	2635
Perry, Howard B., Wakefield, R. I. Easel.....	841,843	Jan. 15	3297	712	126	927
Perry, Hubert M., Joliet, assignor to H. D. Laughlin, Chicago, Ill. Side bearing for cars.....	846,608	Mar. 12	1819	400	127	493
Perry, Hubert M., assignor to H. D. Laughlin, Chicago, Ill. Side bearing for cars.....	846,609	Mar. 12	1820	400	127	493
Perry, Hubert M., assignor to H. D. Laughlin, Chicago, Ill. Side bearing for cars.....	846,610	Mar. 12	1823	400-1	127	494
Perry, Ira D. (See Weir, Perry, and Merckens.)						
Perry, James A., Burgaw, N. C. Log-cart.....	854,601	May 21	4467	930-1	128	1210
Perry, James L., assignor to H. B. Smith Machine Company, Smithville, N. J. Carrier for sandpapering-machines.....	874,915	Dec. 24	5349	1118	131	2123
Perry, Jere D., Lincoln, Me. Car-stake.....	870,123	Nov. 5	389	108	131	130
Perry, John C., Corte Madera, assignor of one-half to J. U. Hastings, Hayward, Cal. Paint compound.....	858,824	July 2	815	129	282

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Perry, Joseph, Providence, R. I. Curtain-pole.	841,044	Jan. 8	2514	549	126	684
Perry, Manville E., assignor of one-half to E. L. Moore, Philadelphia, Pa. Metal-ceiling construction.	870,382	Nov. 5	825	218	131	271
Perry, Milo B., assignor of one-half to G. Eck, Chicago, Ill. Soap-dispenser.	863,213	Aug. 13	1795	482	129	2676
Perry, Reuben W., Stoneham, Mass., assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich. Last.	845,705	Feb. 26	5924	1251	126	3379
Perry, Safford G., New York, N. Y. Dental plugger.	842,112	Jan. 22	4638	995	126	1295
Perry Time Stamp Company. (See Jones and Perry, assignors.)						
Perry, Watson E., Warrensburg, N. Y. Attachment for draft-harness.	869,803	Oct. 29	4085	1128	130	2661
Perry, Willard J., Weyauwega, Wis. Portable oven.	871,819	Nov. 26	3487	854	131	965
Perry, William C., Charlestown, R. I. Singeing and winding machine.	867,297	Oct. 1	103	32	130	1345
Perry, William C., Charlestown, R. I. Winding-machine.	867,298	Oct. 1	106	32-3	130	1346
Perry, William H., Concord, N. H. Chimney-flue cleaner.	872,080	Nov. 26	4096	981	131	1054
Persen, Ole, Fortuna, Cal. Fruit-juice extractor.	870,124	Nov. 5	390	109	131	1064
Person, Charles J., St. Joseph, Mo. Belt-lacer's tool.	852,614	May 7	483	89	128	127
Person, William, Rockford, Ill., assignor to Davis Sewing Machine Company, Dayton, Ohio. Automatic lift and drop sewing-machine cabinet. (Reissue).	12,706	Oct. 22	3151	869	130	2351
Persson, Gottfrid, Elgin, Tex. Listing-plow.	866,679	Sept. 24	2957	837	130	1015
Peru Common Battery Lock-Out Telephone Company. (See Boone, Mark P., assignor.)						
Peru Plow & Wheel Company. (See Paul, William L., assignor.)						
Pervenko, Wassily, St. Petersburg, Russia. Locomotive-truck.	867,835	Oct. 8	930	265	130	1617
Pestalozzi, Heinrich T., Zurich, Switzerland. Device for cross-weaving.	852,520	May 7	280	52	128	76
Pester, Max E., Glen Cove, N. Y. Submarine structure.	845,813	Mar. 5	156	30	127	43
Peteler, Charles B., assignor to Kilgore-Peteler Company, Minneapolis, Minn. Dumping-car.	866,512	Sept. 17	2690	752	130	904
Peteler, Francis, Minneapolis, Minn. Dumping-car.	842,008	Jan. 22	4448	957	126	1250
Peter, George W., St. Louis, Mo. Combination elevator-truck.	846,137	Mar. 5	863	180-1	127	219
Peter Spence & Sons. (See Spence and Ockel, assignors.)	853,896	May 14	3102	636	128	826
Petermüller, Franz J., Brunswick, Germany. Valve-motion for explosive-engines.	861,889	July 30	5537	1528	129	1934
Peters, Charles R., Monterey, Cal. Camp-broiler.	842,695	Jan. 29	5952	1254	126	1665
Peters, Edward, Hamilton, Ontario, Canada. Combination bed and table.	845,117	Feb. 26	4775	1013	126	3095
Peters, Edwin T., Lincoln, Nebr. Bicycle.	853,112	May 7	1494	312	128	377
Peters, Eugene H., Benton Harbor, Mich. Harrow.	839,887	Jan. 1	169	38-9	126	48
Peters, Frank M., Chicago, Ill. Sugar-wafer machine.	864,028	Aug. 20	2991	827	129	3078
Peters, Frank M., Chicago, Ill. Machine for forming carton-blanks.	865,523	Sept. 10	1198	341-3	130	394
Peters, Frank M., and H. H. Hungerford, Chicago, Ill.; said Hungerford assignor to said Peters. Atmosphere-regulating system.	843,909	Feb. 12	2111	452	126	2355
Peters, Frank M., and H. H. Hungerford, Chicago, Ill.; said Hungerford assignor to said Peters. Machine for folding and tucking cartons and the like.	860,764	July 23	3771	1034-6	129	1340
Peters, Frederick J., Milwaukee, Wis. Sandpaper-holder.	842,579	Jan. 29	5670	1199	126	1565
Peters, George M., St. Louis, Mo. Safety device for elevators.	864,029	Aug. 20	2993	828	129	3079
Peters, Jacob, and E. H. N. Clarkson, Baltimore, Md. Machine for framing timbers.	869,646	Oct. 29	3856	1055	130	2594
Peters, John, Milan, Italy. Metal wall for buildings, masonry-work, and the like.	853,261	May 14	1797	374	128	487
Peters, Robert D., Knox, Ind. Railway-signal.	869,196	Oct. 22	3111	857	130	2338
Peters, Robert H., Buffalo, N. Y. Maternity-skirt.	873,167	Dec. 10	1797	377	131	1481
Peters, Rudolf, Heidelberg, Germany. Utilizing waste ends of carbons for arc-lamps.	845,256	Feb. 26	5036		126	3160
Peters, Walter D., Minneapolis, Minn. Head-truss.	841,714	Jan. 22	3852	837	126	1102
Peters, Walter H., Elmhurst, Ill. Fender.	872,449	Dec. 3	270	55-6	131	1211
Peters, William, Peoria, Ill. Elevating apparatus.	861,534	July 30	4989	1370-1	129	1768
Peters, William H., assignor, by mesne assignments, to Jaeger Machine Company, Columbus, Ohio. Machine for mixing materials for concrete.	864,386	Aug. 27	3543	985	129	3277
Peters, Willy, Düsseldorf, Germany. Dye-jigger.	866,058	Sept. 17	2047	571-2	130	699
Petersen, Henning, Thief River Falls, Minn. Clamp or grip.	858,018	June 25	5061	1071	128	3075
Petersen, John M., et al. (See Coar, Charles H., assignor.)						
Petersen, Peter, Chicago, Ill. Agricultural implement.	851,959	Apr. 30	6548	1364	127	3394
Petersen, Peter C. (See Ross, Lewis G., assignor.)						
Petersen, Richard N. B., Mankato, Minn. Reversible chair-seat.	858,209	June 25	5429	1158-9	128	3171
Petersen, William. (See Schofield, Silas C., assignor.)						
Petersen, William, Benton county, Iowa. Fence-post.	848,847	Apr. 2	503	98	127	1716
Peterson, Alfred, assignor of one-fourth to F. J. Dunst, Denver, Colo. Crimping attachment for ruling-machines.	874,987	Dec. 31	5505	1149-50	131	2172
Peterson, Andrew, Lamont, Okla. Ter. Change-making machine and cash-register.	861,316	July 30	4640	1268-70	129	1660
Peterson, Anton, et al. (See Stenstrom, John P., assignor.)						
Peterson, Arne T., Racine, Wis. Pencil-sharpener.	873,079	Dec. 10	1632	340	131	1454
Peterson, August W., Highwood, Ill. Strapping-machine.	869,981	Nov. 5	152	42	131	50
Peterson, Bernhard, Cranston, assignor to Geo. Becker & Co., Providence, R. I. Brace-let.	840,864	Jan. 8	2148	475	126	589
Peterson, Burt A., Chicago, Ill. Blank-feed mechanism.	866,160	Sept. 17	2193	611	130	746
Peterson, C. (See Houle and Konkle, assignors.)						
Peterson, Carl E., Newark, N. J. Clasp.	875,102	Dec. 31	5729	1194	131	2209
Peterson, Charles F., Schenectady, N. Y., assignor to General Electric Company. Insulated coil.	873,780	Dec. 17	3006	638	131	1719
Peterson, Emil A. (See Fannon and Peterson.)						
Peterson, Emil A., Appleton, Wis. Grinding-machine.	843,964	Feb. 12	2213	473	126	2381
Peterson, Emil A., assignor of two-thirds to Valley Iron Works Company, Appleton, Wis. Flushing device for rag-engine vats.	843,965	Feb. 12	2214	474	126	2382
Peterson, Emmett L., Willacoochee, Ga. Standard for cars.	868,805	Oct. 22	2532	697	130	2159
Peterson, Erick H., Philadelphia, Pa. Adjustable chart.	851,374	Apr. 23	5342	1120	127	3057
Peterson, Frank J. (See Santen, George, assignor.)						
Peterson, Franklin C. (See Butler and Peterson.)						
Peterson, Frederick A., Jamestown, N. Y. Water-closet bowl and cleaner.	872,746	Dec. 3	900	187	131	1309
Peterson, George W., Leonardville, Kans. Trunk.	854,602	May 21	4469	931	128	1211
Peterson, Gustave R., and W. E. Moen, Red Jacket, Mich. Twine-cutter.	847,812	Mar. 19	4238	928	127	1123
Peterson, Jacob C., Bessemer, Ala. Grappling-hook.	868,120	Oct. 15	1424	400	130	1791
Peterson, James, Glenrock, Nebr. Grain elevator and dump.	856,545	June 11	2176	448-9	128	2278
Peterson, Jay P. (See Lash, Levi, assignor.)						
Peterson, Jesse. (See Baker, William H., assignor.)						
Peterson, Johann G., assignor to Perkins Electric Switch Manufacturing Company, Bridgeport, Conn. Attachment-plug.	844,044	Feb. 12	2350	503	126	2414
Peterson, Johann G., assignor to Perkins Electric Switch Manufacturing Company, Bridgeport, Conn. Handle for rotary snap-switches.	875,376	Dec. 31	6266	1307	131	2297
Peterson, Johann G., assignor to Bryant Electric Company, Bridgeport, Conn. Incandescent-lamp socket.	844,829	Feb. 19	4209	897-8	126	2911
Peterson, John, St. Paul, Minn. Hay and manure gatherer and loader.	858,533	July 2	287	71-2	129	102

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Peterson, John, New York, N. Y. Valve	865,798	Sept. 10	1617	458	130	525
Peterson, John H. N., assignor of one-half to J. W. Fleegle, Bourne, Oreg. Door-securer.	860,324	July 16	3085	844	129	1084
Peterson, John H. N., assignor of one-half to J. W. Fleegle, Bourne, Oreg. Door-securer.	866,161	Sept. 17	2194	611	130	746
Peterson, John N., Hazelton, N. D. Compound tool	853,520	May 14	2321	483	128	629
Peterson, John O., Walnut Grove, Minn. Draft-equalizer	863,436	Aug. 13	2112	569	129	2775
Peterson, Lars A., Stockholm, Sweden. Loose handle for vessels.	870,839	Nov. 12	1543	423-4	131	532
Peterson, Nels, <i>et al.</i> (See Heisler, John T., assignor.)						
Peterson, Nels P., Jewell, Iowa. Whiffletree	845,663	Feb. 26	5848	1235	126	3359
Peterson, Olaus G., Dallas, Wis. Tally for pool-tables	853,029	May 7	1357	282	128	345
Peterson, Ole, Duluth, Minn. Propeller	867,595	Oct. 8	573	161	130	1508
Peterson, Otto N., Minneapolis, Minn. Calf-weaner	863,043	Aug. 13	1511	410	129	2585
Peterson, P. (See Cornish, Harry B., assignor.)						
Peterson, Paul, Fairmont, Minn. Garden-rake attachment	863,632	Aug. 20	2420	665	129	2901
Peterson, Per A., New York, N. Y. Oscillating propeller	852,521	May 7	282	52	128	77
Peterson, Peter A., and J. M. Haines, Cedar Rapids, Iowa. Horse-detacher	873,592	Dec. 10	2631	554	131	1623
Peterson, Peter E., Milford, N. H. Gas-burner	842,334	Jan. 29	5136	1092	126	1456
Peterson, William L., Chicago, Ill., assignor to American Metal Edge Box Company, Philadelphia, Pa. Feed mechanism for machines for applying stay-strips	866,059	Sept. 17	2051	572	130	701
Pettersson, Albert J., Alby, Sweden. Electrically reducing oxid ores	858,621	July 2	451	118	129	158
Pettersson, Albert J., Alby, Sweden. Carrying out metallurgical reduction and melting processes	858,622	July 2	453	118	129	158
Pettersson, Albert J., Alby, Sweden. Continuously producing carbid from lime and carbon	858,623	July 2	455	118	129	158
Pettersson, Albert J., Alby, Sweden. Charging electric furnaces for producing carbid from lime and carbon	863,044	Aug. 13	1512	410-11	129	2585
Petig, Gustav. (See Kuhs and Petig.)						
Petmecky, Fred, Austin, Tex. Hunting or shooting garment	849,266	Apr. 2	1301	264	127	1920
Petmecky, Fred, Austin, Tex. Lining for pneumatic tires and other pneumatic articles	852,198	Apr. 30	7036	1469	127	3517
Petmecky, Fred, Austin, Tex., assignor to H. F. Thompson, New York, N. Y. Needle for graphophones and the like	849,425	Apr. 9	1603	324	127	2034
Petre, Louis J. (See Ayers, Alden F., assignor.)						
Petri, Gunther H., Boston, Mass. Forming-machine	854,308	May 21	3924	809-10	128	1076
Petri, Otto, Stuttgart, Germany. Reversible transmission-gear	850,247	Apr. 16	3140	657	127	2461
Petri-Palmedo, David, Hoboken, N. J., assignor to Mergenthaler Linotype Company. Logotype-machine	848,318	Mar. 26	5228	1141-2	127	1407
Petrie, Amos S., Pittsburg, Pa. Railway-tie	858,534	July 2	290	72	129	103
Petrie, Charles, St. Johns, Newfoundland. Cable-cutting device	843,359	Feb. 5	1059	219	126	2057
Petrie, Charles, St. Johns, Newfoundland. Hawse-pipe	846,244	Mar. 5	1050	225	127	267
Petrie, Daniel C., Biloxi, Miss. Fence-post	848,921	Apr. 2	642	129	127	1752
Petrie, Peter C., New York, N. Y. Life-raft	850,847	Apr. 16	4297	902-3	127	2757
Petrikin, Charles L., Muncy, Pa. Attachment for grinding centers	846,245	Mar. 5	1051	226	127	267
Petropulas, George P., Chicago, Ill. Water-cooler	858,110	June 25	5235	1110	128	3122
Petroskey, John H., assignor to Ideal Register and Metallic Furniture Company, Detroit, Mich. Metallic chair	873,265	Dec. 10	1977	414	131	1512
Petrovics, Max, New York, N. Y. Lock for swing-sashes	848,393	Mar. 26	5369	1170	127	1439
Petryl, August. (See Jamison and Petryl.)						
Petrusch, John V., San Francisco, Cal. Adjustable sign	841,174	Jan. 15	2790	609	126	798
Petrusch, John V., Chicago, Ill. Extension-plane	869,016	Oct. 22	5247	784-5	130	2256
Petsche, Gustav B., assignor to Southwark Foundry & Machine Company, Philadelphia, Pa. Pump	850,178	Apr. 16	3011	630-1	127	2426
Petsche, Gustav B., assignor to Southwark Foundry & Machine Company, Philadelphia, Pa. Pump	850,248	Apr. 16	3141	657	127	2462
Petsche, Gustav B., assignor to Southwark Foundry and Machine Company, Philadelphia, Pa. Valve-actuating mechanism	859,331	July 9	1584	420	129	566
Petsche, Gustav B., assignor to Southwark Foundry & Machine Company, Philadelphia, Pa. Admission-valve for gas-engines	870,125	Nov. 5	391	109	131	130
Pettee, Jane E., New York, N. Y. Holder for nursing-bottles	871,622	Nov. 19	3092	768	131	872
Pettengill, George M., Haverhill, Mass. Heel-nailing machine	861,051	July 23	4226	1157-8	129	1487
Petter, Adolph J., Los Angeles, Cal. Ore crusher and pulverizer	859,835	July 9	2330	633	129	809
Petterson, Erik S., and B. F. Newsome, Leavenworth, Kans. Emergency clamp rail-brake	856,907	June 11	2856	596-7	128	2449
Petterson, Gustaf E., Pine Bluff, Ark. Horse-releaser	863,437	Aug. 13	2113	569-70	129	2775
Petterson, Gustaf E., Pine Bluff, Ark. Hose-coupling	873,892	Dec. 17	3236	690	131	1756
Petterson, Hugo, Mount Vernon, Ohio. Pole	843,171	Feb. 5	678	142	126	1965
Petterson, Olof G., Worcester, and J. J. Rae, assignors to C. Smith, Cherry Valley, Mass. Feeder for intermediate cards	844,741	Feb. 19	4034	859-60	126	2864
Petterson, Simon G., Pine Bluff, Ark. Rail-fastener	875,100	Dec. 31	5727	1193-4	131	2209
Petty, John O., assignor to National Sewing Machine Co., Belvidere, Ill. Machine for grooving needles	847,686	Mar. 19	3962	864-7	127	1061
Pettibone, Edward F., Los Angeles, Cal. Mop and cloth wringer	870,463	Nov. 5	936	255	131	305
Pettibone, Hawley. (See Loomis and Pettibone.)						
Pettibone, Mulliken & Co. (See Strom, Axel A., assignor.)						
Pettijohn, John W., Montezano, Wash. Latch	855,662	June 4	415	87	128	1800
Pettis, William S., Jr., Pass Christian, Miss. Fishing-float	844,182	Feb. 12	2611	559	126	2478
Pettit, Lafayette M., Cripple Creek, Colo. Boiler-cleaner	858,304	June 25	5591	1196	128	3211
Pettit, Silas W. (See Ernst, Charles A., assignor.)						
Pettit, Silas W. (See Waddell, Montgomery, assignor.)						
Pettit, Silas W. (See Waite, Charles N., assignor.)						
Petty, Milton E., Chicago, Ill. Locomotive-tender	870,840	Nov. 12	1544	424	131	532
Petty, Otis O., Olney, Ill. Weed-cutter	842,420	Jan. 29	5341	1132	126	1514
Pettygrove, George L., Berkeley, assignor of one-half to C. E. Loofbourrow, Oakland, Cal. Semaphore safety-alarm	872,843	Dec. 3	1108	232	131	1340
Petzold, Bernhard, <i>et al.</i> (See Keller, Frederick, assignor.)						
Pevear, Jesse S. (See Frank and Pevear.)						
Pew, Frederick W., Buffalo, N. Y. Lifter or holder	842,909	Feb. 5	135	30	126	1825
Peyton, William W., Carlisle, Ark. Shoe-dauber	856,908	June 11	2858	597	128	2449
Pfaadt, Louis E. (See Seibert, Jacob O. M., assignor.)						
Pfah, John, Pittsburg, Pa. Bung and cork extractor	844,396	Feb. 19	3091	664	126	2637
Pfaff, Richard, Zurich, Switzerland. Bottling-machine	852,977	May 7	1250	257	128	318
Pfalggraf, Charles F., Baltimore, Md. Sheet-metal handle	869,071	Oct. 22	2848	735	130	2256
Pfänder, Otto, Brussels, Belgium. Tension device	844,892	Feb. 19	4329	923	126	2940
Pfänder, Otto, Brussels, Belgium. Gear-case for motor-vehicles, &c.	845,814	Mar. 5	157	30-1	127	43
Pfanstiehl, Carl A., Highland Park, assignor to Pfanstiehl Electrical Laboratory, North Chicago, Ill. Induction-coil unit	862,506	Aug. 6	680	184	129	2298
Pfanstiehl, Carl A., Highland Park, assignor to Pfanstiehl Electrical Laboratory, North Chicago, Ill. Apparatus for winding induction-coils	862,935	Aug. 13	1350	369	129	2534

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Pfanstiehl Electrical Laboratory. (See Pfanstiehl, Carl A., assignor.)						
Pfatischer, Mathias, assignor to R. Thayer, Philadelphia, Pa. Electrically-propelled vehicle.	840,865	Jan. 8	2149	475	126	589
Pfatischer, Mathias, assignor to R. Thayer, Philadelphia, Pa. Electrically-propelled vehicle.	840,866	Jan. 8	2152	476	126	590
Pfatischer, Mathias, Philadelphia, Pa., assignor to Electro Dynamic Company, New York, N. Y. Dynamo-electric machine.	869,102	Oct. 22	2974	821-2	130	2296
Pfatischer, Mathias, Philadelphia, Pa., assignor to Electro Dynamic Company, New York, N. Y. Dynamo-electric machine.	870,313	Nov. 5	691	186-7	131	226
Pfau, Charles, assignor to Pfau Manufacturing Company, Cincinnati, Ohio. Water-closet-tank valve.	859,973	July 16	2546	692	129	906
Pfau Manufacturing Company. (See Pfau, Charles, assignor.)						
Pfaudler Company. (See Paige, David O., assignor.)						
Pfautz, Daniel M., Germantown, assignor of one-half to W. H. Tigerman, Philadelphia, Pa. Elevated-railway system.	840,801	Jan. 8	2028	448	126	560
Pfautz, Daniel M., Germantown, assignor of one-half to W. H. Tigerman, Philadelphia, Pa. Swivel-truck for electrically-propelled cars.	841,435	Jan. 15	3300	713	126	928
Pfautz, Daniel M., Germantown, assignor of one-half to W. H. Tigerman, Philadelphia, Pa. Switch for elevated-railway structures with suspended cars.	841,436	Jan. 15	3301	713-14	126	928
Pfautz, Daniel M., Germantown, assignor of one-half to W. H. Tigerman, Philadelphia, Pa. Crossing for elevated-railway structures with suspended cars.	841,437	Jan. 15	3303	714	126	929
Pfautz, Daniel M., Germantown, assignor of one-half to W. H. Tigerman, Philadelphia, Pa. Adjustable stairway for suspended railway-cars.	841,653	Jan. 15	3718	808	126	1035
Pfeifer, Jacob, Waterloo, Iowa. Sanitary toilet-cabinet.	851,028	Apr. 23	4632	972	127	2881
Pfeifer, August, Carlyle, Ill. Combined sleigh and boat.	861,607	July 30	5110	1404	129	1807
Pfeifer, Franz, Oppelshofen, Germany. Convertible motor-car and self-propelled sledge.	863,633	Aug. 20	2421	665	129	2901
Pfeifer, John. (See Ridgely and Pfeifer.)						
Pfeifer, John, Springfield, Ohio. Cash-indicator.	869,982	Nov. 5	153	42-3	131	51
Pfeiffer, Christian, assignor to North & Pfeiffer Manufacturing Company and L. H. Maxwell, New Britain, Conn. Boot-calk. (Reissue.)	12,644	Apr. 30	7437	1560	127	3616
Pfeiffer, Fredrick C., Philadelphia, Pa., assignor to E. F. Timme & Son, New York, N. Y. Loom for weaving pile fabrics.	862,654	Aug. 6	925	248	129	2370
Pfeiffer, George, Jr., Brown Mills, N. J. Water supply and purification system.	842,696	Jan. 29	5954	1254-5	126	1665
Pfeiffer, George, Jr., Brown Mills, N. J. Well-strainer.	859,836	July 9	2332	633	129	809
Pfeiffer, Oskar, Kaiserslautern, Germany. Grinding-mill.	847,436	Mar. 19	3443	755	127	926
Pfeil, Frederick C., Buffalo, N. Y. Saw-guard.	869,513	Oct. 29	3632	996	130	2526
Pfeil, Frederick C., assignor of one-fourth to E. Sperry, Buffalo, N. Y. Gate-valve.	856,546	June 11	2177	449	128	2278
Pfeil, Robert, Grunewald, assignor to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Electric signal.	856,179	June 4	1402	297	128	2046
Pfeuter, Anton, Landshut-Neustadt, Germany. Sewing-machine.	874,032	Dec. 17	3501	744-6	131	1801
Pfingst Electric Manufacturing Company. (See Pfingst, Louis, assignor.)						
Pfingst, Louis, Boston, Mass., assignor, by mesne assignments, to Pfingst Electric Manufacturing Company, Kittery, Me. Power-brake.	843,625	Feb. 12	1590	336	126	2225
Pfingst, Louis, Boston, Mass., assignor to Pfingst Electric Manufacturing Company, Kittery, Me. Mechanical power-brake.	867,752	June 25	4499	949	128	2935
Pfister, Theophil, New York, N. Y. Making decorative cloisonné designs.	864,387	Aug. 27	3544	985	129	3278
Pflager, Harry M., St. Louis, Mo. Car-underframe.	863,871	Aug. 20	2767	761	129	3011
Pflager, Harry M., assignor to Cast Steel Needle Beam Company, St. Louis, Mo. Needle-beam for railway-cars.	839,952	Jan. 1	307	67	126	85
Pflaum, Nicholas, Pittsburg, Pa. Metallic piston-packing.	840,250	Jan. 1	926	203	126	251
Pfleger, Otto, New York, N. Y., assignor to W. F. Burns Company, Chicago, Ill. Lock for savings-banks.	845,815	Mar. 5	158	31	127	43
Pfleggar, Frank P., New Haven, Conn. Die and pattern making machine.	844,688	Feb. 19	3919	829-30	126	2836
Pfleggar, Frank P., assignor to F. P. Pfleggar & Son, New Haven, Conn. Button.	863,438	Aug. 13	2114	570	129	2775
Pfleggar, Frank P., assignor to F. P. Pfleggar & Son, New Haven, Conn. Button.	867,924	Oct. 8	1077	305	130	1662
Pfleggar & Son, F. P. (See Pfleggar, Frank P., assignor.)						
Pflegghardt, Lewis H., Fayette City, Pa. Curtain-pole.	867,750	Oct. 8	793	224	130	1575
Pfeiderer, Paul. (See Boley and Pfeiderer.)						
Pfeumer, Fritz, Dresden, Germany. Manufacturing elastic fillings for tires.	851,960	Apr. 30	6550	1365	127	3394
Pfueger, Joseph E. (See Llewellyn and Pfueger.)						
Pfueger, Joseph E., assignor to Enterprise Manufacturing Company, Akron, Ohio. Fishing-reel.	866,060	Sept. 17	2053	572	130	702
Pfuger, Anton J., assignor of two-thirds to C. Boetcher and E. H. Kloehn, Brillion, Wis. Check-valve.	867,299	Oct. 1	108	33	130	1347
Pfuger, Florian M., Portland, Oreg., assignor, by mesne assignments, to Kaufmann-Chaplin Manufacturing Company, St. Louis, Mo. Beer-tap.	844,397	Feb. 19	3093	664	126	2637
Pfortner, Gustave A., New York, N. Y. Smoking device.	851,773	Apr. 30	6142	1283	127	3288
Pfoser, Adolf, Achern-Baden, Germany. Flame-furnace.	840,709	Jan. 8	1853	408	126	519
Frost, Harry G., Kansas City, Mo. Fireproof partition.	863,088	Aug. 13	1593	429	129	2611
Fouts, Leroy S., assignor to Miller Pasteurizing Machine Company, Canton, Ohio. Pasteurizing apparatus.	870,841	Nov. 12	1545	424-5	131	533
Pfund, Adolph, Belvidere, Ill. Shock-loader.	844,742	Feb. 19	4037	860-1	126	2864
Pfunder, Emil L., and F. A. Cook, Hartford, Conn., assignors to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	853,562	May 14	2394	499	128	647
Pfundstein, Phillip. (See Odenkirk and Pfundstein.)						
Phair, Arthur W. A. (See Uren and Phair.)						
Phalen, D. T., et al. (See Linton, Ernest O., assignor.)						
Pharis, Mott R. (See Keene and Pharis.)						
Pharr, John K., Catherine, Ala. Canning apparatus.	856,909	June 11	2859	597-8	128	2450
Pharrah, John W., Memphis, Tenn. Ironing apparatus.	856,802	June 11	2668	550	128	2404
Pheasant, William H., assignor of one-half to O. A. Crawford, McClure, Pa. Jar opener and closer.	845,118	Feb. 26	4776	1013	126	3095
Phelan, John M., assignor to Reinforced Concrete Pipe Company, Jackson, Mich. Sewer-pipe.	858,102	June 25	5237	1110	128	3122
Phelan, Stephen D., Okemah, Ind. Ter. Razor-strop protector.	864,107	Aug. 20	3113	861	129	3116
Phelon, Arthur E., Springfield, Mass. Transmission-gear.	848,766	Apr. 2	289	59	127	1661
Phelps, Byron, Seattle, Wash. Lock and latch mechanism.	849,569	Apr. 9	1895	387	127	2107
Phelps, Byron, Seattle, Wash. Lock and latch.	850,179	Apr. 16	3014	631	127	2426
Phelps, Charles, Oskaloosa, Iowa. Furnace-casing.	865,123	Sept. 3	552	154	130	167
Phelps, Charles W., University Place, Nebr. Oil-burner.	856,547	June 11	2179	449	128	2279
Phelps Company. (See Phelps, William J., assignor.)						
Phelps, Frederick A., Newark, N. J., assignor to Atha Tool Company. Automatic hammer-handle-sanding machine.	867,408	Oct. 1	268	79	130	1396
Phelps, George H., assignor to George Frost Company, Boston, Mass. Garter.	843,627	Feb. 12	1595	337	126	2226
Phelps, George L., Chicago, Ill., assignor to International Harvester Company. Grain-binder.	843,626	Feb. 12	1593	336-7	126	2225

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Phelps, George L., Chicago, Ill., assignor to International Harvester Company. Tongue-truck for harvesters.	846,138	Mar. 5	865	181	127	220
Phelps, Herbert L., Chicago, Ill., assignor, by mesne assignments, to Singer Manufacturing Company. Seam-trimmer throat-plate for sewing-machines.	864,797	Sept. 3	52	15	130	19
Phelps, Macy A. (See Smith and Phelps.)						
Phelps, Macy A., assignor to Jackson Cushion Spring Company, Jackson, Mich. Spring-cushion work.	857,666	June 25	4313	911	128	2888
Phelps, Sidney W., Globe Village, assignor of one-fourth to J. A. Hall, Southbridge, Mass. Suspenders.	854,758	May 28	4801	997	128	1324
Phelps, Sidney W., assignor of one-fourth to J. A. Hall, Southbridge, Mass. Skirt and waist buckle.	864,138	Aug. 20	3171	877	129	3134
Phelps, Stephen B., Malvern, Pa. Hasp.	860,411	July 16	3220	887	129	1128
Phelps, Walter F., assignor to Dayton Fan & Motor Co., Dayton, Ohio. Supporting base for electric fans.	863,214	Aug. 13	1795	483	129	2677
Phelps, William J., Detroit, Mich. Safety-fuse.	856,292	June 11	1655	343	128	2146
Phelps, William J., Detroit, Mich. Electric lighting.	859,515	July 9	1842	496	129	650
Phelps, William J., Detroit, Mich. Lamp-holder.	860,325	July 16	3086	844	129	1084
Phelps, William J., assignor to Phelps Company, Detroit, Mich. Electric incandescent lamp and connection therefor.	860,568	July 16	3446	947-8	129	1203
Philadelphia Ornamental Wire Company. (See Wedmore, Daniel A., assignor.)						
Philadelphia Tapestry Mills. (See Zimmerman, John, assignor.)						
Philadelphia Textile Machinery Company. (See Ayres, Elwood B., assignor.)						
Philadelphia Textile Machinery Company. (See Schwartz, Charles W., Jr., assignor.)						
Philadelphia Watch Case Company. (See Derfler, George A., assignor.)						
Philbrick, Charles H., et al. (See Clark, Frank M., assignor.)						
Philbrick, Frank W. (See Wood, Littlefield, and Philbrick.)						
Philbrick, James A., and A. Ray, Anacortes, Wash. Curtain-fixture.	853,113	May 7	1495	312	128	378
Phlie, Joseph E., Woonsocket, R. I. Combination organ stop-action.	867,751	Oct. 8	794	225	130	1575
Philip Carey Manufacturing Company. (See Crabbs and Pendery, assignors.)						
Philip, Ernest R. (See Stollberg and Philip.)						
Philip, Ernest R., Atlanta, Ga., assignor to American Can Company, New York, N. Y. Sheet-metal sap-collecting apron and receptacle.	858,305	June 25	5593	1196	128	3211
Philip, Ernest R., and J. Kohke, Atlanta, Ga., assignors to American Can Company, New York, N. Y. Sheet-metal turpentine-cup or sap-receptacle.	857,900	June 25	4783	1015	128	3004
Philipp, Curt, assignor to Chemische Fabrik von Heyden Aktiengesellschaft, Dresden, Germany. Making camphor from isoborneol.	849,018	Apr. 2	798		127	1790
Philippe, Raoul, Paris, France. Motor.	852,033	Apr. 30	6736	1400	127	3441
Philippi, Alexander F., St. Louis, Mo. Embossing-machine.	859,837	July 9	2333	633-5	129	809
Phillips, Edwin S., assignor to American Road Machine Company, Kennett Square, Pa. Multiple rock-crusher.	873,080	Dec. 10	1635	340	131	1454
Phillips, Edwin S., assignor to American Road Machine Company, Kennett Square, Pa. Rock-crusher.	873,081	Dec. 10	1637	341	131	1455
Phillips, Samuel A., West Elizabeth, Pa. Sawing-machine.	861,890	July 30	5537	1528	129	1934
Phillips, William S. (See Black, Thomas W., assignor.)						
Phillip, Peter, Rogers Park, Ill. Turbine.	853,563	May 14	2398	499-500	128	648
Philippi, Benton N., Wilkinsburg, assignor of one-half to J. F. Rudy, Pittsburg, Pa. Cigar-holder.	858,349	June 25	5686	1216	128	3240
Phillips, Albert E., Scranton, Pa. Plate-lifter.	857,899	June 25	4782	1015	128	3004
Phillips, Benjamin. (See Paine and Winkley, assignors.)						
Phillips, Charles C., Owensboro, Ky. Railway-signal.	855,971	June 4	1027	213	128	1954
Phillips, Charles E., assignor to W. W. Knapp and I. A. Phillips, Indianapolis, Ind. Stamp-canceling machine.	872,010	Nov. 26	3941	949	131	1030
Phillips, Charles H., Maplewood, Mass. Clasp.	854,430	May 21	4150	860	128	1131
Phillips, Charles H., assignor of one-third to G. W. Giddings, Boston, Mass. Drill.	864,756	Aug. 27	4156	1154	129	3469
Phillips, Charlie E., Bremerton, Wash. Vehicle running and propelling gear.	871,623	Nov. 19	3093	768-9	131	872
Phillips, Clarence A., Middlebury, Vt. Plow attachment.	848,848	Apr. 2	504	98	127	1716
Phillips, Darius T., Chicago, Ill. Corn-shock loader.	850,543	Apr. 16	3705	775	127	2609
Phillips, Elwood C., Chicago, Ill. Flue-cleaner.	847,813	Mar. 19	4239	928	127	1123
Phillips, Elwood C., assignor of one-half to A. T. Benson, Chicago, Ill. Automobile-wheel.	848,046	Mar. 26	4727	1031	127	1281
Phillips, Elwood C., assignor of one-half to I. M. Lederer, Chicago, Ill. Barrel.	859,615	July 9	2004	540	129	703
Phillips, Ernest C., et al. (See Fletcher, Elmer, assignor.)						
Phillips, Frederick W. G. (See Estell and Phillips.)						
Phillips, George A., Marion, Ind. Meal-check system.	872,011	Nov. 26	3945	950	131	1031
Phillips, George W., Buena Vista, Va. Steam-boiler furnace.	847,365	Mar. 19	3296	724	127	888
Phillips, Henry. (See Manvers and Phillips.)						
Phillips, Henry, Scranton, Pa. Machine for engraving and die-sinking.	842,697	Jan. 29	5957	1255-7	126	1666
Phillips, Henry J., assignor to Parker Brothers, Incorporated, Salem, Mass. Card-support.	840,459	Jan. 1	1350	299	126	352
Phillips, Hugh J., Washington, D. C. Bicycle attachment.	862,936	Aug. 13	1352	370	129	2534
Phillips, Iva A., et al. (See Phillips, Charles E., assignor.)						
Phillips, John, Philadelphia, Pa. Water-shedding attachment for carriages.	847,814	Mar. 19	4239	928	127	1123
Phillips, John E. (See Park, Samuel T., assignor.)						
Phillips, John F. (See Devine, David R. C., assignor.)						
Phillips, John H., Jr., Jackson, Mich. Pipe-coupling.	862,994	Aug. 13	1436	391-2	129	2560
Phillips, John H., Jr., Jackson, Mich. Pipe or hose coupling.	862,995	Aug. 13	1440	392-3	129	2563
Phillips, John H., Jr., Jackson, Mich. Pipe or hose coupling.	866,061	Sept. 17	2054	573	130	702
Phillips, John H., Jr., Jackson, Mich. Pipe or hose coupling.	867,752	Oct. 8	798	225-6	130	1576
Phillips, John W., Austin, Tex. Portable cotton compress or baling machine.	856,803	June 11	2669	550-1	128	2404
Phillips, John W., Silver City, Nev. Centrifugal separator.	873,593	Dec. 10	2632	554-5	131	1623
Phillips, Joseph, Midland, Ontario, Canada. Lock.	860,055	July 16	2691	732	129	955
Phillips, Joseph E. (See Lewis, Joseph W., assignor.)						
Phillips, Lewis J., Foss, Okla. Ter. Alarm attachment for self-binders.	848,491	Mar. 26	5551	1211	127	1486
Phillips Mine and Mill Supply Co. (See Fleming, John J., assignor.)						
Phillips, Oliver P., Amo, Ind. Incubator.	874,860	Dec. 24	5203	1097	131	2105
Phillips, Ross M. G., Los Angeles, Cal. Transmission-gearing.	869,143	Oct. 22	3034	837	130	2313
Phillips, Thomas E. R., London, England. Mechanical ear for trolley-wires.	842,241	Jan. 29	4941	1054	126	1404
Phillips, Thomas E. R., London, England. Screw.	842,242	Jan. 29	4943	1054	126	1405
Phillips, Walter B., Kansas City, Kans. Drawing-pen.	858,350	June 25	5687	1216	128	3240
Phillips, Walter P., New York, N. Y. Telegraphy.	848,849	Apr. 2	505	98-9	127	1717
Phillips, William, Chicago, Ill. Flying-machine.	856,910	June 11	2861	598	128	2450
Phillips, William H., assignor of one-fourth to M. S. Wahrhaftig, Sacramento, Cal. Nut-lock.	855,018	May 28	5331	1107	128	1460
Phillips, William H., and O. G. Williams, Sacramento, Cal. Fly-exit for window and door screens.	853,419	May 14	2113	440	128	574
Phillips, William L., Trenton, N. J. Dumping-car.	869,804	Oct. 29	4086	1129	130	2661

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Phillips, William M., Northville, Mich. Silo.....	848,319	Mar. 26	5234	1142	127	1409
Phillips, William P., Boston, Mass. Oil-cup lubricator.....	872,012	Nov. 26	3946	950	131	1031
Phillips, Winfield B., Fenton, Mich. Adjustable window-screen.....	842,243	Jan. 29	4944	1054	126	1405
Phillipson, Emil, New York, N. Y., assignor to Phillipson Valve Co. Valve.....	872,304	Nov. 26	4534	1074	131	1125
Phillipson, Jacob, Chicago, Ill. Settee-bed and couch.....	870,197	Nov. 5	511	140	131	167
Phillipson Valve Co. (See Phillipson, Emil, assignor.)						
Philp, Casimir von, New York, N. Y. Cutting-machine.....	875,103	Dec. 31	5729	1194-5	131	2209
Philp, Casimir von, Bethlehem, assignor to Bethlehem Steel Company, South Bethlehem, Pa. Multiple-pressure system.....	846,266	Mar. 5	1083	235	127	276
Philp, Casimir von, assignor to Bethlehem Steel Company, South Bethlehem, Pa. Mill for rolling annular articles.....	846,942	Mar. 12	2465	542-4	127	656
Phinney, Wakefield, Redlands, Cal. Comb.....	841,175	Jan. 15	2791	610	126	799
Phipps, Joseph C., Melrose, Mass. Fluid-check device.....	846,943	Mar. 12	2471	545	127	657
Phipps, Moses L., assignor of one-half to T. Cox and Z. F. Ward, Galax, Va. Automatic boiler-feed.....	850,314	Apr. 16	3263	680	127	2496
Phipps, William O. (See Bell, Floyd J., assignor.)						
Phinney, William B., Westfield, assignor of one-half to R. A. Quale, Silver Creek, and H. W. Allen, Buffalo, N. Y. Machine for trimming string-beans and other articles.....	871,734	Nov. 19	3281	812-13	131	906
Phoebus, Virginia A. (See Gilbert and Phoebus.)						
Phoebus, Virginia A., New York, N. Y. Machine or device to be used in measuring and cutting skirts.....	873,266	Dec. 10	1979	414	131	1513
Phoenix Boot Machinery Company. (See Nowotny, Wilhelm, assignor.)						
Phoenix Carriage Co. (See McNamara and Krummen, assignors.)						
Phoenix, Charles S., Oberlin, Ohio. Carpet-beater.....	864,553	Aug. 27	3843	1065	129	3374
Phoenix Fire Extinguisher Co. (See Andrews, Martin, assignor.)						
Phonographic Music Co. (See Sherwood, William I., assignor.)						
Phonoharp Company. (See Green, Joseph R., assignor.)						
Pianora Company. (See Ackerman, Clinton, and Eltom, assignors.)						
Piatkowski, John, assignor to New System Bullet Company, Cleveland, Ohio. Bullet.....	872,081	Nov. 26	4097	981	131	1054
Piatt, Frank B., Hamilton, Kans. Automatic stock-feeder.....	857,827	June 25	4646	985	128	2972
Piatt, James J., et al. (See Garbe, William F., assignor.)						
Picciano, Michael, Hazleton, Pa. Stove-lid.....	859,246	July 9	1441	384	129	519
Pichard, Charles and E., Paris, France. Machine for carroting hides.....	846,944	Mar. 12	2474	545	127	658
Pichard, Charles and E., Paris, France. Carroting hides and skins.....	873,594	Dec. 10	2635		131	1624
Pichard, Emile. (See Pichard, Charles and E.)						
Pick, Alfred, assignor of fifteen one-hundredths to W. W. Butler, Yonkers, N. Y. Magnetic clutch.....	854,107	May 21	3546	732	128	975
Pick, Friedrich, Vienna, Austria-Hungary. Warp stop-motion for looms for weaving.....	867,596	Oct. 8	574	162	130	1508
Pick, Friedrich, Vienna, Austria-Hungary. Stop-motion for looms.....	875,104	Dec. 31	5732	1195	131	2210
Pick, Thomas P., Chicago, Ill. Strainer.....	845,257	Feb. 26	5036	1071	126	3160
Pickard, Greenleaf W., Amesbury, Mass. Wireless communication.....	842,910	Feb. 5	138	31	126	1825
Pickard, Greenleaf W., Amesbury, Mass. Means for receiving intelligence communicated by electric waves.....	845,316	Feb. 26	5172	1098	126	3194
Pickard, Greenleaf W., Amesbury, assignor to Huff Electrostatic Separator Company, Boston, Mass. Electrostatic separator.....	840,802	Jan. 8	2030	449	126	561
Pickard, Herman W., Oshkosh, Wis. Milk-bottle skimmer.....	845,706	Feb. 26	5925	1252	126	3379
Pickée, Daniel J. (See Rücker and Pickée.) (Reissue.)						
Pickels, William D. (See Noyes, William S., assignor.)						
Pickels, William D., Chicago, Ill. Relief-valve.....	840,583	Jan. 8	1616	354-5	126	457
Pickens, Mell. (See Hagler and Pickens.)						
Pickering Governor Co. (See Hall, Stephen S., assignor.)						
Pickering Governor Co. (See Pascall, Richard H., assignor.)						
Pickersgill, William. (See Newton, Edward C., assignor.)						
Pickett, Fred C., Kansas City, Mo. Electrolytic receiver.....	875,105	Dec. 31	5733	1195	131	2210
Pickett, Lester D., Fredonia, N. Y. Lubricator.....	856,659	June 11	2411	496-7	128	2338
Pickett, William, assignor of one-half to W. B. Marsh, Lynn, Mass. Car-fender.....	847,437	Mar. 19	3444	755-6	127	926
Pickford, William, and E. Derr, Segundo, Colo. Ironing-board.....	856,490	June 11	2077	427	128	2254
Pickles, Charles K., assignor to J. A. Brill, Philadelphia, Pa. Car-seat.....	848,201	Mar. 26	4978	1089	127	1344
Pickles, James, Bradford, England. Sand-molding machine.....	841,569	Jan. 15	3548	766-7	126	993
Pickles, William F., Buckland, Conn. Regulator for paper-making machines.....	866,513	Sept. 17	2691	752	130	905
Pickop, George B., New Britain, Conn. Ratchet-wrench.....	847,601	Mar. 19	3770	826-7	127	1014
Pickop, George B., assignor to P. & F. Corbin, New Britain, Conn. Knob.....	874,621	Dec. 24	4746	998	131	2028
Pickrell, Clarence S. (See Young, Joseph H. and G. B., assignors.)						
Pidcock, Orie E. (See Grice and Pidcock.)						
Pidgeon, Harry W. (See Jackson and Pidgeon.)						
Piehn, Arnold R., Alta Vista, Iowa. Telephone-detector.....	848,568	Mar. 26	5702	1248	127	1524
Piening, Ferdinand, Rendsburg, Germany. Door-lock.....	872,582	Dec. 3	565	118	131	1254
Piepenbring, Emil, Dortmund, Germany. Miner's safety-lamp.....	846,050	Mar. 5	677	142-3	127	174
Pieper, Alphonse F. (See Pieper, Oscar H. and A. F.)						
Pieper, Alphonse F., Rochester, N. Y. Governor for electric motors.....	855,805	June 4	697	142	128	1872
Pieper, Ernest F. (See Van Derwerken, Theodore E., assignor.)						
Pieper, Henry. (See L'Hoest and Pieper.)						
Pieper, Matthias, Blankenese, Germany. Skittle.....	855,806	June 4	699	142	128	1872
Pieper, Matthias, Blankenese, Germany. Stand or supporting-base for skittles.....	860,821	July 23	3851	1056	129	1367
Pieper, Nicolas, Liege, Belgium. Means for securing the magazines of repeating pistols.....	859,332	July 9	1586	421	129	567
Pieper, Oscar H. and A. F., Rochester, N. Y. Electric motor.....	868,806	Oct. 22	2533	698	130	2159
Piepergerdes, John, Stewartsville, Mo. Gate.....	872,844	Dec. 3	1110	233	131	1340
Pierce, Amanda J., Salt Lake City, Utah. Device for promoting the impetus of foot-power machines.....	852,034	Apr. 30	6737	1401	127	3441
Pierce, Charles E., Cambridge, Mass. Baking-pan.....	868,121	Oct. 15	1425	400	130	1791
Pierce, Clarence A., Manchester, N. H. Top-roll saddle and stirrup.....	871,293	Nov. 19	2403	622	131	764
Pierce, Edgar B., U. S. Navy, assignor to W. P. Sugg, Oakland, Cal. Type-writer.....	844,183	Feb. 12	2612	559-60	126	2478
Pierce, Erastus E., et al. (See Broad, William, assignor.)						
Pierce, Eugene, Ilion, N. Y. Reversible duplex planer-tool holder.....	848,320	Mar. 26	5235	1142	127	1409
Pierce, Frederick E. (See Palmer and Pierce.)						
Pierce, George H., Quincy, assignor to New Era Machinery Company, Boston, Mass. Device for feeding sheet material.....	846,945	Mar. 12	2475	545-6	127	658
Pierce, George H., Quincy, assignor to New Era Machinery Company, Boston, Mass. Offset-web-feed mechanism for printing-presses.....	857,753	June 25	4501	949-50	128	2936
Pierce, George L., New York, N. Y. Athletic head-harness.....	863,315	Aug. 13	1944	525	129	2720
Pierce, George L., Manchester, N. H., assignor, by mesne assignments, to High Speed Ring Company, Boston, Mass. Ring-holder for spinning and twisting rings.....	857,535	June 18	4063	863	128	2796
Pierce, George L., Manchester, N. H., assignor, by mesne assignments, to High Speed Ring Company, Boston, Mass. Spinning and twisting ring.....	874,429	Dec. 24	4363	918	131	1965
Pierce, Howard E., Elmira, N. Y. Stuffing-box.....	866,062	Sept. 17	2056	573	130	703

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Pierce, James H., assignor to Smalley Motor Co., Ltd., Bay City, Mich. Valve for motors.....	863,752	Aug. 20	2582	714	129	2953
Pierce, James H., assignor to Smalley Motor Company, Limited, Bay City, Mich. Propeller.....	864,190	Aug. 27	3259	903	129	3190
Pierce, James S., Tacoma, Wash. Cement block.....	872,364	Dec. 3	106	19	131	1182
Pierce, John W., Arvonia, Va. Hinge.....	862,014	July 30	5714	1586	129	1988
Pierce, Joseph C. (See Hutchinson, Montrose E., assignor.)						
Pierce, Orlando E., San Francisco, Cal. Show-case.....	870,314	Nov. 5	694	187	131	228
Pierce, Simeon F., St. Paul, Minn. Trolley-retriever.....	851,029	Apr. 23	4634	972	127	2882
Pierce, Wilbourn O. (See Robinson, Neighbours, and Pierce.)						
Pierce, William A., Topeka, Kans. Hat holder and band.....	854,906	May 28	5116	1064	128	1407
Pierce, William O., Placerville, Cal. Fastening means for collars.....	864,683	Aug. 27	4046	1124	129	3435
Pierce, William O., Placerville, Cal. Collar.....	864,684	Aug. 27	4047	1124	129	3436
Pierce, Zachariah L., Hanna City, Ill. Anti-rail-spreading device and gage.....	870,842	Nov. 12	1547	425	131	533
Pieri, Pompeo Paris, France. Ship's propeller.....	867,148	Sept. 24	3666	1041	130	1240
Pierman, Alexander N., Newark, assignor to New Jersey Patent Company, West Orange, N. J. Phonic apparatus.....	847,687	Mar. 19	3972	867-8	127	1063
Pierman, Alexander N., Newark, assignor to New Jersey Patent Company, West Orange, N. J. Friction reproducing attachment for phonographs.....	867,597	Oct. 8	576	162-3	130	1509
Pierpont, Frank H., Horley, England, assignor to Lanston Monotype Machine Company, New York, N. Y. Machine for grinding type-matrices and other bodies.....	864,030	Aug. 20	2995	828	129	3079
Pierre, Lazar, Folsom, La. Wheel.....	872,583	Dec. 3	566	118	131	1254
Pierson, Arthur N., Westfield, N. J. System of refuse disposal.....	865,427	Sept. 10	1033	294-5	130	343
Pierson, John, Jr., Attica, Kans. Whiffletree-hook.....	865,932	Sept. 10	1841	517	130	605
Pietsch, Reinhold. (See Endres and P. etsch.)						
Pietzner, Carl, Vienna, Austria-Hungary. Producing picture copies by means of transfer photographic films.....	852,136	Apr. 30	6925	1446	127	3488
Pietzsch, Richard H., Washington, D. C. Microtome.....	873,595	Dec. 10	2636	555-6	131	1624
Pietzsch, John M., and W. E. Brown, assignors of one-third to C. E. Freeman, Indianapolis, Ind. Water-pressure regulator.....	868,219	Oct. 15	1559	443	130	1831
Piez, Charles, Philadelphia, Pa., assignor to Dodge Coal Storage Company, Naugatuck, Conn. Coal-piling apparatus.....	852,238	Apr. 30	7104	1486	127	3534
Pigford, Clarence E., et al. (See Bynum, Samuel B., assignor.)						
Pigg, Thomas P., Farmington, Mo. Grave-record.....	843,029	Feb. 5	380	84	126	1888
Pigg, William A., Fort Barrancas, Fla. Tobacco-knife.....	847,815	Mar. 19	4240	928	127	1124
Pigott, William, Chicago, Ill. Suspender-clasp.....	854,907	May 28	5117	1064	128	1407
Piguett, Louis A., Chanute, Kans. Spring-support for buggy-bows.....	853,114	May 7	1497	312	128	378
Pihlblad, Charles F., and O. B. Norgren, Boonton, N. J. Folding bed.....	862,346	Aug. 6	387	107	129	2204
Pijan, Herman H., Wausau, Wis. Cross-line buckle.....	844,184	Feb. 12	2616	560	126	2480
Pike Adding Machine Company. (See Pentecost, Arthur, assignor.)						
Pike, Benjamin, New York, N. Y. Blow-gun.....	863,753	Aug. 20	2584	714	129	2954
Pike, Joseph L. (See Athons, Joseph H., assignor.)						
Pike Manufacturing Company. (See Smith, Herbert E., assignor.)						
Pike, Morris, Westmont, N. J. Holder for domestic articles.....	846,758	Mar. 12	2092	459	127	562
Pike, Will C., Muncie, Ind. Insect-trap.....	842,244	Jan. 29	4945	1055	126	1405
Pikler, Armin H., Montclair, assignor to Crocker-Wheeler Company, Ampere, N. J. Electromagnetic apparatus.....	841,438	Jan. 15	3305	714	126	929
Pilain, Francois, Lyon, France. Gearing.....	857,361	June 18	3725	787	128	2709
Pilcher, Herbert H., Mullins, Tenn. Thermostat.....	862,753	Aug. 6	1084	291	129	2415
Pilcher, John A., and W. W. Lemen, Roanoke, Va. Car-wheel.....	869,514	Oct. 29	3634	996	130	2527
Pilcher, Thomas D., Washington, D. C. Apparatus for regulating combustion.....	858,019	June 25	5061	1071	128	3076
Pile, William E. (See Sutherland, Emil, assignor.)						
Pilgrim, James D., Auburn, Ind. Shifting-rail lock for vehicle-tops.....	850,600	Apr. 16	3813	796	127	2636
Pilgrim Paper Company. (See Esser, Christian, assignor.)						
Pilia, Vito, and H. Booker, California, Pa. Training device.....	875,377	Dec. 31	6267	1307-8	131	2297
Pilkington, Joseph H., Waterbury, Conn. Pen and pencil clip.....	858,020	June 25	5062	1071	128	3076
Pilkington, Joseph H., assignor to Smith & Griggs Manufacturing Company, Waterbury, Conn. Loop-and-stud connection.....	857,901	June 25	4784	1016	128	3005
Pilkington, Peter. (See Gibbs, George J., assignor.)						
Pilliner, Philip F., Philadelphia, Pa. Grinder for valves.....	869,647	Oct. 29	3857	1056	130	2594
Pilling Air Engine Company. (See Fleming, Josiah C., assignor.)						
Pilling, James L., Chicago, Ill. Portable hoist.....	864,798	Sept. 3	53	15-16	130	19
Pilling, James L., Chicago, Ill. Operating mechanism for turn-tables.....	864,799	Sept. 3	55	16	130	20
Pilling, James L., Chicago, Ill. Operating mechanism for turn-tables.....	864,800	Sept. 3	56	16	130	21
Pilling, Luther, Danielson, Conn. Loom-picker.....	851,250	Apr. 23	5086	1070	127	2991
Pilling, Luther, Danielson, Conn. Lug-strap for loom picker-sticks.....	852,522	May 7	284	52	128	77
Pillings, John H., Columbus, Ohio. Printing-machine.....	874,033	Dec. 17	3504	746-7	131	1801
Pillman, Emmanuel F., Boston, Mass. Hammock.....	842,098	Jan. 29	5963	1257	126	1667
Piltz, Charles A., Van Buren, Me. Umbrella attachment.....	850,544	Apr. 16	3706	775	127	2609
Pilz, Paul G., Schletttau, Erzgebirge, Germany. Roller-skate.....	864,333	Aug. 27	3463	964	129	3252
Pilz, Paul G., Schletttau, Erzgebirge, Germany. Roller-skate.....	864,334	Aug. 27	3464	964	129	3253
Pim, John W., Lucas, Iowa. Loading device.....	851,833	Apr. 30	6284	1310	127	3327
Pinckney, Carnot B., Brunswick, Ga. Cushion for ball-and-socket joints.....	841,570	Jan. 15	3550	767	126	993
Pinckny, William A. (See Gamber and Pinckny.)						
Pinder, Joseph W., San Francisco, Cal. Ore-concentrator. (Reissue).....	12,590	Jan. 8	2642	576-7	126	718
Pine, George T., Huntington, W. Va. Easy account-keeper.....	842,421	Jan. 29	5342	1132	126	1515
Pine, Joseph A., Marlboro, Mass. Finishing or burnishing machine.....	866,215	Sept. 17	2268	633	130	770
Pine, Joseph A., Marlboro, Mass. Finishing or burnishing machine.....	866,216	Sept. 17	2270	634	130	770
Pines, Wilson, Rogers, Mich. Board-dropping device.....	863,439	Aug. 13	2115	570	129	2776
Pingel, Regnar S. A. von, New York, N. Y. Combination penholder and blotter.....	864,255	Aug. 27	3350	929	129	3218
Pingret Turbo Piston Engine Co. (See Pingret, Victor, assignor.)						
Pingret, Victor, Rio Grande do Sul, Brazil, assignor, by mesne assignments, to Pingret Turbo Piston Engine Co., Escanaba, Mich. Rotary engine.....	873,596	Dec. 10	2641	556-7	131	1625
Pingret, Victor, Rio Grande do Sul, Brazil, assignor, by mesne assignments, to Pingret Turbo Piston Engine Co., Escanaba, Mich. Rotary engine.....	873,597	Dec. 10	2645	557-8	131	1625
Pingrey, Darius C., Janesville, Iowa. Game.....	855,728	June 4	550	114	128	1837
Pink, John J. (See Crosby and Pink.)						
Pink, John J., Chicago, Ill. Magazine for moving-picture machines.....	872,970	Dec. 3	1363	287-8	131	1381
Pinkerton, Henry S., Juno, Tex. Valve.....	840,954	Jan. 8	2339	513-14	126	638
Pinkerton, James C., Philadelphia, Pa. Electric switch.....	844,045	Feb. 12	2351	504	126	2414
Pinkham, Charles F., assignor to F. W. Whitchee, Boston, Mass. Tool for turning in the ends of tubular fabrics.....	863,215	Aug. 13	1797	483	129	2677
Pinkham, Meader B. (See Swazey, Henry L., assignor.)						
Pinkus, Georg, Charlottenburg, Germany. Pattern-powder.....	840,251	Jan. 1	927	.....	126	252
Pinnell, Wm. C. (See Harmon, Edward W., assignor.)						
Pinner, Louis New York N. Y. Vending-machine.....	870,126	Nov. 5	392	109	131	131

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Pinney, Jemima W., executrix. (See Pinney, William.)						
Pinney, William, deceased; J. W. Pinney, Salt Lake City, Utah, executrix. Smoke-consumer.	848,321	Mar. 26	5237	1143	127	1409
Pino, Giuseppe, Genoa, Italy. Hydroscope.	849,570	Apr. 9	1893	388	127	2108
Pino, Giuseppe, Genoa, Italy. Vessel-propelling means.	871,236	Nov. 19	2266	596	131	744
Pinson, Benjamin F., Jr., Skiatook, Ind. Ter. Truss-braced tree.	855,528	June 4	160	32	128	1735
Pintz, Carl, Budweis, Austria-Hungary. Lead-pencil.	861,052	July 23	4230	1158-9	129	1488
Pipe Bending Machine Company. (See Reynolds, George H., assignor.)						
Piper, Edward D., assignor to Couplers Accommodator Co., Chicago, Ill. Train-pipe coupling.	850,486	Apr. 16	3600	753	127	2580
Piper, Forest G. (See Smith, George O., assignor.)						
Piper, Frank B., Redbourn, England. Banjo-support.	856,804	June 11	2672	551	128	2405
Piper, James K., Wilmerding, Pa. Cotton-picker.	840,367	Jan. 1	1175	257	126	310
Piper, Mark A. (See Melanson and Peare, assignors.)						
Piper, Roy W., Warnock, Ohio. Game apparatus.	840,584	Jan. 8	1618	355	126	458
Piper, S. S. (See Foster, John C., assignor.)						
Piper, Samuel A., Newton Upper Falls, Mass. Track-sanding device.	858,021	June 25	5063	1071	128	3076
Pipkin, James W., and H. S. Mitchell, Wilton, Ark. Pneumatic signal for railway-crossings.	874,622	Dec. 24	4747	998-9	131	2028
Pirani, Marcello von, Wilmersdorf, assignor to Siemens & Halske A.-G., Berlin, Germany. Production of homogeneous bodies from tantalum or other metals.	848,600	Mar. 26	5773	1260	127	1541
Pirani, Marcello von, Wilmersdorf, near Berlin, assignor to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Producing technically-pure ductile tantalum.	866,385	Sept. 17	2527		130	852
Pirani, Marcello von, Wilmersdorf, near Berlin, assignor to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Producing homogeneous bodies from tantalum or other highly-refractory metals.	873,958	Dec. 17	3357	715	131	1777
Pirkis, Albert G., London, England. Apparatus for stenciling designs on post-cards, &c.	875,106	Dec. 31	5735	1195	131	2210
Pirtle, Claiborne, Cleveland, Ohio. Cable-drum mechanism.	873,781	Dec. 17	3007	638	131	1719
Piscicelli, Roberto T., Naples, Italy. Cash-register.	872,845	Dec. 3	1112	233-6	131	1341
Pissahl, Charles, Chicago, Ill. Christmas-tree holder.	848,850	Apr. 2	508	99	127	1717
Pitcher, Alfred O., et al. (See Campbell, Lewis C., assignor.)						
Pitcher, Elmer C., San Francisco, Cal. Kitchen-table.	860,822	July 23	3852	1056	129	1368
Pitcher, James B., Saginaw, Mich. Portfolio.	858,535	July 2	291	72	129	103
Pitcher, James B., Saginaw, Mich. Vehicle-seat.	871,624	Nov. 19	3097	769	131	873
Pitcock, William E., Waynesburg, Pa. Ink well or stand.	844,830	Feb. 19	4210	898	126	2911
Pither, Thomas H., assignor to Western Electric Company, Chicago, Ill. Ceiling-fan motor.	874,430	Dec. 24	4364	918-19	131	1966
Pitkin, Julian H., Chicago, Ill., assignor to International Harvester Company. Fan.	874,431	Dec. 24	4367	919	131	1966
Pitman, Andrew C., Gary, W. Va. Pick.	845,574	Feb. 26	5656	1199	126	3313
Pitman, Robert A. (See Custer and Pitman.)						
Pitman, Taylor A., Tacoma, Wash. Steam throttle-valve.	845,119	Feb. 26	4777	1013	126	3095
Pitner, Henry B., assignor of one-half to W. A. Chamberlin, Olean, N. Y. Door-hanger.	841,269	Jan. 15	2973	646	126	843
Pitner, Marion W., Chicago, Ill. Burner.	872,846	Dec. 3	1120	237	131	1341
Pitney, Charles H. (See Shepardson and Pitney.)						
Pitney, Charles H., assignor to Triumph Voting Machine Company, Pittsfield, Mass. Paper-feed-actuating mechanism for voting-machines.	847,109	Mar. 12	2779	614	127	732
Pittman, Francis M., Logansport, Ind. Toy.	862,015	July 30	5715	1586	129	1989
Pittman, Francis M., Logansport, Ind. Street-sweeper.	872,196	Nov. 26	4317	1030-1	131	1092
Pittman, Key. (See MacKaskie, Peter M., assignor.)						
Pitts, David L., Painted Post, N. Y. Drip cup or receptacle.	866,807	Sept. 24	3160	888	130	1086
Pitts, Edward L., assignor of one-half to G. W. Kane, Phoenix, Ariz. Ter. Nut-lock.	842,113	Jan. 22	4640	996	126	1296
Pitts, George J., New York, N. Y. Fire-escape.	858,210	June 25	5431	1159	128	3171
Pitts, Thomas D., assignor to New Cyanide Process Company, New York, N. Y. Apparatus for treating ores.	854,526	May 21	4321	894	128	1174
Pitts, Thomas W., Tampa, Fla. Railway cross-tie.	862,103	July 30	5871	1627	129	2039
Pittsburg Patents Company. (See Diescher, Samuel E., assignor.)						
Pittsburg Pneumatic Company. (See Faber, Frank M., assignor.)						
Pittsburg Pneumatic Company. (See Johnson, Charles H., assignor.)						
Pittsburg Pneumatic Company. (See Vaughan, Henry H., assignor.)						
Pittsburg Water Heater Company, et al. (See Frampton, Reynolds C., assignor.)						
Pittsburg Water Heater Company. (See Reinecke, John P., assignor.)						
Pittsburgh Coal Washer Company. (See Martin and Cory, assignors.)						
Pittsburgh Electrolytic Manufacturing Company. (See Schoneberger and Frazier, assignors.)						
Pittsburgh Equipment Company. (See Hassel, Gustav A., assignor.)						
Pittsburgh Equipment Company. (See Pulliam, Oswald S., assignor.)						
Pittsburgh Filter Manufacturing Company. (See Jones, Llewellyn W., assignor.)						
Pittsburgh Filter Manufacturing Company. (See Leopold, Frederick B., assignor.)						
Pittsburgh Filter Manufacturing Company. (See Leopold and Brown, assignors.)						
Pittsburgh Hose Connector Company. (See Muehlberg, Karl O., assignor.)						
Pittsburgh and Montana Copper Company. (See Baggeley, Allen, and Lindquist, assignors.)						
Pittsburgh Plate Glass Company. (See Franzen, Nicklas, assignor.)						
Pittsburgh Seamless Tube Company. (See Blaxter, George H., assignor.)						
Pittsburgh Valve and Fittings Company. (See Castle, Lewis D., assignor.)						
Pittsburgh Valve, Foundry & Construction Company. (See Tanner and Stuart, assignors.)						
Pittsfield Spark Coil Company. (See Jacobson, Edward B., assignor.)						
Pitz, Adolph G., Bridgeport, Conn. Multiple-window-operating mechanism.	842,838	Jan. 29	6235	1315-16	126	1732
Place, Griffin, Woburn, Mass. Apparatus for mixing liquor in tan-vats.	858,103	June 25	5238	1110-11	128	3123
Place, Griffin, Woburn, Mass. Apparatus for mixing liquor in tan-vats.	863,216	Aug. 13	1798	483-4	129	2677
Plach, Josef, Komotau, Austria-Hungary. Penholder.	843,767	Feb. 12	1841	392	126	2289
Planckh, Rudolf, Graz-Eggenberg, Austria-Hungary. Boiling and distilling apparatus.	870,747	Nov. 12	1407	381	131	488
Plank, George A., Independence, Mo., assignor to Ohio Cultivator Company, Bellevue, Ohio. Cultivator.	872,450	Dec. 3	274	56-7	131	1211
Plank, John W. (See Snyder, John C., assignor.) (Reissue.)						
Plank, William C., Las Flores, Mexico. Type-writer attachment.	843,360	Feb. 5	1061	219	126	2058
Plank, William C., Las Flores, Mexico. Speed-indicator.	843,361	Feb. 5	1064	219	126	2059
Plank, William C., Las Flores, Mexico. Attachment for mouthpieces of telephone-transmitters.	843,362	Feb. 5	1065	220	126	2059
Plankinton, William W. (See Hoya, Ferdinand A., assignor.)						
Plant Company. (See Richards, Charles W., assignor.)						
Plant, Henry S., Boston, Mass. Jig-button.	861,891	July 30	5539	1529	129	1935
Planters Compress Company. (See Holmes, Watson M., assignor.)						
Planters Compress Company. (See Lowry, George A., assignor.)						
Planters Seed Company. (See Stinson and Hall, assignors.)						
Plass, William F., New York, N. Y. Skylight structure.	850,487	Apr. 16	3601	753	127	2581

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Plate, Paul, Schloss Buddenburg, near Lünen, Germany. Potato-harvester.....	869,103	Oct. 22	2975	822	130	2296
Plate, Paul, Schloss Buddenburg, near Lünen, Germany. Potato-harvester.....	869,104	Oct. 22	2976	822	130	2297
Plato, Marcus, assignor of one-half to A. W. Macleod, London, England. Electric bell.....	855,729	June 4	551	114	128	1837
Platt, Arthur E., assignor of one-half to C. Ostertag, Ottumwa, Iowa. Means for handling goods.....	860,149	July 16	2820	770	129	999
Platt Brothers & Company. (See Platt and Abel, assignors.)						
Platt, Charles E. (See O'Leary, Matthew J., assignor.)						
Platt, Edward T., assignor of one-half to H. Feldmann, Chicago, Ill. Electric-trolley retainer.....	848,601	Mar. 26	5775	1260	127	1542
Platt, Frederick, Lynn, Mass., assignor to General Electric Company. Electrical conductor.....	847,303	Mar. 12	3148	693	127	825
Platt, Henry, Hazleton, Pa. Ash-screener.....	855,335	May 28	5950	1241	128	1616
Platt Iron Works Company. (See Giesler, Arthur, assignor.)						
Platt, John W., Sterling, assignor to Sterling Manufacturing Company, Rock Falls, Ill. Tongue-truck for agricultural implements.....	855,807	June 4	700	143	128	1873
Platt, Joseph B., Cleveland, Ohio. Screw-threading plate.....	866,300	Sept. 17	2400	669-70	130	813
Platt, Lewis A., and W. T. Abel, assignors to Platt Brothers & Company, Waterbury, Conn. Staple-fastener.....	844,398	Feb. 19	3094	664	126	2638
Platt, Roy G., Topeka, Kans. Folding rule.....	841,715	Apr. 9	2024	415	127	2139
Plattner, David, Denver, Colo. Hay-rake.....	841,892	Jan. 22	4233	911	126	1199
Platts, Montraville E., et al. (See Harter, Clarence J., assignor.)						
Plauk, James R., Camden, Ind. Fender.....	847,108	Mar. 12	2778	614	127	731
Player, John. (See Colburn and Player.)						
Playford, Sterling T., Cassopolis, Mich. Building-block.....	850,048	Apr. 9	2739	575	127	2317
Playman, William L., Stevens Point, Wis. Chair-leg fastener.....	849,638	Jan. 22	3853	838	126	1108
Plecker, William J., Peoria, Ill. Pipe-elbow.....	842,580	Jan. 29	5671	1199	126	1595
Pledath, Max, Berlin, Germany. Inverted incandescent gas-burner.....	872,367	Dec. 3	109	20	131	1183
Pleines, Frederick W. (See Hoffmann and Pleines.)						
Pleins, Leo H., Chicago, Ill. Ventilator for water-closets.....	851,314	Apr. 23	5228	1096	127	3029
Pleins, Leo H., assignor to James B. Clow & Sons, Chicago, Ill. Trap.....	858,306	June 25	5594	1196-7	128	3212
Pletcher, Thomas M., Chicago, Ill. Automatic piano.....	865,524	Sept. 10	1201	343	130	394
Piew, James E. (See Schmidt, Louis A., assignor.)						
Plimpton, Herbert M. (See Lewis, Willard L., assignor.)						
Plimpton, James W., Oil City, Pa. Level-glass.....	860,990	July 23	4145	1135	129	1463
Pliske, Max F. W., Lakewood, Ohio. Heater.....	846,611	Mar. 12	1825	401	127	494
Plönnis, Rudolf, Berlin, Germany. Water-proof paint.....	858,536	July 2	292		129	103
Plotner, Albert L., Dorchester, Mass. Amusement apparatus.....	866,680	Sept. 24	2958	838	130	1015
Plourde, Eugene, Paterson, N. J. Bill-file.....	846,946	Mar. 12	2477	546	127	659
Pluard, Leon, assignor of one-half to R. W. Anderson, Chicago, Ill. Car-replacing frog.....	847,259	Mar. 12	3065	676	127	804
Plue, William D., Rainier, Oreg. Rotary wood-planing device.....	841,439	Jan. 15	3306	715	126	929
Plume & Atwood Mfg. Co. (See Andersen, Lauritz W., assignor.)						
Plumer, Andrew J., and W. S. Dorsey, Hyannis, Nebr. Hay-loader.....	868,003	Oct. 15	1249	346	130	1738
Plummer, George C., assignor to T. J. Hruby, Chicago, Ill. Buckle.....	866,217	Sept. 17	2270	634	130	770
Plummer, George C., assignor to Main Belting Company, Philadelphia, Pa. Conveyer-belt.....	869,935	Nov. 5	87	26	131	29
Plummer, Horace, Pittsboro, Ind. Ticket-box.....	847,688	Mar. 19	3973	868	127	1063
Plummer, Leamon S., Swanton, Ohio. Trousers-stretcher.....	857,902	Jan. 25	4785	1016	128	3005
Plummer, Lloyd W., Bloomington, Ill. Display device.....	841,813	Jan. 22	4066	876	126	1159
Plummer, William S., assignor to American Wheel Company, St. Louis, Mo. Felly for vehicle-wheels.....	857,200	June 18	3433	724	128	2635
Plunkett, Charles, New York, N. Y. Broom-trimming machine.....	862,754	Aug. 6	1085	291	129	2415
Plunkett, Martin. (See Schall and Plunkett.)						
Pluvius Feuerlöscher Gesellschaft mit Beschränkter Haftung. (See Grünwald, Karl, assignor.)						
Pluzanski, Roman. (See Wojciechowski and Pluzanski.)						
Plym, Francis J., Kansas City, Mo. Store-front construction.....	846,343	Mar. 5	1242	273	127	313
Plym, Francis J., Kansas City, Mo. Store-front construction.....	852,450	May 7	81	17	128	24
Plym, Francis J., Kansas City, Mo. Wall-plug.....	855,129	May 28	5577	1159	128	1520
Plym, Francis J., Kansas City, Mo. Store-front and show-case construction.....	860,150	July 16	2823	770-1	129	1000
Plympton, Charles D., Needles, Cal. Windmill.....	856,364	June 11	1841	378	128	2195
Pneumatic Scale Corporation. (See Doble, William H., assignor.)						
Pneumatic Tobacco Stemmer Company. (See Whitaker, Jesse H. and L. P., assignors.)						
Poak, James L., Philadelphia, Pa., assignor to Automatic Oscillating Loom Company of America. Loom-shuttle.....	857,107	June 18	3251	683	128	2589
Poak, James L., Philadelphia, Pa., assignor to Automatic Oscillating Loom Company of America. Loom.....	865,973	Sept. 10	1902	532-3	130	624
Poak, James L., Philadelphia, Pa., assignor to Automatic Oscillating Loom Company of America. Woven fabric and weaving the same.....	865,974	Sept. 10	1904	533	130	625
Poak, James L., Philadelphia, Pa., assignor to Automatic Oscillating Loom Company of America. Salvage-forming mechanism for looms.....	867,300	Oct. 1	108	33-4	130	1347
Pocel, Karl von, Munich, Germany. Firearm.....	859,974	July 16	2546	692-3	129	906
Poché, Pierre A., Ponchatoula, La. Mail-bag catching and delivery mechanism.....	871,625	Nov. 19	3099	770	131	873
Pockman, Raymond, Yolo, Cal. Soldering-iron.....	874,861	Dec. 24	5204	1097	131	2106
Pocock, Henry, London, Ontario, Canada. Machine for making cement brick.....	845,194	Feb. 26	4321	1044	126	3132
Pocock, Henry, London, Ontario, Canada. Molding-machine.....	873,598	Dec. 10	2648	558	131	1626
Pocock, Stephen H., St. Catharines, Ontario, Canada. Cash-register.....	858,537	July 2	292	73	129	103
Podhajsky, Otakar, Warren, Pa. Internal-combustion engine.....	867,075	Sept. 24	3567	1010	130	1212
Podhajsky, Otakar, Warren, Pa. Regulating device for internal-combustion engines.....	871,378	Dec. 31	6268	1308	131	2297
Podlěsák, Henry J., Chicago, Ill. Automatic releaser for fire-doors, fire-shutters, &c.....	872,680	Dec. 3	762	159	131	1288
Podlěsák, Henry J., Chicago, Ill., and T. E. Podlěsák, Morristown, N. J. Fuel-feeding device for internal-combustion motors.....	858,022	June 25	5064	1072	128	3076
Podlěsák, Tesla E. (See Podlěsák, Henry J. and T. E.)						
Podstata, Vaclav H., Dunning, Ill. Pneumatic cushion.....	850,181	Apr. 16	3017	632	127	2427
Podstata, Vaclav H., and F. M. Preucil, Chicago, Ill. Pneumatic spring for vehicles.....	850,180	Apr. 16	3016	631	127	2427
Poe, David A., Montreal, Quebec, Canada, assignor to Mergenthaler Linotype Company. Linotype machine.....	863,754	Aug. 20	2585	714-16	129	2954
Poe, George, assignor of three-fourths to H. L. Ostrander, T. Black, South Norfolk, and F. M. Morgan, Berkley, Va. Machine for inducing artificial respiration.....	859,778	July 9	2251	612	129	782
Poehner, John, Clearwater, Kans. Crank-shaft.....	852,199	Apr. 30	7037	1469	127	3517
Poelke, August, Detroit, Mich. Floor-surfacing machine.....	848,322	Mar. 26	5238	1143	127	1410
Poett, Alfred R. (See Buena and Poett.)						
Poetzl, Andrew, New York, N. Y., assignor to P. Guenther, Dover, N. J. Sock or stocking.....	860,056	July 16	2693	732	129	956
Pofahl, Heinrich H., Vivian, Minn. Fork.....	848,922	Apr. 2	643	129	127	1752
Poggi, Alice F., Elizabeth, N. J. Clothes-drier.....	842,490	Jan. 29	5500	1164	126	1557

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Pogue, George D., assignor to Briner-Pogue Manufacturing Company, St. Louis, Mo. Electric terminal.....	860,057	July 16	2693	733	129	956
Pogue, James C., Findlay, Ill. Safety-valve.....	854,908	May 28	5118	1065	128	1407
Pohl, Edward, Paterson, N. J. Silk-thread-finishing machine.....	874,235	Dec. 17	3974	838	131	1869
Pohlmann, Henry, New York, N. Y. Joining device.....	873,599	Dec. 10	2653	558	131	1626
Poinan, Francis J., Rochester, N. Y. Electric insulator.....	868,122	Oct. 15	1426	400	130	1791
Poindexter, Robert E., Indianapolis, Ind. Saw.....	843,030	Feb. 5	382	84	126	1888
Poindexter, William S., Louisa, Va. Automatic gate.....	871,437	Nov. 19	2726	688	131	812
Poirier, Joseph A., Woonsocket, R. I. Car-fender.....	861,892	July 30	5541	1529	129	1935
Poirier, Otto A. (See Laukka, Henry, assignor.)						
Polakoskey, Frank V., Peekskill, N. Y. Clothes-line pulley.....	852,740	May 7	736	144	128	193
Polderman, Wouter, Jr. (See Constandse and Polderman.)						
Polis, William, Meville, N. D. Beltless and chainless drive grain-elevator.....	851,315	Apr. 23	5230	1096	127	3030
Polishook, Samuel N., New York, N. Y. Traveler's cycle.....	854,528	May 21	4324	895	128	1175
Politowski, Paul, Chicago, Ill. Rotary meter.....	855,663	June 4	417	87	128	1801
Politsky, Simon A., Boston, Mass. Car-fender.....	848,602	Mar. 26	5776	1260	127	1542
Polk, Calvin L., Marlin, Tex. Plow attachment.....	854,909	May 28	5119	1065	128	1408
Polk, Ralph B., Greenwood, Ind. Apparatus for grading fruits and vegetables.....	874,623	Dec. 24	4751	999	131	2029
Polk, William, East Liverpool, Ohio. Machine for forming plastic articles.....	851,558	Apr. 23	5698	1193-4	127	3143
Pollacek, Emil, New York, N. Y. Preparing and reducing ores.....	854,527	May 21	4323		128	1174
Pollak, Isidor, assignor to Erste Wiener Export-Malzfabrik Hauser & Sobotka, Vienna, Austria-Hungary. Solidified diastatic malt extract.....	853,934	May 14	3187		128	848
Pollak, Samu. (See Oprendek, Franz, assignor.)						
Pollard-Alling Manufacturing Company. (See Grieser, Richard, assignor.)						
Pollard-Alling Manufacturing Company. (See Hopkins, George F., assignor.)						
Pollard, Edward T., and E. L. Behrmann, assignors to British-American Tobacco Company, Limited, London, England. Cigarette-packing machine.....	864,256	Aug. 27	3351	929-33	129	3218
Pollard, Enos C., Seattle, Wash. Timber-cutting device.....	850,848	Apr. 16	4298	903	127	2757
Pollard, Enos C., Seattle, Wash. Turbine air-compressor.....	871,626	Nov. 19	3101	770-1	131	874
Pollard, Henry, Paisley, Scotland. Gas-engine.....	865,267	Sept. 3	765	218-19	130	232
Pollard, Julian A., Jr. (See Watkins, Benjamin G., assignor.)						
Pollard & Metcalfe. (See Walker and Faulding, assignors.)						
Pollard, Walter S., Philadelphia, Pa. Adjustable miter-box for commutator-brushes.....	847,816	Mar. 19	4241	929	127	1124
Pollard, Walter S., Philadelphia, Pa. Water-meter.....	862,584	Aug. 6	817	218-19	129	2337
Polley, David F., assignor to Markham Air Rifle Company, Plymouth, Mich. Magazine air-gun.....	872,747	Dec. 3	902	187	131	1309
Pollman, Casper J. (See Volk, Ferdinand, assignor.)						
Pollock, Arthur R., Columbus, Ohio. Garment-supporter.....	842,810	Jan. 29	6177	1305	126	1718
Pollock, Arthur R., Piqua, Ohio. Registering system for telephone-exchanges.....	853,373	May 14	2040	422	128	555
Pollock, George, and W. E. Werd, assignors of one-third to S. E. Houk, Deer Lodge, Mont. Clamp-insulator.....	869,018	Oct. 22	2848	785	130	2257
Pollock, James, Wilkes-Barre, and W. F. Leibenguth, Dorrancetown, Pa. Rotary engine.....	858,906	July 2	930	243	129	320
Pollock, James, Wilkes-Barre, and W. F. Leibenguth, Dorrancetown, Pa. Rotary gas-engine.....	871,523	Nov. 19	2913	728-9	131	841
Pollock, Ralph E., Syracuse, N. Y. Candy-spinning machine.....	847,366	Mar. 19	3298	724	127	888
Pollock, Robert A., Kansas City, Mo., assignor to American Recording Company. Coin-controlled mechanism.....	866,063	Sept. 17	2056	573-4	130	703
Pollock, Robert A., Kansas City, Mo., assignor to American Recording Company. Ribbon-reversing mechanism.....	866,064	Sept. 17	2059	574	130	704
Pollock, Robert H., et al. (See Schmitt, Edward D., assignor.)						
Polisky, A. R. (See Perkins, Elbert G., assignor.)						
Polson, James C., Centralia, Ill. Solder nipple-holder and wiping-bracket.....	860,883	July 23	3958	1085	129	1402
Poit, John J., Newark, N. J. Shoe-cleaning device.....	850,396	Apr. 16	3422	717	127	2537
Poluba, John. (See Szekeres, John, assignor.)						
Poly-Phase Ignition System Company. (See Le Pontois, Leon J., assignor.)						
Pomeroy, James A., Palo Alto, Cal. Vehicle-wheel.....	847,817	Mar. 19	4242	929	127	1124
Pomeroy, Silas H., New Rochelle, N. Y. Fireproof window.....	867,925	Oct. 8	1078	305	130	1662
Pomeroy, William D., Norwood, Ohio, assignor, by mesne assignments, to Bullock Electric Company. Controller for electric motors.....	855,972	June 4	1029	213	128	1954
Pomeroy, William D., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Dynamo-electric machine.....	868,580	Oct. 15	2150	602	130	2016
Pomeroy, William D., Norwood, Ohio, assignor, by mesne assignments, to Bullock Electric Company. Field-magnet.....	875,207	Dec. 31	5932	1237	131	2244
Poncet, René G., assignor to Société d'Etudes Spéciales et d'Installations Industrielles, Paris, France. Rotary drying machine.....	868,475	Oct. 15	1977	551	130	1957
Pond, Frank J., Ochelata, Ind. Ter. Transmission mechanism.....	859,975	July 16	2548	693	129	907
Pond, Harry S., Chicago, Ill. Vending-machine.....	874,236	Dec. 17	3976	838-9	131	1870
Pond, Harry S., Chicago, Ill. Vending-machine cabinet.....	874,237	Dec. 17	3979	839	131	1870
Pond, Linnaeus C., and G. C. Wagner, Los Angeles, Cal. Windmill-oiler.....	854,964	May 28	5214	1086-7	128	1431
Pond, Samuel N. (See Tucker, Joseph S., assignor.)						
Ponomarew, Johann J., Terskaja Oblast, Grosny, Russia. Apparatus for rectifying and dephlegmating vapor mixtures.....	865,933	Sept. 10	1842	517	130	605
Pool, Alva, Starfield, assignor of one-half to J. P. Tyler, Clinton county, Mo. Wagon-box extension and end-gate.....	842,669	Jan. 29	5964	1257	126	1668
Pool, Hardy F., Mason City, Iowa. Soldering device.....	860,569	July 16	3452	948	129	1206
Pool, James F., New York, N. Y. Navigable vessel.....	861,894	July 30	5543	1530	129	1936
Pool, John F., Philadelphia, Pa., assignor to American Sugar Refining Company, Jersey City, N. J. Apparatus for making sucrate of lime.....	861,893	July 30	5542	1529	129	1936
Pool, John F., Philadelphia, Pa., assignor to American Sugar Refining Company, Jersey City, N. J. Separator for powdered material.....	870,383	Nov. 5	826	218	131	272
Pool, Morris W., Brooklyn, assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.....	852,799	May 7	872	177	128	222
Poole, Arthur F., Wheeling, W. Va. Electrically-driven step-by-step machine.....	845,890	Mar. 5	336	69	127	86
Poole, Arthur F., Wheeling, W. Va. Self-winding electric clock.....	868,696	Oct. 22	2357	653-4	130	2106
Poole, Arthur F., Santa Barbara, Cal. Self-winding clock.....	868,581	Oct. 15	2151	603	130	2016
Poole, Charles C., Evanston, assignor to Oliver Typewriter Company, Chicago, Ill. Line-space-indicating device.....	873,782	Dec. 17	3009	638-9	131	1720
Poole, Edward C., Southampton, England. Reinforced concrete beam or column.....	863,555	Aug. 13	2285	624	129	2826
Poole, Edward C., Southampton, England. Reinforced building block or slab.....	873,600	Dec. 10	2654	559	131	1627
Poole, F. H. (See Fuller, George E., assignor.)						
Poole, Staley D., and J. Kiel, assignors to Deere & Company, Moline, Ill. Wheeled cultivator.....	874,988	Dec. 31	5507	1150	131	2172
Poole, Thomas C. (See Clark and Poole.)						
Pooler, George E. (See Lee, Annie, assignor.)						
Poor, Fred A., assignor to Railway Specialty & Supply Company, Chicago, Ill. Rail-anchor.....	842,581	Jan. 29	5672	1200	126	1595

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Poor, George H., assignor, by mesne assignments, to Raymond Concrete Pile Company, Chicago, Ill. Shell-winding machine.....	848,394	Mar. 26	5370	1170-2	127	1440
Poor, George H., assignor, by mesne assignments, to American Palace Car Company, Portland, Me. Berth-raising mechanism for railway-cars.....	867,409	Oct. 1	271	79-80	130	1397
Poor, George H., assignor, by mesne assignments, to American Palace Car Company, Portland, Me. Device for locking the drums of sleeping-car berths.....	867,410	Oct. 1	273	80	130	1397
Poor, Samuel S., Westfield, N. J. Cigarette-box.....	850,182	Apr. 16	3019	632	127	2428
Poore, John B., Scranton, Pa. Portable bank.....	870,843	Nov. 12	1548	425	131	534
Pope, Charles E., Pittsburg, Pa. Sash-weight.....	863,634	Aug. 20	2422	666	129	2901
Pope, Charles E., Pittsburg, Pa. Balance-weight.....	863,635	Aug. 20	2423	666	129	2902
Pope, Charles E., Pittsburg, Pa. Balance-weight.....	863,636	Aug. 20	2423	666	129	2902
Pope, Charles E., Pittsburg, Pa. Balance-weight.....	863,637	Aug. 20	2424	666	129	2902
Pope, Charles E., Pittsburg, Pa. Balance-weight.....	863,638	Aug. 20	2425	667	129	2902
Pope, Charles E., assignor to C. Elmer Pope Paper Company, Holyoke, Mass. Cutting, perforating, and roll-forming mechanism.....	863,361	Oct. 15	1806	508	130	1905
Pope, Frank, Kankakee, Ill. Bobbin-holder.....	851,774	Apr. 30	6145	1284	127	3289
Pope, Frederick, New York, N. Y., assignor of one-half to W. C. Clark, Pittsburg, Pa. Extracting products from wood.....	852,078	Apr. 30	6803	1417	127	3458
Pope, Harry M., Chicopee Falls, Mass., assignor to Electric Vehicle Company, Jersey City, N. J. Motor-vehicle.....	859,516	July 9	1844	496	129	651
Pope, Harry M., and H. P. Maxim, Hartford, Conn., assignors, by mesne assignments, to Electric Vehicle Company, Jersey City, N. J., and New York, N. Y. Generation of vapor.....	865,725	Sept. 10	1507	425	130	489
Pope, Henry F., assignor to National Malleable Castings Company, Cleveland, Ohio. Pipe connection for railway-cars.....	867,530	Oct. 1	458	131-2	130	1456
Pope, Henry O., Claude, Tex. Cultivator attachment.....	843,031	Feb. 5	383	84	126	1888
Pope, John W., Vernal, Utah. Whip-socket lock.....	870,464	Nov. 5	936	255	131	305
Pope, M. J., et al. (See Thorne, George L., assignor.)						
Pope Manufacturing Company. (See Hardegen and Kennedy, assignors.)						
Pope, Reginald S., Boston, Mass. Watch-guard.....	850,601	Apr. 16	3815	796	127	2636
Poppendieck, William, Carlstadt, N. J. Machine for enveloping a metal core in a plastic body.....	850,780	Apr. 16	4160	870-1	127	2721
Popplewell, George, Louisville, Ky. Bobbin.....	845,575	Feb. 26	5657	1199	126	3313
Pore, Quincy L. (See Miller and Pore.)						
Porcell, William J., Haverhill, Mass. Combined bench and tack-receptacle.....	863,219	Aug. 13	1809	487	129	2680
Pörscke, Heinrich P. R. L., Hamburg, Germany. Elastic-fluid turbine.....	850,397	Apr. 16	3423	717-8	127	2537
Pörscke, Heinrich P. R. L., Hamburg, Germany. Turbine.....	874,432	Dec. 24	4368	919	131	1966
Pörscke, Heinrich P. R. L., and G. A. Wedekind, Hamburg, Germany; said Pörscke assignor to said Wedekind. Receptacle for elements.....	843,549	Feb. 5	1435	302	126	2151
Porst, Gustav, Baltimore, Md. Gas-regulator.....	847,818	Mar. 19	4243	929	127	1124
Port, Samuel J., Birmingham, England. Means for conveying sounds to the ears.....	862,016	July 30	5716	1586	129	1989
Portable Elevator Mfg. Co. (See White, John F., assignor.)						
Portable Wagon Dump and Elevator Company. (See White, John F., assignor.)						
Portelli, Julian, and J. D. Chapman, Los Angeles, Cal. Propeller.....	868,220	Oct. 15	1560	443	130	1831
Porteous, John, Cincinnati, Ohio. Pop safety-valve.....	848,202	Mar. 26	4979	1089	127	1344
Porteous, William, College Hill, Ohio. Milling-machine.....	852,346	Apr. 30	7290	1532-3	127	3579
Porteous, William, College Hill, Ohio. Horizontal reaming, tapping, and facing machine.....	867,076	Sept. 24	3568	1010	130	1212
Porteous, William, College Hill, Ohio. Reaming and tapping machine.....	867,077	Sept. 24	3570	1012-13	130	1213
Porter, Arthur, Galena, Ill. Sanitary automatic cuspidor.....	852,901	May 7	1088	224	128	278
Porter, Arthur H. (See Stockton and Porter.)						
Porter, Arthur H., assignor to E. Ingraham Co., Bristol, Conn. Clock.....	855,130	May 28	5579	1159-60	128	1520
Porter, Arthur H., assignor to E. Ingraham Co., Bristol, Conn. Clock-key.....	872,971	Dec. 3	1365	288	131	1382
Porter, Asahel A., Naugatuck, Conn. Current water-wheel.....	873,082	Dec. 10	1638	341	131	1455
Porter-Cable Machine Co. (See Porter, George G., assignor.)						
Porter, Clarence B., assignor to J. C. Allen & Co., Portland, Oreg. Pencil-printing machine.....	851,103	Apr. 23	4776	1005	127	2916
Porter & Co., C. B. (See Wittebolle, Emile J., assignor.)						
Porter, E. S., et al. (See Hatchett, Andrew, assignor.)						
Porter, Edgar G., and J. I. Jones, Elwood, Ind., assignors to American Sheet and Tin Plate Company, Pittsburg, Pa. Coating apparatus.....	872,368	Dec. 3	110	20	131	1184
Porter, Edward C., Telluride, Colo. Slime-concentrator.....	874,433	Dec. 24	4368	919-20	131	1966
Porter, Ephraim M., and J. W. Daubenspeck, Kellettville, Pa. Rail-joint.....	844,399	Feb. 19	3095	665	126	2638
Porter, Ernest L. (See White, Charles D., assignor.)						
Porter, George G., assignor to Porter-Cable Machine Co., Syracuse, N. Y. Steering-gear.....	874,989	Dec. 31	5510	1151	131	2173
Porter, Harry G., Gregory, Mich. Strainer and clips therefor.....	859,105	July 2	1215	327	129	410
Porter, Henry H., Jr., Chicago, Ill. Vehicle-body.....	869,260	Oct. 29	3216	885-6	130	2399
Porter, Henry K., Chelsea, Mass. Bolt-clipper.....	862,279	Aug. 6	287	80	129	2172
Porter, Henry S. (See Porter, James H. and H. S.)						
Porter, Henry W., Forestville, assignor to New Haven Clock Company, New Haven, Conn. Winding mechanism for self-winding electric clocks.....	842,971	Feb. 5	255	56	126	1853
Porter, James A., assignor of one-half to W. B. Griffith, Crawfordsville, Ind. Chimney-back.....	853,897	May 14	3106	636	128	827
Porter, James H. and H. S., Boston, Mass. Amusement apparatus.....	857,903	June 25	4787	1016-17	128	3006
Porter, James N. (See Sublett, Samuel H., assignor.)						
Porter, Jesse M., Cuyahoga Falls, Ohio. Bowling-alley planer.....	864,257	Aug. 27	3353	933	129	3219
Porter, John B. (See Hanley and Porter.)						
Porter, John C., et al. (See Lee, Robert H., assignor.)						
Porter, John L. (See Scatterday and Porter.)						
Porter, John T. (See Morgan and Porter.)						
Porter, John T., Pittsburg, Pa. Type-writer.....	866,514	Sept. 17	2693	753-4	130	906
Porter, Joseph L., Washington, D. C., assignor two-thirds to C. H. Schott and A. P. Kuck. Attachment for type-writers.....	864,987	Sept. 3	356	95	130	112
Porter, Joseph Y., Detroit, Mich. Mechanical movement.....	855,973	June 4	1032	214	128	1955
Porter, Louis H., Rockdale, Tex. Clip.....	871,888	Nov. 26	3651	890	131	990
Porter, Louis N., Ponca, assignor of one-half to J. H. Kate, Wayne, Nebr. Incubator.....	847,507	Mar. 19	3577	786	127	963
Porter Safety Seal Co. (See Huising, Garrett H., assignor.)						
Porter Screen Manufacturing Company. (See Southworth, Henry E., assignor.)						
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Regulator for pendulum clocks.....	841,440	Jan. 15	3307	715	126	930
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Time-limit clock.....	847,689	Mar. 19	3975	868	127	1064
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Stem-winding and stem-setting watch.....	847,819	Mar. 19	4245	929	127	1125
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Watch.....	857,667	June 25	4315	912	128	2888
Porter, Wilson E., assignor to New Haven Clock Co., New Haven, Conn. Watch.....	857,668	June 25	4316	912	128	2888
Porter, Wilson E., assignor to New Haven Clock Company, New Haven, Conn. Watch.....	865,656	Sept. 10	1401	397	130	457

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Porteus, George. (See Whitehead and Porteus.)						
Portman, Petrus J., Amsterdam, Netherlands. Controlling apparatus for railway signaling.	863,755	Aug. 20	2589	716	129	2955
Portmann, William W., St. Louis, Mo. Lamp heating-stove.	874,117	Dec. 17	3738	786	131	1828
Portteus, Albert M., assignor of one-half to P. G. Basso, Indianapolis, Ind. Attachment for band-saws.	874,434	Dec. 24	4370	920	131	1967
Posakony, William J., Pocahontas, Iowa. Fly-trap for attachment to windows.	854,910	May 28	5120	1065	128	1408
Posay Automatic Switching Company. (See Posey, James A., assignor.)						
Posey, Edward V., Gage, Okla. Ter. Plow.	870,127	Nov. 5	393	110	131	131
Posey, H. H., <i>et al.</i> (See Posey, James A., assignor.)						
Posey, James A., Midlothian, assignor to Posey Automatic Switching Company, Dallas, Tex. Electric switching device.	872,197	Nov. 26	4319	1031	131	1092
Posey, James A., assignor of two-thirds to W. W. Major and H. H. Posey, Midlothian, Tex. Protector for rubber tires.	850,488	Apr. 16	3604	754	127	2581
Posey, Lloyd. (See Hushour, William H., assignor.)						
Poskocil, Joseph and K., Cleveland, Ohio. Meat-cutter.	843,696	Feb. 12	1710	364	126	2255
Poskocil, Katharine. (See Poskocil, Joseph and K.)						
Posner, Abraham, New York, N. Y. Ankle-stay for shoes.	874,862	Dec. 24	5206	1097	131	2106
Posner, Herman G. (See Kuehner, Charles, assignor.)						
Posson, Edward, Chicago, Ill. Brake-staff for railway-cars.	844,465	Feb. 19	3216	694	126	2669
Posson, Edward, Chicago, Ill., assignor to P. H. Murphy, St. Louis, Mo. Car-roof.	858,825	July 2	816	212	129	282
Posson, Minard A., Cleveland, Ohio. Sound-box for talking-machines.	857,483	June 18	3958	841	128	2766
Post, Charles B., New London, Ohio. Wall-fastening for stovepipes.	847,690	Mar. 19	3977	899	127	1064
Post, Ezra L., Wallingford, Conn. Clutch for leather-stretching machines.	852,800	May 7	875	178	128	223
Post, Ezra L., Wallingford, Conn. Leather or hide suspending hook.	868,004	Oct. 15	1250	346	130	1738
Post, Frank, Newfoundland, N. J. Safety-stop or chock for car-inclines.	869,648	Oct. 29	3859	1056	130	2595
Post, Friedrich G. J., assignor to J. H. W. Campe, Hamburg, Germany. Producing multiple and backed copies.	858,023	June 25	5067	1073	128	3077
Post, Howard M., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Incoming trunk-line.	841,339	Jan. 15	3119	674	126	882
Post, Marvin C., Brookfield, Mo. Carpenter's square.	870,584	Nov. 12	1112	304	131	393
Post, Nathaniel B., St. Louis, Mo., assignor to Rueckheim Bros. & Eckstein, Chicago, Ill. Popping-machine.	864,686	Aug. 27	4048	1125-6	129	3436
Post, Schuyler B., Syracuse, assignor to Jewell Manufacturing Company, Auburn, N. Y. Thermostat.	862,755	Aug. 6	1086	292	129	2415
Post, Thom M. U. von, Stockholm, Sweden. Distilling organic matters.	860,058	July 16	2694	733-4	129	956
Post, William F., Hattiesburg, Miss. Lock-nut for vehicle-hubs.	843,096	Feb. 5	527	110	126	1928
Postal Auto and Engine Company. (See Parks, George P., assignor.)						
Postal Insurance Corporation. (See Adams, Eugene G., assignor.)						
Postal Telegraph-Cable Company. (See Larish, Joseph W., assignor.)						
Postans, Arthur J., Putney, England. Calculating-machine.	851,433	Apr. 23	5454	1142	127	3087
Postel, Saul W., New York, N. Y. Device for fitting garments.	853,731	May 14	2760	568	128	743
Posthoff, Fritz, assignor to P. von Boeckmann, New York, N. Y. Garbage-can.	844,185	Feb. 12	2618	560	126	2480
Poston, Frank M. (See Lackie and Poston.)						
Poston, Richard S., Villisca, Iowa. Chimney.	861,481	July 30	4918	1350	129	1744
Potbury, Alfred H., assignor to Pacific Coast Biscuit Company, Portland, Oreg. Wrapping-machine.	842,114	Jan. 22	4642	996-8	126	1296
Potter, Augustus E., Hallowell, Me. Lawn-swing.	862,756	Aug. 6	1088	292	129	2416
Potter, Bernard U., Holyoke, Mass. Indicating and registering device.	861,895	July 30	5545	1530	129	1936
Potter, Charles E. (See Niendam, Marcus P., assignor.)						
Potter, Charles W. (See Staples, Albert F., assignor.)						
Potter, Charles W. (See Staples and Potter.)						
Potter, Charles W. H., assignor to M. L. Potter and W. Aikman, Jr., Detroit, Mich. Reamer.	858,752	July 2	674	177	129	234
Potter, Edward C., Chicago, Ill. Metallic railway-tie.	846,862	Mar. 12	2304	506	127	616
Potter, Frank M., Jr., Rome, N. Y. Telephone-switch-operating mechanism.	847,367	Mar. 19	3300	724	127	888
Potter, Frank W. (See Wescott and Potter.)						
Potter, Giles C., Pittsfield, Mass. Clothes-rack.	868,477	Oct. 15	1981	552	130	1959
Potter, Harry J., assignor to Aseptic Drinking Cup Company, Cambridge, Mass. Sputum-cup.	869,515	Oct. 29	3636	997	130	2527
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Electric furnace.	851,961	Apr. 30	6551	1365	127	3394
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Ozonizer.	854,965	May 28	5219	1087	128	1432
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Granular furnace.	875,284	Dec. 31	6085	1270-1	131	2268
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Making silicon.	875,285	Dec. 31	6088	.....	131	2268
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Producing silicon monoxid.	875,286	Dec. 31	6089	.....	131	2268
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Making silicon.	875,672	Dec. 31	6963	.....	131	2393
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Making silicon carbide.	875,673	Dec. 31	6964	.....	131	2393
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Making silicon dioxide.	875,674	Dec. 31	6964	.....	131	2393
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Producing silicon monoxid.	875,675	Dec. 31	6964	.....	131	2394
Potter, Henry N., New Rochelle, N. Y., assignor to G. Westinghouse, Pittsburg, Pa. Preparing silicon-monoxid powder.	875,676	Dec. 31	6965	.....	131	2394
Potter, Henry N., New Rochelle, assignor to Cooper Hewitt Electric Company, New York, N. Y. Forming seals and terminals for electric apparatus.	866,301	Sept. 17	2401	670	130	803
Potter, Horace S., Jersey City, N. J. End-dump car.	859,691	July 9	2125	573	129	740
Potter, J. R., <i>et al.</i> (See Vaughn, Clark D., assignor.)						
Potter, James C., and J. Johnston, assignors to Potter and Johnston Machine Company, Pawtucket, R. I. Clutch.	849,697	Apr. 9	2120	436	127	2163
Potter, James J., Staunton, Va. Nut-lock.	857,828	June 25	4646	986	128	2972
Potter, John A., Los Angeles, Cal. Manufacturing wrought iron or steel.	874,536	Dec. 24	4589	963	131	2000
Potter, John A., Los Angeles, Cal. Apparatus for producing wrought iron or steel direct from ore.	874,537	Dec. 24	4591	963-4	131	2000
Potter and Johnston Machine Company. (See Potter and Johnston, assignors.)						
Potter, Joseph L., Indianapolis, Ind. Combination jack and brace.	867,531	Oct. 1	459	132	130	1457
Potter, Joseph L., assignor to H. G. Hawekotte, Indianapolis, Ind. Electromagnetic locomotive.	858,211	June 25	5432	1159-60	128	3171
Potter, Joseph L., assignor to H. G. Hawekotte, Indianapolis, Ind. Electromagnetic power-generator.	872,251	Nov. 26	4430	1052-3	131	1109

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Potter, Minnie L., <i>et al.</i> (See Potter, Charles W. H., assignor.)						
Potter, Paul D., Madison, Wis. Manufacture of chrome-yellow	868,807	Oct. 22	2536	-----	130	2160
Potter, Stacy S., Kansas City, Mo. Book-leaf holder	860,823	July 23	3853	1056	129	1368
Potter, William B., Schenectady, N. Y., assignor to General Electric Company. Electric motor-drive	841,270	Jan. 15	2974	647	126	844
Potter, William B., Schenectady, N. Y., assignor to General Electric Company. Electric railway	850,117	Apr. 9	2887	603	127	2354
Potter, William B., Schenectady, N. Y., assignor to General Electric Company. Electric-railway system	869,459	Oct. 29	3546	973	130	2500
Potter, William M., assignor to E. C. Stearns & Company, Syracuse, N. Y. Saw-filing device	867,926	Oct. 8	1080	306	130	1663
Potter, William M., assignor to E. C. Stearns & Company, Syracuse, N. Y. Miter-box	867,927	Oct. 8	1081	306	130	1663
Potter, Albert A., Kansas City, Mo. Can-tongs	858,907	July 2	934	244	129	321
Potthoff, Louis, Flushing, N. Y. Electroplating apparatus	866,959	Sept. 24	3381	957	130	1155
Potts, Elijah W., assignor of one-half to J. C. Metzner, Detroit, Mich. Machine for applying capsules to bottles	840,710	Jan. 8	1854	408-9	125	519
Potts, Clyde, Newark, N. J. Intermittent discharge tank or reservoir	871,820	Nov. 26	3489	854-5	131	965
Potts, George D., Taylorville, Ill. Jump-seat for buggies	869,392	Oct. 29	3432	944	130	2465
Potts, Jacob L., Ithaca, Mich. Mop-wringer	850,781	Apr. 16	4162	871-2	127	2722
Potts, John W. (See Snyder and Potts.)						
Potts, Thomas W. (See Walther, Thomas H., assignor.)						
Potts, Thomas W., Fulham, London, England. Vehicle for recreation or amusement	871,294	Nov. 19	2405	622	131	764
Poukey, Alfred, Peoria, Ill. Device for releasing animals from stalls	869,261	Oct. 29	3217	886	130	2399
Poulsen, Valdemar. (See Pedersen and Poulsen.)						
Poulsen, Valdemar, Copenhagen, Denmark, assignor to American Telegraphphone Company. Telegraphphone	873,084	Dec. 10	1641	342	131	1456
Poulsen, Valdemar, and P. O. Pedersen, Copenhagen, Denmark, assignors to American Telegraphphone Company. Telegraphphone	873,083	Dec. 10	1640	341	131	1455
Poulson, Paul O., Brigham, Utah. Rotary engine	850,049	Apr. 9	2742	575-6	127	2317
Poulter, Micajah L., Stockport, Iowa. Fire-alarm or temperature-indicator	853,826	May 14	2952	606	128	790
Poulter, Micajah L., and M. J. Munson, Stockport, Iowa. Tile-ditching machine	868,937	Oct. 22	2728	752-3	130	2219
Poulton, Henry S. (See Poulton, Robert and H. S.)						
Poulton, Robert and H. S., Toronto, Ontario, Canada. Rotary engine	866,808	Sept. 24	3161	888-9	130	1087
Pounds, William L., Holt, Ala. Axle-nut	855,664	June 4	419	87	128	1801
Powell, Albert S., Chicago, Ill. Water-gage	850,050	Apr. 9	2745	576	127	2318
Powell, Benjamin F., Manzanola, Colo. Hay-stacker	845,576	Feb. 26	5659	1199-1200	126	3313
Powell, Benjamin F., assignor of one-half to J. McIntosh, Jr., Goss, Ga. Wheel-hub	860,824	July 23	3854	1057	129	1368
Powell, Charles A. (See Love, Henry M., assignor.)						
Powell, Charles W. (See Hixson and Powell.)						
Powell, Chauncey O., Hanford, Wash. Tongue-support	851,206	Apr. 23	4997	1050	127	2970
Powell, Christopher T., New Albany, Ind. Safety-brass for motor-bearings	863,089	Aug. 13	1594	430	129	2611
Powell, Edward C. (See MacArthur and Smith, assignors.)						
Powell, Frank D. (See Ellis and Powell.)						
Powell, Frank D., and C. S. Ellis, assignors to American Coin Register Company, Chicago, Ill. Coin-registering mechanism	851,251	Apr. 23	5088	1070	127	2992
Powell, Frederick. (See Adams and Powell.)						
Powell, George, Newark, N. J. Armor for tires	870,844	Nov. 12	1550	426	131	534
Powell, George H., Gardner, Kans. Bottle	866,682	Sept. 24	2962	839	130	1016
Powell, H. G. (See Price, John D., assignor.)						
Powell, Henry L., Tampa, Fla. Display-rack for metal bedsteads	865,268	Sept. 3	767	219	130	232
Powell, Jacob W. W., Akron, Ohio. Buckle	853,732	May 14	2761	568	128	743
Powell, James, assignor to Wm. Powell Co., Cincinnati, Ohio. Lubricator for explosive-engines	849,495	Apr. 9	1761	356	127	2073
Powell, James, assignor to Wm. Powell Co., Cincinnati, Ohio. Grease-cup. (Reissue.)	12,666	June 25	5745	1224	128	3256
Powell, James A., Wilmington, N. C. Curtain-pole	857,829	June 25	4647	986	128	2972
Powell, James W., Coleone, Oreg. Level	864,744	Aug. 27	4141	1149	129	3464
Powell, James W., Arieta, Oreg. Combined sage-brush digger and land-roller	874,538	Dec. 24	4593	964	131	2000
Powell, John D., Cleveland, Tenn. Type-writing machine	843,032	Feb. 5	383	85	126	1889
Powell, John M., Stockton, Utah. Railway-switch	856,805	June 11	2673	551-2	128	2405
Powell, Luther F., <i>et al.</i> (See Powell and Norton, assignors.)						
Powell, Nicholas M., assignor of one-half to L. G. Young, New York, N. Y. Friction-clutch	863,639	Aug. 20	2425	667	129	2903
Powell, Nicholas M., assignor of one-half to L. G. Young, New York, N. Y. Friction-clutch	863,640	Aug. 20	2428	667	129	2904
Powell, Royston W., and C. F. Norton, assignors of one-half to C. I. McLaughlin and L. P. Powell, Brooklyn, N. Y. Gas-engine	869,393	Oct. 29	3433	944-5	130	2465
Powell, Theodore C., Middle River, Iowa. Door-fastener	866,681	Sept. 24	2961	838	130	1016
Powell, William, Hume, Ill. Sawing-machine	853,030	May 7	1359	282	128	345
Powell, William H., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. System of motor control	865,811	Sept. 10	1642	464	130	535
Powell, William H., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Motor-control system	865,812	Sept. 10	1645	465	130	536
Powell, William H., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Method and means for controlling electric motors	865,813	Sept. 10	1651	465	130	539
Powell, William H., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Motor-control system	865,814	Sept. 10	1655	465	130	542
Powell, William H., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. System of motor control	865,815	Sept. 10	1659	466	130	544
Powell, William H., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Motor-control system	865,816	Sept. 10	1664	466	130	547
Powell, William H., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. System of motor control	865,817	Sept. 10	1668	466	130	549
Powell, William H., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. System of motor control	865,818	Sept. 10	1671	466	130	551
Powell, William H., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Motor-control system	865,819	Sept. 10	1674	467	130	552
Powell, William H., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Multiple-voltage system of motor control	874,990	Dec. 31	5512	1151	131	2173
Power, George H., Chandler, Okla. Ter. Cotton cultivator and thinner	864,191	Aug. 27	3261	903	129	3191
Power, George S., Passaic, N. J. Rock-drill saddle	842,972	Feb. 5	257	56	126	1854
Power, George S., Passaic, N. J., assignor to Wickes Brothers, Saginaw, Mich. Adjustable slideway	871,142	Nov. 19	2067	558	131	713
Power, Jeffrey J., Madison, Wis., assignor of one-half to L. W. Stevens, Syracuse, N. Y. Rotary discharging apparatus. (Reissue.)	12,655	May 21	4700	978	128	1268
Power, John J. (See Kelly, Patrick, assignor.)						
Power, William M., Port Chester, N. Y. Change-speed gearing	861,388	July 30	4767	1304	129	1699

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Power, William M., Port Chester, N. Y. Ball-bearing.....	864,859	Sept. 3	152	43	130	48
Power, Willoughby H., London, England. Disinfecting-tablet.....	850,849	Apr. 16	4301	903	127	2758
Powers, Alexander C., Louisville, Ky. Kitchen implement.....	847,969	Mar. 19	4558	1001	127	1200
Powers, Annie L. (See Davis, Lewis, assignor.)						
Powers, Edmund B., New York, N. Y. Air-brake.....	875,454	Dec. 31	6416	1339	131	2321
Powers, Edward, Shelbyville, Ill. Ball-returning mechanism for bowling-alleys.....	851,559	Apr. 23	5700	1194	127	3143
Powers, Frank A., and T. Klipfel, assignors to Union Wire Mattress Company, Chicago, Ill. Bed-bottom.....	872,681	Dec. 3	765	160	131	1288
Powers, Hines A., Farry, Okla. Ter. Heading-machine.....	869,516	Oct. 29	3638	997	130	2528
Powers, James P., and W. J. Boyd, St. Louis, Mo. Sheet-metal-seam opener.....	859,838	July 9	2341	636	129	1937
Powers, Leonard J., assignor to Powers Manufacturing Company, Waterloo, Iowa. Machine for stuffing horse-collars.....	852,137	Apr. 30	6927	1446	127	3488
Powers, Leonard J., assignor to Powers Manufacturing Company, Waterloo, Iowa. Machine for stuffing horse-collars.....	865,934	Sept. 10	1843	517-18	130	606
Powers Manufacturing Company. (See Powers, Leonard J., assignor.)						
Powers, Phineas G., Marion, Ind. Register-cabinet.....	862,757	Aug. 6	1089	293	129	2416
Powers, Robert B., Fayetteville, Ark. Advertising device.....	857,754	June 25	4506	950	128	2937
Powers, Timothy B., assignor to Kutnow Bros., New York, N. Y. Moving display-sign.....	842,582	Jan. 29	5673	1200	126	1596
Powers, Timothy B., assignor to Kutnow Bros., New York, N. Y. Electric clock.....	853,648	May 14	2576	535	128	694
Powers, William A., Topeka, Kans. Apparatus for treating and storing water.....	841,176	Jan. 15	2793	610	126	799
Powis, Arthur H., Shlinton, near Arundel, assignor of one-half to T. H. Roberts, Preston, England. Boot and shoe tree or expander.....	872,013	Nov. 26	3949	950	131	1031
Powning, William A., Novato, Cal. Machine for cleaning bricks.....	861,896	July 30	5547	1530	129	811
Prahar, Louis B., New York, N. Y. Bag-lock.....	855,974	June 4	1034	214	128	1955
Prahar, Louis B., New York, N. Y. Box-fastener.....	871,627	Nov. 19	3105	771	131	874
Prahm, Adolph F., St. Louis, Mo. Lantern.....	863,872	Aug. 20	2768	762	129	3011
Praign, Nelson S. (See McCoy and Wheeler, assignors.)						
Frage, Oscar, Schöneberg, near Berlin, Germany. Photographic multiplex copying-machine.....	862,347	Aug. 6	388	108	129	2204
Frarie, Gilbert, Adrian, Mich., assignor of one-fourth to E. G. Siggers, Washington, D. C. Fence-tie.....	871,438	Nov. 19	2727	689	131	813
Prater, Robert B. (See Harist and Prater.)						
Prather, Grills A., George, Mo. Box-fastener.....	846,246	Mar. 5	1052	226	127	268
Prätorius, Hugo E., Leipzig, Germany. Safety-lock.....	840,514	Jan. 8	1472	325	126	422
Pratsinger, Edmund, assignor of one-half to C. Adler, Győr, Austria-Hungary. Bronze-leaf.....	859,106	July 2	1216	-----	129	410
Pratt, Allison A., New York, N. Y., assignor to Patent Holding Company. Magazine-phonograph.....	864,686	Aug. 27	4055	1126-7	129	3439
Pratt, Austin A., Los Angeles, Cal. Insulator.....	862,758	Aug. 6	1090	293	129	2417
Pratt, Benjamin O., Lynchburg, Ohio. Spade.....	858,826	July 2	817	212	129	283
Pratt-Chadwick, Mara L., Malden, Mass. Skirt-gage.....	862,280	Aug. 6	288	81	129	2172
Pratt, Charles D. (See Crane and Pratt.)						
Pratt, Charles R., New York, N. Y. Elevator.....	865,205	Sept. 3	673	192	130	204
Pratt, Charles R., Montclair, N. J. Elevator safety device.....	853,733	May 14	2762	568-9	128	743
Pratt, Charles R., Montclair, N. J., assignor to K. M. Currier, Boston, Mass. Elevator safety device.....	846,613	Mar. 12	1827	402	127	495
Pratt, Charles T., Frankfort, N. Y. Running-gear for automobiles.....	842,245	Jan. 29	4947	1055	126	1406
Pratt, Eugene L., Swarthmore, Pa. Bottom board for beehives.....	874,863	Dec. 24	5207	1098	131	2106
Pratt, Francis E., New Rochelle, N. Y. Vehicle-spring.....	857,256	June 18	3519	744	128	2657
Pratt, Louis L., Salt Lake City, Utah. Fork.....	856,806	June 11	2676	552	128	2406
Pratt, Philip W., Boston, assignor to C. F. Brown, trustee, Reading, Mass. Heel-cushion.....	863,873	Aug. 20	2769	762	129	3012
Pratt, Read & Company. (See Rankin, Robert, assignor.)						
Pratt, Thomas, Beaver Falls, Pa. Sagger for treating tiles, &c.....	866,960	Sept. 24	3383	957	130	1156
Pratt, Wallace, Jr. (See White, Raleigh P., assignor.)						
Pratt & Whitney Company. (See Hanson, Bengt M. W., assignor.)						
Pratt & Whitney Company. (See Hanson and Montstream, assignors.)						
Pratt & Whitney Company. (See Hanson and Thayer, assignors.)						
Pratt & Whitney Company. (See Thayer, Arthur E., assignor.)						
Pratt, William E. (See Van Fleet, Alfred, assignor.)						
Pratt, William H., Lynn, Mass., assignor to General Electric Company. Alternating-current meter.....	848,923	Apr. 2	644	129	127	1752
Pratt, William H., Lynn, Mass., assignor to General Electric Company. Meter.....	859,333	July 9	1587	421	129	567
Pratt, Charles M., Atlantic City, assignor to H. K. Fort, Haddonfield, N. J. Square.....	870,845	Nov. 12	1551	426	131	535
Pray, Alvah J. (See Orbison, Kingsbury, and Pray.)						
Preble, George L., Lynn, Mass. Counter for boots and shoes.....	866,732	Sept. 24	3042	858	130	1050
Precision Appliance Company. (See Hill, Christian C., assignor.)						
Preidel, Wenzel, London, England. Screw-propeller.....	855,131	May 28	5580	1160	128	1521
Preisler, Ernst. (See Ruth and Preisler.)						
Prellwitz, William, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Hammer-drill.....	840,803	Jan. 8	2031	449	126	561
Prellwitz, William, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Channeling-machine.....	857,960	June 25	4926	1041-2	128	3040
Prellwitz, William, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Roller-guide for channeling-machines.....	857,961	June 25	4928	1042	128	3041
Prellwitz, William, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Roller-guide for channeling-machines.....	858,753	July 2	675	178	129	234
Prellwitz, William, Easton, Pa., assignor to Ingersoll-Sergeant Drill Company, New York, N. Y. Discharge-valve for fluid-compressors.....	874,034	Dec. 17	3507	748	131	1801
Prellwitz, William, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Channeling-machine.....	849,019	Apr. 2	799	164-5	127	1790
Premier Last Company. (See Prindle, Edwin J., assignor.)						
Premier Last Company. (See Trufant, Walter E., assignor.)						
Premier Motor Mfg. Co. (See Weidely, George A., assignor.)						
Prendergast, Alois P. (See Tatum, John J., assignor.)						
Prendergast, Alois P., Baltimore, Md. Gage-cock.....	843,842	Feb. 12	1979	424	126	2323
Prentice, Frank W., Chicago, Ill. Electric signaling system.....	843,550	Feb. 5	1437	303	126	2152
Prentice, George E., assignor to Traut & Hine Manufacturing Company, New Britain, Conn. Clasp for garment-supporters.....	840,515	Jan. 8	1473	325	126	422
Prentice, George G., New Haven, Conn. Multiple-spindle automatic turret-machine.....	874,035	Dec. 17	3508	748-9	131	1801
Prentice, George W., Providence, R. I. Placket-closure.....	852,902	May 7	1090	224	128	279
Prentice, Vernetta E. (See Conradson, Conrad M., assignor.)						
Prentiss, Augustus B., Marshfield, Oreg. Dental instrument.....	853,031	May 7	1360	282-3	128	346
Prentiss, Andrew L., Buffalo, N. Y. Trolley-pole controller.....	856,293	June 11	1657	344	128	2146
Prentiss, George L., Montclair, N. J., assignor to Parson Manufacturing Company. Locomotive-diaphragm.....	849,496	Apr. 9	1763	357	127	2073
Prentiss, Lewis S., Oklahoma, Okla. Ter. Adjustable hinging-strip for doors.....	870,128	Nov. 5	394	110	131	131

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Prentiss, Spencer B. (See Fritts, Charles E., assignor.)						
Prescott, De Witt C., Chicago, Ill. Pawl-and-ratchet mechanism	856,365	June 11	1843	378	128	2196
Prescott, Edwin, Arlington, Mass. Shutter-worker	872,682	Dec. 3	766	160	131	1289
Prescott, George S., New London, N. H. Stable implement	845,891	Mar. 5	338	70	127	87
Prescott, Jesse, Webster, Mass. Wall-plug	840,804	Jan. 8	2032	449	126	561
Prescott, Jesse, Webster, Mass. Corner-bead holder	863,440	Aug. 13	2116	571	129	2776
Prescott, Jesse, Webster, Mass. Adjustable chair	874,435	Dec. 24	4371	920	131	1967
Prescott, John O., Summit, N. J. Mechanism for making sound-records	847,820	Mar. 19	4246	930	127	1125
Prescott, Sydney I., assignor to American Tobacco Company, New York, N. Y. Cigarette-shell	843,628	Feb. 12	1596	337	126	2226
Prescott, Sydney I., assignor to American Tobacco Company, New York, N. Y. Filler-shaping mechanism for cigarette-machines	863,090	Aug. 13	1595	430	129	2611
Prescott, Sydney I., assignor to American Tobacco Company, New York, N. Y. Cigarette-machine	863,217	Aug. 13	1799	484-6	129	2677
Prescott, Sydney I., assignor to T. C. Durham, New York, N. Y. Razor	854,839	May 28	4965	1033	128	1367
Prescott, Sydney I., assignor to T. C. Durham, New York, N. Y. Razor	854,840	May 28	4966	1033	128	1367
Prescott, Sydney I., assignor to T. C. Durham, New York, N. Y. Razor	854,841	May 28	4968	1034	128	1367
Pressed Prism Plate Glass Company. (See Wadsworth, Frank L. O., assignor.)						
Pressed Steel Car Company. (See Ditchfield, Frank, assignor.)						
Pressed Steel Car Company. (See Hansen, John M., assignor.)						
Pressed Steel Car Company. (See Lindström, Charles A., assignor.)						
Pressed Steel Car Company. (See Lindström and Streib, assignors.)						
Pressed Steel Car Company. (See Streib, John F., assignor.)						
Pressed Steel Manufacturing Company. (See Knipe, Oliver C., assignor.)						
Pressed Steel Manufacturing Company. (See Nice, William, Jr., assignor.)						
Pressed Steel Wagon Bolster Co. (See Hines, Edwin G., assignor.)						
Pressler, Susie E., Toledo, Ohio. Guard for street-railway cars	844,743	Feb. 19	4039	861	126	2865
Prest, John E., Melrose, Mass. Thread guiding and supporting means for spinning and twisting machines	863,218	Aug. 13	1808	487	129	2680
Prest, John E., Melrose, Mass. Thread-guide for spinning-machines	868,005	Oct. 15	1250	346	130	1738
Prest, Wilford D., W. C. Lynde, and G. C. Knudsen, Chicago, Ill. Marking-pen	874,539	Dec. 24	4595	965	131	2001
Preston, Alston L. (See Goodale and Preston.)						
Preston, Edith B. (See McLoney and Preston.)						
Preston, Edith B., Mexico, Mo. Spring and mattress for invalid-beds	842,973	Feb. 5	258	56	126	1854
Preston, George N. (See Darling, Preston, and Erickson.)						
Preston, Leonard Z., Scottsville, Kans. Switch-operating device	857,201	June 18	3434	724	128	2636
Preston, William H. (See Warren and Preston.)						
Prestwich, John A., London, England. Cash-registering till	856,294	June 11	1659	344-5	128	2147
Prettyman, Finice D., Watsonville, Cal. Slicing-machine	873,601	Dec. 10	2655	559	131	1627
Pretzell, Carl. (See Schmidt and Pretzell.)						
Preucil, Frank M. (See Podstata and Preucil.)						
Prevost, Dwight F., assignor of one-half to R. I. Hurry, New York, N. Y. Spraying apparatus	869,936	Nov. 5	88	26	131	30
Prevost, Magnus, Haverhill, Mass. Buffing-roll	856,601	June 11	2295	471	128	2310
Pribil, Adolphe, Marseille, France. Automatic lubricator	846,507	Mar. 12	1598	355	127	436
Price, Amos N. (See Spanick, Nick, assignor.)						
Price, Anderson B., Vicar Switch, Va. Gage	845,258	Feb. 26	5037	1071	126	3160
Price, Burt. (See Swanton and Price.)						
Price, Charles C., Boone Grove, Ind., assignor of one-half to E. De Forrest, Andover, Mass. Copy-holder	867,301	Oct. 1	109	34	130	1347
Price, Edgar F., Niagara Falls, N. Y. Producing low-carbon ferro alloys	852,347	Apr. 30	7293	1533	127	3579
Price, Edgar F., Niagara Falls, N. Y. Smelting refractory ores and producing ferro-alloys	855,478	June 4	70	15	128	1712
Price, Edgar F., Niagara Falls, N. Y. Smelting refractory ores and producing ferro-alloys	855,479	June 4	72	15	128	1713
Price, Edgar F., Niagara Falls, N. Y. Electric-resistance furnace	855,480	June 4	74	15	128	1714
Price, Edgar F., Niagara Falls, N. Y. Producing ferrosilicon	861,224	July 23	4481	1229	129	1572
Price, Edgar F., Niagara Falls, N. Y. Producing silicospiegel	861,225	July 23	4482	1229	129	1572
Price, Edgar F., Niagara Falls, N. Y. Reducing compounds and producing low-carbon ferro alloys	862,996	Aug. 13	1446	393	129	2566
Price, Edgar F., Niagara Falls, N. Y. Baking carbon electrodes and heating by electricity and combustion	865,608	Sept. 10	1340	380	130	438
Price, Edgar F., Niagara Falls, N. Y. Smelting refractory ores and producing low-carbon ferro alloys	865,609	Sept. 10	1341	380	130	439
Price, Edgar F., Niagara Falls, N. Y. Lime product	866,599	Sept. 17	2825	.....	130	944
Price, Edgar F., Niagara Falls, N. Y. Furnace	868,808	Oct. 22	2537	699	130	2160
Price, Edgar F., assignor to Union Carbide Company, Niagara Falls, N. Y. Producing calcium carbid	855,476	June 4	66	14	128	1711
Price, Edgar F., assignor to Union Carbide Company, Niagara Falls, N. Y. Producing calcium carbid	855,477	June 4	68	15	128	1712
Price, Edgar F., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Producing manganese silicid	866,597	Sept. 17	2823	791	130	944
Price, Edgar F., Niagara Falls, N. Y., assignor, by mesne assignments, to Central Trust Company of New York, trustee. Producing silicids	873,328	Dec. 10	2125	443	131	1535
Price, Edgar F., Niagara Falls, N. Y., assignor, by mesne assignments, to Central Trust Company of New York, trustee. Producing ferrovanadium	875,208	Dec. 31	5933	.....	131	2244
Price, Edward J. (See Herbert and Price.)						
Price, Edwin F. (See Mease and Price.)						
Price, Freeman B., Butte, Mont. Coffee-percolator	866,809	Sept. 24	3164	889	130	1088
Price, George F., St. Louis, Mo. Car-axle	875,455	Dec. 31	6418	1339	131	2322
Price, George T., assignor of one-half to R. Knight, Conroe, Tex. Axle	842,335	Jan. 29	5138	1092	126	1457
Price, Henry, Elizabeth, Ill. Automatic cut-off	855,808	June 4	701	143	128	1873
Price, Henry, assignor of one-half to O. Healey, Elizabeth, N. J. Lavatory	857,006	June 11	3044	641	128	2497
Price, Henry S. (See Herbert and Price.)						
Price, Herbert R., Washington, D. C. Stop-cock	859,839	July 9	2343	636	129	811
Price, James W., Covington, Ind. Farm-derrick	843,297	Feb. 5	949	191-2	126	2031
Price, James W., Covington, Ind. Farm-gate	844,436	Dec. 24	4373	920	131	1968
Price, John D., assignor of one-half to H. G. Powell, Cleveland, Ohio. Rubber overshoe	866,598	Sept. 17	2824	792	130	944
Price, John D., assignor of one-half to H. G. Powell, Cleveland, Ohio. Overshoe	873,602	Dec. 10	2657	560	131	1627
Price, John H., New York, N. Y. Nested toy blocks	850,490	Apr. 16	3606	754	127	2582
Price, John H., assignor to McLoughlin Brothers, New York, N. Y. Game apparatus	850,489	Apr. 16	3605	754	127	2582
Price, John R., Fond du Lac, Wis. Dustless broom	841,045	Jan. 8	2515	549	126	684
Price, Joshua H., Cleveland, Iowa. Rail-joint	840,368	Jan. 1	1180	257	126	311
Price, Joshua H., Cleveland, Iowa. Railway-tie	847,110	Mar. 12	2782	614	127	732
Price, Milbert F., Iowa City, Iowa. Coin-controlled apparatus	862,655	Aug. 6	927	249	129	2370
Price, Peter, Panther, W. Va. Cant-hook or peavey	850,051	Apr. 9	2747	576	127	2319

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Price, Thomas M., Itasca, Tex. Fence-stay.....	841,177	Jan. 15	2796	610	126	800
Price, Thomas M., Itasca, Tex. Cleaning-rod for rifled firearms.....	865,726	Sept. 10	1510	426	130	490
Price, William, <i>et al.</i> (See Shaw, Ira C., assignor.)						
Price, William C., assignor to Webb & Price Automobile Co., Chicago, Ill. Motor-vehicle.....	859,517	July 9	1845	497	129	651
Price, William G., Butler, Pa. Car-truck.....	864,192	Aug. 27	3262	903-4	129	3191
Price, William G., New Castle, Pa. Bolster swing-damper.....	872,014	Nov. 26	3951	950	131	1032
Price, William G., New Castle, Pa. Bolster swing-damper.....	872,015	Nov. 26	3953	951	131	1032
Price, William G., New Castle, Pa. Truck-frame.....	872,016	Nov. 26	3955	951	131	1032
Price, William G., New Castle, Pa. Truck.....	872,017	Nov. 26	3957	951	131	1032
Price, William G., New Castle, Pa. Slack-adjuster for car-brakes.....	872,540	Dec. 3	480	100	131	1241
Price, William G., New Castle, Pa. Brake-shoe hanger.....	872,541	Dec. 3	483	101	131	1241
Price, William M. (See Simpson and Price.)						
Price, William T. (See Allan and Price.)						
Price, William W., Dayton, Ohio. Clamping-ring for pipe-couplings.....	841,814	Jan. 22	4067	876	126	1159
Prichard, Charles H. (See Duncan, Prichard, and Macauley.)						
Priddle, Arthur. (See McGuigan and Priddle.)						
Priddle, Arthur, San Francisco, Cal. Fireproof partition and furring.....	860,884	July 23	3961	1085-6	129	1403
Priddle, Arthur, San Francisco, Cal. Reinforcing-bar for concrete structures.....	870,129	Nov. 5	395	110	131	132
Priddy, Gertrude S., Chicago, Ill. Holder for papers or bags.....	843,363	Feb. 5	1066	220	126	2060
Priddy, Mark C. (See Branch, Thomas O., assignor.)						
Pride, Guy R., Jacksonville, Fla. Apparatus for extracting turpentine from wood.....	840,955	Jan. 8	2341	514	126	638
Pride, Guy R., Jacksonville, Fla. Steam-joint.....	840,956	Jan. 8	2343	514	126	639
Pride, Guy R., Jacksonville, Fla. Vessel or carrier.....	840,957	Jan. 8	2344	514	126	639
Prideaux, Lewis, assignor of two-thirds to A. Fertig and C. A. Blumbard, Philadelphia, Pa. Dust-proof dust-pan and crumb-tray.....	869,197	Oct. 22	3113	857	130	2339
Pridmore, John W., Chicago, Ill., assignor to International Harvester Company. Harvester-guard.....	843,629	Feb. 12	1598	338	126	2227
Priebe, Amandus, St. Louis, Mo. Automatic closure for receptacles.....	841,893	Jan. 22	4235	912	126	1199
Priebe, Herman C., Blue Island, Ill. Automatic air-signal, air-brake, and steam-coupling.....	851,316	Apr. 23	5231	1096-7	127	3030
Priebe, Herman C., Blue Island, Ill. Automatic air-signal, air-brake, and steam coupling.....	857,362	June 18	3726	787	128	2709
Priebe, Herman C., Blue Island, Ill. Draw-bar extension.....	861,389	July 30	4769	1304	129	1700
Priebe, Herman C., Blue Island, Ill. Rocker-drop-bottom car.....	861,390	July 30	4770	1304	129	1700
Priebe, Herman C., Blue Island, Ill. Steel underframe for cars.....	861,391	July 30	4771	1305	129	1700
Priebe, Herman C., Blue Island, Ill. Car-underframe.....	870,130	Nov. 5	396	111	131	132
Prien, Rudolph B., Rockford, Ill. Water-heater.....	874,991	Dec. 31	5517	1151	131	2174
Priess, Peter, Pleasant Valley, Okla. Cultivator-shovel.....	875,456	Dec. 31	6419	1340	131	2322
Priest, Augustus F., Milwaukee, Wis., assignor to A. F. Priest Mfg. Co. Automatic valve.....	849,084	Apr. 2	942	193	127	1828
Priest, Edward D., Schenectady, N. Y., assignor to General Electric Company. Motor-driven pump.....	868,362	Oct. 15	1807	508-9	130	1906
Priest, Edward D., and E. J. Bring, Schenectady, N. Y., assignors to General Electric Company. Motor-driven air-compressor.....	863,556	Aug. 13	2286	624-5	129	2827
Priest, Fred K., Hillsboro, N. H. Tool-operating mechanism.....	853,564	May 14	2401	500	128	649
Priest, William, <i>et al.</i> (See Lightner, Henry L., assignor.)						
Priest, William J., Pleasant Valley, Cal. Fruit-picker.....	866,882	Sept. 24	3264	918	130	1118
Priestman, Albert, Philadelphia, Pa. Apparatus for automatically controlling the flow of liquids.....	863,641	Aug. 20	2429	668	129	2904
Priestman, Albert, Philadelphia, Pa. Apparatus for controlling the flow of liquids.....	866,065	Sept. 17	2060	574	130	701
Prieto, Eudoro C., Cipaquira, Colombia. Rethresher and polisher for coffee.....	871,045	Nov. 12	1871	512	131	635
Primm, John Q., Lincoln, Ill. Lifting attachment for shelves, &c.....	859,247	July 9	1442	384	129	519
Prince, Adolph, Chicago, Ill. Butter press and stamping machine.....	851,434	Apr. 23	5459	1143	127	3088
Prince, George W., Morrison, Colo. Drainer.....	848,683	Apr. 2	125	27	127	1618
Prince, John D., New York, N. Y., and H. S. Rodgers, Covington, Ky. Mixing metals.....	841,178	Jan. 15	2797	.....	126	800
Prince, Oscar M. (See Kiser and Prince.)						
Prindle, Edwin J., Washington, D. C., assignor to Premier Last Company, Great River, Long Island, N. Y. Turning lasts.....	948,767	Apr. 2	291	59-61	127	1661
Prindle, Edwin J., Washington, D. C., assignor to Premier Last Company, Great River, Long Island, N. Y. Last.....	853,827	May 14	2955	606	128	791
Prindle, George, Ogden, Utah. Combined door-securer and corkscrew.....	863,091	Aug. 13	1598	430	129	2612
Prindle, Harold R., Philadelphia, Pa. Pneumatic tool.....	855,975	June 4	1036	214	128	1955
Prindle, Harold R., and J. U. Adolph, Philadelphia, Pa. Pneumatic tool.....	861,392	July 30	4772	1305	129	1701
Prindle, Henry U., San Francisco, Cal. Extensible rule and calipers.....	844,536	Feb. 19	3387	730	126	2711
Prindle, Henry U., assignor to Rotary Machine Company, San Francisco, Cal. Cutting and mixing mill.....	856,295	June 11	1666	345-6	128	2149
Prindle, Roscoe S., assignor of one-half to C. H. and V. C. Tompkins, New York, N. Y. Centripetal-centrifugal pump and condenser.....	845,816	Mar. 5	160	31	127	44
Pring, John N., New York, assignor to E. A. Sperry, Brooklyn, N. Y. Electrolytic process for refining nickel.....	874,864	Dec. 24	5210	.....	131	2107
Pringle, George W., assignor to E. J. Noblett, Chicago, Ill. Automatic lathe.....	840,369	Jan. 1	1181	257-60	126	312
Pringle, John L., New Britain, Conn. Miter-box.....	850,873	Apr. 16	4351	911	127	2773
Pringle, John L., Toronto, Ontario, Canada, assignor to Union Manufacturing Company, New Britain, Conn. Gage.....	869,649	Oct. 29	3860	1056	130	2595
Prinke, Carl L. H., Baltimore, Md. Automatic firearm.....	875,209	Dec. 31	5934	1237	131	2244
Printing Appliance and Engineering Company. (See Hodgkinson, Frank E., assignor.)						
Printz, Carl J., Milwaukee, Wis. Telephone-transmitter.....	874,118	Dec. 17	3739	786	131	1829
Printz, Samuel. (See Wolkosky, Magidson, Printz, and Wolkosky.)						
Priser, Orion T., Brookville, Ohio. Mail-desk.....	866,218	Sept. 17	2271	634	130	774
Fritchard, David O., Cardiff, Md. Hoisting apparatus.....	863,441	Aug. 13	2117	571	129	2776
Fritchard, George. (See McNish and Gray, assignors.)						
Fritchard, John T., Newark, N. J. Rotary impact-motor.....	852,293	Apr. 30	7194	1510-11	127	3555
Fritchard, Louis M., Boise, Idaho. Treating ores.....	861,535	July 30	4996	.....	129	1770
Fritchard, Reuben L. (See Bonny, Howard R., assignor.)						
Fritchard-Strong Company. (See Kline, David C., assignor.)						
Fritchard, Willard B., assignor of one-half to N. F. Mathon, Waterbury, Conn. Safety-pin.....	861,764	July 30	5352	1476	129	1877
Froal, Arthur B., Jr., New York, N. Y. Tripper or deliverer for belt conveyers.....	840,585	Jan. 8	1620	355-6	126	458
Froal, Arthur B., Jr., New York, N. Y. Apparatus for excavating and removing material.....	874,865	Dec. 24	5212	1098-9	131	2107
Probst, Edward A., Brigham, Utah. Adjustable fire box and grate.....	852,294	Apr. 30	7196	1511	127	3556
Probst, Joseph F. A., Sharpsburg, Pa. Fan attachment for chairs.....	857,669	June 25	4317	912	128	2889
Prochaska, Mathias, Fulton, Ill. Nail-clipper.....	855,665	June 4	420	87	128	1802
Proctor, Augusta, Viroqua, Wis. Device for stretching and drying lace curtains.....	849,853	Apr. 9	2429	496	127	2242
Proctor, Claud A., and A. Gnaegy, Chester, Ill. Ballast-car.....	849,854	Apr. 9	2431	496	127	2043
Proctor and Gamble Company. (See O'Brien, Edward J., assignor.)						
Proctor, John E., Detroit, Mich. Feed-water heater.....	840,252	Jan. 1	928	203	126	252

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Proctor, Maro L., assignor to Czarra & Proctor, Elkhart, Ind. Machine for handling dirt and saving gold.	854,702	May 21	4671	973-4	128	1261
Proctor, William H. W. (See Vandervell and Proctor.)						
Procumier, Henry E., Oak Park, Ill. Electric-cable splicing and distributing box.	848,047	Mar. 26	4730	1031	127	1282
Procumier, William L., Chicago, Ill. Yielding chuck for taps and drills.	859,976	July 16	2549	693	129	907
Proffitt, Edward H., Madison Heights, assignor of one-half to Lynchburg Foundry Co., Lynchburg, Va. Core-arbor.	866,961	Sept. 24	3384	958	130	1156
Progressive Business Co. (See Schuyler, Daniel, assignor.)						
Progressive CO ₂ Power Company. (See Chappell, George H., assignor.)						
Prosch Photographic Shutter and Optical Company. (See Klaiber, Maximilian, assignor.)						
Pross, George F., assignor to E. H. Huenefeld, Cincinnati, Ohio. Bending-machine.	843,910	Feb. 12	2114	452-3	126	2356
Pross, George F., assignor to E. H. Huenefeld Company, Cincinnati, Ohio. Securing means for windows of oven-doors.	860,691	July 23	3660	1003	129	1307
Prossen, Louis P., New York, N. Y. Internal-combustion rotary engine.	851,962	Apr. 30	6555	1365-6	127	3395
Protective Tread Company. (See Farmer, Theodore P., assignor.)						
Protector Last Reinforcing Company. (See Baker, Winthrop D., assignor.)						
Prött, Carl, Hagen, Germany. Drop-hammer.	855,976	June 4	1039	215	128	1956
Prött, Carl, Hagen, Germany. Means for maintaining flow in water-columns.	870,685	Nov. 12	1285	351	131	453
Prött, Carl H., Rheyd, Germany. Apparatus for moistening the air and distributing water and other fluids.	844,466	Feb. 19	3217	694	126	2669
Proudfit, William S., Jr., Chicago, Ill. Loose-leaf binder.	860,885	July 23	3962	1086-7	129	1404
Proudfit, George. (See Garland, Proudfit, and Bowen.)						
Proulx, Joseph N. (See Bouvier and Proulx.)						
Prouty, George W., Dorchester, Mass. Delivery mechanism for printing-presses and similar machines.	865,525	Sept. 10	1203	343-4	130	395
Prouty, George W., Dorchester, Mass. Printing-press.	868,478	Oct. 15	1983	553	130	1959
Prouty, George W., Dorchester, Mass. Feed mechanism for printing-presses and similar machines.	869,329	Oct. 29	3339	918	130	2435
Prouty, George W., Boston, Mass., assignor to Imperial Art Press Co. Platen-throw-off mechanism for printing-presses.	871,439	Nov. 19	2729	689	131	813
Prouty, George W., Boston, Mass., assignor to Imperial Art Press Co. Ink-distributing mechanism for printing-presses.	873,267	Dec. 10	1980	415	131	1513
Prouty, George W., Dorchester, Mass., assignor to Imperial Art Press Co. Printing-press.	875,287	Dec. 31	6090	1271	131	2268
Prouty, Theodore C., assignor to Wilcox Manufacturing Company, Aurora, Ill. Door-hanger.	844,467	Feb. 19	3219	695	126	2670
Prouty, Theodore C., assignor to Wilcox Manufacturing Company, Aurora, Ill. Door-hanger.	844,468	Feb. 19	3222	695	126	2670
Prouty, Theodore C., assignor to Wilcox Manufacturing Company, Aurora, Ill. Mechanical movement.	844,469	Feb. 19	3223	695	126	2671
Prouty, Theodore C., assignor to Wilcox Manufacturing Company, Aurora, Ill. Computing-scale.	862,937	Aug. 13	1356	370	129	2535
Prouty, Theodore C., assignor to Wilcox Manufacturing Company, Aurora, Ill. Quick-acting vise.	874,992	Dec. 31	5517	1152	131	2174
Provandie, Herbert F., Melrose, Mass. Dish for holding oranges, &c.	844,287	Feb. 12	2849	607	126	2539
Providence Engineering Works. (See Brown, Arthur M., assignor.)						
Providence Engineering Works. (See Fuller, Arthur A., assignor.)						
Providence Gas Burner Company. (See Manchester, Frederic H., assignor.)						
Providence Tipping Machine Company. (See Church, William H., assignor.)						
Prowse, George R., Montreal, Quebec, Canada. Cooking apparatus.	851,252	Apr. 23	5091	1071	127	2993
Prudden, Thomas N., San Francisco, Cal. Method and apparatus for protecting marine wooden structures.	855,588	June 4	276	56	128	1766
Pruden, Allan K., St. Paul, Minn. Means for forming sheet-metal eaves-troughs.	861,317	July 30	4649	1271	129	1661
Pruden, Clarence D., St. Paul, Minn. Making troughs.	846,139	Mar. 5	866	181	127	220
Prudential Heating Company. (See Cripps, Alfred G., assignor.)						
Prudhomme, William E., Portland, Oreg. Balance-book.	857,904	June 25	4790	1017-18	128	3006
Prue, Frank J., Woonsocket, R. I. Cop and spindle connector.	860,326	July 16	3089	844	129	1086
Pruett, John M., and W. Ard, Rockville, Ind. Burial-vault mold.	870,045	Nov. 5	268	73	131	92
Prugh, John H. (See Spence, Zimmer, and Prugh.) (Reissue.)						
Prugh, John H., Toledo, Ohio. Surfacing and polishing machine.	871,143	Nov. 19	2068	559	131	713
Pruitt, Frederick, Cleveland, Ohio. Display-holder.	857,108	June 18	3252	684	128	2590
Pry, John C., Shelby, Ohio. Tube-rolling mill.	851,435	Apr. 23	5460	1143	127	3088
Pryce, Edmund H., Yonkers, N. Y. Electric gas-lighter.	854,177	May 21	3679	761	128	1008
Pryce-Jones, Rosina I., Newtown, England. Hair-pin.	848,048	Mar. 26	4732	1031	127	1282
Pryor, D. (See Wilson, Arthur H., assignor.)						
Pryor, Samuel, Utica, N. Y. Stencil-perforating device.	839,888	Jan. 1	171	39	126	48
Pryor, Thomas F., Jr., Newark, N. J. Key-ring.	862,197	Aug. 6	140	39	129	2127
Prytz, Otto E., et al. (See Malmberg, Carl E., assignor.)						
Psilander, Charles A., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Suspension means for electric motors.	862,198	Aug. 6	140	39	129	2123
Puckett, Claiborne W., Kern, Cal. Rotary engine.	871,359	Nov. 19	2542	653-4	131	786
Puckett, Louisa E., Vermilion, S. D. Kettle-cover.	874,437	Dec. 24	4375	921	131	1968
Puddington, Arthur W., Cleveland, Ohio. Automatic air-damper.	866,515	Sept. 17	2700	755	130	907
Puddington, Arthur W., Cleveland, Ohio, assignor to R. Rennie, Toronto, Canada. Smoke-preventing furnace.	864,193	Aug. 27	3264	904	129	3192
Puff, Carl, Spandau, Germany. Barrel for portable firearms and cannon with deepened grooves.	868,938	Oct. 22	2732	754	130	2221
Puffenberger, Judson, Charlotte, Mich. Tongue-support.	865,935	Sept. 10	1845	518	130	606
Puffer Manufacturing Company. (See Murphy, Edward E., assignor.)						
Pugerud, Ola S., New York, N. Y. Rotatable eraser.	853,994	May 21	3307	680	128	917
Pugh, Burton H., Topeka, Kans. Vehicle-cleaning device.	846,614	Mar. 12	1829	402	127	495
Pugh, Burton H., Topeka, Kans. Potato-sorter.	863,642	Aug. 20	2432	668	129	2905
Pugh, Burton H., Topeka, Kans. Potato-digger.	868,006	Oct. 15	1251	347	130	1738
Pulleys, George, New York, N. Y. Device for securing an asbestos covering and plaster to a hot-air duct or pipe.	865,610	Sept. 10	1343	381	130	439
Pulliam, Oswald S., assignor to Pittsburgh Equipment Company, Pittsburg, Pa. End sill for cars.	847,602	Mar. 19	3772	827	127	1014
Pulliam, Oswald S., assignor to Pittsburgh Equipment Company, Pittsburg, Pa. Side-frame construction.	852,079	Apr. 30	6805	1417	127	3459
Pulliam, Oswald S., assignor to Pittsburgh Equipment Company, Pittsburg, Pa. Car-body-underframe construction.	861,765	July 30	5352	1476	129	1877
Pulliam, Oswald S., assignor to Pittsburgh Equipment Company, Pittsburg, Pa. Car-truck.	861,766	July 30	5353	1476	129	1878
Pulliam, Oswald S., assignor to Pittsburgh Equipment Company, Pittsburg, Pa. Bolster.	869,650	Oct. 29	3861	1057	130	2596
Pulliam, Oswald S., assignor to Pittsburgh Equipment Company, Pittsburg, Pa. Bolster.	869,651	Oct. 29	3862	1057	130	2596

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Pulliam, Oswald S., assignor to Pittsburgh Equipment Company, Pittsburg, Pa. Car-truck construction.....	869,652	Oct. 29	3862	1057	130	2596
Pullins, David C., Conway, assignor of one-half to J. C. and D. M. Chenault, Richmond, Ky. Wire-stretcher.....	872,198	Nov. 26	4321	1032	131	1092
Pullis, Pierre P., et al. (See Rothchild, Joseph, assignor.)						
Pullman Company. (See Dodds, Ethan I., assignor.)						
Pulman, Fred, and W. I. Leatherland, Alexandria, Va. Amusement device.....	855,132	May 28	5581	1160-1	128	1522
Puls, Louis, Davenport, Iowa. Scoop-board for wagon-boxes.....	840,656	Jan. 8	1741	383	126	490
Pulsford, Frederick C., Leicester, assignor to R. E. Atkinson, Knighton, England. Steam-heating apparatus.....	872,847	Dec. 3	1122	237	131	1342
Pulsifer, James P., et al. (See Johns, Frank J., assignor.)						
Pulsifer, Walter K. (See Carmody and Pulsifer.)						
Pulsometer Engineering Company. (See Fleuss, Henry A., assignor.)						
Pulster, Henry, assignor of one-half to W. Wilson, Philadelphia, Pa. Stop mechanism..	871,953	Nov. 26	3784	920	131	1010
Pulvermann, Leo, Hamburg, Germany. Process of and apparatus for manufacturing artificial stone.....	871,524	Nov. 19	2918	729	131	842
Pum, Georg, Vienna, Austria-Hungary. Street-sweeping machine.....	857,415	June 18	3822	810	128	2733
Pumberger, Georg, Eberschwang, Austria-Hungary. Working ship-locks.....	872,082	Nov. 26	4098	981-2	131	1055
Pumphrey, Robert B., Baltimore, Md. Meat-slicing machine.....	859,248	July 9	1443	384	129	520
Punches, Bert W., Plymouth, Mich. Magazine-rifle.....	855,589	June 4	277	56	128	1766
Pupke, Arnold W., New York, N. Y. Variable-speed mechanism.....	848,768	Apr. 2	294	61	127	1662
Purcell, Oliver R. (See Busch and Purcell.)						
Purcell, Samuel. (See Hill and Purcell.)						
Purcell, William F., Brooklyn, N. Y., assignor of one-third to E. C. Davidson, Elizabeth, N. J. Bottle-closure.....	864,757	Aug. 27	4157	1154	129	3469
Purdie, Robert, Chicago, Ill. Dust-guard for axle-boxes.....	855,666	June 4	421	88	128	1802
Purdy, Edward R., New York, N. Y., assignor to E. S. Ashworth, Hasbrouck Heights, N. J. Elevator-chain.....	844,288	Feb. 12	2850	608	126	2540
Purdy, William B., Corsica, Pa. Fire-escape.....	866,516	Sept. 17	2701	755	130	907
Puritan Corset Company. (See Williams, Charles H., assignor.)						
Purl, James B., Charleston, Ill. Nut-lock.....	857,755	June 25	4507	951	128	2938
Purnell, Richard H., Rosedale, Miss. Cotton-cultivator.....	852,295	Apr. 30	7199	1512	127	3556
Purnell, Richard H., Rosedale, Miss. Combined cotton chopper and cultivator.....	855,977	June 4	1040	215-16	128	1956
Purpura, Bartolomeo, Wheeling, W. Va. Illusory apparatus.....	872,305	Nov. 26	4536	1074-5	131	1126
Purse, Daniel G., Jr. (See Brown, Mark A., assignor.)						
Pursell, Harry D., Washington Court-House, Ohio. Storm-front for vehicles.....	848,769	Apr. 2	301	62	127	1663
Pursell, John D., Chattanooga, Tenn. Flying-machine.....	869,019	Oct. 22	2850	786-7	130	2257
Purser, James E., Windsor, Ontario, Canada, assignor to J. Morehead, Detroit, Mich. Double-seated valve.....	848,684	Apr. 2	126	27	127	1618
Purser, James E., Windsor, Ontario, Canada, assignor to J. Morehead, Detroit, Mich. Single-seated valve.....	848,685	Apr. 2	127	27	127	1618
Purtle, Albert D., and I. E. Rowland, Salem, W. Va. Automatic gas-regulator and cut-off.....	846,947	Mar. 12	2479	546-7	127	659
Purtle, Albert D., and I. E. Rowland, Salem, W. Va. Making carbon-black.....	866,883	Sept. 24	3264	918	130	1118
Purviance, Nathan M. (See Austin and Purviance.)						
Purvis, George T., and J. King, assignors to A. J. Joyner, Wilson, N. C. Combined planter and fertilizer-distributor.....	850,249	Apr. 16	3142	657	127	2462
Pusey, Hugh. (See Carrington and Pusey.)						
Pusey, Joseph M., Wilmington, Del. Puzzle.....	843,490	Feb. 5	1302	273	126	2119
Pust, Otto A., Holloway, Minn. Bag-holder.....	873,893	Dec. 17	3237	691	131	1756
Puteani, Zdenko von. (See Amtmann, Josef, assignor.)						
Putnam, Alfred E. (See Fogle, William C., assignor.)						
Putnam, Alfred E., Milan, Mich. Computing-calipers.....	853,262	May 14	1798	375	128	488
Putnam, Edmond, Rossville, Ill. Hoisting apparatus.....	874,238	Dec. 17	3981	840	131	1870
Putnam, James D. (See Kent, Leon U., assignor.)						
Putnam, John P., Boston, Mass. Pipe-joint.....	857,905	June 25	4793	1018	128	3007
Putnam, Joseph, Treloar, Mo. Power-transmitting device.....	841,179	Jan. 15	2798	610-11	126	800
Putnam Lumber, Coal & Planing Mill Company. (See Kirk, Albert E., assignor.)						
Putnam, Salmon W., 3d, Fitchburg, Mass. Driving-dog.....	869,653	Oct. 29	3863	1057-8	130	2597
Putnam, Salmon W., 3d, Fitchburg, Mass. Driving-dog.....	869,729	Oct. 29	3983	1100	130	2631
Putnam, Willis E., Worcester, Mass. Sign-operating mechanism.....	865,526	Sept. 10	1206	344	130	397
Putney, John J., Stuart, Iowa. Combined potato cutter and planter.....	860,493	July 16	3333	913-14	129	1166
Putney, Leonard D., St. Louis, Mo. Plumber's tool.....	872,748	Dec. 3	904	187	131	1310
Putsch & Co., H. (See Schulte, Julius, assignor.)						
Putt, Harlie O., Millbury, Ohio. Sound-wave intensifier.....	852,615	May 7	485	89-90	128	128
Puttcamp, Albert H., and L. H. Judson, Los Angeles, Cal. Key-fastener.....	840,711	Jan. 8	1857	409	126	519
Pütz, Peter F., Cassel, Germany. Telescope with prism.....	844,186	Feb. 12	2619	560-1	126	2480
Pye, James, Chicago, Ill. Means for the prevention of the freezing of water-hydrants.....	847,294	Mar. 12	3134	690	127	821
Pyle, George C., Indianapolis, Ind. Lamp apparatus for vehicles.....	843,298	Feb. 5	950	192	126	2031
Pyle, Jesse T., Amarillo, Tex. Pile structure.....	851,436	Apr. 23	5462	1143-4	127	3089
Pym, Charles F., Essex, Ontario, Canada, assignor of one-half to Krentler-Brothers Company, Detroit, Mich. Tack puller and lifter for lasted shoes.....	859,107	July 2	1217	327	129	410
Pym, Charles F., Essex, Ontario, Canada, assignor of one-half to Krentler Brothers Company, Detroit, Mich. Lasting-machine.....	865,936	Sept. 10	1846	518-19	130	606
Pym, Charles F., Essex, Ontario, Canada, assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich. Relasting-machine.....	872,317	Nov. 26	4556	1078-9	131	1130
Pym, Charles F., Essex, Ontario, Canada, assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich. Apparatus for relasting shoes.....	872,318	Nov. 26	4561	1079	131	1130
Pym, Charles F., Essex, Ontario, Canada, assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich. Link-last.....	872,792	Dec. 3	1366	288	131	1382
Pynech, Edwin, Chicago, Ill., assignor to De Vilbiss Manufacturing Company, Toledo, Ohio. Aspirator.....	869,262	Oct. 29	3218	886	130	2400
Quack, Eduard, Elberfeld, Germany. Gas-stove.....	856,366	June 11	1844	378-9	128	2196
Quackenboss, Leonard G., Chicago, Ill. Bay-window.....	845,259	Feb. 26	5039	1072-3	126	3161
Quackenboss, Leonard G., Chicago, Ill. Detachable bay-window.....	854,055	May 21	3433	708-9	128	947
Quackenbush, Henry M. (See Quackenbush, Paul H., assignor.)						
Quackenbush, Paul H., assignor to H. M. Quackenbush, Herkimer, N. Y. Air-gun.....	841,815	Jan. 22	4069	876-7	126	1160
Quade, Frank H., Jr., San Francisco, Cal. Automatic time switch and alarm.....	865,428	Sept. 10	1036	296	130	344
Quaedvlieg, Victor, Stadlau, near Vienna, Austria-Hungary. Tool-cylinder for machines for unhairing hides.....	842,336	Jan. 29	5140	1092	126	1457
Quaintance, Elsworth E., assignor to Permutation Lock and Novelty Manufacturing Company, Denver, Colo. Permutation-lock.....	840,088	Jan. 1	593	129	126	157
Quale, Ralph A., et al. (See Phinney, William B., assignor.)						
Quambusch, Hermann J., Beckacker, near Langerfeld, Germany. Braiding-machine....	861,897	July 30	5548	1531	129	1937
Queneau, Augustin L. J., South Bethlehem, Pa. Making and utilizing gas.....	865,727	Sept. 10	1511	426	130	491

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Quentell, William P., New York, N. Y. Type-setting machine.....	863,442	Aug. 13	2119	571	129	2777
Quertier, Hilary, Dunedin, New Zealand. Rail-cleaner.....	854,668	May 21	4588	958	128	1241
Quesnell, Cornelius. (See Anderson and Quesnell.)						
Quick, Howard L., New York, N. Y. Tentering-machine.....	845,817	Mar. 5	163	32-3	127	44
Quick, Roscoe H., Fiatt, Ill. Bracket.....	841,716	Jan. 22	3854	838	126	1103
Quimby, Charles E., New York, N. Y. Rectal injection apparatus.....	862,507	Aug. 6	681	184	129	2299
Quimby, Charles O., Wakefield, Mass. Floor-rubber.....	863,220	Aug. 13	1810	487	129	2680
Quinby, Edwin J., Portland, Me. Telephone-receiver.....	865,937	Sept. 10	1848	519	130	607
Quincy Elevator Gate Co. (See Fogal, John E. W., assignor.)						
Quincy, Manchester, Sargent Company. (See Cotton, Howard W., assignor.)						
Quinn, Albert G., Cleveland, Ga. End-gate.....	857,302	June 18	3619	766	128	2683
Quinn, David H., assignor of one-half to M. Erickson, Williams, Minn. Water-tank heater.	873,136	Dec. 10	1736	363-4	131	1472
Quinn, Floyd P., Vancouver, British Columbia, Canada. Means for operating log-haul clutches.....	850,250	Apr. 16	3144	658	127	2462
Quinn, Matthew, Kansas City, Mo. Coin-holder.....	845,664	Feb. 26	5849	1235	126	3359
Quinn, Richard S., assignor to Wonder Manufacturing Company, Washington Court-House, Ohio. Range.....	848,264	Mar. 26	5108	1115	127	1378
Quinn, Thomas. (See Volkwein and Quinn.)						
Quirk, Michael W., Jr., Milwaukee, Wis. Ash-sifter.....	841,894	Jan. 22	4237	912	126	1200
Quist John, assignor of one-half to D. Ladwick, Mystic, Iowa. Railway-brake	859,108	July 2	1219	328	129	411
Quistman Manufacturing Company. (See McLeod, Archibald C., assignor.)						
Quivey, William, East Orange, N. J. Vehicle-wheel.....	843,172	Feb. 5	679	142	126	1965
Quong King Long Company. (See Glazer, George F., assignor.)						
R. Neumann Hardware Co. (See Kuhsiek, Albert J. H., assignor.)						
R. E. Dietz Company. (See Betts, Charles L., assignor.)						
R. E. Dietz Company. (See Everett, Ernest C., assignor.)						
R. E. Dietz Company. (See Wright, Frederick K., assignor.)						
R. F. Simmons Company. (See Baker, Henry R., assignor.)						
R. J. Reynolds Tobacco Company <i>et al.</i> (See De Schweinitz, Emil A., assignor.)						
R. K. Le Blond Machine Tool Company. (See Le Blond and Groene, assignors.)						
Raab, Andrew. (See Raab, John and A.)						
Raab, John and A., Tacoma, Wash. Spring-equalizer.....	864,914	Sept. 3	237	64	130	74
Raabe, Otto L., Jersey City, N. J., and G. F. Read, assignors to R. Hoe, New York, N. Y. Delivery mechanism.....	857,962	June 25	4930	1042-4	128	3042
Raabe, Paul, Karlsruhe, Baden, assignor to Deutsche Waffen-und Munitionsfabriken, Berlin, Germany. Device for automatically delivering articles of manufacture from a collecting-receptacle.....	873,268	Dec. 10	1982	415	131	1513
Rabe, Wilhelm, and C. Kamrath, assignors to Landay Brothers, New York, N. Y. Talking-machine.....	859,180	July 2	1337	355	129	451
Rabey, James, Detroit, Mich. Device for facilitating the removal of valves.....	852,846	May 7	962	198	128	245
Rabie, Zephire, assignor of fifty-five one-hundredths to V. La Mont, Duluth, Minn. Measuring device.....	868,363	Oct. 15	1809	509	130	1906
Race, Nicholas W., Waldron, assignor of one-half to O. S. Westerman, Adrian, Mich. Gate-valve.....	839,953	Jan. 1	308	68	126	85
Rach, Carl, New York, N. Y. Cooker for brewing purposes.....	840,370	Jan. 1	1187	260-1	126	312
Racine-Sattley Company. (See Weaver, Ira A., assignor.)						
Radbruch, Christian, Lübeck, Germany. Bottle-stopper.....	844,400	Feb. 19	3096	665	126	2639
Radcliff, Lee, Danvers, assignor of one-half to A. Hay, Bloomington, Ill. Trolley-pole.	854,759	May 28	4803	997	128	1324
Radcliffe, Carlton R., New York, N. Y., assignor, by mesne assignments, to International Patent Corporation, Jersey City, N. J. Mechanical oiler.....	856,180	June 4	1406	297	128	2047
Radcliffe, Carlton R., New York, N. Y., assignor to International Patent Corporation, Jersey City, N. J. Mechanical oiler.....	856,181	June 4	1409	297	128	2048
Radcliffe, Carlton R., New York, N. Y., assignor to International Patent Corporation, Jersey City, N. J. Power-transmission mechanism.....	864,258	Aug. 27	3354	934	129	3219
Radcliffe, Carlton R., New York, N. Y., assignor to International Patent Corporation, Jersey City, N. J. Vaporizer.....	864,687	Aug. 27	4061	1127-8	129	3441
Raddatz, Richard. (See Matchette and Raddatz.)						
Radell, Anthony H., assignor to B. M. Frees, Chicago, Ill. Abrading.....	844,046	Feb. 12	2353	504	126	2414
Rademacher, August, Pocatello, Idaho. Cutlery-sharpening instrument.....	863,443	Aug. 13	2121	571	129	2777
Rader, Gustave, Montclair, N. J. Dumb-waiter shaft.....	850,602	Apr. 16	3816	797	127	2636
Radermacher, John L., New York, N. Y. Extension side ledge for spring-beds.....	859,409	July 9	1700	452	129	603
Radford, George S. (See Groesbeck and Radford.)						
Radford, Henry B., assignor to J. A. Lyons, Chicago, Ill. Cleaning and polishing compound.....	852,903	May 7	1091		128	279
Radford, Stephen C., Oshkosh, Wis. Combined water and chemical sprinkling system.....	845,892	Mar. 5	339	70	127	87
Radloff, Fred. (See Kormil, Alexander, assignor.)						
Radloff, Frederick, Goldendale, Wash. Wood-saw.....	859,249	July 9	1444	384-5	129	520
Rado, Louis, and D. Kerekes, Branford, Conn. Car-coupling.....	867,753	Oct. 8	802	226	130	1579
Radtke, Albert A., Chicago, Ill. Electrical indicating apparatus.....	849,698	Apr. 9	2121	437	127	2163
Radtke, Albert A., Chicago, Ill. Heating device.....	865,527	Sept. 10	1208	345	130	397
Radtke, William E., Milwaukee, Wis. Ink-receptacle.....	858,669	July 2	539	138-9	129	186
Rae, Frank B., Detroit, Mich. Machine-brake.....	841,441	Jan. 15	3308	715-16	126	930
Rae, Frank B., Detroit, Mich. Air-brake.....	859,334	July 9	1589	422	129	568
Rae, James J. (See Petterson and Rae.)						
Rae, John C. (See Roney and Rae.)						
Raeder, William L. (See Norton, James A., assignor.)						
Rafalsky, Albert, Stapleton, assignor to P. Eckhardt & Co., New York, N. Y. Suit-case handle.....	847,821	Mar. 19	4248	930	127	1126
Rafferty, Thomas J., <i>et al.</i> (See Moore, John J., assignor.)						
Rafferty, William J., Chicago, Ill. Air-purifying water-screen.....	846,344	Mar. 5	1244	274	127	313
Raftican, Thomas J., Youngstown, Ohio. Combined hotel-register and account-checking system.....	851,437	Apr. 23	5464	1144	127	3089
Rägener, Heinrich, Lehe, Germany. Means for furling sails.....	863,444	Aug. 13	2121	572	129	2778
Rago, Carmen, Chicago, Ill. Grain-car.....	865,938	Sept. 10	1849	519	130	608
Ragona, Salvador, New York, N. Y. Cigarette-machine.....	869,394	Oct. 29	3434	945	130	2465
Ragsdale, William G., Jamestown, N. C. Top roll for spinning-machines.....	840,010	Jan. 1	428	93	126	116
Ragsdale, William G., Jamestown, N. C. Bobbin-holder.....	867,532	Oct. 1	460	133	130	1457
Rahn, Philip, New Orleans, La., assignor of one-half to C. Reymerhoffer, Galveston, Tex. Domestic boiler.....	867,598	Oct. 8	577	163	130	1510
Rahn, Robert C., assignor to Textile Machine Works, Incorporated Wyomissing, Pa. Braiding machine.....	856,985	June 11	3002	631	128	2485
Rahn, Charles C., Thompsonville, Conn. Display-box.....	843,364	Nov. 5	1067	220	126	2060
Rahn, John B., Racine, Wis. Driving-gear.....	870,315	Feb. 5	695	188	131	228
Rahtjen, Arnold, and C. Stephan, Hamburg, Germany; said Stephan assignor to said Rahtjen. Making indigo.....	850,444	Apr. 16	3516		127	2561

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Raible, John F. (See Raible, Pius and J. F.)						
Raible, Pius and J. F., Chicago, Ill. Registering device for printing-chases.	866,683	Sept. 24	2963	839	130	1017
Raiche, Andrew, Quincy, Mass., assignor, by mesne assignments, to Peerless Machinery Company. Hook-setting machine.	843,697	Feb. 12	1711	365	126	2256
Rail Joint Company. (See Braine, Bancroft G., assignor.)						
Rail Joint Company. (See Brothers, James H., assignor.)						
Rail Joint Company. (See Weeks, Charles A., assignor.)						
Rail Joint Company. (See Wolhaupter, Benjamin, assignor.)						
Railey, John W., Lewiston, Me. Milk-can.	868,479	Oct. 15	1986	553	130	1961
Railroad Supply Company. (See Bell, Edwin H., assignor.)						
Railroad Supply Company. (See Vaughan, Henry H., assignor.)						
Railroad Supply Company. (See Vaughan, Henry H., assignor.) (Reissue.)						
Railroad Supply Company. (See Vogel, Eugene W., assignor.)						
Railway Chemical Sprayer Company. (See Pearse, John V., assignor.)						
Railway Electric Signal Company. (See Orcutt and Sheldon, assignors.)						
Railway Safety Signal Company. (See Orcutt, Edward L., assignor.)						
Railway Specialty & Supply Company. (See Poor, Fred A., assignor.)						
Railway Steel-Spring Company. (See Caswell, Frederick K., assignor.)						
Railway Supplies. (See Williams, George H., assignor.) (Reissue.)						
Railway Supplies Limited. (See Seward, Edward C., assignor.)						
Railway Time-Saving Association. (See Keefe, Michael C., assignor.)						
Rain, Robert E., <i>et al.</i> (See Thomas, Eliza M., assignor.)						
Rainaud, Georges E., Vincennes, France. Box for illuminated signs and transparencies.	845,478	Feb. 26	5500	1164	126	3274
Raines, Stephen H., and A. O. Schuessler, Mason, Tex. Vehicle-axle.	844,893	Feb. 19	4330	924	126	2941
Raines, William E., assignor of one-half to W. W. Nutting, Salt Lake City, Utah. Door-securer.	870,846	Nov. 12	1552	426	131	535
Rainess, Abraham, and B., New York, N. Y. Device for securing scarf-pins.	875,379	Dec. 31	6271	1308	131	2298
Rainess, Bernard. (See Rainess, Abraham and B.)						
Rainey, Harry, Newark, Ohio. Locomotive valve-gear.	849,497	Apr. 9	1766	357	127	2073
Rains, Eleazer L., <i>et al.</i> (See Condon, Edward J., assignor.)						
Rainville, Victor, Nashua, N. H., assignor to Draper Company, Hopedale, Mass. Harness-controlled stop-motion for looms.	840,958	Jan. 8	2346	515	126	639
Rainwater, James E., Georgetown, S. C. Advertising device.	845,893	Mar. 5	348	70	127	91
Raithel, Friedrich, Windsheim, Germany. Gypsum-burning kiln.	852,616	May 7	487	90	128	128
Rajner, Béla, Budapest, Austria-Hungary. Convertible furniture.	836,874	Aug. 20	2771	762	129	3012
Rake, James L., Reading, Pa., and C. Richardson, New York, N. Y., assignors to Barber Asphalt Paving Company, Philadelphia, Pa. Manufacture of bituminous concrete.	875,288	Dec. 31	6092	131	2269	
Rakestraw, Thomas G., Detroit, Mich. Feed-water regulator.	861,536	July 30	4997	1371	129	1770
Rakestraw, Thomas G., assignor to U. S. Boiler Supply Company, Detroit, Mich. Water-feed regulator.	870,046	Nov. 5	270	74	131	92
Ralls, John C., assignor of one-half to E. J. Fleming and P. Usner, Los Angeles, Cal. Fuse-holder.	851,997	Apr. 30	6623	1379	127	3413
Ralph, Joseph E., Newark, N. J. Card-index.	857,202	June 18	3435	725	128	2636
Ralston, James E., assignor of one-half to J. Cawein, New York, N. Y. Deodorizing apparatus.	862,508	Aug. 6	682	185	129	2299
Ralston, James H., Snowmass, Colo. Water-elevating device.	847,508	Mar. 19	3579	787	127	963
Ralston, John M., Barrhead, assignor to J. H. and T. O. Mathieson, Glasgow, Scotland. Nut-tapping machine.	862,281	Aug. 6	289	81	129	2173
Ralston, Reuben P., Woodsfield, Ohio. Electric sparker for gas-engines.	841,816	Jan. 22	4073	877	126	1161
Ralston Steel Car Company. (See Becker, Anton, assignor.)						
Ralston Steel Car Company. (See Becker, Anton, assignor.) (Reissue.)						
Ralston Steel Car Company. (See Irwin, Frank L., assignor.)						
Ralston Steel Car Company. (See Irwin and Tesseymann, assignors.)						
Ralston, William A. (See Bennett and Ralston.)						
Ralston, William A., assignor of one-half to G. R. Fuller and one-fourth to F. T. Byrne, Rochester, N. Y. Coin-sorter.	847,438	Mar. 19	3445	756	127	927
Ralston, William M., Fostoria, Ohio. Railway-signal.	841,046	Jan. 8	2517	550	126	684
Ramage, Alexander S., Detroit, Mich. Regenerating waste liquors from the manufacture of chrome pigments.	855,019	May 28	5332	128	1461	
Ramage, Alexander S., Detroit, Mich. Making lead pigments.	870,316	Nov. 5	697	131	228	
Ramage, Alexander S., Detroit, Mich. Preparing sodium sulfate and compounds of lead.	871,066	Nov. 12	1898	131	644	
Ramage, William E., and H. D. Shaw, assignors to Berkshire Hills Paper Co., Adams, Mass. Paper-making machinery.	864,554	Aug. 27	3843	1065	129	3375
Ramapo Iron Works. (See Strong, James B., assignor.)						
Ramazotti, Carlo. (See De Luigi and Ramazotti.)						
Ramb, Jacob, Berlin, Germany. Tailor's dummy.	868,480	Oct. 15	1987	554	130	1961
Rambaldini, Giovanni, Miniera di Boceggiano, Italy. Roasting of pyritous minerals.	840,253	Jan. 1	930	203	126	252
Rambaldini, Giovanni, Grosseto, Italy. Electrolysis.	861,226	July 23	4482	1229	129	1573
Ramby, Charles E. (See Reser, William S., assignor.)						
Ramer, Walter W. (See Fuhlendorf and Grothe, assignors.)						
Ramey, F. E., <i>et al.</i> (See Baker and Irish, assignors.)						
Ramlose, James S., Newport, R. I. Channel-cutter.	863,939	Aug. 20	2866	789	129	3041
Ramminger, Phillip, Plymouth, Wis. Bureau.	851,834	Apr. 30	6285	1310-11	127	3327
Ramos Augusto Sao Paulo, Brazil, assignor to Marcus Mason & Company, New York, N. Y. Drier.	850,398	Apr. 16	3427	718	127	2534
Ramsay, Andrew, Mount Savage, Md. Brick-cutting machinery.	867,149	Sept. 24	3667	1041	130	1240
Ramsay, David M. (See Reid and Ramsay.)						
Ramsay, James. (See Dawson and Ramsay.)						
Ramsay, John L., <i>et al.</i> (See McCarthy, John F., assignor.)						
Ramsdell, James H., Newton Falls, Ohio. Nut-lock.	874,540	Dec. 24	4596	965	131	2001
Ramsden, Edwin R., Jersey City, N. J. Non-refillable bottle.	865,939	Sept. 10	1849	520	130	608
Ramsden, John T., assignor to Tabor Manufacturing Company, Philadelphia, Pa. Clamp for molders' flasks.	845,665	Feb. 26	5851	1235	126	3360
Ramsey, Basil P., Louisville, Ga. Display-case.	855,201	May 28	5713	1189	128	1555
Ramsey, John, New York, N. Y., assignor, by mesne assignments, to Ramsey Manufacturing Company, Boston, Mass. Bottle-filling machine.	841,442	Jan. 15	3311	716	126	931
Ramsey Manufacturing Company. (See Ramsey, John, assignor.)						
Ramsey, Stanley M., Cincinnati, Ohio. Roll-paper container and cutter.	851,835	Apr. 30	6286	1311	127	3327
Ramsperger, Joseph, Stuttgart, Germany. Key-changing device for keyed instruments.	844,401	Feb. 19	3098	665	126	2639
Ramsperger, Joseph, York, Pa. Artificial tooth.	854,842	May 28	4969	1034	128	1368
Ramsperger, Joseph, York, Pa. Securing dowel-pins in artificial teeth.	858,827	July 2	818	212	129	283
Ramsperger, Joseph, York, Pa. Artificial tooth.	858,828	July 2	819	212	129	283
Ramsperger, Joseph, York, Pa. Fastening pins in artificial teeth.	859,335	July 9	1590	422	129	569
Ranck, John V., Cleveland, Ohio. Rotary explosive-engine.	865,206	Sept. 3	675	192	130	205

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Rand, Charles A. A., Chicago, Ill. Platform-folding device for reapers.....	856,986	June 11	3004	631	128	2486
Rand, Frederick K., and W. R. Hines, Cleveland, Ohio. Wheel-rim.....	857,830	June 25	4648	986	128	2972
Rand, James H., Newtonville, Mass. Assorting device.....	867,599	Oct. 8	578	164	130	1510
Rand, McNally & Co. (See Dawson, John, assignor.)						
Randall, Arthur F., Somerville, Mass. Fastener.....	847,295	Mar. 12	3137	690	127	822
Randall, Clayton, Mabel, Minn. Telephone-linemans' grab-seat.....	857,203	June 18	3438	725	128	2637
Randall Dispensing Apparatus Company. (See Randall, Edwin R., assignor.)						
Randall, Edwin R., East Providence, assignor to Randall Dispensing Apparatus Company, Providence, R. I. Liquid-dispensing apparatus.....	864,555	Aug. 27	3845	1065	129	3375
Randall, Eugene S., <i>et al.</i> (See Page, Herbert J., assignor.)						
Randall, Frank D., assignor of one-third to E. E. Browne, Waupaca, Wis. Die for cutting screw-threads.....	853,596	May 14	2463	513	128	665
Randall, Fred A. (See Morrill and Randall.)						
Randall, George R. (See Cunane, John, assignor.)						
Randall, Henry J., East Cohoctah, Mich., assignor to F. E. Myers and Brother, Ashland, Ohio. Door-hanger.....	845,479	Feb. 26	5501	1164	126	3274
Randall, John. (See Randall, Wellington and J.)						
Randall, Joseph E., Sandpoint, Idaho. Combination truck and step-ladder.....	867,754	Oct. 8	803	226	130	1579
Randall, Karl C., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Cooling system.....	853,263	May 14	1800	375	128	488
Randall, Karl C., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of distribution.....	853,374	May 14	2042	423	128	556
Randall, Karl C., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Cooling and ventilating system.....	853,375	May 14	2043	423	128	556
Randall, Roy C., Kirkwood, Ill. Animal-trap.....	873,783	Dec. 17	3014	639	131	1720
Randall, Thomas J., assignor to Sunset Hospital, Los Angeles, Cal. Cataphoric apparatus.....	868,123	Oct. 15	1427	401	130	1792
Randall, Wellington and J. Marysville, Wash. Earth-scraping machine.....	855,336	May 28	5952	1242	128	1617
Randall, William P. (See Holman, Leslie A., assignor.)						
Randall, William P., Le Roy, N. Y. Wire-feeding device.....	864,860	Sept. 3	153	43	130	48
Randolph Inkwell Company. (See Randolph, Jephtha B., assignor.)						
Randolph, Jephtha B., Omaha, Nebr. Ink-well.....	846,615	Mar. 12	1830	402	127	495
Randolph, Jephtha B., Omaha, Nebr. Ink-well.....	860,825	July 23	3855	1057	129	1369
Randolph, Jephtha B., assignor to Randolph Inkwell Company, Omaha, Nebr. Ink-well.....	847,603	Mar. 19	3773	827	127	1014
Randolph, Marion W., Seattle, Wash. Cabinet.....	845,707	Feb. 26	5925	1252	126	3380
Randolph, Marion W., Seattle, Wash. Stove.....	865,940	Sept. 10	1851	520	130	608
Randolph, Walter J., Eminence, Mo. Fire-alarm.....	862,199	Aug. 6	141	39-40	129	2128
Rands, William C., Detroit, Mich. Concealed fitting for mounting vehicle-tops.....	859,250	July 9	1446	385-6	129	521
Raney Canner Co. (See Raney, Thomas H., assignor.)						
Raney, Lee M. (See Waddington, Benjamin, assignor.)						
Raney, Thomas H., assignor to Raney Canner Co., Chapel Hill, N. C. Fruit-canning device.....	873,603	Dec. 10	2658	560	131	1628
Rankin, Antonie S. (See Rankin, William A., assignor.)						
Rankin, Cora I., New York, N. Y. Collar-supporter.....	847,604	Mar. 19	3775	828	127	1014
Rankin, Herman P., Hartington, Nebr. Trap-nest.....	869,263	Oct. 29	3219	886-7	130	2400
Rankin, Hiram S., assignor to Rankin Lubricating Valve Co., Cripple Creek, Colo. Valve.....	857,484	June 18	3962	841	128	2767
Rankin Lubricating Valve Co. (See Rankin, Hiram S., assignor.)						
Rankin, Robert, assignor to Pratt, Read & Company, Deep River, Conn. Balanced key for organs, pianos, &c.....	866,066	Sept. 17	2063	575	130	705
Rankin, William A., assignor of one-third to A. S. Rankin, Toledo, Ohio. Manifolding attachment.....	854,703	May 21	4673	974	128	1261
Rankin, William A., assignor to Allis-Chalmers Company, Milwaukee, Wis. Roasting-furnace.....	863,045	Aug. 13	1513	411	129	2585
Rankin, William K., assignor to J. E. Reyburn, Philadelphia, Pa. Brake-cylinder.....	872,369	Dec. 3	111	21	131	1184
Rankin, William K., and T. F. Kelly, assignors to J. E. Reyburn, Philadelphia, Pa. Electric and pneumatic governor.....	871,360	Nov. 19	2543	654	131	786
Rankin, William W. (See Clifford and Rankin.)						
Ranney, William C., trustee. (See Doman, Lewis B., assignor.)						
Ransom, Albert, and M. E. Goodhue, Chicago, Ill. Head for feather dusters.....	866,302	Sept. 17	2403	670	130	813
Ransom, George F., Oshkosh, Wis. Grinding-machine.....	863,643	Aug. 20	2433	668-9	129	2905
Ransom, Henry N., Cleveland, Ohio, assignor to General Electric Company. Air-brake system.....	867,533	Oct. 1	462	133	130	1457
Ransom, Henry N., Albany, N. Y., assignor to General Electric Company. Air-brake system.....	868,481	Oct. 15	1988	554	130	1961
Ransom, Paul D., <i>et al.</i> (See Perkins, George E., assignor.)						
Ransom & Randolph Company. (See Hullhorst, William G., assignor.)						
Ransome, Arthur W., New York, N. Y. Concrete-mixer.....	870,797	Nov. 12	1473	398	131	512
Ransome, Ernest L., New York, N. Y. Means for molding pipes.....	868,007	Oct. 15	1252	347	130	1739
Ranson, Albert V., Johnstown, Pa. Folding umbrella.....	858,212	June 25	5436	1160	128	3172
Ranson, Charles, Brussels, Belgium, assignor to H. W. de Stuckle, Dieuze, Germany. Apparatus for producing alkali hydrates and zinc sulfid.....	850,965	Apr. 23	4524	947	127	2853
Rapeport, Barnet, New York, N. Y. Folding box.....	869,517	Oct. 29	3639	997	130	2528
Raphael Tuck & Sons Co. (See Tuck, Gustave, assignor.)						
Raphael, Isadore, Campti, La. Faucet.....	845,260	Feb. 26	5042	1073	126	3161
"Rapid Fire" Fuse Igniter Company. (See Herr, Arthur T., assignor.)						
Rapier, Mildred J., Beaumont, Tex. Hand device for operating sewing-machines.....	844,187	Feb. 12	2622	561	126	2481
Rapke, Victor H., New York, N. Y. Horn-support.....	855,978	June 4	1043	216	128	1957
Rapp, Joseph, assignor of one-half to L. F. Lumaghi, Collinsville, Ill., and J. D. Lumaghi, St. Louis, Mo. Coal screening and grading apparatus.....	846,140	Mar. 5	866	181	127	221
Rapp, Joseph, assignor of one-half to L. F. Lumaghi, Collinsville, Ill., and J. D. Lumaghi, St. Louis, Mo. Coal-washer.....	846,141	Mar. 5	868	182	127	221
Rappelee, Francis D., Green Bay, Wis. Screw-driver attachment.....	845,978	Mar. 5	523	108	127	135
Rappelee, Francis D., assignor to Green Bay Cot Company, Green Bay, Wis. Mosquito-net support.....	870,465	Nov. 5	937	256	131	306
Rappeport, Ludwig, Vienna, Austria-Hungary. Production of meal from wheat and other farinaceous products of poor baking quality.....	839,889	Jan. 1	173		126	48
Rappleve, Samuel B., Philadelphia, Pa. Oil-burner.....	870,317	Nov. 5	698	188	131	229
Rapson, Hobart D., Philadelphia, Pa. Spinning-top.....	858,415	July 2	81	22	129	28
Raquette Foundry & Supply Company. (See Huntington, O'Neill, and Noone, assignors.)						
Rarig, Welden C., Ogden, Utah. Sickle-support for grindstones.....	869,983	Nov. 5	159	43	131	53
Rasche, Henry, Alki Point, Wash., assignor to American Wood Extract Co. Apparatus for extracting turpentine from wood.....	850,098	Apr. 9	2844	595	127	2344
Raschen, Julius, A. E. Wareing, and J. H. Shores, assignors to United Alkali Company, Limited, Liverpool, England. Purification of arsenical sulfuric acid.....	863,940	Aug. 20	2867	789-90	129	3042
Rash, Leonard M., Los Angeles, Cal. Blue-printing machine.....	868,884	Oct. 22	2638	729	130	2190
Rashkin, Joseph, New York, N. Y. Chain-attaching bracket for elevator-shaft doors.....	857,109	June 18	3253	684	128	2590

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Rashkin, Joseph, New York, N. Y. Door for elevator-shafts.....	871,735	Nov. 19	3287	813	131	907
Rasmussen, Charles, <i>et al.</i> (See Nolan, James M., assignor.).....						
Rasmussen, Christian H., Troy, N. Y. Brush-filling apparatus.....	859,518	July 9	1848	497-8	129	652
Rasmussen, Erik A., Hot Springs, S. D. Railway-tie.....	840,959	Jan. 8	2348	515	126	640
Rasmussen, Frode, Inglewood, Victoria, Australia. Trap for rabbits and other animals.....	870,251	Nov. 5	595	159	131	195
Rasmussen, Nels. (See Harris, Bremer, and Rasmussen.).....						
Rasnick, Noah W., Dickenson county, Va. Wrench.....	850,315	Apr. 16	3265	680	127	2496
Rasor, Harry F., Barberton, Ohio. Grate.....	851,608	Apr. 23	5802	1213	127	3171
Rasor, Harry F., Barberton, Ohio. Hot-air furnace.....	852,617	May 7	489	90-1	128	129
Ratcliff, James E., Dawson, Ill. Ironing-table.....	850,966	Apr. 23	4526	947	127	2853
Rateau, Auguste C. E., Paris, France, assignor to Rateau Turbine Company, Chicago, Ill. Turbine-driven blower.....	855,809	June 4	703	143	128	1873
Rateau, Auguste C. E., Paris, France, assignor to Rateau Turbine Company, Chicago, Ill. Pumping apparatus. (Reissue).....	12,723	Nov. 19	3380	828-9	131	919
Rateau Turbine Company. (See Rateau, Auguste C. E., assignor.).....						
Rateau Turbine Company. (See Rateau, Auguste C. E., assignor.) (Reissue.).....						
Rath, Frank, Binghamton, N. Y., assignor to Bundy Manufacturing Company. Resetting mechanism for wheels.....	859,410	July 9	1700	452-3	129	604
Rathbone, David H., Dexter, N. Mex. Ter. Attachment for fishing-tools.....	868,809	Oct. 22	2337	699	130	2161
Rathbone, John A., Utica, N. Y. Mold.....	861,318	July 30	4650	1271	129	1662
Rathbone, Sard & Co. (See Van Buren, Jafew S., assignor.).....						
Rathbone, Sard & Company. (See Genthner, Charles M., assignor.).....						
Rathbun, Charles B., Canton Junction, Mass. Leather-clamp.....	854,603	May 21	4470	931	128	1211
Rathbun, Henry E. (See Casey and Rathbun.).....						
Rathbun, John B., assignor to C. G. Kingwill, Hammond, Ind. Electric reciprocating device.....	864,259	Aug. 27	3357	934-5	129	3220
Rathenower Optische Industrie-Anstalt vorm. Emil Busch Actiengesellschaft. (See Martin, Karl, assignor.).....						
Rathenower Optische Industrie-Anstalt vormals Emil Busch, A. G. (See Martin, Karl, assignor.).....						
Rathke, Herman J., Rochester, N. Y. Band-saw guide.....	843,097	Feb. 5	529	110	126	1929
Ratliff, George W., Kyana, assignor of one-half to J. W. Haas, Schnellville, Ind. Drenching-bit.....	874,239	Dec. 17	3983	840	131	1871
Rattan Mfg. Co. (See Dann, George E., assignor.).....						
Rattan Mfg. Co. (See Dann, Isaac N. and G. E., assignors.).....						
Rattan Mfg. Co. (See Todd, Andrew B., assignor.).....						
Rattigan, Mary J., Pittsburg, Pa. Hook and eye.....	849,161	Apr. 2	1113	224	127	1873
Rattle, William, <i>et al.</i> (See Wetherbee, Herbert E., assignor.).....						
Ratz, John W., Tavistock, Ontario, Canada. Hot-air register.....	846,616	Mar. 12	1833	403	127	496
Rau, Alexander W. (See Nott and Rau.).....						
Rau, Henry, Jr., assignor of one-half to W. H. Rhine and G. E. Demuth, Baltimore, Md. Pneumatic track-sander.....	865,941	Sept. 10	1852	520	130	609
Rau, Henry, Jr., assignor of one-half to W. H. Rhine and G. E. Demuth, Baltimore, Md. Pneumatic track-sander.....	865,942	Sept. 10	1854	520-1	130	609
Rau, John, Easton, Pa. Micrometer.....	841,271	Jan. 15	2975	647	126	844
Rauch, George F., Medford, Wis. Invalid-rest.....	858,908	July 2	935	244	129	321
Rauch, John D. (See Karr and Rauch.).....						
Rauch, John J. (See McCabe and Rauch.).....						
Rauh, Leopold. (See Dana, William H., assignor.).....						
Rauhe, Carl, Dusseldorf, Germany. Swage for dental crown-plates and similar articles.....	866,962	Sept. 24	3386	958	130	1157
Rauhe, Carl, Dusseldorf, Germany. Dental bur.....	866,963	Sept. 24	3387	958	130	1157
Raupach, Fritz, London, England. Fastening device.....	855,337	May 28	5953	1242	128	1617
Raus, Anton, Cleveland, Ohio. Single-trigger mechanism.....	870,318	Nov. 5	699	188-9	131	229
Rauschenbusch, Moritz, Kirchen, Germany. Toilet-case.....	862,104	July 30	5872	1627	129	2040
Raubord, Zebulon, assignor of one-half to S. Berlowitz and D. Rothman, Milwaukee, Wis. Lock.....	874,438	Dec. 24	4376	921	131	1968
Rautenberg, Isidor, Chicago, Ill. Folding sled or go-cart.....	846,618	Mar. 12	1836	404	127	497
Rauwald, Joseph, Milwaukee, Wis. Altar-tabernacle.....	841,180	Jan. 15	2800	611	126	801
Ravallier, Jules J., Paris, France. Canoe-carriage.....	875,210	Dec. 31	5938	1238	131	2245
Ravan, John. (See Hourigan, John J., assignor.).....						
Raven, Frederick, Korrumburra, Victoria, Australia. Milking-machine and connections.....	864,988	Sept. 3	357	96	130	112
Raven, Vincent L., Darlington, England. Railway signaling apparatus.....	867,150	Sept. 24	3669	1041-2	130	1241
Raven, Vincent L., Darlington, England. Railway signaling apparatus.....	867,151	Sept. 24	3678	1043	130	1245
Raven, Vincent L., Darlington, England. Railway signaling apparatus.....	867,152	Sept. 24	3682	1043	130	1248
Rawdon, Charles R., St. Louis, Mo. Wrench.....	841,047	Jan. 8	2519	550	126	685
Rawe, William H., Pawtucket, R. I. Stop and waste cock.....	850,251	Apr. 16	3146	658	127	2463
Rawley, Fleming C., Dublin, Ky. Fence-post.....	858,829	July 2	820	213	129	283
Rawlings, J. C. (See Wright, James C., assignor.).....						
Rawlings, James C. (See Wright, James C., assignor.).....						
Rawlings, Samuel E. (See Fay, Alpheus, assignor.).....						
Rawlins, Horace E., Derwent, Ohio. Mining-machine chain.....	868,291	Oct. 15	1684	475	130	1871
Rawlinson, Charles, St. Louis, Mo. Truck.....	843,234	Feb. 5	814	167	126	2000
Rawlinson, Charles, St. Louis, Mo. Combined truck and supporting-stand.....	854,381	May 21	4050	837	128	1108
Rawlinson, William, East Ham, England. Apparatus for sharpening, removing, and replacing cutter-sections.....	873,894	Dec. 17	3239	691	131	1757
Raworth, John S., Streatham, England. Controller for electrically-propelled vehicles.....	849,749	Apr. 9	2208	455-6	127	2184
Rawson, Delia B., Los Angeles, Cal. Shade-pull.....	867,534	Oct. 1	464	133	130	1458
Rawson, Frank C., Worcester, Mass. Stone-boat.....	846,617	Mar. 12	1834	403	127	496
Rawson, George E., Louisville, Ky. Buckle.....	858,104	June 25	5241	1111	128	3123
Rawson, Henry W. (See Knight, Ellsworth L., assignor.).....						
Ray, Albert D., Cleveland, Ohio. Vehicle-tire.....	867,600	Oct. 8	579	164	130	1510
Ray, Alonzo. (See Philbrick and Ray.).....						
Ray, Arthur T., Georgetown, Tex. Cotton-topper.....	859,109	July 2	1220	328	129	411
Ray, Charles M., Lake City, Fla. Pump-piston.....	854,382	May 21	4052	837	128	1108
Ray, Charles T. (See Schofield and Ray.).....						
Ray, Daniel J., <i>et al.</i> (See Wells, Ralph N., assignor.).....						
Ray, David B., Huntington, N. Y. Type-channel for type-distributing machines.....	843,173	Feb. 5	681	142	126	1966
Ray, David B., New York, N. Y. Type-distributing machine.....	845,261	Feb. 26	5044	1074-5	126	3162
Ray, James A., Wichita, Kans. Boiler-cleaner.....	846,051	Mar. 5	679	143	127	174
Ray, Joseph, Decatur, Ill. Pie-pan lifter.....	872,683	Dec. 3	768	160	131	1289
Ray, Joseph C., assignor of one-half to D. E. Carter and J. A. Moore, Selmer, Tenn. Switch.....	846,863	Mar. 12	2304	507	127	617
Ray, William F., Vancouver, British Columbia, assignor of one-half to O. Holmer, Bellingham, Wash. Cuspitor.....	863,445	Aug. 13	2122	572	129	2778
Rayburn, Guy H., assignor of one-half to S. R. Hewitt, Columbus, Ohio. Molder's flask.....	842,700	Jan. 29	5965	1258	126	1668

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Rayer, Carl, Esslingen, Germany. Gas-boiler.....	853,995	May 21	3309	681	128	918
Raymond, Alfred A., Chicago, Ill., assignor to Raymond Concrete Pile Company, Jersey City, N. J. Pile and forming the same.....	839,954	Jan. 1	309	68	126	85
Raymond, Alfred A., Chicago, Ill., assignor to Raymond Concrete Pile Company, Trenton, N. J. Pile-core.....	845,120	Feb. 26	4778	1013	126	3095
Raymond, Alfred A., assignor to Raymond Concrete Pile Company, Chicago, Ill. Pile-core.....	848,395	Mar. 26	5375	1172-3	127	1440
Raymond, Alfred A., Chicago, Ill., assignor to Raymond Concrete Pile Company, Trenton, N. J. Machine for making paper shells.....	848,851	Apr. 2	509	100-3	127	1718
Raymond, Alonzo C., Detroit, Mich. Apparatus for partition construction.....	861,767	July 30	5354	1476-7	129	1878
Raymond, Charles E., Wheeling, W. Va. Collapsible crib.....	852,296	Apr. 30	7200	1512	127	3557
Raymond Concrete Pile Company. (See Poor, George H., assignor.)						
Raymond Concrete Pile Company. (See Raymond, Alfred A., assignor.)						
Raymond, Edward A., and W. Jensen, Chicago, Ill. Garment-supporter.....	855,529	June 4	161	32	128	1735
Raymond, Edwin W., Los Angeles, Cal. Roller appliance for rocking-chairs.....	850,782	Apr. 16	4164	872	127	2723
Raymond, Freeborn F., 2d, Newton, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Machine for compressing heels.....	860,692	July 23	3662	1003-4	129	1307
Raymond, George A., Adrian, assignor to Michigan Woven Wire Fence Co., Detroit, Mich. Wire-fabric-weaving machine.....	843,299	Feb. 5	951	192-5	126	2032
Raymond, George G., New Rochelle, N. Y. Support for electric cables.....	851,375	Apr. 23	5345	1120-1	127	3058
Raymond, George L., Binghamton, N. Y. Egg-beater.....	868,124	Oct. 15	1428	401	130	1792
Raymond, George W., Morris, Ill. Draft-equalizer.....	862,413	Aug. 6	510	137	129	2245
Raymond, Harry, Kenosha, Wis. Railway-switch-operating mechanism.....	858,416	July 2	82	22-3	129	28
Raymond, Helen H., Denver, Colo. Head-rest.....	864,335	Aug. 27	3465	965	129	3253
Raymond, John F., Scottsbluff, Nebr. Feed-chopper.....	871,736	Nov. 19	3289	814	131	907
Raymond, John W., Beverly, Mass. Combination-lock.....	843,365	Feb. 5	1068	220	126	2060
Raymond, Marshall C., Rutland, Vt. Combination-tool.....	855,338	May 28	5955	1242	128	1617
Raymond, Nelson H., Brooklyn, assignor to A. C. Patterson, New York, N. Y. Electric bell.....	858,909	July 2	936	244	129	322
Raymond, Nelson H., Brooklyn, and J. C. Vetter, Coney Island, assignors to A. C. Patterson, New York, N. Y. Electrotherapeutic apparatus.....	859,011	July 2	1091	288	129	371
Raymond, Nelson H., Brooklyn, and J. C. Vetter, Coney Island, assignors to A. C. Patterson, New York, N. Y. Electrotherapeutic apparatus.....	872,148	Nov. 26	4222	1007	131	1076
Raymond, Walter B. (See Barnes, James C., assignor.)						
Raymond, Walter L. (See Watt, Robert T., assignor.)						
Raynaud, Charles F., San Francisco, Cal. Folding paper box.....	871,767	Nov. 19	3371	827	131	918
Raynesford, Merton R., Ellis, Kans. Bench-stop.....	862,656	Aug. 6	929	249	129	2370
Raynor, Willett M., New York, N. Y. Loose-leaf binder.....	851,693	Apr. 30	6006	1254	127	3252
Raza, Gladys L., Montreal, Quebec, Canada, and F. S. Frisbie, Boston, Mass. Dress-shield or garment fastener.....	847,368	Mar. 19	3302	725	127	889
Razall, Henry G., Milwaukee, Wis. Perforating and creasing attachment for printing-presses.....	855,339	May 28	5956	1243	128	1618
Razoux, Theodore W., Brooklyn, N. Y. Attachment for bicycles and motor-cycles.....	855,979	June 4	1044	216	128	1958
Reach, George A. (See Davis, Edwin K., assignor.)						
Reach, George A. (See Gamble, John, assignor.)						
Reach, George A. (See Gamble and Smith, assignors.)						
Reach, George A. (See Le Mat, Raoul F., assignor.)						
Read, George F. (See Raabe and Read.)						
Read, George F., assignor to R. Hoe, New York, N. Y. Front-stop-operating mechanism for printing-machines.....	842,974	Feb. 5	259	57	126	1854
Read, Joseph H., Burlington, N. J. Snap-hook.....	848,603	Mar. 26	5778	1261	127	1543
Read, Orrin B., Troy, N. Y. Horse-tail holder.....	868,364	Oct. 15	1810	509	130	1907
Read, Ralston J., Reno, Nev. Tape-measure.....	841,272	Jan. 15	2978	648	126	845
Read, Robert H., Schenectady, N. Y., assignor to General Electric Company. Arc-light electrode.....	859,579	July 9	1953	526	129	686
Read, Robert H., Schenectady, N. Y., assignor to General Electric Company. Electric-light illuminant.....	859,840	July 9	2344	637	129	811
Read, Robert H., Schenectady, N. Y., assignor to General Electric Company. Arc-light electrode.....	859,889	July 9	2421	658	129	833
Read, Robert H., Schenectady, N. Y., assignor to General Electric Company. Arc-light electrode.....	859,890	July 9	2422	658	129	834
Read, Robert H., Schenectady, N. Y., assignor to General Electric Company. Arc-light electrode.....	859,891	July 9	2423	658	129	834
Read & Sons, William. (See Grout, Edward A., assignor.)						
Reade, Arthur H., New York, N. Y. Nut-lock.....	873,457	Dec. 10	2355	494	131	1577
Reading Standard Company. (See Gustafson, Charles J., assignor.)						
Reading Standard Company. (See Schaeffer, William G., assignor.)						
Reagan Bale Company. (See Reagan, Edgar, assignor.)						
Reagan, D. A., et al. (See Hyle, Jacob A., assignor.)						
Reagan, Edgar, assignor to Reagan Bale Company, San Antonio, Tex. Forming round bales.....	862,105	July 30	5874	1627-8	129	2040
Reagan, Edgar, assignor, by mesne assignments, to Reagan Bale Company, San Antonio, Tex. Bale-forming apparatus.....	865,316	Sept. 3	851	244-5	130	258
Reagan, Edgar, assignor, by mesne assignments, to Reagan Bale Company, San Antonio, Tex. Cotton cleaner and condenser.....	867,535	Oct. 1	464	134	130	1458
Reagan, James and W., Philadelphia, Pa. Fuel-feeding device for boiler-furnaces.....	851,253	Apr. 23	5095	1071-2	127	2994
Reagan, William. (See Reagan, James and W.)						
Ream, Frederick E., Green Ridge, Mo. Igniter for internal-combustion engines.....	867,755	Oct. 8	804	227	130	1579
Ream, John L. (See Wright, William A., assignor.)						
Ream, Solomon, Millcreek, Ill. Operating mechanism for washing-machines.....	852,618	May 7	490	91	128	129
Ream, William W., Vogansville, Pa. Umbrella rib-holder and runner.....	850,445	Apr. 16	3517	736	127	2561
Reames, George H. (See Reames, Hadley C., assignor.)						
Reames, Hadley C., assignor of one-half to G. H. Reames, Los Angeles, Cal. Pneumatic pump.....	868,939	Oct. 22	2733	754	130	2221
Reams, Herman S., assignor to Richmond Cedar Works, Richmond, Va. Washing-machine bench.....	845,262	Feb. 26	5053	1075	126	3164
Reams, Herman S., assignor to Richmond Cedar Works, Richmond, Va. Washing-machine.....	866,964	Sept. 24	3387	959	130	1157
Reams, Joseph A., West Norfolk, assignor of one-half to W. H. Parrish, Richmond, Va. Razor.....	840,371	Jan. 1	1189	261	126	313
Reaney, James, Jr., Sherwood, Md. Burning lime or other substances.....	862,657	Aug. 6	929	249	129	2372
Reardon, Charles E., Kansas City, Mo. Embroidery attachment for sewing-machines.....	848,396	Mar. 26	5379	1173	127	1442
Reardon, James A., Seattle, Wash. Electric heater.....	857,485	June 18	3963	841	128	2768
Reardon, Patrick H., San Francisco, Cal. Air-inlet valve.....	848,852	Apr. 2	514	103	127	1719
Reardon Robert E., Ottawa, Ontario, Canada. Sight for firearms.....	849,498	Apr. 9	1767	357	127	2074

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Reure, Morley A., Los Angeles, Cal. Chalk-line holder.	859,052	Apr. 9	2748	577	127	2319
Reure, Morley A., Los Angeles, Cal. Clamp.	872,252	Nov. 26	4434	1053	131	1109
Reuser, Lewis, Reading, Pa. Lid for cooking vessels.	852,677	May 7	623	119	128	162
Reuser, Lewis, Reading, Pa. Stovepipe attachment.	868,940	Oct. 22	2735	754	130	2222
Reutz, Mary S., Kansas City, Mo. Fruit-evaporator.	845,317	Feb. 26	5173	1008	126	3194
Reuvell, William, Ipswich, England. Air-compressor.	860,826	July 23	3858	1057-8	129	1369
Reves, William D., South Bend, Ind. Keyboard for pianos.	856,723	June 11	2528	520	128	2368
Reavis, Albert S., Washington, D. C. Concrete building construction.	843,768	Feb. 12	1841	392	126	2289
Reavis, Albert S., Washington, D. C. Concrete building construction.	843,843	Feb. 12	1983	424	126	2324
Reavis, Albert S., Washington, D. C. Railway-tie.	857,363	June 18	3728	788	128	2710
Reber, Edward, and E. C. Clark, San Bernardino, Cal. Lubricator.	843,366	Feb. 5	1070	221	126	2060
Rebeyrolle, Jules. (See Feitu and Rebeyrolle.)						
Rebholz, Joseph M., Troy, Ohio. Vehicle-top.	847,970	Mar. 19	4559	1002	127	1201
Rebhun, Charles A. (See Thain, William, assignor.)						
Rebman, Clarence M. (See Sanders, Rebman, and Sanders.)						
Rech, Friedrich, Ehrenfeld, near Cologne, Germany. Street-lamp.	840,586	Jan. 8	1622	356	126	458
Recht, Frederick. (See Balch, Samuel W., assignor.)						
Reciprocating Power and Pump Company. (See Lippert, Samuel, assignor.)						
Reck, Anders B., Hellerup, Denmark. Magazine-boiler.	851,030	Apr. 23	4636	972-3	127	2882
Reck, Anders B., Copenhagen, Denmark. Hot-water heating apparatus.	875,107	Dec. 31	5735	1196	131	2211
Reckendorfer, Louis J., New York, N. Y. Eraser-tip for lead-pencils.	840,372	Jan. 1	1191	261	126	313
Reckweg, John C., Los Angeles, Cal. Air-ship.	852,239	Apr. 30	7105	1486-7	127	3534
Reckweg, John C., Los Angeles, Cal. Pleasure-railway.	858,624	July 2	456	119	129	158
Record, George J., Conneaut, Ohio. Roller-latch.	842,009	Jan. 22	4451	957	126	1251
Recording and Computing Machines Company. (See Kirchner, Albert J., assignor.)						
Recording and Computing Machines Company. (See Ohmer, Wilfred I., assignor.)						
Recording and Computing Machines Company. (See Ohmer, Kirchner, and Hill, assignors.)						
Recording and Computing Machines Company. (See Ohmer, Whistler, and McAllister, assignors.)						
Recording and Computing Machines Company. (See Whistler, David B., assignor.)						
Rector, Alcorn, assignor to Rector Gas Lamp Company, New York, N. Y. Bunsen burner.	860,494	July 16	3338	914	129	1168
Rector, Alcorn, assignor to Rector Gas Lamp Company, New York, N. Y. Incandescent gas-lamp.	864,688	Aug. 27	4063	1128	129	3441
Rector, Alcorn, assignor to Rector Gas Lamp Company, New York, N. Y. Incandescent gas-lamp.	871,954	Nov. 26	3787	920	131	1011
Rector, Alcorn, assignor to Rector Lamp Company, New York, N. Y. Incandescent gas-lamp.	874,703	Dec. 24	4915	1032	131	2055
Rector, Alcorn, assignor to himself, D. O. Sprague, and A. P. Smith, New York, N. Y. Telephone attachment.	847,691	Mar. 19	3978	869	127	1064
Rector, Bradley S., Washington county, assignor of one-half to J. L. White, Abingdon, and J. A. Buchanan, Morgan, Va. Gate-latch.	852,240	Apr. 30	7107	1487	127	3535
Rector, Enoch J., New York, N. Y., assignor to New York Vitak Company. Moving-picture machine.	849,499	Apr. 9	1770	337-8	127	2075
Rector Gas Lamp Company. (See Howard, Frank B., assignor.)						
Rector Gas Lamp Company. (See Rector, Alcorn, assignor.)						
Rector, John W., Savannah, N. Y. Crate.	841,340	Jan. 15	3125	675	126	883
Rector, John W., Savannah, N. Y. Concrete chimney.	869,518	Oct. 29	3640	998	130	2528
Redd, Charlie, Chicago, Ill. Machine for closing and sealing the top flaps of cartons.	868,292	Oct. 15	1685	475-8	130	1871
Reddaway and Company, F. (See Murphy, William, assignor.)						
Reddell, William, Denver, Colo. Sofa-bed.	870,131	Nov. 5	397	111	131	132
Redding, Oliver C., assignor of one-half to W. K. Kenly, Chicago, Ill. Gyrotory crusher.	850,491	Apr. 16	3607	755	127	2582
Redding, Robert E., Marion, Ala. Mail-bag lock.	866,965	Sept. 24	3388	959	130	1158
Redding, William H., Worcester, Mass., assignor, by mesne assignments, to Crompton & Knowles Loom Works. Shed-forming mechanism for looms.	863,644	Aug. 20	2435	669	129	2906
Reddy, Thomas E., Pittsburg, assignor to G. C. Erdner, Bellevue, Pa. Making shot.	857,756	June 25	4508	951	128	2938
Redemer, Jacob C., Beaver, Okla. Ter. Hub.	857,204	June 18	3439	725	128	2637
Redenbaugh, Adam, Pittsburg, Pa. Pipe-stopper or test-plug.	848,493	Mar. 26	5554	1212	127	1487
Redfern, Charles E., Providence, R. I. Safety watch-pocket.	868,941	Oct. 22	2735	754	130	2222
Redfield, Casper L. (See Norstrom, Nils E., assignor.)						
Redfield, Casper L. (See Norstrom, Samuel A., assignor.)						
Redfield, Edward E., Glendale, Oreg. Magazine-rifle.	852,241	Apr. 30	7108	1487	127	3535
Redford, John G., Milwaukee, Wis. Oven for heating flat-irons.	857,670	June 25	4319	912	128	2889
Redick, Joseph A., et al. (See Gilchrist, Luther M., assignor.)						
Redington, William H., Chicago, Ill. Vessel for adhesive material.	868,885	Oct. 22	2639	729	130	2191
Redlich, Alexander E., Chicago, Ill. Bottle-stopper.	852,242	Apr. 30	7111	1488	127	3539
Redman, Albert D., Sr. (See Bill and Redman.)						
Redman, Charles H., Newark, N. J., assignor to W. C. Baird, New York, N. Y. Fire-escape.	864,689	Aug. 27	4064	1128	129	3442
Redman, Charles W., assignor of one-half to N. B. Gibson, Pittsburg, Pa. Match-delivering receptacle.	841,181	Jan. 15	2801	611	126	801
Redmayne, Robert N., Newcastle-upon-Tyne, England. Third-rail insulator.	843,844	Feb. 12	1983	425	126	2324
Redmond, Harry G. (See Temple, Edward, assignor.)						
Redmond, Joseph, New York, N. Y. Vegetable-peeling machine.	845,218	Feb. 26	5177	1099	126	3195
Redmond, Robert E., New Castle, Pa. Washing-machine.	861,537	July 30	4998	1372	129	1771
Redner, John J., New York, N. Y. Piston-packing.	839,890	Jan. 1	174	39	126	46
Redpath, Robert C., Johnson county, Kans. Baling attachment for threshing-machines.	853,376	May 14	2046	423-5	128	557
Redpath, Robert C., Johnson county, Kans. Baling attachment for threshing-machines.	868,886	Oct. 22	2640	729-31	130	2191
Redrup, Charles B., Barry Dock, England. Gas, oil, and like engine.	857,536	June 18	4064	864	128	2796
Redway, Albert J. (See Witte, Albert, assignor.)						
Redwood, Archibald G., Houston, Tex. Kettle.	843,698	Feb. 12	1715	365	126	2257
Reece Button Hole Machine Company. (See Dahl, Charles A., assignor.)						
Reece, Charles L. (See Tippet and Reece.)						
Reece, John, et al. (See Hixon, William E., assignor.)						
Reece, Rankin B., Knightstown, Ind. Gate.	874,541	Dec. 24	4597	965	131	2001
Reece, Thomas K., et al. (See Baldwin, Cloise H., assignor.)						
Reed, Adam, Los Angeles, Cal. Garbage-receptacle.	871,955	Nov. 26	3789	920	131	1011
Reed, Adam, assignor to J. C. Parker, Middletown, Del. Horse-collar.	867,209	Sept. 24	3780	1068	130	1279
Reed, Agnes H., et al. (See Bluntach, Alexander J., assignor.)						
Reed, Alfred L., et al. (See Winkelmeyer, John, assignor.)						
Reed, Alfred L., et al. (See Wright, Charles M., assignor.)						
Reed, Benjamin. (See Midgley and Reed.)						
Reed, Benjamin H., assignor of one-half to J. H. Roy, Chicago, Ill. Artificial fuel.	856,101	June 4	1237	.....	128	2005
Reed, Cecil, et al. (See Mims, George W., assignor.)						
Reed, Charles A., New York, N. Y., and A. H. Stem, St. Paul, Minn. Building construction.	847,692	Mar. 19	3980	869-70	127	1065

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Reed, Charles E., Jr., Chicago, Ill. Electric sparking plug.....	856,602	June 11	2296	472	128	2311
Reed, Charles J., Philadelphia, Pa. Magnetic separator.....	842,583	Jan. 29	5675	1200-1	126	1596
Reed, Charles J., Philadelphia, Pa. Electrolytically removing scale and producing iron sulfate.....	855,667	June 4	422		128	1802
Reed, Charles J., Philadelphia, Pa. Speed-changing mechanism.....	858,024	June 25	5068	1073	128	3077
Reed, Charles J., Philadelphia, Pa. Metallic composition.....	874,866	Dec. 24	5214		131	2107
Reed, Charles J., Philadelphia, Pa., assignor to Reed Morrill Electric Co. Expandible pulley.....	853,264	May 14	1802	375	128	489
Reed, Charles J., Philadelphia, Pa., assignor to Reed-Morrill Electric Co. Speed-changing mechanism.....	858,754	July 2	676	178	129	235
Reed, Charles M., Mountain View, Okla. Ter. Egg-tester.....	860,495	July 16	3339	915	129	1168
Reed, Charles M., Mountain View, Okla. Ter. Egg-case.....	860,496	July 16	3340	915	129	1169
Reed, Charles M., Mountain View, Okla. Ter. Egg-lifter.....	860,497	July 16	3342	916	129	1169
Reed, Charles M., Nashville, Ohio. Towel-wringer.....	874,240	Dec. 17	3984	840	131	1871
Reed, Clyde C., and W. Ducker, Memphis, Tenn. Belt-fastener.....	839,955	Jan. 1	312	68	126	86
Reed, Elmo H. (See Christian and Reed.)						
Reed, Emerson G., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Supporting means for electric apparatus.....	854,309	May 21	3928	810	128	1076
Reed, Francis C., South McAlester, Ind. Ter. Time-igniter.....	845,374	Feb. 26	5296	1123	126	3223
Reed, Frank, Milwaukee, Wis. Liquid-agitator.....	866,067	Sept. 17	2064	575	130	705
Reed, Franklin M., assignor to Wayne Stove Company, Fort Wayne, Ind. Oil-burning stove.....	840,657	Jan. 8	1743	384	126	490
Reed, Franklin M., assignor to Wayne Stove Company, Fort Wayne, Ind. Heating-stove.....	865,528	Sept. 10	1210	345	130	398
Reed, George E., Philadelphia, Pa. Folding twin bed.....	860,886	July 23	3966	1087	129	1405
Reed, George L., assignor to Reed Manufacturing Company, Springfield, Ohio. Cement-block machine.....	842,491	Jan. 29	5502	1164-5	126	1557
Reed, George T., assignor to Continental Jar and Bottle Stopper Company, Baltimore, Md. Sealing-closure for vessels.....	843,845	Feb. 12	1985	425	126	2324
Reed, George T., assignor to Continental Jar and Bottle Stopper Company, Baltimore, Md. Vacuum-erupting device for jugs, &c.....	843,846	Feb. 12	1985	425	126	2325
Reed, George W., West Berwick, Pa., assignor to American Car & Foundry Company, St. Louis, Mo. Car construction.....	859,580	July 9	1954	526	129	686
Reed, Harry E., Salem, Mass. Game apparatus.....	852,904	May 7	1092	221-5	128	279
Reed, Harry H. (See Theobald, George J., assignor.)						
Reed, Harry J. (See Gefall, Rudolf, assignor.)						
Reed, Henry J. O., Minneapolis, Minn., and J. T. Reed, Auburn, Wash. Antikicking device for cows.....	868,125	Oct. 15	1428	401	130	1792
Reed, Henry M., et al. (See Miesse, Americus, assignor.)						
Reed, James A., Fitzgerald, Ga. Short-turning gear.....	859,110	July 2	1221	329	129	412
Reed, James F., et al. (See Miesse, Americus, assignor.)						
Reed, James T. (See Reed, Henry J. O. and J. T.)						
Reed, James V., Yonkers, N. Y., assignor to J. B. Williams Company, Glastonbury, Conn. Hinged receptacle.....	871,440	Nov. 19	2732	689	131	814
Reed, James W., Berwind, assignor of one-half to J. Cox, Tabasco, Colo. Automatic car-stop.....	857,205	June 18	3440	725-6	128	2637
Reed, Jean L., Little Valley, N. Y. Combined razor strop and case.....	858,307	June 25	5597	1197	128	3212
Reed, John A., Monon, Ind. Door-check.....	857,468	June 18	3966	842	128	2768
Reed, John B., Gridley, Kans. Seed-planter.....	852,398	Apr. 30	7413	1555	127	3609
Reed, John G., Orwigsburg, Pa. Railway-rail.....	860,693	July 23	3066	1004	129	1308
Reed, John W., et al. (See Miesse, Americus, assignor.)						
Reed, Josiah M. (See Newberry, Reed, and Kuhlkin.)						
Reed Manufacturing Company. (See Reed, George L., assignor.)						
Reed, Matthew H., Pittsburg, Pa. Platform-scale.....	873,168	Dec. 10	1799	377-8	131	1482
Reed, Meriman H. (See Heilig and Reed.) (Reissue.)						
Reed-Morrill Electric Co. (See Reed, Charles J., assignor.)						
Reed, Oscar M., Manchester, N. H. Puzzle.....	865,207	Sept. 3	676	193	130	205
Reed, Ralph, Middletown, Ohio. Letter-sheet.....	872,370	Dec. 3	112	21	131	1184
Reed, Ralph R., San Francisco, Cal. Fire-shutter.....	848,853	Apr. 2	517	103	127	1720
Reed, Ralph R., San Francisco, Cal. Fire-shutter.....	865,943	Sept. 10	1857	521	130	610
Reed, Richard H., New York, N. Y., and H. Wilcox, Newark, N. J., assignors to Patent Ownership Company, New York, N. Y. Razor.....	868,697	Oct. 22	2361	654	130	2106
Reed, Sylvanus A., New York, N. Y. System of selective electric signaling.....	863,875	Aug. 20	2772	763	129	3012
Reed, Washington B., et al. (See Leavitt, John M., assignor.)						
Reed, William D. (See Bailey and Reed.)						
Reed, William H., Pittsburg, Pa. Seal-envelop.....	846,345	Mar. 5	1245	274	127	314
Reed, William H., Sawtelle, Cal. Bicycle package-carrier.....	846,695	Mar. 12	1967	433	127	530
Reed, William L., Pittsburg, Pa. Flush-tank.....	875,457	Dec. 31	6420	1340	131	2322
Reed, William N., New York, N. Y. Cycas-leaf holder.....	862,658	Aug. 6	931	249	129	2372
Reeder, Elmus L. (See Nelson and Reeder.)						
Reel, Samuel O., et al. (See Iungerich, Calvin L., assignor.)						
Reel, William S., et al. (See Iungerich, Calvin L., assignor.)						
Reeps, Charles F., and T. H. Nott, Newcastle, Ind. Planissimo device.....	840,254	Jan. 1	933	203	126	252
Rees, Abram, Bunker Hill, Ind. Poultry feeder and waterer.....	848,492	Mar. 26	5553	1211	127	1487
Rees, Charles S., Philadelphia, Pa. Cork-puller.....	850,184	Apr. 16	3022	633	127	2429
Rees, Fred (See Morrell, William W. assignor.)						
Rees-Gibbs, Edward G. A., Roodepoort, Transvaal. Spray for rock-drills.....	844,745	Feb. 19	4044	862	126	2866
Rees Hook Company. (See Eden, James A., Jr., assignor.)						
Rees, Napoleon B. (See Rees, Noland B. and N. B.)						
Rees, Noland B. and N. B., Lincoln, Kans. Washing-machine.....	847,822	Mar. 19	4249	930	127	1126
Rees, Perley E., Kansas City, Mo., assignor to Densmore Typewriter Company, Syracuse, N. Y. Type-writing machine.....	869,984	Nov. 5	161	44	131	54
Rees, Thomas H., Louisville, Ky. Awning.....	855,668	June 4	424	88	128	1803
Rees, William H., Worcester, Mass., assignor to Aeolian Company, New York, N. Y. Music-sheet.....	855,413	May 28	6082	1271	128	1649
Rees, William H., Worcester, Mass., assignor to Aeolian Company, New York, N. Y. Music-sheet. (Reissue.)	12,695	Sept. 17	2844	802	130	961
Reese, Daniel S., Mahanoy City, Pa. Hypodermic injector.....	858,025	June 25	5069	1073	128	3077
Reese, Henry D., Abbeville, S. C., assignor of two-thirds to J. W. Harris, Elberton, Ga., and W. D. Bewley, Union, S. C. Eyescope.....	858,213	June 25	5438	1160-1	128	3173
Reese, Henry O., Baltimore, Md. Self-attaching button.....	872,149	Nov. 26	4223	1008	131	1076
Reese, John B., Reno township, Leavenworth county, and P. C. Strahl and M. M. Adams, Lawrence, Kans. Grave marker and protector.....	868,810	Oct. 22	2538	699	130	2161
Reese, John E., Louisville, Ky. Railway-crossing.....	865,317	Sept. 3	855	246	130	259
Reese, John E., assignor of one-sixth to C. M. Ballard, one-half to W. F. Blackford, one-fifth to W. Neal, and two-fifteenths to G. L. Martin, Louisville, Ky. Railway-crossing.....	846,425	Mar. 5	1423	315-16	127	359

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Reese, John T., Pulaski, Tenn. Miniature merry-go-round.	863,876	Aug. 6	2774	763	129	3012
Reese, Joseph F., and C. L. Miner, Lucerne, assignors of one-third to B. A. Conrad, Royal Center, Ind. Railway-switch.	870,992	Nov. 12	1799	490	131	612
Reese, Shelton M., Lyons, Ga. Fence-post.	860,246	July 16	2969	811	129	1046
Reeve, Henry E., New York, N. Y. Mechanism for gongs, &c.	868,221	Oct. 15	1561	444	130	1831
Reeve, Henry E., Brooklyn, N. Y. Electric bell.	842,911	Feb. 5	139	31	126	1826
Reeve, Henry E., assignor to Automatic Fire Alarm Company, New York, N. Y. Thermostat.	845,894	Mar. 5	349	71	127	91
Reeve, Henry E., Brooklyn, assignor to Automatic Fire Alarm Company, New York, N. Y. Electric attachment for tanks.	851,775	Apr. 30	6147	1284	127	3289
Reeve, Sidney A., Worcester, assignor to C. F. Brown, trustee, Reading, Mass. Explosion-engine.	846,508	Mar. 12	1599	355	127	436
Reeve, Sidney A., Worcester, assignor to C. F. Brown, trustee, Reading, Mass. Regulating apparatus for heat-engines.	861,393	July 30	4773	1305-6	129	1701
Reeve, Sidney A., Worcester, assignor to C. F. Brown, trustee, Reading, Mass. Mean-pressure apparatus.	862,348	Aug. 6	389	108	129	2205
Reeve, Sidney A., Worcester, assignor to C. F. Brown, trustee, Reading, Mass. Locomotive-boiler.	869,805	Oct. 29	4088	1129	130	2662
Reeve, Sidney A., Worcester, assignor to C. F. Brown, trustee, Reading, Mass. Utilizing working fluid in jacketed engines.	870,585	Nov. 12	1113	304	131	393
Reeve, Sidney A., Worcester, assignor to C. F. Brown, trustee, Reading, Mass. Clearance-controlling mechanism for compressors and motors.	872,451	Dec. 3	277	57	131	1212
Reeve, Sidney A., Worcester, assignor to C. F. Brown, trustee, Reading, Mass. Internal-combustion power apparatus.	872,452	Dec. 3	279	57	131	1212
Reeves, Asa W., Corydon, Pa. Stanchion.	854,966	May 28	5221	1087	128	1432
Reeves & Company. (See Anderson and Erickson, assignors.)						
Reeves & Company. (See Clay, Harry C., assignor.)						
Reeves, Edward F., Brooklyn, N. Y. Safety schedule for cars.	859,251	July 9	1447	386	129	521
Reeves, Edwin A., Bridgeport, Conn. Spring-motor.	858,625	July 2	458	120	129	159
Reeves, Edwin A., assignor to Reeves Manufacturing Company, New Haven, Conn. Fastening device.	842,492	Jan. 29	5506	1165	126	1558
Reeves, Harry E., Chicago, Ill. Dust-pan.	847,693	Mar. 19	3982	870	127	1065
Reeves, James L., Collinsville, Ala. Cooking apparatus.	866,386	Sept. 17	2528	704	130	852
Reeves, John C., Huntsville, Ark. Bottle.	871,183	Nov. 19	2151	574	131	726
Reeves, Lewis, and G. K. Gilchrist, Vinton, Iowa. Spring-trip for cultivators.	839,956	Jan. 1	313	68	126	86
Reeves, Lewis, and G. K. Gilchrist, Vinton, Iowa. Spring-trip for cultivators.	875,211	Dec. 31	5940	1238	131	2245
Reeves Manufacturing Company. (See Reeves, Edwin A., assignor.)						
Reeves, Nelson L., and J. B. Shane, Chicago, Ill. Folding car-step.	868,482	Oct. 15	1989	554	130	1962
Reeves, Wilfred, and B. Bramwell, Wellington Place, Belfast county, Ireland. Apparatus for filtering liquids.	873,458	Dec. 10	2356	494	131	1578
Reeves, William, New Haven, Conn. Eye-cleansing device.	846,142	Mar. 5	870	182	127	222
Reeves, William H., Midlothian, Tex. Cultivator-hopple.	841,895	Jan. 22	4239	912-13	126	1201
Regal, August, assignor of two-thirds to F. Harazim and E. Karazej, Banjaluka, Austria-Hungary. Apparatus for weaving in natural colors without pattern-cards.	873,683	Dec. 10	2791	592-6	131	1653
Regal, August, assignor of two-thirds to F. Harazim and E. Karazej, Banjaluka, Austria-Hungary. Weaving in natural colors without pattern-cards.	874,370	Dec. 17	4234		131	1913
Regenerated Cold Air Company. (See White, Frederick, assignor.)						
Regensteiner, Siegfried. (See Neumann and Regensteiner.)						
Reger, Conrad, Philadelphia, Pa. Sheet-metal pulley.	840,658	Jan. 8	1745	384-5	126	491
Regina Company. (See Koch, Henry, assignor.)						
Regina Company. (See Schubert, William, assignor.)						
Regner, Wilson H., assignor to W. H. Regner and P. J. Haas, York, Nebr. Skirt stay and fastener.	855,340	May 28	5958	1244	128	1618
Regondi, Giuseppe, New Brighton, N. Y. Music-leaf turner.	845,895	Mar. 5	351	71	127	91
Regondi, Giuseppe, New Brighton, N. Y. Folding balcony.	863,877	Aug. 20	2776	764	129	3012
Rehart, Solomon V., Piru, Cal. Adjusting means for monkey-wrenches.	848,204	Mar. 26	4981	1089	127	1345
Rehart, Solomon V., Glendale, Cal. Monkey-wrench.	862,509	Aug. 6	683	185	129	2299
Rehfeld, Grover G., Milwaukee, Wis. Floor-planer.	864,260	Aug. 27	3362	935	129	3222
Rehfuß, John G. (See Burgess and Rehfuß.)						
Rehfuß, John G. (See Rehfuß, Martin O. and J. G.)						
Rehfuß, Martin O. (See Burgess and Rehfuß.)						
Rehfuß, Martin O., Philadelphia, Pa., and E. F. Buch, Astoria, N. Y., assignors, by mesne assignments, to Sanitary Sectional Brush Company. Machine for drilling and tufting brushes.	855,810	June 4	704	144-6	128	1874
Rehfuß, Martin O., Philadelphia, Pa., and E. F. Buch, Astoria, N. Y., assignors, by mesne assignments, to Sanitary Sectional Brush Company. Appliance for feeding brush-blocks.	855,811	June 4	710	146-7	128	1875
Rehfuß, Martin O. and J. G., assignors, by mesne assignments, to National Cotton Tuft and Fibre Manufacturing Company, Philadelphia, Pa. Tuft-forming machine.	850,053	Apr. 9	2750	577-8	127	2319
Rehm, Fritz, Lichtenfels, and K. Windstosser, Nuremberg, Germany. Telescope for submarine boats.	850,054	Apr. 9	2752	578-9	127	2320
Rehmann, Hugo, Mülheim-on-the-Ruhr, Germany. Device for charging furnaces, gas-generators, &c.	853,420	May 14	2114	441	128	574
Rehor, Joseph. (See Kundtz and Rehor.)						
Rehrig, Adam E., Packerton, Pa. Removable horseshoe-calk.	869,380	Oct. 29	3341	918	130	2436
Reiber, Frederick W., Sugar Grove, assignor to N. Schlee, C. Kemmler, J. E. Crooks, and F. Siegel, Columbus, Ohio. Non-explosive oil-can.	846,619	Mar. 12	1839	404	127	498
Reibold, Levi H., Glenville, Pa. Kettle-crane.	844,470	Feb. 19	3225	696	126	2671
Reich, Emanuel A., Wheeling, W. Va. Sidewalk-light.	849,020	Apr. 2	801	165	127	1791
Reich, Valdemar F., Harrisburg, assignor of three-fourths to H. E. Mills, Pittsburg, Pa. Glass-cutter.	863,316	Aug. 13	1945	525	129	2720
Reich, William J., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Gear-case.	856,422	June 11	1962	404	128	2225
Reichard, Jeremiah, assignor, by mesne assignments, to American Safety Razor Company, New York, N. Y. Safety-razor.	850,183	Apr. 16	3021	632	127	2428
Reichardt, Friedrich E., Chicago, Ill. Mantle-support.	842,975	Feb. 5	262	57	126	1855
Reichardt, Henry C., Pottsville, Pa. Fishing-reel.	873,784	Dec. 17	3015	639	131	1720
Reichel, Alfred, Dresden-Loschwitz, Germany. Apparatus for deodorizing the exhaust-gases of motors.	873,785	Dec. 17	3016	640	131	1721
Reichel, Alvin S., assignor of two-thirds to W. H. Smart and M. L. Titus, Point Marion, Pa. Machine for manufacturing glassware.	854,236	May 21	3804	785-6	128	1043
Reichelt, Bruno, Hoboken, assignor to Challenge Belt Co., West Hoboken, N. J. Driving belt and rope.	859,519	July 9	1849	498	129	653
Reichenbach, Henry M., New York, N. Y. Carbureter.	854,604	May 21	4471	931-2	128	1211
Reichenberger, Benedict F., Township 4, Brown county, Kans. Clutch.	854,529	May 21	4328	895	128	1175
Reichert, Ferdinand W., Granton, Wis. Wire-stretcher.	853,734	May 14	2766	569	128	745

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Reichert, John, Racine, Wis. Bridle-bit.....	873,604	Dec. 10	2660	560	131	1628
Reichert, John, and C. S. Beebe, Racine, Wis. Tank-lug.....	865,944	Sept. 10	1858	521-2	130	611
Reid, Alban H., Philadelphia, Pa. Regenerative pasteurizing system.....	840,960	Jan. 8	2349	516	126	640
Reid, Alexander, <i>et al.</i> (See Short, David A., assignor.)						
Reid, Alfred J. H., Henderson, Tenn. Corn and cotton planter.....	843,699	Feb. 12	1716	365-6	126	2257
Reid, Arthur B., Chicago, Ill. Stenographer's copy-holder.....	842,115	Jan. 22	4647	998	126	1298
Reid, Arthur B., Chicago, Ill. Garment-fastener.....	853,319	May 14	1944	402	128	532
Reid, Arthur B., Chicago, Ill. Hook and eye.....	853,320	May 14	1946	402	128	533
Reid, Arthur B., Chicago, Ill. Hook and eye.....	853,377	May 14	2054	425	128	560
Reid, Arthur B., Chicago, Ill. Garment-fastener.....	860,827	July 23	3859	1058	129	1370
Reid, Aubrey J., North Sydney, New South Wales, Australia. Brake for railway and other vehicles.....	875,108	Dec. 31	5738	1196-7	131	2211
Reid, Aubrey J., North Sydney, New South Wales, Australia. Coupling for controlling-rods of brakes between railway and other vehicles.....	875,109	Dec. 31	5740	1197	131	2212
Reid, Charles W., Milford, Del. Regenerative pasteurizing system.....	840,961	Jan. 8	2351	516	126	641
Reid, David, Ithaca, N. Y. Muffler.....	872,453	Dec. 3	282	58	131	1212
Reid, David M., Mingo Junction, Ohio. Pneumatic tree.....	840,160	Jan. 1	751	164	126	204
Reid, Edwin T., <i>et al.</i> (See Taylor, James M., assignor.)						
Reid, Freddie H., Sioux City, Iowa. Centrifugal liquid-separator.....	868,483	Oct. 15	1990	554-5	130	1962
Reid, Hubert B. (See Beagham, Reid, and Best.)						
Reid, Hugh, Springburn, and D. M. Ramsay, Uddingston, Scotland. Locomotive.....	840,255	Jan. 1	934	204	126	253
Reid, James, assignor to J. S. Reid, Tacoma, Wash. Woodworking-machine.....	857,757	June 25	4509	951-2	128	2938
Reid, James S. (See Reid, James, assignor.)						
Reid, James V., Clarion, Pa. Key-ring.....	855,530	June 4	162	33	128	1735
Reid, John, London, England. Ship.....	862,510	Aug. 6	684	185-6	129	2299
Reid, John L., Chicago, Ill. Stove.....	870,686	Nov. 12	1287	352	131	453
Reid, John W., <i>et al.</i> (See Hector, Andre, assignor.)						
Reid, Joseph, Oil City, Pa. Means for operating rod-lines for oil-wells.....	851,104	Apr. 23	4780	1005	127	2917
Reid, Robert, South Yarra, Victoria, Australia. Gas-generator.....	849,162	Apr. 2	1114	224-5	127	1873
Reid, Robert P., Watervliet, N. Y. Cushioned wheel.....	851,105	Apr. 23	4781	1005	127	2917
Reid, Thomas J., Columbus, Ohio. Vehicle-hub.....	860,247	July 16	2970	811	129	1046
Reid, William, Geneva, N. Y. Range.....	871,441	Nov. 19	2732	690	131	814
Reid, William A., St. Louis, Mo. Flagstaff.....	868,942	Oct. 22	2736	755	130	2222
Reid, William R., Sleepy Eye, Minn. Cleaning grain.....	842,116	Jan. 22	4650	999	126	1299
Reidel, Louis, Tampico, Ill. Pipe-lifter.....	852,138	Apr. 30	6928	1447	127	3488
Reidenbaugh, John. (See Stump, Reidenbaugh, and Packard.)						
Reidy, Denis A. (See Kain, John H., assignor.)						
Reidy, Matthew J., Mechanicsville, Iowa. Harmonica.....	856,491	June 11	2078	427	128	2255
Reidy, Matthew J., Mechanicsville, Iowa. Harmonica.....	872,083	Nov. 26	4100	982	131	1055
Reidy, Michael D., Worcester, Mass. Tool-holder.....	854,669	May 21	4589	958	128	1241
Reif, Alfred J., Allegheny, and A. L. McCormick, Knoxville, Pa. Trolley.....	852,978	May 7	1251	258	128	518
Reihing, Anthony R., Toledo, Ohio. Figure toy.....	852,297	Apr. 30	7201	1512	127	3557
Reiland, Joseph N., Mazeppa, Minn. Sash-balance.....	842,701	Jan. 29	5967	1258	126	1668
Reiley, John, Brooklyn, N. Y. Spring bed-bottom.....	850,118	Apr. 9	2890	603-4	127	2355
Reilly, Bernard T., assignor to three-fourths to L. French and M. C. Gaertner, Wilkes-Barre, Pa. Signal and alarm attachment for mine-hoists.....	840,659	Jan. 8	1748	385	126	491
Reilly, Frances J., Jerico, Iowa. Railway-switch.....	875,110	Dec. 31	5741	1197-8	131	2212
Reilly, Francis W., Newark, N. J. Stock and die.....	863,756	Aug. 20	2590	716	129	2956
Reilly, William C., assignor to Youngstown Sheet and Tube Company, Youngstown, Ohio. Machine for recessing couplings.....	860,937	July 23	4037	1105-6	129	1427
Reilly, Eugene M., Marshfield, Wis. Railway-switch.....	867,411	Oct. 1	274	81	130	1397
Reilly, John P., assignor of one-half to S. Dennis, St. Louis, Mo. Hasp.....	863,645	Aug. 20	2436	669	129	2906
Reim, Konrad, New York, N. Y. Safety-stirrup.....	842,702	Jan. 29	5969	1259	126	1669
Reiman, Ludwig, New York, N. Y. Mailing-card or post-card.....	849,426	Apr. 9	1604	325	127	2034
Reimann, Louis P., Buffalo, N. Y. Extension-ladder.....	864,194	Aug. 27	3266	905	129	3193
Reimer, Louis, <i>et al.</i> (See Lauber, William, assignor.)						
Reimers, Dycke H., Chicago, assignor of one-half to B. Biffar, Oak Park, Ill. Antirecoil device for explosive-engines.....	848,604	Mar. 26	5779	1261	127	1543
Reimers, Hans. (See Koops and Reimers.)						
Reimund, John B., and J. W. Kyle, Chicago, Ill.; said Kyle assignor to said Reimund. Oil-cup.....	863,878	Aug. 20	2778	764	129	3013
Rein, Robert, Berlin, assignor to L. te Kock, Dessau, Germany. Type-writing machine.....	852,200	Apr. 30	7038	1469-70	127	3517
Reinecke, John P., <i>et al.</i> (See Frampton, Reynolds C., assignor.)						
Reinecke, John P., Idlewood, assignor, by mesne assignments, of one-half to Pittsburg Water Heater Company, Allegheny, Pa. Instantaneous water-heater.....	866,966	Sept. 24	3390	959	130	1158
Reineking, Frederick C., Jersey City, N. J. Air-intake regulator for carbureters.....	871,361	Nov. 19	2545	654	131	787
Reiners, Charles A., Hoboken, N. J., assignor to Elevator Supply & Repair Company. Elevator signaling apparatus.....	864,915	Sept. 3	239	65	130	75
Reiners, Charles A., Hoboken, N. J., assignor to Evans Phonograph Record Company. Phonograph-record-making machine.....	866,219	Sept. 17	2273	634-5	130	771
Reinforced Concrete Pipe Company. (See Phelan, John M., assignor.)						
Reinhard, Frank A., East Weymouth, Mass., assignor to American Optical Company. Eyeglass or spectacle case.....	871,144	Nov. 19	2072	559	131	713
Reinhardt, Gotthold, Dresden, Germany. Fish-tank on transporting-car or the like.....	850,316	Apr. 16	3266	681	127	2496
Reinhardt, James H., East Orange, N. J., assignor to Half Minute Edger Company. Blade-sharpener.....	863,879	Aug. 20	2779	765	129	3014
Reinhardt, Otto F. F. T. (See Risser and Reinhardt.)						
Reinhardt, William, and H. W. Bayliss, Memphis, Tenn. Attachment for lint-gins.....	867,412	Oct. 1	275	81	130	1398
Reinholt, Christoph, Hanover, Germany. Pulverulent coloring-matter for leather.....	868,008	Oct. 15	1254		130	1739
Reinholtz, William J. (See Kitson and Reinholtz.)						
Reinicke, Ludwig. (See Kowastch and Reinicke.)						
Reinke, Oscar P., De Kalb, Mo. Advertising toy.....	871,628	Nov. 19	3107	771	131	874
Reinking, Karl, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Discharging paste.....	871,629	Nov. 19	3108		131	874
Reinmann, Albert L., Hanover N. J. Opaque glass.....	851,317	Apr. 23	5233		127	3031
Reinoehl, Charles W., and W. M. Henderson, Harrisburg, Pa. Railway-frog.....	866,884	Sept. 24	3265	919	130	1118
Reinohl, David C. (See Smith and Reinohl.)						
Reis, Adolpho D., Oporto, Portugal. Making a food product from lupine beans.....	874,624	Dec. 21	4753		131	2029
Reischer Muriel E. M., London, England. Candlestick and candle-holder.....	874,241	Dec. 17	3985	841	131	1871
Reiser, Alfred W., Toledo, Ohio. Heat-conductor for drop-light fixtures.....	856,368	June 11	1848	379	128	2197
Reisner, William H., Hagerstown, Md., assignor to W. H. Reisner Manufacturing Company. Nose-guard.....	857,758	June 25	4513	952	128	2939
Reisner, William H., S. C. Swartz, and W. T. Hamilton, Hagerstown, Md. Machine for applying binding-strips to books.....	871,821	Nov. 26	3492	855-6	131	966

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Reiss, George T. (See Cullen and Reiss.)						
Reiss, George T. (See Sears, Greenleaf, and Reiss.)						
Reiss, George T., Hamilton, Ohio, assignor to Niles-Bement-Pond Company, Jersey City, N. J. Feed ratchet device.	839,957	Jan. 1	314	69	126	86
Reiss, George T., Hamilton, Ohio, assignor to Niles-Bement-Pond Company, Jersey City, N. J. Wheel-press.	843,098	Feb. 5	531	110	126	1929
Reiss, George T., Hamilton, Ohio, assignor to Niles-Bement-Pond Company, Jersey City, N. J. Journal-bearing.	850,399	Apr. 16	3429	718	127	2538
Reiss, George T., and A. Wood, Hamilton, Ohio, assignors to Niles-Bement-Pond Company, Jersey City, N. J. Driving-wheel lathe.	866,885	Sept. 24	3266	919	130	1119
Reiss, George T., Hamilton, Ohio, and W. L. Clark, New York, N. Y., assignors to Niles-Bement-Pond Company, Jersey City, N. J. Tool-holder for lathes.	844,689	Feb. 19	3923	830	126	2836
Reiss, Richard, assignor to Tessarotypie Aktiengesellschaft, Berlin, Germany. Apparatus for printing on stone.	849,639	Apr. 9	2025	415-16	127	2139
Reiss, Walter A., <i>et al.</i> (See Warthen, Harry J., assignor.)						
Reist, Henry G., Schenectady, N. Y., assignor to General Electric Company. Starting resistance for motors.	847,111	Mar. 12	2783	615	127	733
Reist, Henry G., Schenectady, N. Y., assignor to General Electric Company. Centrifugal oiling device.	847,203	Mar. 12	2974	655	127	781
Reist, Henry G., Schenectady, N. Y., assignor to General Electric Company. Back-gear motor.	852,678	May 7	624	120	128	163
Reist, Henry G., Schenectady, N. Y., assignor to General Electric Company. Induction-motor.	854,760	May 28	4804	998	128	1324
Reist, Henry G., Schenectady, N. Y., assignor to General Electric Company. Ventilating dynamo-electric machines.	856,423	June 11	1963	404	128	2225
Reiter, Edward C., Rockville, Conn. Drip-pan.	864,556	Aug. 27	3846	1066	129	3376
Reiter, Elza H., Galesburg, Ill. Boiler-cleaner.	861,053	July 23	4231	1159	129	1488
Reiter, George, Pleasant Ridge, Ohio. Slipper for soaking the feet.	850,603	Apr. 16	3817	797	127	2637
Reith, E. B. (See Fish, Joseph F., assignor.)						
Reliance Edge Tool Company. (See McCarty and Wooster, assignors.)						
Reller, Joseph E., Indianapolis, Ind. Meat-clamp for butchers' blocks.	845,263	Feb. 26	5055	1075	126	3165
Remaly, Wilson J., Nazareth, Pa. Toy air-ship.	870,047	Nov. 5	271	74	131	93
Remelius, Charles, Newark, N. J., assignor to Columbia Machine Works and Malleable Iron Company, Brooklyn, N. Y. Fuse-box.	851,560	Apr. 23	5701	1194	127	3144
Remellus, Charles, New York, assignor to Columbia Machine Works & Malleable Iron Co., Brooklyn, N. Y. Armature-banding apparatus for lathes.	858,910	July 2	937	244-5	129	322
Remelius, Charles A., assignor to E. H. Fallows, trustee, New York, N. Y. Separable brake shoe and head.	854,761	May 28	4806	998	128	1323
Remich, William, Sinking Spring, Pa. Shaft and thill iron.	874,625	Dec. 24	4754	999	131	2029
Reminger, Theodore, Tiffin, Ohio. Tooth-brush.	860,107	July 16	2761	754	129	976
Remington Arms Company. (See Witherell, George E., assignor.)						
Remington, George H., <i>et al.</i> (See Caldwell and Drew, assignors.)						
Remington, Harvey F. (See Long, Samuel W., assignor.)						
Remington and Sherman Company. (See Williams, James H., assignor.)						
Remington, William M., Springfield, assignor to Stevens-Duryea Company, Chicopee Falls, Mass. Lever-locking device.	858,538	July 2	295	73	129	104
Remmers, Harry C., Philadelphia, Pa. Chocolate-coating machine.	843,300	Feb. 5	958	195	126	2033
Remmers, Henry, Omaha, Nebr. Potato-planter.	860,570	July 16	3453	948-9	129	1207
Remmers, Theodore W. (See Green, John, assignor.)						
Rémond, Louis, administrator. (See Gautier, Gustave.)						
Rémond, Louis, assignor to Grand Rapids Show Case Company, Grand Rapids, Mich. Roller-support for doors.	844,471	Feb. 19	3226	696	126	2671
Rémond, Louis, assignor to Grand Rapids Show Case Company, Grand Rapids, Mich. Article-support for wardrobes.	874,348	Dec. 17	4189	882	131	1905
Rempe, Jacob E., assignor to Rempe-Shidler Manufacturing Company, Kankakee, Ill. Semirotary motor.	856,182	June 4	1410	298	128	2048
Rempe-Shidler Manufacturing Company. (See Rempe, Jacob E., assignor.)						
Rempis, John H., Grand Rapids, Mich. Mold for concrete building-blocks.	854,843	May 28	4971	1034	128	1368
Rempis, William F. (See Fosnot, Louis P., assignor.)						
Remsburg, Arthur S., assignor to Western Tool and Manufacturing Company, Springfield, Ohio. Tool-holder.	861,768	July 30	5355	1477	129	1878
Remsburg, Charles J., Lewistown, Md. Live-fish holder.	846,864	Mar. 12	2306	507	127	617
Remus, Teodor, Dresden, Germany. Apparatus for making metal fasteners or clamps.	860,248	July 16	2970	811	129	1046
Remy, Blaise J. M. (See Ageron and Remy.)						
Renaud, Ernest, assignor to J. B. Dupuis, Montreal, Quebec, Canada. Train-controlling means.	873,605	Dec. 10	2663	560-2	131	1628
Renault, Edward, Waldo, Fla. Apparatus for destroying plant life.	851,376	Apr. 23	5347	1121	127	3058
Renault, Louis, Billancourt, France. Carbureter.	844,894	Feb. 19	4331	924-5	126	2941
Renault, Louis, Billancourt, France. Speed-changing mechanism.	848,494	Mar. 26	5555	1212	127	1487
Renaux, Prosper, Paris, France. Change-speed and reversing mechanism.	846,620	Mar. 12	1840	404-5	127	498
Rendle, Thomas, Ottawa, Ill. Last and last-support.	859,892	July 9	2424	659	129	835
Renfrow, William C. (See Misner, Edgar D., assignor.)						
Renick, Frederick E., Mammoth Spring, Ark. Water-wheel.	870,586	Nov. 12	1114	305	131	394
Reniff, James R., assignor of one-half to E. H. Gold, Chicago, Ill. Connecting-pin.	845,121	Feb. 26	4782	1014	126	3097
Reniff, James R., assignor of one-half to E. H. Gold, Chicago, Ill. Draft-rigging.	852,801	May 7	877	178	128	223
Renken, Henry A., New York, assignor to F. Wesel Manufacturing Company, Brooklyn, N. Y. Routing-machine and the like.	852,577	May 7	415	76-	128	110
Renkenberger, Edward, Buffalo, N. Y. Hacksaw-machine.	865,269	Sept. 3	767	219-20	130	233
Renn, Samuel N., Spencerville, Ind. Cistern screen and filter.	863,092	Aug. 13	1509	430	129	2612
Renne, William M., Belvidere, Ill. Bag-holder.	870,687	Nov. 12	1290	352	131	453
Renner, Charles. (See Bibby, Arthur, assignor.)						
Renner, John, Burlington, Iowa. Ball-bearing window-shade adjuster.	840,373	Jan. 1	1193	261-2	126	314
Renner, Peter, Cincinnati, Ohio. Cigar-case.	848,854	Apr. 2	520	103	127	1721
Renner, Peter, Cincinnati, Ohio. Boiler-tube-cleaning apparatus.	359,520	July 9	1850	498-9	129	653
Rennerfelt, Gustaf, Scranton, Pa. Roller-bearing.	847,260	Mar. 12	3067	676	127	804
Rennerfelt, Gustaf, Scranton, Pa. Roller-bearing.	847,261	Mar. 12	3071	677	127	805
Rennerfelt, Gustaf T., Scranton, Pa., assignor to W. H. Foster, New York, N. Y. Speed-varying mechanism.	845,896	Mar. 5	353	72	127	92
Rennerfelt, Gustaf, Scranton, Pa., assignor of one-half to A. Ekstrom, Albany, N. Y. Steam-condenser.	847,605	Mar. 19	3776	828	127	1015
Rennett, Otto, London, England. Switching arrangement.	840,516	Jan. 8	1474	326	126	422
Rennie, Robert. (See Puddington, Arthur W., assignor.)						
Rennie, John A. (See Driscoll and Rennie.)						
Rennpath, Henry, deceased. (See Loescher, Henry, assignor.)						
Rennpath, Jeannette, administratrix. (See Loescher, Henry.)						
Reno, Jesse W., New York, N. Y. Inclined elevator.	859,252	July 9	1450	386	129	522

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Reno, Joseph I., Rochester, Pa. Support for corpses in caskets.....	872,584	Dec. 3	567	118-19	131	1254
Reno, William E. (See Connaty and Reno.)						
Renshaw, Clarence. (See Lamme and Renshaw.)						
Renshaw, Clarence, Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulator for alternating-current motors.....	839,958	Jan. 1	315	69	126	87
Renshaw, James, Point Marion, Pa. Boiler.....	841,571	Jan. 15	3551	767	126	994
Renshaw, William. (See Kennedy, Martin, assignor.)						
Renshaw, William F. (See Kennedy, Martin, assignor.)						
Rensman, Ludwig. (See Kahle and Rensman.)						
Renson, Joseph M. H., Liege, Belgium. Signaling apparatus for tramways.....	864,488	Aug. 27	3699	1031	129	3331
Renton, George W., Brooklyn, N. Y. Boat-plug.....	847,112	Mar. 12	2784	615	127	733
Rentzsch, Louis H., Meissen, Germany. Manufacture of tubular or hollow bodies from plastic materials.....	866,517	Sept. 17	2702		130	908
Reo Car Co. (See Thomas, Horace T., assignor.)						
Reo Motor Car Company. (See Thomas, Horace T., assignor.)						
Reohr, John H., Yonkers, N. Y., assignor, by mesne assignments, to Magazine and Book Company of New York. Means for cooperative advertising.....	853,473	May 14	2221	462	128	602
Repass, Frank P., Marion, Va. Combination office article.....	859,841	July 9	2344	637	129	811
Repath, Charles H. (See Garred, Ulysses A., assignor.)						
Repetto, Andrea, San Francisco, Cal. Chimney construction.....	859,616	July 9	2005	541	129	703
Repetto, John, Philadelphia, Pa. Metallic crate or case for bottles, jars, and the like.....	873,085	Dec. 10	1643	342-3	131	1456
Repetto, John, Philadelphia, Pa. Metallic crate.....	873,086	Dec. 10	1646	343	131	1456
Repetto, John, Philadelphia, Pa. Bottle-stopper.....	873,087	Dec. 10	1650	343	131	1457
Replogle, Jacob L., and G. E. Thackray, Westmont, Pa. Dust-deflector.....	852,035	Apr. 30	6738	1401	127	3442
Replogle, James B., Chicago, Ill. Press or sad iron.....	854,431	May 21	4151	860	128	1132
Repp, Clinton B., assignor to C. M. M. Vahjen, New York, N. Y. Treadle attachment for toy sewing-machines.....	859,779	July 9	2253	612	129	783
Repp, Clinton B., New York, assignor to C. M. M. Vahjen, Brooklyn, N. Y. Combined sewing-machine and stand.....	872,848	Dec. 3	1124	237	131	1342
Repp, Ephraim B., New Windsor, Md. Iron structure.....	864,557	Aug. 27	3847	1066	129	3376
Repp, Ephraim B., New Windsor, Md. Metal structure.....	872,018	Nov. 26	3953	952	131	1033
Repp, John C., Pittsburg, Pa. Curtain-pole.....	849,855	Apr. 9	2432	496	127	2243
Reppert, Otto, J. F. Fruchte, and F. L. Litterer, Decatur, Ind. Gate-hinge.....	861,898	July 30	5550	1531	129	1938
Reppert, Richard von, St. Louis, Mo. Adding-machine.....	858,626	July 2	460	120-2	129	160
Repsold, Paul, Riga, Russia. Drilling apparatus for dentists.....	866,518	Sept. 17	2704	755	130	908
Republic Railway Appliance Company. (See De Remer, William L., assignor.)						
Republic Railway Appliance Company. (See Mobley, Richard, assignor.)						
Republic Metalware Company. (See Stine, Edward L., assignor.)						
Republic Rubber Company. (See Mell, Tod J., assignor.)						
Requa, John J., New York, N. Y. Display-stand.....	852,451	May 7	83	17	128	24
Requa, John J., New York, N. Y. Caustic-pencil holder.....	856,296	June 11	1669	346	128	2150
Réquillart, Edouard. (See Chalas, Réquillart, and Contal.)						
Res Manufacturing Company. (See Brayton, Bradford I., assignor.)						
Resderk, Frank, Roscoe, Pa. Ink-well.....	872,973	Dec. 3	1368	288	131	1382
Reser, William S., assignor of one-third to C. E. Ramby, Dayton, Ohio. Sewing-machine bearing.....	857,537	June 18	4066	864	128	2796
Resilient Hub (Jackson's Foreign Patents) Syndicate. (See Jackson, Loftus and J., assignors.)						
Restein, Clement, Philadelphia, Pa. Packing.....	843,630	Feb. 12	1599	338	126	2227
Restein, Clement, Philadelphia, Pa. Packing.....	859,253	July 9	1451	387	129	522
Rettig, George, Jr. (See Nuernberger and Rettig.)						
Rettig, John M., Chanute, Kans. Oil-hoisting apparatus for wells.....	865,429	Sept. 10	1038	296	130	345
Reule, Michael. (See Glenn and Reule.)						
Reuleaux, Josef, Wilkensburg, assignor to A. Laughlin, Pittsburg, Pa. Continuous heating-furnace.....	875,458	Dec. 31	6421	1340-1	131	2322
Reuleaux, Josef, Wilkensburg, assignor to A. Laughlin, Pittsburg, Pa. Continuous heating-furnace.....	875,459	Dec. 31	6423	1341-2	131	2323
Reulmann, William F., Cincinnati, Ohio. Sole-edge trimmer.....	855,133	May 28	5583	1162	128	1522
Reuss, Theodor, Kötzschenbroda, Germany. Cycle-wheel guard.....	853,115	May 7	1498	313	128	378
Reutar, Herman C., assignor to E. C. Cook & Bro., Chicago, Ill. Gun-case.....	873,786	Dec. 17	3017	640	131	1721
Reuter, Henry J., St. Louis, Mo. Temporary binder.....	845,818	Mar. 5	170	33	127	46
Reuter, Ludwig H., New York, N. Y. Making terpin hydrate.....	840,962	Jan. 8	2354		126	642
Reuter, Ludwig H., New York, N. Y. Making alkyl ethers of morphin.....	842,011	Jan. 22	4454		126	1252
Reuter, Ludwig H., New York, N. Y. Preventing oxidation of formaldehyde and product thereof.....	853,265	May 14	1804		128	489
Reuter, Ludwig H., Hoboken, N. J. Composition for disinfecting, antiseptic, and other purposes.....	875,380	Dec. 31	6272		131	2298
Reuter, Ludwig H., assignor to Basic Chemical Company, New York, N. Y. Soap.....	842,010	Jan. 22	4452		126	1252
Reuther, Emil J., et al. (See Guild, George R., assignor.)						
Reuther, John, Le Roy, and W. Reuther, Marilla, N. Y. Potato-digger.....	847,606	Mar. 19	3779	828-9	127	1016
Reuther, William. (See Reuther, John and W.)						
Revell, Roland, West Hampstead, London, assignor to T. K. Barnard, Stroud, England. Trumpet or horn of sound-reproducing instruments.....	867,836	Oct. 8	931	266	130	1617
Rever, Everett I., et al. (See Rever, Robert P., assignor.)						
Rever, Robert P., assignor of three-fifths to E. I. Rever, Newark, N. J., and F. Van Winkle, Brooklyn, N. Y. Trolley-pole attachment.....	871,442	Nov. 19	2735	690-1	131	814
Revere, Paul, New York, N. Y. Blind-fastener.....	853,735	May 14	2767	570	128	745
Revere, Paul, assignor to A. L. Shipman's Sons, New York, N. Y. Loose-leaf binder.....	852,139	Apr. 30	6930	1447	127	3489
Revere Rubber Company. (See Cobb, Henry Z., assignor.)						
Revolving Cylinder Motor Co. (See O'Brien, Thomas, assignor.)						
Rex Shield and Manufacturing Company. (See Charles, Owen A., assignor.)						
Rey, Jean A., Paris, France. Controlling mechanism for submarine mines.....	850,967	Apr. 23	4527	947-8	127	2853
Reyburn, Amedee V., Jr., St. Louis, Mo. Reinforcing-bar for concrete.....	857,671	June 25	4320	913	128	2889
Reyburn, John E. (See Rankin, William K., assignor.)						
Reyburn, John E. (See Rankin and Kelly, assignors.)						
Reyburn, John E. (See Young, Harry W., assignor.)						
Reymershoffer, Charles. (See Rahm, Philip, assignor.)						
Reynolds, Afton G., et al. (See Taylor, James M., assignor.)						
Reynolds, Albert, et al. (See Blair, Gardner L., assignor.)						
Reynolds, Alva L. and G. A., Huntington Beach, Cal. Wave-motor.....	850,492	Apr. 16	3613	756	127	2584
Reynolds, Arthur J. (See Reynolds, Ernest W. and A. J.)						
Reynolds, Charles H., Milan, Mo. Saw-sharpening apparatus.....	863,446	Aug. 13	2123	573	129	2778
Reynolds, Charles W., Los Angeles, Cal. Briquet-machine.....	867,210	Sept. 24	3781	1068-9	130	1279
Reynolds, Chauncey W., Jr., assignor of one-half to O. H. Mock, Colorado City, Colo. Flue-stop.....	849,640	Apr. 9	2026	416	127	2139
Reynolds, Clifford W., Omaha, Nebr. Refrigerator.....	847,823	Mar. 19	4250	931	127	1126

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Reynolds, Clifford W., Omaha, Nebr. Fireless cooker.....	860,991	July 23	4146	1135	129	1463
Reynolds & Co. (See English, James, assignor.)						
Reynolds, Edward G., assignor of two-thirds to R. L. Britt and W. S. Wyrich, Wapakukka, Ind. Ter. Window-shade.....	858,417	July 2	84	23	129	29
Reynolds, Ernest W., New York, N. Y., and A. J. Reynolds New Britain, Conn. Target-throwing trap.....	858,026	June 25	5070	1073-4	128	3078
Reynolds, Frank D. (See Sachs and Reynolds.)						
Reynolds, Frank D., assignor to Sachs Company, Hartford, Conn. Making complete fuse-strips of safety-fuses.....	862,938	Aug. 13	1359	371	129	2536
Reynolds, George A. (See Reynolds, Alva L. and G. A.)						
Reynolds, George H. (See Kohl, John W., assignor.)						
Reynolds, George H., Mansfield Depot, Conn. Decorticating-machine.....	862,846	Aug. 6	1226	331	129	2459
Reynolds, George H., Mansfield Depot, Conn., assignor to Pipe Bending Machine Company. Pipe-bending machine.....	849,571	Apr. 9	1900	388-9	127	2108
Reynolds, George L., Auburn, N. Y. Horseshoe.....	866,733	Sept. 24	3043	858	130	1050
Reynolds, Harry B., Stockport, England. Spinning and doubling frame.....	868,009	Oct. 15	1254	347	130	1739
Reynolds, Harry M., Grand Rapids, Mich. Lining for tanks.....	853,828	May 14	2957	606	128	792
Reynolds, Henry J., Cleveland, Ohio. Combined gage and stop-cock.....	854,108	May 21	3551	732	128	976
Reynolds, Henry S., Brooklyn, N. Y. Barrel or receptacle.....	854,237	May 21	3810	786	128	1045
Reynolds, Herman M., Oneida, N. Y. Thill-coupling.....	867,413	Oct. 1	277	81	130	1398
Reynolds, Horace A., Woonsocket, R. I., assignor to Electric Compositor Company, New York, N. Y. Indicator-gage.....	864,861	Sept. 3	157	44	130	49
Reynolds, Horace A., Woonsocket, R. I., assignor to Electric Compositor Company, New York, N. Y. Routing-machine fixture.....	864,862	Sept. 3	159	44-5	130	50
Reynolds, Irving H., and F. E. Norton, Youngstown, Ohio. Compound engine.....	867,078	Sept. 24	3573	1013	130	1213
Reynolds, James A., administrator. (See Reynolds, William N.)						
Reynolds, James A., Waterloo, Nebr. Brace for posts.....	866,303	Sept. 17	2404	671	130	813
Reynolds, John R., assignor to Smyth Manufacturing Company, Hartford, Conn. Sewing-machine.....	843,099	Feb. 5	532	111	126	1929
Reynolds, John R., assignor to Waterproof Welt and Filler Company, Hartford, Conn. Making waterproof welts. (Reissue).....	12,685	Aug. 27	4170	1158	129	3474
Reynolds, John W., Proctor, Vt. Damper attachment.....	869,806	Oct. 29	4089	1130	130	2663
Reynolds, Joseph S., Santa Barbara, Cal. Electric heater.....	856,807	June 11	2677	552	128	2406
Reynolds, Leander E. (See Reynolds, Leander B. and L. E.)						
Reynolds, Leander E., Grand Rapids, Mich. Knockdown box.....	865,430	Sept. 10	1040	297	130	345
Reynolds, Leander B. and L. E., Grand Rapids, Mich. Curtain-fixture.....	851,561	Apr. 23	5703	1195	127	3144
Reynolds, Miron G., Anderson, Ind. Pressure-controlling system.....	843,174	Feb. 5	683	143	126	1966
Reynolds, Oliver B., Elgin, Ill. Power-hammer.....	855,730	June 4	552	114-15	128	1837
Reynolds, Oliver B., Elgin, Ill. Wagon-box.....	874,704	Dec. 24	4917	1033	131	2055
Reynolds, Samuel and S. J., Plymouth, Pa. Journal-box.....	870,587	Nov. 12	1115	305	131	394
Reynolds, Samuel J. (See Reynolds, Samuel and S. J.)						
Reynolds, Samuel W., West Toledo, Ohio. Spot-setting machine.....	856,730	June 11	2539	522	128	2371
Reynolds, Sydney W. (See Bell and Reynolds.)						
Reynolds, Thomas. (See Johnson and Reynolds.)						
Reynolds, William. (See Hutcheson and Reynolds.)						
Reynolds, William B., and E. B. McCarthy, Fulton, N. Y. Shade-roller attachment.....	848,495	Mar. 26	5557	1213	127	1488
Reynolds, William C., Alpena, Mich. Train-order signal.....	843,175	Feb. 5	685	143	126	1967
Reynolds, William C., Norwich, Conn. Ticket-printing machine.....	875,460	Dec. 31	6424	1342-3	131	2323
Reynolds, William H., assignor to Monroe Novelty Company, Rochester, N. Y. Twine-holder.....	864,336	Aug. 27	3466	965	129	3253
Reynolds, William J., assignor of two-thirds to J. Murphy and J. A. Rogan, Pittsburgh, Pa. Fender for cars.....	858,670	July 2	541	139	129	187
Reynolds, William N., deceased, Pierre, S. D.; J. A. Reynolds, administrator. Fence-post.....	842,811	Jan. 29	6177	1305	126	1718
Reyscher, Karl, Bielefeld, Germany. Drying apparatus.....	847,694	Mar. 19	3983	871	127	1066
Reznick, Anton, Jersey City, N. J., assignor to C. Bloomberg, New York, N. Y. Belt.....	843,491	Feb. 5	1302	273	126	2119
Rhea, Josiah L. (See Wise and Rhea.)						
Rheinische Metallwaren-und Maschinen Fabrik. (See Motz and Müller, assignors.)						
Rheinische Metallwaren-und Maschinenfabrik. (See Aasen, Niels W., assignor.)						
Rheinische Metallwaren-und Maschinenfabrik. (See Dahlke, Hermann, assignor.)						
Rheinische Metallwaren-und Maschinenfabrik. (See Völler, Karl, assignor.)						
Rheutau, Abram A., Worcester, Mass. Envelop-cutting mechanism.....	853,597	May 14	2463	513	128	665
Rhine, William H., et al. (See Rau, Henry, Jr., assignor.)						
Rhoades, Alonzo E., assignor to Draper Company, Hopedale, Mass. Bobbin-holder.....	850,099	Apr. 9	2846	596	127	2345
Rhoades, Alonzo E., assignor to Draper Company, Hopedale, Mass. Balling-machine.....	867,153	Sept. 24	3685	1043-4	130	1249
Rhoades, Alonzo E., assignor to Draper Company, Hopedale, Mass. Spooler.....	869,519	Oct. 29	3641	998	130	2528
Rhoades, Alonzo E., assignor to Draper Company, Hopedale, Mass. Lay-motion for looms.....	873,606	Dec. 10	2668	562	131	1629
Rhoades, Alonzo E., assignor to Draper Company, Hopedale, Mass. Thread-parting mechanism for looms.....	875,461	Dec. 31	6430	1343	131	2324
Rhoades, James W., Fostoria, Ohio. Oil-well jack.....	840,374	Jan. 1	1196	262	126	314
Rhoads, Hilbert C., Chester, Pa. Screw-eye driver.....	855,905	June 4	905	188	128	1922
Rhodabarger, Ulysses S. (See Shear and Rhodabarger.)						
Rhode Island Elevator and Machine Company. (See Handy, Arthur E., assignor.)						
Rhoden, Robert E., Graniteville, S. C. Thin-place-detector mechanism for looms.....	855,341	May 28	5959	1244	128	1618
Rhodes, Albert M., assignor of two-thirds to H. Alexander and R. O. Franke, Houston, Tex. Folding paper box.....	861,899	July 30	5551	1531	129	1938
Rhodes, Allin L. (See Copp, Gardner P., assignor.)						
Rhodes, Carl C., Honolulu, Hawaii, and H. G. Rhodes, San Francisco, Cal. Sprinkler.....	846,426	Mar. 5	1425	316	127	359
Rhodes, Charles M., Steubenville, Ohio. Trolley.....	874,242	Dec. 17	3986	841	131	1871
Rhodes, Edgar, Scholes, near Leeds, England. Appliance for fixing and cutting off the upper or wearing portions of compound tramway-rails.....	871,822	Nov. 26	3496	856	131	966
Rhodes, Elbert C., Detroit, Mich. Rotary engine.....	873,607	Dec. 10	2671	562-3	131	1629
Rhodes, Harry G. (See Rhodes, Carl C. and H. G.)						
Rhodes, James L., Green Forest, Ark. Desk.....	857,110	June 18	3254	684	128	2590
Rhodes, Jay B., assignor to Austin Manufacturing Company, Chicago, Ill. Gyrotory crusher.....	839,891	Jan. 1	175	39	126	49
Rhodes, Jay B., Harvey, assignor to F. C. Austin Manufacturing Company, Chicago, Ill. Draft-rigging for elevating-graders.....	863,880	Aug. 20	2781	765	129	3015
Rhodes, Jesse J., Newbern, N. C., and J. Millar, Cincinnati, Ohio. Scraper-flight for conveyer-chains.....	866,519	Sept. 17	2704	756	130	908
Rhodes, Joseph B., Harrisburg, Pa. Automatic stop-motion for knitting-machines.....	853,032	May 7	1362	283	128	346
Rhodes, Joshua, et al. (See Kaplan, Joseph A., assignor.)						
Rhodes, Rufus N., et al. (See Memasco, Charles J., assignor.)						
Rhodes, Walter, Leeds, and R. Macomochie, Birmingham, England. Adjustable bracket or fitting for supporting shelves and other articles.....	861,900	July 30	5552	1532	129	1939

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Rhodovi, Edward, Stanford, Ill. Baling-press.	855,669	June 4	425	88-9	123	1803
Rhonemus, Arthur, Belle Vernon, Pa. Furnace.	851,438	Apr. 23	5467	1144-5	127	3089
Rhorer, Charles E., Columbus, Ind. Friction-clutch.	861,482	July 30	4919	1350-1	129	1745
Rhoulst, Joseph A., assignor of one-half to H. W. Spaulding, Haverhill, Mass. Sewing shoe-soles to uppers. (Reissue)	12,607	Feb. 12	2916	620	126	2556
Rhoulst, Joseph A., assignor of one-half to H. W. Spaulding, Haverhill, Mass. Shoe-sewing machine.	850,055	Apr. 9	2757	579-80	127	2322
Rhoulst, Joseph A., assignor of one-half to H. W. Spaulding, Haverhill, Mass. Feeding mechanism for sewing-machines and the like.	858,539	July 2	296	74	129	105
Ribatto, Candido, <i>et al.</i> (See McKay, Peter, assignor.)						
Ribbed Concrete Building Company. (See Davis, Lewis K., assignor.)						
Riblet, George E., Erie, Pa. Steam-engine valve.	847,369	Mar. 19	3303	725-6	127	889
Riblet, George E., Erie, Pa. Heater.	859,012	July 2	1093	289	129	372
Riblet, Oliver S., Erie, Pa. Collapsible form for concrete-work.	842,812	Jan. 29	6178	1305-6	126	1719
Ricciardi, Bartolomeo, New York, N. Y. Tailor's square.	845,317	Feb. 26	5178	1092	126	3175
Ricciardi, Bartolomeo, New York, N. Y. Tailor's tape-measure.	869,264	Oct. 29	3222	887	130	2401
Rice, Charles E. (See Atherton and Rice.)						
Rice, Charles E., Livermore, Ky. Device for filling graves.	844,895	Feb. 19	4334	925	126	2941
Rice, Charles E., Livermore, assignor of one-half to A. L. Parrish, Owensboro, Ky. Headlight for stock.	841,048	Jan. 8	2521	550	126	685
Rice, Charles H., Hazleton, Pa. Squib-box.	863,447	Aug. 13	2125	573	129	2778
Rice, Charles L., Chippewa county, Minn. Paper-folding machine.	870,903	Nov. 12	1045	451-3	131	565
Rice, Charles T., Chicago, Ill. Folding bed.	841,341	Jan. 15	3125	675	126	883
Rice, Edward E., New Durham, N. H., assignor to Osborn Manufacturing Company, Cleveland, Ohio. Rotary brush.	853,378	May 14	2056	425	128	560
Rice, Edwin I., Springfield, Mass. Printer's lead-cutter.	844,746	Feb. 19	4046	862	126	2867
Rice Electric Switch Company. (See Rice, Elton J., assignor.)						
Rice, Elmer E., Eau Claire, Wis. Detachable hinge.	863,221	Aug. 13	1811	487	129	2681
Rice, Elmer E., Eau Claire, Wis. Hinge.	864,690	Aug. 27	4065	1129	129	3442
Rice, Elton J., assignor to Rice Electric Switch Company, Spokane, Wash. Switch-operating device.	850,604	Apr. 16	3818	797	127	2637
Rice, Ernest J. A., Harvard, Nebr. Gate.	855,980	June 4	1045	217	128	1958
Rice, Frank H., Oakland, Cal. Record-calendar.	851,439	Apr. 23	5469	1145	127	3090
Rice, Frank H., Chicago, Ill., assignor to Automatic Fire Protection Company. Alarm for automatic fire-extinguishers.	840,375	Jan. 1	1198	262	126	315
Rice, Frank W. (See Dennis and Rice.)						
Rice, George M., Worcester, Mass. Treating complex ores containing zinc and other volatilizable metals.	875,381	Dec. 31	6274	1309	131	2298
Rice, George O., San Francisco, Cal. Combined pipe and monkey wrench.	851,106	Apr. 23	4783	1006	127	2917
Rice, John V., Jr., Edgewater Park, N. J. Hydrocarbon rock-drill.	840,867	Jan. 8	2157	476	126	591
Rice, John V., Jr., Bordentown, N. J. Hydrocarbon rock-drill.	842,246	Jan. 29	4949	1055-6	126	1406
Rice, John V., Jr., Bordentown, N. J. Vaporizer for gas-engines.	857,111	June 18	3256	685	128	2590
Rice, John V., Jr., Bordentown, N. J. Valve-gear for explosion-engines.	857,672	June 25	4322	913-14	128	2890
Rice, John V., Jr., Edgewater Park, N. J., assignor to A. E. Tower, Poughkeepsie, and F. E. Tasker, New York, N. Y. Gas-actuated rock-drill.	862,847	Aug. 6	1227	332	129	2459
Rice, John V., Jr., Edgewater Park, N. J., assignor to A. E. Tower, Poughkeepsie, and F. E. Tasker, New York, N. Y. Hydrocarbon rock-drill.	863,646	Aug. 20	2436	669-70	129	2906
Rice, Joseph T., West Hoboken, assignor to King, Rice and Ganey, Weehawken, N. J. Apparatus for aligning conduit-sections.	871,067	Nov. 12	1899	519-20	131	644
Rice, Louis E., Salem, Ohio, assignor to Silver Manufacturing Company. Automatic drilling-machine.	857,538	June 18	4068	864	128	2793
Rice, Louis E., Cleveland, assignor to Silver Manufacturing Company, Salem, Ohio. Feed-cutter attachment.	864,691	Aug. 27	4065	1129	129	3442
Rice, Moses, Philadelphia, Pa. Preparing stalks of grain for forming sheaves.	867,601	Oct. 8	579	164	130	1510
Rice, Nicholas J., Meadville, Pa. Vehicle-brake.	864,031	Aug. 20	2997	828	129	3080
Rice, Orrie A., Eldred, Pa. Tug-holder.	856,297	June 11	1670	346	128	2151
Rice, Richard H. (See Callan and Rice.)						
Rice, Richard H., Lynn, Mass., assignor to General Electric Company. Elastic-fluid turbine.	840,376	Jan. 1	1202	263	126	316
Rice, Richard H., Swampscott, Mass., assignor to General Electric Company. Governing mechanism for turbines.	858,540	July 2	297	74-5	129	105
Rice, Richard H., Swampscott, Mass., assignor to General Electric Company. Nozzle and diaphragm for turbines.	866,068	Sept. 17	2065	576	130	706
Rice, Robert, assignor of one-half to G. Stroh, Detroit, Mich. Stop-cock.	871,956	Nov. 26	3791	921	131	1011
Rice, Robert F., Bridgeport Conn. Amusement device.	853,898	May 14	3107	636-7	128	827
Rice, Samuel T., <i>et al.</i> (See Kersey, Richard, assignor.)						
Rice, Thomas B., Jr., Philadelphia, Pa. Indicator.	852,979	May 7	1252	258	128	318
Rice, Thomas B., Jr., Philadelphia, Pa. Device for handling material.	857,673	June 25	4324	914	128	2891
Rice, Thomas B., Jr., Philadelphia, Pa. Device for automatically stopping a planing-machine.	865,124	Sept. 3	553	154	130	168
Rice, Walter F., Quincy, Mass., assignor to General Electric Company. Core-box.	873,170	Dec. 10	1807	379	131	1483
Rice, Walter F., Quincy, Mass., assignor, by mesne assignments, to General Electric Company. Core-box.	873,684	Dec. 10	2801	590-7	131	1654
Rice, Walter F., Quincy, Mass., assignor, by mesne assignments, to General Electric Company. Bucket for turbines.	874,993	Dec. 31	5521	1152	131	2174
Rice, William H. (See Hoskins, Nathaniel W., assignor.)						
Rice, William O. (See Fairbanks and Rice.)						
Rice, William P., Chicago, Ill. Malt-house and apparatus. (Reissue)	12,728	Dec. 3	1446	301-2	131	1393
Rich, Charles A. (See Macleod and Rich.)						
Rich, Frank, Crawley, England. Detachable inner tube for pneumatic tires.	852,619	May 7	491	91	128	129
Rich, George H., Chicago, Ill. Grain-grader.	855,981	June 4	1047	217	128	1959
Rich, Harrison, Grand Rapids, Mich. Window.	868,698	Oct. 22	2366	655	130	2109
Rich, Jerome, Jackson, Mich. Scrubbing-brush.	846,346	Mar. 5	1246	274	127	314
Rich, Lester M., Cincinnati, Ohio. Adjustable stool back-rest.	842,976	Feb. 5	263	57	126	1855
Rich, Solomon M., St. Louis, Mo. Combined warehouse invoice and freight book.	870,048	Nov. 5	272	74	131	93
Rich, Walter R., New York, N. Y. Dust-pan.	868,887	Oct. 22	2648	732	130	2194
Rich, William A., Pittsburg, Pa. Combination wrench and can-opener.	855,982	June 4	1048	217	128	1959
Richard, Jules, Paris, France. Galvanometer.	866,387	Sept. 17	2529	704-5	130	853
Richard, Marc F. (See Leger, Dominick S., assignor.)						
Richard, Murdoch, and W. Scott, Glasgow, Scotland. Baker's oven.	860,151	July 16	2824	771-2	129	1000
Richards, Charles W., Needham, assignor to Plant Company, Boston, Mass. Treeing-iron.	871,184	Nov. 19	2152	575	131	726
Richards, Enoch C., Portland, Me. Storm-window fastener.	855,259	May 28	5817	1213	128	1583
Richards, Francis H., Hartford, Conn. Carving-machine.	841,183	Jan. 15	2804	612	126	804
Richards, Francis H., Hartford, Conn. Mechanical movement.	841,342	Jan. 15	3129	675-6	126	882
Richards, Francis H., Hartford, Conn. Mechanical movement.	841,443	Jan. 15	3315	717	126	932

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Richards, Francis H., Hartford, Conn. Mechanical movement	841,444	Jan. 15	3319	717-18	126	933
Richards, Francis H., Hartford, Conn. Device for converting motion	841,445	Jan. 15	3323	718	126	934
Richards, Francis H., Hartford, Conn. Carving-machine	842,422	Jan. 29	5344	1132-3	126	1515
Richards, Francis H., Hartford, Conn. Candy-working machine	843,100	Feb. 5	539	112	126	1931
Richards, Francis H., Hartford, Conn. Mechanical movement	848,686	Apr. 2	128	28	127	1619
Richards, Francis H., Hartford, Conn. Making playing-balls	849,572	Apr. 9	1902	390	127	2109
Richards, Francis H., Hartford, Conn. Adjusting device	850,252	Apr. 16	3148	658	127	2464
Richards, Francis H., Hartford, Conn. Making playing-balls	850,253	Apr. 16	3151	658	127	2465
Richards, Francis H., Hartford, Conn. Rolling-press	851,377	Apr. 23	5348	1121-2	127	3059
Richards, Francis H., Hartford, Conn. Pivot connection	857,831	June 25	4650	987	128	2973
Richards, Francis H., Hartford, Conn. Mechanical movement	857,832	June 25	4652	987-8	128	2973
Richards, Francis H., Hartford, Conn. Automatically-fed machine	858,671	July 2	542	139-40	129	138
Richards, Francis H., Hartford, Conn. Mechanical movement	859,462	July 9	1764	472-3	129	625
Richards, Francis H., Hartford, Conn. Mechanical movement	859,581	July 9	1955	527	129	687
Richards, Francis H., Hartford, Conn. Carving-machine	861,538	July 30	4998	1372-3	129	1771
Richards, Francis H., Hartford, Conn. Carving-machine	861,539	July 30	5004	1373-5	129	1773
Richards, Francis H., Hartford, Conn. Carving-machine	861,540	July 30	5010	1375-6	129	1776
Richards, Francis H., Hartford, Conn. Making playing-balls	863,448	Aug. 13	2125	573-4	129	2779
Richards, Francis H., Hartford, Conn. Fastening device for adjustable collars	864,989	Sept. 3	358	96	130	113
Richards, Francis H., Hartford, Conn. Carving-machine	867,079	Sept. 24	3574	1014	130	1213
Richards, Francis H., Hartford, Conn. Fastening device	867,302	Oct. 1	110	34	130	1348
Richards, Francis H., Hartford, Conn. Carving-machine	867,414	Oct. 1	277	82	130	1399
Richards, Francis H., Hartford, Conn. Carving-machine	867,602	Oct. 8	580	164-5	130	1511
Richards, Francis H., Hartford, Conn. Candy-working machine	868,010	Oct. 15	1255	348	130	1740
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, of one-half to American Typographic Corporation. Pantographic milling-machine	842,247	Jan. 29	4951	1056-7	126	1406
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Machine for making impressions	852,452	May 7	85	18-22	128	25
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Typographic machine	852,905	May 7	1093	225-9	128	280
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Mechanical movement	853,191	May 7	1628	340	128	411
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Typographic machine	853,208	May 7	1684	348-51	128	425
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, of one-half to American Typographic Corporation. Mechanical movement	854,056	May 21	3438	709-10	128	948
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Typographic machine	855,731	June 4	556	115-16	128	1838
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Type-bar blank	858,755	July 2	678	179	129	235
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Type-bar	858,756	July 2	679	179	129	235
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Type-bar and typographic form	862,511	Aug. 6	687	186	129	2300
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Typographic machine	864,430	Aug. 27	3603	1001-2	129	3298
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, of one-half to American Typographic Corporation. Adding-machine	866,162	Sept. 17	2195	611-12	130	747
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Mechanical movement	868,582	Oct. 15	2153	603	130	2017
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Mechanism for producing character impressions	871,145	Nov. 19	2073	559-60	131	713
Richards, Francis H., Hartford, Conn., assignor, by mesne assignments, to American Typographic Corporation. Typographic machine	875,212	Dec. 31	5941	1238-9	131	2245
Richards, Francis H., Hartford, Conn., assignor to American Linen Company, New Haven, Conn. Apparatus for treating flax	852,399	Apr. 30	7415	1556	127	3609
Richards, Frank P., Springfield, Ill. Floor-polisher	862,106	July 30	5877	1628	129	2040
Richards, George, Philadelphia, Pa. Belt-pulley	857,303	June 18	3620	766	128	2683
Richards, George, Philadelphia, Pa. Pulley	857,304	June 18	3621	766	128	2683
Richards, George, Philadelphia, Pa. Belt-pulley	857,305	June 18	3622	767	128	2684
Richards, George, Philadelphia, Pa. Pulley	857,306	June 18	3624	767	128	2684
Richards, George B. (See Thomson, Blakiston, Hope, and Richards.)						
Richards, George C., South Berkeley, Cal., assignor to Western Mill and Machine Company. Combined stamp and grinding mill	866,600	Sept. 17	2825	792	130	945
Richards, George C., Berkeley, Cal., assignor to Western Mill & Machine Co. Deep-well pump	871,185	Nov. 19	2153	575	131	727
Richards, George H., Terre Haute, Ind. Automatic car-stop	874,349	Dec. 17	4191	882	131	1906
Richards, George L., Malden, assignor to Standard Commercial Company, Boston, Mass. Barrel-head fastener	872,749	Dec. 3	906	188	131	1310
Richards, Harry W., Manitowoc, Wis. Coal-chute	867,156	Sept. 24	3693	1044	130	1253
Richards, Herbert W., Chicago, Ill. Grain-door for cars	852,906	May 7	1109	229	128	282
Richards, James P., Netawaka, Kans. Crate	862,659	Aug. 6	932	250	129	2372
Richards, Joseph E., Melrose, Mass., assignor to Irland Pipe Wrench Company. Pipe-wrench	868,127	Oct. 15	1430	402	130	1793
Richards, Joseph E., Melrose, and C. W. Walker, Boston, Mass., assignors to Irland Pipe-Wrench Company, Portland, Me. Pipe-wrench	868,126	Oct. 15	1429	402	130	1793
Richards, Julius H., Torrington, Conn. Transmission-gear. (See Lamareaux, Corwin, assignor.)	863,317	Aug. 13	1946	526	129	2720
Richards Manufacturing Company. (See Lamareaux, Corwin, assignor.)						
Richards Manufacturing Company. (See Wideman, Gustavus, assignor.)						
Richards, Orlando, Bristol, Wis. Wall and block for making the same	864,801	Sept. 3	57	17	130	21
Richards, Roy M., Mendon, N. Y. Grain-drill cleaner	869,730	Oct. 29	3985	1101	130	2632
Richards, Thomas C., Winsted, Conn. Supporting-bracket for curtain-rods	839,959	Jan. 1	319	70	126	88
Richards, Thomas C. (See Beebe, Charles C., assignor.)						
Richards, Victor L., East Orange, N. J. Gas-log	852,679	May 7	626	120	128	163
Richards, W. H., et al. (See Kiehle, James M., assignor.)						
Richards, W. R., et al. (See Vaughn, Clark D., assignor.)						
Richards, Walter J., Milwaukee, Wis. Fluid-pressure regulator	843,033	Feb. 5	385	85	126	1889
Richards, Walter J., Milwaukee, Wis. Automatic device for starting motors	858,467	July 2	156	42-3	129	52
Richards, Walter J., Milwaukee, Wis. Controlling apparatus	858,468	July 2	166	43-4	129	59
Richards, Walter J., Milwaukee, Wis. Fluid-pressure system	858,469	July 2	173	44	129	62
Richards, Walter J., Milwaukee, Wis. Fluid-pressure system	858,470	July 2	177	44	129	64
Richards, Walter J., Milwaukee, Wis. Controlling apparatus for pressure systems	858,471	July 2	181	44-5	129	67
Richards, Walter J., Milwaukee, Wis. Fluid-pressure system. (Reissue)	12,737	Dec. 31	6978	1453	131	2395
Richards, Walter J., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Dynamo-electric machine	854,704	May 21	4677	975	128	1262

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Richards, Walter J., Norwood, Ohio, assignor to Allis-Chalmers Company. Motor-control system.	865,820	Sept. 10	1677	467	130	553
Richards, Walter J., Norwood, Ohio, assignor to Allis-Chalmers Company. System of motor control.	865,821	Sept. 10	1680	467	130	555
Richards, Walter J., Norwood, Ohio, assignor to Allis-Chalmers Company. System of motor control.	867,154	Sept. 24	3688	1044	130	1250
Richards, Walter J., Norwood, Ohio, assignor to Allis-Chalmers Company. Motor-control system.	867,155	Sept. 24	3691	1044	130	1252
Richards, Walter J., Norwood, Ohio, assignor to Allis-Chalmers Company. Motor-control system.	872,684	Dec. 3	769	161	131	1289
Richards, Walter J., Norwood, Ohio, assignor to Allis-Chalmers Company. Motor-control system.	873,171	Dec. 10	1810	380	131	1483
Richards, Walter J., and C. P. Tolman, Milwaukee, Wis. Water-governor.	864,990	Sept. 3	361	96	130	114
Richards, Willard F., Buffalo, assignor to Gould Coupler Company, New York, N. Y. Truck-bolster.	848,265	Mar. 26	5110	1115	127	1378
Richards, Willard F., Buffalo, assignor to Gould Coupler Company, New York, N. Y. Car-underframe.	866,967	Sept. 24	3391	959-60	130	1158
Richards, William H., Philadelphia, Pa. Convertible bedstead.	860,938	July 23	4038	1106	129	1427
Richardson, Andrew T., Verona, Pa., assignor to Verona Tool Works. Coiling-machine.	861,608	July 30	5111	1404	129	1807
Richardson, Ansel W., Hadley, Mass. Bottle.	841,896	Jan. 22	4241	913	126	1201
Richardson, Artemas P. (See Wootten and Richardson.)						
Richardson, Benjamin P., Brookline, Mass. Mixing with or dissolving in water and distributing material to be applied to streets, roads, or railways.	862,939	Aug. 13	1361	371	129	2537
Richardson, Caleb E., et al. (See Shryock, William H., assignor.)						
Richardson, Charles G., and F. N. Connet, Providence, R. I. Valve.	863,449	Aug. 13	2129	574	129	2780
Richardson, Charles H., Jr., Allegheny, Pa. Beer-pipe cleaner.	870,384	Nov. 5	828	219	131	272
Richardson, Charles J., Baltimore, Md. Piston-replacing device.	850,675	Apr. 16	3976	831	127	2677
Richardson, Clifford. (See Rake and Richardson.)						
Richardson, Clifford, New York, and C. N. Forrest, Brooklyn, N. Y., assignors to Barber Asphalt Paving Company, Philadelphia, Pa. Bituminous paving-block.	853,116	May 7	1499		128	379
Richardson, Clifford, New York, and C. N. Forrest, Brooklyn, N. Y., assignors to Barber Asphalt Paving Company, Philadelphia, Pa. Bituminous composition.	853,117	May 7	1501		128	379
Richardson, Columbus J., Caldwell, Tex. Stalk-puller.	843,493	Feb. 5	1305	274	126	2120
Richardson, Donald V. (See Logan and Richardson.)						
Richardson, E. N. (See Hensley, George P., assignor.)						
Richardson, Earl H., Ontario, Cal. Electric laundry-iron.	866,810	Sept. 24	3164	889	130	1088
Richardson, Earl H., Ontario, assignor to Pacific Electric Heating Company, Los Angeles, Cal. Suspension-bracket.	868,888	Oct. 22	2649	732	130	2194
Richardson, Ernest, Beaver Falls, Pa. Enameled sign.	843,235	Feb. 5	815	168	126	2001
Richardson, Frank, Farmington, Mo. Carpet-stretcher.	860,992	July 23	4147	1136	129	1464
Richardson, Fred L., Rockland, Mass. Shoe-protector for shoe-racks.	870,993	Nov. 12	1800	490	131	612
Richardson, George H., Old Town, Me., assignor to Bickmore Gail Cure Company. Display-stand.	844,402	Feb. 19	3100	665	126	2639
Richardson, George J., West Charleston, W. Va. Rail-joint.	848,397	Mar. 26	5381	1173	127	1442
Richardson, Henry, New York, N. Y. Automatic weighing-machine.	844,188	Feb. 12	2623	561-2	126	2482
Richardson, Henry, New York, N. Y. Weighing and assorting apparatus.	856,724	June 11	2530	520	128	2369
Richardson, Henry, New York, N. Y. Automatic weighing-machine.	862,940	Aug. 13	1362	371-2	129	2537
Richardson, Henry, New York, N. Y. Discharge-controlling mechanism for weighing-machines.	871,630	Nov. 19	3108	771	131	874
Richardson, Henry, Chicago, Ill. Wire bed-bottom fabric.	865,799	Sept. 10	1618	458	130	525
Richardson, Henry, and A. L. Senesac, Chicago, Ill.; said Senesac assignor to said Richardson. Wire bed-bottom fabric.	856,298	June 11	1671	347	128	2151
Richardson, Henry C., Haverhill, Mass. Apparatus for making felted boot-bodies.	864,916	Sept. 3	243	65	130	76
Richardson, Henry C., Haverhill, Mass. Composite boot and shoe.	868,484	Oct. 15	1991	555	130	1963
Richardson, Henry H. (See Cutler, Clarence B., assignor.)						
Richardson, Jesse J., Tulare, Cal. Hydrocarbon-burner.	844,537	Feb. 19	3390	730	126	2711
Richardson, John D., St. Joseph, Mo., assignor to National Biscuit Company, Jersey City, N. J., and Chicago, Ill. Storage and display receptacle.	844,617	Feb. 19	3776	796	126	2798
Richardson, John F., assignor of one-half to J. C. Wardell, Montreal, Quebec, Canada. Electrical distribution and control in body appliances for medical purposes.	840,863	Jan. 8	2160	477	126	592
Richardson, John L., Bloomsburg, Pa. Mold for concrete walls.	872,750	Dec. 3	908	188	131	1310
Richardson, John S., Nowesta, N. D., assignor to W. Gregory, trustee, Minneapolis, Minn. Bundle-loader.	844,747	Feb. 19	4047	862-3	126	2867
Richardson, Jonathan B., Santa Margarita, Cal. Target-trap.	871,443	Nov. 19	2738	691-2	131	815
Richardson, Joseph W., Cumberland, Md., assignor of one-third to R. E. Weimer, Johnstown, Pa. Automatic governor for air-brake systems.	869,731	Oct. 29	3986	1101	130	2632
Richardson, M. E., et al. (See Norstrom, Nils E., assignor.)						
Richardson, Myron H., Chicago, Ill. Rotary measuring device.	874,994	Dec. 31	5522	1152	131	2175
Richardson, Orlando C., et al. (See Bauer, William, assignor.)						
Richardson, Phineas, Kennebec Lake, Me. Vehicle running-gear.	850,783	Apr. 16	4165	872	127	2723
Richardson, Robert, assignor of one-half to A. B. Estep, Yates Center, Kans. Traction-engine steering-gear.	850,850	Apr. 16	4303	903-4	127	2758
Richardson, Samuel, Tulare, Cal. Bridge and bridge guard or railing.	845,897	Mar. 5	358	72	127	93
Richardson, Solon O., Jr., Toledo, Ohio. Apparatus for fire-polishing glass articles.	844,472	Feb. 19	3227	696-7	126	2672
Richardson, Solon O., Jr., Toledo, Ohio. Glass-furnace.	849,021	Apr. 2	803	165-6	127	1792
Richardson, Warren H. (See Bauer, William, assignor.)						
Richardson, Willard C. (See Ellers and Richardson.)						
Richardson, William, et al. (See Nims, Francis W., assignor.)						
Richardson, William A., Edwardsville, Ill., assignor to Chameleón Signal & Manufacturing Company, Pierre, S. D., and Chicago, Ill. Signal. (Reissue.)	12,684	Aug. 27	4168	1157	129	3473
Richardson, William C., Philadelphia, Pa. Apparatus for making coffee.	844,538	Feb. 19	3391	731	126	2711
Richardson, William L., Salt Lake City, Utah. Trace-holder.	867,603	Oct. 8	582	165	130	1511
Richelderfer, Henry, Wasco, Oreg. Weeder and stalk-cutter.	874,867	Dec. 24	5214	1099	131	2107
Richert, Christina W., Buffalo, N. Y. Neckband-holder.	845,979	Mar. 5	524	108	127	136
Riches, Charles H., et al. (See Martin, Fred E., assignor.)						
Richey, Frank W., Chicago, Ill., assignor to General Electric Company. Rail-bond.	867,415	Oct. 1	281	83	130	1401
Richey, Frank W., Schenectady, N. Y., assignor to General Electric Company. Electrical conductor.	867,416	Oct. 1	283	83	130	1401
Richey, Harry E., Perrysville, Pa. Telephone receiver-holder.	853,118	May 7	1502	313	128	379
Richie, Browne and Donald. (See Browne, Richard B., assignor.)						
Richissin, Howard, Akron, Ohio. Envelop-sealer.	870,252	Nov. 5	597	160	131	196
Richley, John W., York, Pa. Automobile.	854,530	May 21	4329	895-6	128	1176
Richmond Cedar Works. (See Reams, Herman S., assignor.)						
Richmond, Dora M., administratrix. (See Richmond, Edward J.)						
Richmond, Edward J., deceased; D. M. Richmond, administratrix, assignor of two-thirds to J. A. Hitchens and B. Ballenger, Joplin, Mo. Check-row attachment for corn-planters.	865,529	Sept. 10	1212	345-6	130	399

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Richmond, George G., Norwalk, Conn. Pattern-maker's tool.....	853,321	May 14	1948	402	128	533
Richmond, Harold S., Brooklyn, N. Y. Ventilating apparatus.....	850,784	Apr. 16	4166	872	127	2723
Richmond, Henry E., Westwood, N. J. Stereoscope.....	857,539	June 18	4071	865	128	2797
Richmond, Henry T., Malvern, Iowa. Net-making machine.....	870,644	Nov. 12	1225	332-3	131	434
Richmond, John C. (See Pare and Richmond.).....						
Richmond, Louis E., assignor of two-thirds to H. J. Hunger and G. Scheidegger, Cleveland, Ohio. Movement-cure device.....	855,342	May 28	5961	1244	128	1619
Richmond, Norman S., Oshkosh, Wis. Mining signal system.....	850,100	Apr. 9	2847	596	127	2345
Richmond, Walter, Memphis, Tenn. Electric heating fabric.....	869,460	Oct. 29	3550	973	130	2503
Richmond, William H., Mount Pleasant, Mich. Folding clothes-reel.....	848,049	Mar. 26	4733	1032	127	1283
Richolson, Abraham L., New York, N. Y. Life-preserving steamer-chair.....	841,343	Jan. 15	3133	676	126	886
Richter, Armand, Garches, France. Pneumatic cleaner.....	858,911	July 2	939	245	129	323
Richter, Edward, assignor to G. H. Oliver, New York, N. Y., M. E. Bull, Garwood, and C. S. Amerman, Washington, N. J. Blindstitching, overseaming, and serging attachment for sewing-machines.....	850,851	Apr. 16	4305	904	127	2759
Richter, Emil, Zabrze, Germany. Apparatus for forcing fluids.....	842,012	Jan. 22	4456	958	126	125
Richter, Emil, Zabrze, Germany. Apparatus for aspirating, treating, and forcing liquids.....	846,759	Mar. 12	2093	459	127	562
Richter, Ernst, Cincinnati, Ohio. Variable-speed-transmitting device.....	847,695	Mar. 19	3984	871	127	1066
Richter, Ernst, assignor to G. A. Gray Company, Cincinnati, Ohio. Selective speed device.....	869,985	Nov. 5	166	44	131	56
Richter, Eugene H., Chicago, Ill. Game apparatus.....	846,309	Mar. 12	1603	356	127	457
Richter, Franz A., Dallas, Tex. Convertible table.....	850,056	Apr. 9	2763	580-1	127	2323
Richter, Gustav F., New York, N. Y. Separable pivot-joint.....	864,558	Aug. 27	3849	1066-7	129	3377
Richter, Gustave E. H., Chattanooga, Tenn. Display-cover.....	865,208	Sept. 3	676	193	130	205
Richter, Hans, assignor to Firm of Vereinigte Maschinenfabrik Augsburg und Maschinenbaugesellschaft Nürnberg, A. G., Nuremberg, Germany. Cylinder for gas-engines.....	872,306	Nov. 26	4539	1075	131	1128
Richter, Jacob, Milwaukee, Wis. Revolving tray.....	846,948	Mar. 12	2481	547	127	660
Richter, Josef, Diespeck-on-the-Aisch, Germany. Apparatus for pulling up rods, piles, pickets, and the like from the ground.....	848,203	Mar. 26	4980	1089	127	1345
Richter, Maurice, Williamstown, Va. Utilizing hillsides and mountains.....	867,157	Sept. 24	3694	1045	130	1253
Richter, Otto F., assignor of one-half to J. T. and F. T. Glazier, Indianapolis, Ind. Automatic car-coupling.....	843,551	Feb. 5	1441	304	126	2152
Richter, Rudolf, Charlottenburg, assignor to Siemens-Schuckert-Werke, G. M. B. H., Berlin, Germany. Alternating-current machine with commutators and with compensating windings.....	846,427	Mar. 5	1427	316	127	360
Richter, Wolfgang D., Philadelphia, Pa. Frame for long machines.....	873,088	Dec. 10	1651	344	131	1457
Rickard, Henry J., assignor of one-half to P. Wylie, Frugality, Pa. Rail-joint.....	866,220	Sept. 17	2275	635	130	772
Rickard, Rebecca, New York, N. Y. Snow and ice melter.....	840,517	Jan. 8	1475	326	126	422
Rickard, Simeon H., Allegheny, Pa. Machine for molding building-blocks.....	843,176	Feb. 5	686	143-4	126	1957
Rickards, Richard T., Philadelphia, Pa. Emergency oil-cup.....	864,991	Sept. 3	362	97	130	114
Ricke, George H., assignor to Miller Bung Bush Company, Cincinnati, Ohio. Bung-bushing.....	871,444	Nov. 19	2743	692	131	815
Ricker, Adolph J., assignor to Stowell Manufacturing and Foundry Company, South Milwaukee, Wis. Door-hanger.....	856,299	June 11	1673	347	128	2151
Ricker, Benjamin J., Grinnell, Iowa. Apparel-glove.....	873,608	Dec. 10	2672	563	131	1629
Ricker, Charles. (See Draper, Stephen H., assignor.).....						
Ricker, William H., Cambridge, Mass. Combustion apparatus.....	865,209	Sept. 3	677	193	130	206
Ricketts, David C. (See Albin and Ricketts.).....						
Ricketts, James R., assignor to H. G. Thomas, Fort Worth, Tex. Acetylene-gas machine.....	852,620	May 7	492	91	128	129
Ricketts, Thomas, Steele, Idaho. Weed-cutter.....	857,833	June 25	4657	988	128	2975
Ricketts, William C., Dayton, Ohio. Regulator for automatically controlling the flow and temperature of liquids.....	841,817	Jan. 22	4074	877	126	1161
Ricketts, William C., Dayton, Ohio. Gas-valve for hot-water boilers.....	866,886	Sept. 24	3268	920	130	1119
Rickles, Jasper N. (See Parker, Thomas, assignor.).....						
Rickles, Jasper N., Altoona, Ala. Mining-drill.....	845,898	Mar. 5	359	72	127	932
Rickman, Mary E., Waverly, assignor of one-half to E. Sponseller, Emporia, Kans. Fruit seeder and strainer.....	841,717	Jan. 22	3856	838	126	1103
Ricks, Ernest O., Birmingham, Ala. Concrete-block mold.....	863,757	Aug. 20	2591	717	129	2956
Ricksecker, Alva C. (See Smith, Frank L., assignor.).....						
Ridd, Ambrose, Newport, Ky. Making mottled rolls.....	845,434	Feb. 26	5391	1145	126	3246
Ridd, Ambrose, Newport, Ky. Apparatus for planishing metal sheets.....	845,718	Feb. 26	5953	1257	126	3356
Ridd, Ambrose, Newport, Ky. Preparing rolls for rolling.....	848,323	Mar. 26	5240	1143-4	127	1410
Ridd, Ambrose, Newport, Ky. Manufacturing sheet metal.....	870,049	Nov. 5	273	75	131	93
Riddell, John, Schenectady, N. Y., assignor to General Electric Company. Speed-changing device.....	844,748	Feb. 19	4049	863	126	2858
Riddell, John, Schenectady, N. Y., assignor to General Electric Company. Double-acting tool for planers and shapers.....	859,336	July 9	1592	422	129	569
Riddell, John, Schenectady, N. Y., assignor to General Electric Company. Tool for cutting turbine-buckets.....	873,089	Dec. 10	1653	344	131	1457
Riddell, John, Schenectady, N. Y., assignor to General Electric Company. Boring and turning mill.....	873,787	Dec. 17	3018	640-1	131	1721
Riddell, John, and G. B. Painter, Schenectady, N. Y., assignors to General Electric Company. Electric rock-drill.....	852,680	May 7	627	120-1	128	163
Riddell, John S. (See Ross and Riddell.).....						
Ridderhof, Cornel, Grand Rapids, Mich. Drilling-machine.....	842,977	Feb. 5	265	58	126	1856
Ridderhof, Cornel, Grand Rapids, Mich., assignor to Multi-Phonograph Company, Winona, Minn. Phonograph.....	848,687	Apr. 2	132	28-9	127	1620
Rideout, Ernest V., San Francisco, Cal. Gang-plank.....	869,654	Oct. 29	3865	1058	130	2597
Rideout, Eugene P., East Oakland, assignor of one-half to F. W. Lake, Oakland, Cal. Reversible car-seat.....	870,385	Nov. 5	829	219	131	272
Rideout, George E., Boston, Mass. Alarm device.....	857,906	June 25	4800	1018	128	3009
Rider, Frank A., Pittsburg, Pa. Refrigerating apparatus.....	855,983	June 4	1049	217-18	128	1959
Rider, Frank A., Pittsburg, Pa. Ammonia-compressor.....	858,757	July 2	681	179-80	129	236
Rider, Harry L., Oil City, Pa. Electrical signaling system for railways.....	870,466	Nov. 5	938	256	131	306
Ridgely, Charles T., assignor to Standard Trimmer Company, Springfield, Ohio. Cutting-tool.....	842,013	Jan. 22	4458	958	126	1252
Ridgely, Charles T., assignor to Standard Trimmer Company, Springfield, Ohio. Trimmer and roller.....	842,015	Jan. 22	4464	959	126	1254
Ridgely, Charles T., assignor to Standard Trimmer Company, Springfield, Ohio. Folding table.....	846,143	Mar. 5	871	182-3	127	222
Ridgely, Charles T., assignor to Standard Trimmer Company, Springfield, Ohio. Paper-hanger's smoothing-roller.....	850,317	Apr. 16	3266	681	127	2497
Ridgely, Charles T., assignor to Standard Trimmer Company, Springfield, Ohio. Trimmer-board.....	869,020	Oct. 22	2852	787	130	2257
Ridgely, Charles T., and J. Pfeifer, assignors to Standard Trimmer Company, Springfield, Ohio. Cutting-tool.....	842,014	Jan. 22	4461	959	126	1253

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Ridgely Trimmer Company. (See Breckenridge, John G., assignor.)						
Ridgely Trimmer Company. (See Hess, Bonnelyn P., assignor.) (Reissue.)						
Ridgely Trimmer Company. (See Normand, Joseph M., assignor.)						
Ridgeway, Ephraim E. E., South Omaha, Nebr. Apparatus for hoisting and handling voting-machines.	851,140	Apr. 23	4832	1019	127	2929
Ridgway, Arthur O., Denver, Colo. Metal railway-tie.	843,492	Feb. 5	1303	274	126	2119
Ridgway, James E. and W. R., Atchison, Kans. Hand-truck for carrying baggage, &c.	843,034	Feb. 5	391	85	126	1891
Ridgway, John J., Rosebank, N. Y. Idler for belt conveyers.	842,813	Jan. 29	6180	1306	126	1719
Ridgway, John L., Chevy Chase, Md. Door-check.	847,113	Mar. 12	2786	615	127	733
Ridgway, William R. (See Ridgway, James E. and W. R.)						
Ridings, James E., Salina, Kans. Automatic magazine-hammer.	872,150	Nov. 26	4224	1008	131	1076
Ridings, William H. (See Rogers and Ridings.)						
Ridley, Clarence A., New Orleans, La. Street-railway switch.	850,318	Apr. 16	3268	681	127	2497
Ridley, James M., Camden, N. J. Angle-finder.	842,584	Jan. 29	5678	1201	126	1597
Ridlon, Fred W., Springfield, Mass. Boiler-furnace grate.	851,318	Apr. 23	5234	1097	127	3031
Ridlon, Fred W., Springfield, Mass. Rocking-bar furnace-grate.	862,585	Aug. 6	823	219	129	2339
Riebe, August, Berlin, Germany. Ball-bearing.	840,805	Jan. 8	2033	449	126	562
Riechmann, William. (See Zierlein, Richard W., assignor.)						
Rieck, Franz, Böhmekirch, Germany. Calculating-stand.	861,541	July 30	5013	1376	129	1777
Riecke, John C. A., assignor to H., P., and M. Hamburger, Baltimore, Md. Bottle-filling apparatus.	857,674	June 25	4327	915	128	2891
Riedel, Edward C., Ander, Tex. Ironing-board.	846,696	Mar. 12	1968	433	127	530
Riedemann, Johann, Glinde, near Uetersen, Germany. Device for the barriers of horse-stables.	866,811	Sept. 24	3167	890	130	1089
Riedinger, Alfred F. (See Riedinger, Edward, assignor.)						
Riedinger, Edward, assignor to himself and A. F. Riedinger, New York, N. Y. Extensible wagon.	850,785	Apr. 16	4167	873	127	2724
Riedy, Joseph F., Hamburg, Iowa. Display-stand.	846,347	Mar. 5	1248	274	127	314
Rieffel, August, and E. Ittershagen, Philadelphia, Pa.; said Ittershagen assignor to said Rieffel. Knitting-machine.	850,786	Apr. 16	4169	873-4	127	2724
Riegel, Maximilian, London, England. Manufacture of milk-powder.	860,327	July 16	3090		129	1086
Riegger, Constantin, New York, N. Y. Pipe-collar.	868,011	Oct. 15	1258	348	130	1741
Riehl, George H. (See Barth, Riehl, and Honnegger.)						
Riehl, Henry E., New York, N. Y. Amusement apparatus.	872,253	Nov. 26	4435	1053-4	131	1110
Riehle Brothers Testing Machine Company. (See Kenerson, William H., assignor.)						
Riehle, Frederick A. (See Tretch, William J., assignor.)						
Rielly, James E., Newark, N. J. Spring-wheel.	854,238	May 21	3811	787	128	1045
Riely, Briscoe, New York, N. Y. Stocking-protector.	844,749	Feb. 19	4051	864	126	2869
Rieman, Charles A. (See Heim, Adam, assignor.)						
Riemer, Frank, assignor of one-half to E. H. Vogt, Denver, Colo. Car-ventilator.	853,935	May 14	3188	653	128	848
Rienacker, Pablo. (See Noguera, Enrique, assignor.)						
Riera, Joaquin. (See Arnavat, Mendez, and Fernandez, assignors.)						
Ries, Elias E., New York, N. Y. Hand-strap for cars and other conveyances.	866,812	Sept. 24	3167	890	130	1089
Ries, Elias E., New York, N. Y. Telephone-transmitter.	871,737	Nov. 19	3290	814	131	907
Ries, F. W. (See Clemons and Pelkey, assignors.)						
Ries, Frank, assignor of one-half to L. Buckingham and J. A. Bain, Tiffin, Ohio. Duplicating apparatus.	873,788	Dec. 17	3021	642	131	1721
Rieschick, Herman F., Falls City, Nebr. Lock-nut.	844,750	Feb. 19	4052	864	126	2869
Rieseck, Peter, Allegheny, Pa. Dies.	848,688	Apr. 2	138	29	127	1623
Rietzel, Adolph F., assignor to Thomson Electric Welding Company, Lynn, Mass. Making a joint in thin flat material.	870,847	Nov. 12	1552	426-7	131	535
Rietzke, John W., East Liverpool, Ohio. Boiler-cleaner.	865,270	Sept. 3	769	220	130	233
Rife, Charles E., Kansas City, Kans. Gate.	869,859	Oct. 29	4166	1151	130	2687
Rife, Charles E., Kansas City, Kans., assignor of one-half to A. J. Murphy, Randolph, Mo. Gate.	857,834	June 25	4658	988-9	128	2975
Rife, Isaac N., Coatesville, Pa. Nut-lock.	846,949	Mar. 12	2482	547	127	660
Rife, Uriah L., Sound Beach, Conn. Sponge-holder.	867,080	Sept. 24	3578	1015	130	1214
Riffo, Marion B., Philadelphia, Pa. Pneumatic carrier.	813,769	Feb. 12	1842	392	126	2290
Riffo, Marion B., Philadelphia, Pa. Pneumatic-service carrier.	853,936	May 14	3190	654	128	848
Riffo, Marion B., Philadelphia, Pa. Pneumatic carrier.	853,937	May 14	3191	654	128	848
Rifled Pipe Company. (See Isaacs and Speed, assignors.)						
Rigby, Clark F., New Martinsville, W. Va. Hydraulic packing.	854,239	May 21	3812	787	128	1046
Rigby, Clark F., New Martinsville, W. Va. Clamp for well-drilling cables.	873,090	Dec. 10	1656	344-5	131	1458
Rigby, Holden, Paterson, N. J. Compass-board.	860,765	July 23	3776	1036	129	1342
Rigby, James, assignor of one-half to W. Holt, Paterson, N. J. Loom.	849,163	Apr. 2	1116	225	127	1874
Rigby, John J., New York, N. Y., assignor to E. W. Bliss Company. Double-action press.	859,977	July 16	2551	694	129	908
Rigdon, Charles. (See Wilson and Rigdon.)						
Rigg, James C., assignor of one-half to J. H. Collier, Hooktown, Ky. Lifting-jack.	866,221	Sept. 17	2276	635	130	773
Rigg, Lauren D., Leon, Kans. Box or crate machine.	871,957	Nov. 26	3792	921	131	1012
Riggin, Henry H., Altoona, Pa. Blow-off valve.	866,684	Sept. 24	2963	839	130	1017
Riggs, Alfred L., Ebensburg, Pa. Steam-trap.	844,958	Feb. 19	4432	947	126	2966
Riggs, Arthur S. (See Velna, Gaston de, assignor.)						
Riggs, Erland W., assignor of one-half to M. S. Largey, Butte, Mont. Compound centrifugal pump.	862,017	July 30	5717	1586-7	129	1989
Riggs, James E., et al. (See Seligsohn, Morris, assignor.)						
Righter, James B., River Falls, Wis. Artificial-tooth crown and bridgework.	873,789	Dec. 17	3023	642	131	1722
Rightman, Marcus B., assignor of one-half to A. B. Seelenfreund, Chicago, Ill. Coin-counting machine.	841,446	Jan. 15	3328	719	126	936
Riker, Andrew L., Short Hills, assignor, by mesne assignments, to Electric Vehicle Company, Jersey City, N. J., and Hartford, Conn. Steering mechanism for vehicles.	840,660	Jan. 8	1751	385-6	126	492
Riker, Andrew L., Bridgeport, Conn., assignor to Locomobile Company of America, New York, N. Y. Circuit making and breaking device.	867,211	Sept. 24	3785	1069	130	1280
Riker, Andrew L., Bridgeport, Conn., assignor to Stanley Motor Carriage Company. Flash-boiler.	868,012	Oct. 15	1259	348	130	1741
Riker, George W., Russell, Iowa. Wire stretcher and splicer.	863,647	Aug. 20	2440	670	129	2907
Rile, Frank H., Buffalo, N. Y. Sump.	853,598	May 14	2466	513	128	666
Riley, David, Jr., Wilmington, Del., and D. Hamilton, Chester, Pa. Attachment for doubling and lapping machines.	862,997	Aug. 13	1447	393	129	2567
Riley, Edward, Spokane, Wash. Sheet-metal-working machine.	867,417	Oct. 1	284	83	130	1402
Riley, Edwin, Livermore Falls, Me., assignor of one-half to International Paper Company, New York, N. Y. Core for rolls.	848,855	Apr. 2	521	104	127	1721
Riley, Hiram. (See Stransky and Riley.)						
Riley, James, Patricroft, England. Stenter-clip.	860,993	July 23	4148	1136	129	1464
Riley, James L., Xenia, Ill. Combined box-opener, nail-puller, and hammer.	850,968	Apr. 23	4530	948	127	2854

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Riley, John C. (See Woolley, Leonidas G. assignor.)						
Riley, Watkin W. (See Slack and Riley.)						
Riling, Edward T., <i>et al.</i> (See Harvel, Samuel T., assignor.)						
Riling, Joseph, and C. W. Sagee, assignors to Hero Fruit Jar Company, Philadelphia, Pa. Conveying apparatus	847,509	Mar. 19	3580	787	127	963
Riling, Joseph, and C. W. Sagee, assignors to Hero Fruit Jar Company, Philadelphia, Pa. Glass-forming machine	847,696	Mar. 19	3987	871	127	1066
Rimailho, Emile. (See Schneider and Rimailho.)						
Rimailho, Emile, Neuilly-sur-Seine, assignor to H. Hamelle, Paris, France. Shock-absorbing apparatus for vehicles	861,769	July 30	5356	1477	129	1878
Rimke, Fred. (See Rimke, William, assignor.)						
Rimke, William, Jefferson City, Mo., assignor of one-half to F. Rimke, Chaska, Minn. Combined trunk and dresser	852,243	Apr. 30	7112	1488	127	3536
Rimmelin, Richard, assignor of five-eighths to J. Twist, W. W. Marshall, and W. Terry, St. Louis, Mo. Minnow-bucket	859,617	July 9	2006	541	129	704
Rinald, Clement D., Philadelphia, Pa. Safety-chain for doors	864,559	Aug. 27	3851	1067	129	3377
Rinckenberger, Alfred, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Stable dry hydrosulfite mixture	869,655	Oct. 29	3866		130	2597
Rine, William J., Silver Hill, W. Va. Churn	854,240	May 21	3813	787	128	1046
Rinehart, Jay. (See Gilleland, Edgar B., assignor.)						
Ring, Lewis J., Stanton, Iowa. Spring-motor	851,836	Apr. 30	6289	1311-12	127	3328
Ringbom, Ossian, Borgå, assignor to A. G. Adlercreutz, Skuru, Finland, Russia. Hot-air engine	856,102	June 4	1238	261	128	2005
Ringer, John W., Castleton, Ind. Automatic electric storing device	870,688	Nov. 12	1291	352-3	131	454
Ringl, Felix, Arnold, Pa. Puzzle	4,841,89	Feb. 12	2625	562	126	2428
Ringo, Benjamin O., Perry, Okla. Ter. Mechanical movement	867,418	Oct. 1	285	84	130	1402
Rings, Julius A., New York, N. Y. Curtain-pole ring	869,656	Oct. 29	3867	1059	130	2598
Rinngström, August V., Stockholm, Sweden. Material for deadening sounds	841,897	Jan. 22	4242	913	126	1201
Ringwood, William H., East Pittsburgh, Pa. Electrical cut-out switch	864,261	Aug. 27	3363	935-6	129	3222
Rink, Ellsworth C., Philadelphia, Pa. Napkin supporter and holder	851,107	Apr. 23	4784	1006	127	2918
Rink, Joseph C., assignor to Eureka Manufacturing Co., Erie, Pa. Mop-wringer	872,974	Dec. 3	1369	289	131	1382
Rintoul, William. (See Nathan, Thomson, Rintoul, and Scott.)						
Riordan, Ellen O. (See Humason, Granville A., assignor.)						
Ripberger, Jacob, Bellevue, assignor of one-half to W. R. Thiem, Newport, Ky. Rotary motor	855,590	June 4	281	57	128	1767
Ripczinske, Joseph, Wausau, Wis. Cow-milker	859,254	July 9	1452	387	129	523
Ripley, William B. (See Williamson and Ripley.)						
Ripley, William R., Mattoon, Ill. Game apparatus	866,222	Sept. 17	2277	636	130	773
Ripple, Josiah M., Martinsburg, W. Va. Dumping-wagon	870,132	Nov. 5	399	111-12	131	132
Ripsom, William L., Denver, Colo. Rotary engine	860,060	July 16	2699	734-5	129	957
Ripson, John D., Pepperell, Mass. Fireproof structure	840,011	Jan. 1	430	93	126	117
Risberg, Johannes V. M., Södertelje, assignor to Aktiebolaget Baltic-Separator, Stockholm, Sweden. Manufacture of butter in centrifugal apparatus	847,697	Mar. 19	3989	871	127	1066
Risbridger, John, assignor of fifty-five one-hundredths to Eureka Tempered Copper Works, North East, Pa. Commutator assembling and finishing device	855,134	May 28	5585	1162	128	1522
Rischmuller, George, San Francisco, Cal. Turbine	842,423	Jan. 29	5350	1133	126	1517
Rischmuller, George, San Francisco, Cal. Door closer and check	850,545	Apr. 16	3707	775	127	2610
Rishel, George R. (See Wykoff and Rishel.)						
Rishel, John A., Homestead, Pa. Track-scale	852,980	May 7	1254	258-9	128	319
Risinger, Willie E., Rochelle, Ill., assignor of one-half to E. H. McKenzie, Minneapolis, Minn. Type-writer	845,264	Feb. 26	5056	1076	126	3165
Riskey, Andrew J., Troy, N. Y. Oil-gas generator	870,798	Nov. 12	1477	398	131	513
Risley, Charles B., Princeton, Ind. Boiler-setting	858,214	June 25	5440	1161	128	3173
Risley, Dalton, Omaha, Nebr., assignor, by mesne assignments, to Cleveland Metallic Packing Company, Cleveland, Ohio. Piston-rod gland	845,122	Feb. 26	4784	1014	126	3098
Risley, George B., Rockhill Conn. Game-counter	858,027	June 25	5074	1074	128	3079
Risley, Seneca, and F. E. Ruger, Binghamton, N. Y. Chair having adjustable back	865,431	Sept. 10	1042	297	130	345
Risley, Willie E. (See Abbey and Risley.)						
Risser, Arthur I., and O. F. F. T. Reinhardt, Chicago, Ill., assignors to R. H. Carnahan, Indianapolis, Ind. Lock for loose-leaf binders	840,963	Jan. 8	2355	517	126	642
Riswold, Ordin O., Joliet, Ill. Lawn-mower	863,557	Aug. 13	2288	625	129	2827
Ritchie, David A., Cambridge, Mass. Apparatus for forming perforated strips or sheets	849,267	Apr. 2	1302	264	127	1920
Ritchie, Thomas E., Beverly, Mass. Lathing	849,856	Apr. 9	2433	497	127	2243
Ritchie, William R. and T. N. Kellett, Los Angeles, Cal. Chain pipe-tongs	862,512	Aug. 6	689	186	129	2300
Ritter, Abraham, Boston, Mass. Universal joint	847,439	Mar. 19	4561	1002	127	1201
Ritter, Adam, Cincinnati, Ohio. Door	856,369	June 11	1849	380	128	2198
Ritter, Albert, Milwaukee, Wis. Paste-receptacle	847,370	Mar. 19	3447	756-7	127	927
Ritter, Frank, Rochester, N. Y. Dental chair	853,421	May 14	2116	441-2	128	575
Ritter, Franklin J., Chapman, Nebr. Track-motor	864,032	Aug. 20	2998	829	129	3080
Ritter, Gilbert P., Chicago, Ill. Car-coupling	872,454	Dec. 3	286	58	131	1213
Ritter, Henry, assignor to Lunkenheimer Co., Cincinnati, Ohio. Steam-trap	854,911	May 28	5121	1065-6	128	1408
Ritter, Lillian A., Allegheny, Pa. Washboiler	873,172	Dec. 10	1813	380	131	1483
Ritter, Nannie, administratrix. (See Kirker, James M.)						
Ritter, Otto L. R., St. Louis, Mo. Keg-sprinkling machine	864,560	Aug. 27	3852	1068	129	3377
Ritter, Theodor, West Hoboken, N. J. Combined fan and eye-protector	855,202	May 28	5714	1189	128	1556
Ritter, William F., Cincinnati, Ohio. Rosette for electric wiring	862,660	Aug. 6	934	250	129	2373
Rittersbach, George W., assignor of one-half to G. S. Elliott and M. Schwartz, Philadelphia, Pa. Railway-tie and rail-fastening	869,732	Oct. 29	3987	1102	130	2633
Rittman, Christian A., assignor of one-half to L. L. Curtis and J. Whitworth, Sandusky, Ohio. Vehicle-wheel	856,367	June 11	1846	379	128	2196
Ritts, Michael R., McClure, S. D. Horse-detacher	874,243	Dec. 17	3987	841	131	1872
Ritty, John, Dayton, Ohio. Machine for folding the ends of wrapper-labels against the ends of cans	866,223	Sept. 17	2278	636-7	130	773
Ritz, Arthur G., Oklahoma, Okla. Ter. Hitching-strap clamp	849,573	Apr. 9	1905	390	127	2110
Ritz, August N., Milwaukee, Wis. Vent-nozzle	863,648	Aug. 20	2441	671	129	2907
Ritz, Robert R., Boston, Mass. Driving mechanism	847,440	Mar. 19	3305	726	127	890
Ritzman, Oscar A., Superior, Wis. Kicking-sleigh	841,447	Jan. 15	3330	719	126	936
Rivara, James, Natchez, Miss. Flow	857,487	June 18	3967	842-3	128	2769
Rivard, Archie, Kankakee, Ill. Can-holder	858,672	July 2	546	141	129	189
Rivers, Edward G., Richmond, England. Electrical heating element or resistance	851,440	Apr. 23	5470	1145	127	3090
Rivers, Edward G., Richmond, assignor of one-half to Electric and Ordnance Accessories Company, Limited, Birmingham, England. Preparing carbon for electrical resistances	841,572	Jan. 15	3553		126	994
Rives, Edwin A., assignor of one-fourth to L. L. Glasscock, Greensboro, N. C. Gage-cock	859,782	July 9	2257	613	129	785

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Rivett, Edward, New York, N. Y. Buckle.	847,971	Mar. 19	3430	757	127	928
Rivett, Fred, Heaton Chapel, and S. Oldham, Heaton Norris, England. Burner for gas- sing yarns and other fibers.	864,917	Sept. 3	244	65	130	76
Rivett, Fred, Heaton Chapel, and S. Oldham, Heaton Norris, England. Machine for gas- sing yarn or thread.	866,734	Sept. 24	3044	858	130	1051
Rivett, Fred, Heaton Chapel, and S. Oldham, Heaton Norris, England. Split drum for winding-frames.	868,013	Oct. 15	1260	349	130	1741
Rix, Edward A., San Francisco, Cal. Reciprocating engine.	862,107	July 30	5879	1629	129	2040
Rizer, Fred W., <i>et al.</i> (See Cloud, Arthur D., assignor.)						
Rizer, Fred W., <i>et al.</i> (See Latimer, James B., assignor.)						
Roach, Finis E., Chicago, Ill. Removable artificial denture.	866,304	Sept. 17	2404	671	130	814
Roach, Finis E., Chicago, Ill. Fusible porcelain cement and strengthening-backing for artificial dentures.	866,305	Sept. 17	2406	671	130	814
Roach, George, Auburn, N. Y. Wrench.	849,813	Apr. 9	2334	479	127	2218
Roach, John M., Los Angeles, Cal. Fire-escape.	863,222	Aug. 13	1813	488	129	2681
Roach, John R., Cale, assignor of one-half to J. M. Bale, Bedford, Ind. Fence-post or tele- phone-pole.	856,725	June 11	2533	520	128	2370
Roadifer, Erastus. (See Smith and Roadifer.)						
Roake, John S., New York, N. Y. Ventilating apparatus.	841,049	Jan. 8	2521	551	126	685
Roan, John M., Columbus, Ohio. Gathering-locomotive.	851,837	Apr. 30	6291	1312-13	127	3329
Roark, Lafayette L., Denton, Tex. Thill or tongue support.	840,012	Jan. 1	430	93	126	117
Roark, William. (See Norman, John R., assignor.)						
Roath, William S., Canton, Ohio. Trolley-catcher.	857,112	June 18	3258	685	128	2591
Robb, David W. (See Mumford and Robb.)						
Robbins, Alexander, Allegheny, Pa. Keyhole-guard for locks.	850,446	Apr. 16	3518	736	127	2561
Robbins, Alfred R., Oceanpark, Cal. Hose-coupling.	862,349	Aug. 6	392	108	129	2206
Robbins, David A. (See Johnson and Robbins.)						
Robbins, Edward J., Boston, Mass. Pipe-coupling.	848,266	Mar. 26	5112	1116	127	1379
Robbins, Edward J., Boston, Mass. Pipe-wrench.	850,254	Apr. 16	3153	659	127	2465
Robbins, George, Columbus, Ohio. Handle for cars.	870,386	Nov. 5	830	219	131	273
Robbins, George H., Racine, Wis. Cabbage-harvester.	845,195	Feb. 26	4924	1044	126	3132
Robbins, Ira O., assignor of one-half to E. Greenley, Millville, Pa. Elevator-bucket.	865,611	Sept. 10	1434	381	130	440
Robbins, James M., Rochelle, Tex. Wheelwright-machine.	863,941	Aug. 20	2870	790	129	3043
Robbins, Lafayette. (See Berry, Chester, assignor.)						
Robbins, Leroy K., St. Louis, Mo. Well-boring tool.	846,950	Mar. 12	2483	547	127	661
Robbins and Myers Company. (See Thompson, Ralph P., assignor.)						
Robbins, Myron A., Passaic, N. J. Dental impression-pliers.	869,520	Oct. 29	3642	998	130	2528
Robbins, Percy A., Englewood, N. J. Conveying-machine.	870,050	Nov. 5	275	75	131	93
Robbins, Wesley E., Mount Oliver borough, Pa. Game apparatus.	859,692	July 9	2127	574	129	741
Robbins, William. (See Staub, Jacob, assignor.)						
Robbins, Willis C. (See Lintner, Robbins, and Weis.)						
Robe, Arthur, Corona, Cal. Heating device for bakers' ovens.	871,445	Nov. 19	2744	692	131	815
Robert Gair Company. (See Beattie, Huether, and Martin, assignors.)						
Robert Holmes & Brothers. (See Holmes, Grant, assignor.)						
Robert, Jean L., Lonsdale, R. I. Implement for dismantling builders' stagings.	841,050	Jan. 8	2524	551	126	685
Roberti, Dario, Newark, N. J. Spring-fan.	866,388	Sept. 17	2531	705	130	853
Roberts, Arthur, Damar, Kans. End-gate.	864,692	Aug. 27	4066	1129	129	3442
Roberts, Charles C., Ansonia, Conn. Drill socket or chuck.	864,992	Sept. 3	364	97	130	115
Roberts, Charles E., <i>et al.</i> (See Keller, Frederick, assignor.)						
Roberts, Charles E. and O. W., Chicago, Ill. Machine for cutting butter or the like mate- rial.	841,818	Jan. 22	4077	877-8	126	1162
Roberts, Charles H. (See McIntosh, John T., assignor.)						
Roberts, Charles J., Paoli, Pa. Brake for automobiles.	862,414	Aug. 6	512	137	129	2246
Roberts, D. H. (See Roberts, William H., assignor.)						
Roberts, Daniel A., Elmira, N. Y. Manifold copy book or pad.	874,439	Dec. 24	4377	921	131	1908
Roberts, David, Grantham, England. Internal-combustion engine.	853,422	May 14	2120	442	128	576
Roberts, David, Grantham, England. Water-tube boiler and steam-generator.	868,485	Oct. 15	1992	555-6	130	1963
Roberts, Edmund D., Jr., Detroit, Mich. Making a design painting.	855,812	June 4	716	148	128	1876
Roberts, Edmund W., Clyde, Ohio. Automobile.	868,014	Oct. 15	1260	349-50	130	1742
Roberts, Elijah J., assignor of one-half to F. W. Counter, Seattle, Wash. Toy.	860,939	July 23	4039	1106	129	1428
Roberts, Ferdinand C., Detroit, Mich., and H. J. Titus, Jackson, Tenn. Live-animal race.	855,670	June 4	426	89	128	1804
Roberts, Frank C., Philadelphia, Pa. Regenerative hot-blast stove.	856,300	June 11	1675	347-8	128	2152
Roberts, Frank C., Philadelphia, Pa. Condenser.	857,675	June 25	4329	915	128	2892
Roberts, Frederick C., Paterson, assignor to said Roberts and B. D. McKenzie, Ruther- ford, N. J. Steam-turbine.	849,699	Apr. 9	2125	437	127	2164
Roberts, George W., Ravenna Nebr. Gage.	847,824	Mar. 19	4252	931	127	1126
Roberts, George W., Minersville, Pa. Nut-lock.	850,787	Apr. 16	4173	875	127	2725
Roberts, Gilford B., <i>et al.</i> (See Keyes, William W. W., assignor.)						
Roberts, Grand, Alva, Okla. Ter. Washing-machine.	868,015	Oct. 15	1264	350	130	1742
Roberts, Harry A., assignor of one-half to F. J. Nelson, Hornellsville, N. Y. Cushion- sole.	848,770	Apr. 2	302	62	127	1664
Roberts, Harry L., Keokuk, Iowa. Footboard for locomotives.	859,111	July 2	1222	329	129	412
Roberts, Harry O. and J. O., Gloucester, England. Mechanical figure for projecting balls or the like.	872,371	Dec. 3	114	21	131	1184
Roberts, Harvey H., Lexington, Ky. Portable electric-light cabinet.	853,033	May 7	1364	283-4	128	347
Roberts, Henry P. (See Miller and Roberts.)						
Roberts, Henry P., assignor, by mesne assignments, to F. S. Anable, Boston, Mass. De- vice for moistening and delivering gummed binding-tape.	843,101	Feb. 5	542	112	126	1932
Roberts, Homer J., Evanston, Ill. Electrical-impulse-counting switch.	851,031	Apr. 23	4638	973-4	127	2883
Roberts, Howard S., Philadelphia, Pa. Valve.	856,911	June 11	2865	599	128	2451
Roberts, Irvin J., Philadelphia, Pa. Base-ball-game apparatus.	863,758	Aug. 20	2593	717	129	2957
Roberts, Isaiah L., assignor of one-half to J. T. Morehead, New York, N. Y. Treatment of alloys to alter their composition.	845,819	Mar. 5	171	.....	127	46
Roberts, James B., <i>et al.</i> (See Law, Tomas W., assignor.)						
Roberts, John, and J. E. Bliss, Faust, N. Y. Railway-rail tie.	865,125	Sept. 3	555	155	130	168
Roberts, John, and J. E. Bliss, Faust, N. Y. Tie.	865,945	Sept. 10	1861	522	130	611
Roberts, John D., Oakmont, Pa. Odometer.	845,820	Mar. 5	174	33	127	46
Roberts, John F., assignor of seven-tenths to J. C. Nowell, New Bedford, Mass. Appa- ratus for dyeing yarn-cops.	868,699	Oct. 22	2368	655	130	2109
Roberts, John G., assignor to Western Electric Company, Chicago, Ill. Automatic- exchange selector.	848,398	Mar. 26	5382	1173-4	127	1442
Roberts, John G., assignor to Western Electric Company, Chicago, Ill. Circuit for coin- collectors.	851,838	Apr. 30	6295	1313	127	3329
Roberts, John G., assignor to Western Electric Company, Chicago, Ill. Automatic telephone-exchange.	852,523	May 7	285	53	128	77
Roberts, John J., Loyal, Wis. Stovepipe-drum.	848,689	Apr. 2	138	29	127	1623

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Roberts, John O. (See Roberts, Harry O. and J. O.)						
Roberts, John W., San Angelo, Tex. Axle-setting machine.	852,453	May 7	128	22	128	40
Roberts, Joseph W., Smithville, Mo. Grain-elevator.	873,959	Dec. 17	3359	715-16	131	1778
Roberts, Leonard C., Nunda, assignor of two-thirds to S. G. McTarnaghan and W. H. Jeffs, Fillmore, N. Y. Concrete-mixing machine.	841,273	Jan. 15	2979	648-9	126	845
Roberts, Leonard C., Nunda, assignor of two-thirds to S. G. McTarnaghan and W. H. Jeffs, Fillmore, N. Y. Mixing-machine.	845,435	Feb. 26	5392	1145	126	3246
Roberts, Leonard C., S. G. McTarnaghan, and W. H. Jeffs, Nunda, N. Y. Concrete-mixing machine.	862,848	Aug. 6	1232	332-3	129	2461
Roberts, Lyman R., Detroit, Mich. Bearing for type-bars of type-writers.	860,766	July 23	3777	1036	129	1342
Roberts, Lyman R., Detroit, Mich. Type-writer.	867,674	Oct. 8	679	192	130	1540
Roberts, Lyman R., Detroit, Mich., assignor to Underwood Typewriter Company, New York N. Y. Type-writing machine.	853,266	May 14	1806	376	128	489
Roberts, Mary E., Dawson, N. D. Dish-drainer.	842,703	Jan. 29	5970	1259	126	1609
Roberts, Odin, Dedham, Mass. Internal-combustion engine.	869,021	Oct. 22	2853	787-8	130	2258
Roberts, Otis, Winfield, Kans. Amusement apparatus.	864,033	Aug. 20	3000	829	129	3081
Roberts, Owen W. (See Roberts, Charles E. and O. W.)						
Roberts, Richard W., Chicago, Ill. Clip.	850,185	Apr. 16	3023	633	127	2429
Roberts, Samuel T., Kansas City, Mo. Reinforcer for flexible straps.	858,627	July 2	478	123	129	166
Roberts, Tom H. (See Powis, Arthur H., assignor.)						
Roberts, Walker D. (See Gurley and Roberts.)						
Roberts, Warner, Taloga, Okla. Ter. Combination-square.	868,700	Oct. 22	2368	655	130	2110
Roberts, William H., assignor to D. H. Roberts, Detroit, Mich. Valve.	865,318	Sept. 3	857	246	130	260
Roberts, William N., and H. B. Mathews, Ansonia, Ohio. Lamp or lantern holder.	859,013	July 2	1095	290	129	373
Robertshaw, Frederick W., Pittsburg, Pa. Thermostat.	864,263	Aug. 27	3366	936	129	3223
Robertshaw, Frederick W., Braddock, and F. S. McTighe, Pittsburg, Pa.; said McTighe assignor to said Robertshaw. Valve for tanks.	864,262	Aug. 27	3364	936	129	3222
Robertshaw, Milfred W., New York, N. Y. Automatic hat-fastener.	842,337	Jan. 29	5140	1093	126	1457
Robertson, Charles E., St. Louis, Mo. Apparatus for electrolytic reduction of metals from ores or salts.	861,319	July 30	4651	1271	129	1662
Robertson, Charles W., et al. (See Clements, James A., assignor.)						
Robertson, D. U. O., et al. (See Brodton, Edward R., assignor.)						
Robertson, Eugene. (See Muckey and Robertson.)						
Robertson, George W., Trego, Wis. Safety watch-pocket.	848,924	Apr. 2	646	129	127	1753
Robertson, George W., assignor to J. R. McConnell, S. J. Robertson, Marysville, and J. Kilburn, Fredericton, New Brunswick, Canada. Churn.	862,661	Aug. 6	935	250-1	129	2373
Robertson, Harold H. (See Garrett, William N., assignor.)						
Robertson, Henry M., St. Paul, Minn. Automatic uncoupling-handle for vestibule-curtains.	873,091	Dec. 10	1657	345	131	1458
Robertson, James. (See Lehman, Cook, and Robertson.)						
Robertson, James D. (See Lindner, John C., Jr., assignor.)						
Robertson, James H., Willy, Va. Combined leveling and stadia rod.	868,365	Oct. 15	1811	509	130	1907
Robertson, James H., Arlington, N. J., assignor of one-half to J. C. Klatzl, New York, N. Y. Electrode.	853,521	May 14	2322	483	128	630
Robertson, James M., Montreal, Quebec, Canada. Stove.	846,621	Mar. 12	1842	405	127	498
Robertson, John, Chicago, Ill. Lubricating and dust-proof gland.	865,058	Sept. 3	472	130	130	143
Robertson Manufacturing Company. (See Robertson, William, assignor.)						
Robertson, Maxwell W., New York, N. Y. Means for attaching pigtails to carbon-brushes.	865,059	Sept. 3	473	130	130	143
Robertson, Newton K., and I. W. Jones, Sidney, Tex. Combined cotton chopper and cultivator.	843,102	Feb. 5	544	113	126	1933
Robertson, Norman A. (See Hoopes and Robertson.)						
Robertson, Pompie L., Mayberry, W. Va. Train-operated mechanism for opening and closing doors.	870,689	Nov. 12	1293	353-4	131	454
Robertson, Sarah J., et al. (See Robertson, George W., assignor.)						
Robertson, William, Milton, Mass. Steam-boiler.	857,206	June 18	3442	726	128	2637
Robertson, William, assignor to Robertson Manufacturing Company, Buffalo, N. Y. Engine.	856,808	June 11	2678	553	128	2407
Robertson, William A. (See Hamilton, Rusk, and Robertson.)						
Robertson, William H., St. Louis, Mo. Sighting apparatus for moving vehicles.	854,310	May 21	3929	810-11	128	1077
Robertson, William H., Rector, Ark. Index for books.	871,446	Nov. 19	2745	693	131	815
Robertson, William J., Jr. (See Bull, William C., assignor.)						
Robertson, William S., Barborton, assignor of one-half to A. F. Hughes, Cleveland, Ohio. Gate for liquid-receptacles.	867,303	Oct. 1	113	35	130	1349
Robertson, William W., Benton, Mo. Door-spring.	859,521	July 9	1852	499	129	654
Robeson Cutlery Company. (See Cooper and Oliver, assignors.)						
Robeson, Jacob S., assignor to Robeson Process Company, Camden, N. J. Briquet and making the same.	841,718	Jan. 22	3857	-----	126	1104
Robeson, Jacob S., assignor to Robeson Process Company, Camden, N. J. Composition of matter and making same.	851,378	Apr. 23	5355	-----	127	3061
Robeson, Jacob S., assignor to Robeson Process Company, Camden, N. J. Composition of matter and making same.	851,379	Apr. 23	5357	-----	127	3062
Robeson, Jacob S., assignor to Robeson Process Company, Camden, N. J. Composition of matter and making same.	851,380	Apr. 23	5358	-----	127	3062
Robeson, Jacob S., assignor to Robeson Process Company, Camden, N. J. Composition of matter and making the same.	851,381	Apr. 23	5360	-----	127	3062
Robeson Process Company. (See Robeson, Jacob S., assignor.)						
Robeson, Russell E. (See Schauweker and Robeson.)						
Robey, Austin C., assignor to J. Blair and O. Burns, Marshall, Mo. Corn-cutter.	845,123	Feb. 26	4786	1014	126	3098
Robichon, Peter A., New York, N. Y. Vending-machine.	857,257	June 18	3521	744	128	2658
Robin, Jacob I., New York, N. Y. Incandescent gas-mantle.	861,609	July 30	5112	1404	129	1807
Robin, Jacob I., New York, N. Y. Incandescent gas-burner.	862,759	Aug. 6	1091	293	129	2417
Robins Conveying Belt Company. (See Moss, Lincoln, assignor.)						
Robins, Oliver W., Cedar Rapids, Iowa. Snow-scraper.	842,704	Jan. 29	5971	1259	126	1669
Robins, Thomas, Jr., New York, N. Y., and C. K. Baldwin, Chicago, Ill. Tripper or deliverer for conveying apparatus.	840,587	Jan. 8	1624	356-7	126	459
Robins, William H., assignor to American Bank Protection Co., Minneapolis, Minn. Drop for electric circuits.	850,101	Apr. 9	2850	596	127	2346
Robins, William H., assignor to American Bank Protection Co., Minneapolis, Minn. Circuit-closing device for burglar-alarm systems.	853,736	May 14	2768	570	128	745
Robinson, Aaron J., Fremont, N. H. Quick release for grinding-mills.	855,343	May 28	5963	1244-5	128	1619
Robinson, Albert D., Lynn, Mass., assignor to General Electric Company. Controlling an electric candy-spinning machine.	856,424	June 11	1965	404-5	128	2226
Robinson, Albert W., Ochiltree, Tex. Grab-hook.	852,348	Apr. 30	7295	1533	127	3580
Robinson, Amos S., Nelsonville, Ohio. Mine-door-controlling apparatus.	859,522	July 9	1854	499	129	654
Robinson, Arthur S. F., Barsham, England. Spring-wheel.	846,951	Mar. 12	2484	548	127	661

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Robinson, Bliss W., Boston, Mass. Safety-plug.....	848,205	Mar. 26	4982	1090	127	1345
Robinson, Bliss W., Boston, Mass. Safety-plug.....	848,206	Mar. 26	4984	1090	127	1346
Robinson, Charles, Dunoon, Scotland. Measuring, delivering, and registering tap for liquids.....	842,016	Jan. 22	4465	959	126	1254
Robinson, Charles F., Montpelier, Vt. Mail-handling device for railway-mail service.....	854,705	May 21	4680	975	128	1263
Robinson, Charles W., New York, N. Y. Therapeutic and other electric lamps.....	853,829	May 14	2958	606	128	792
Robinson, Charles W., San Diego, Cal. Dust-pan.....	851,441	Apr. 23	5472	1145	127	3091
Robinson, Charles W., Hamilton, Ontario, Canada, assignor to International Harvester Company. Wheel-machine.....	847,607	Mar. 19	3783	829-31	127	1017
Robinson, David H., Indianapolis, Ind. Post-hole digger and pole-setter.....	846,632	Mar. 12	1844	406	127	499
Robinson, Duncan, Brookline, Mass. Wheel.....	844,403	Feb. 19	3100	666	126	2640
Robinson, Duncan, Brookline, Mass. Shock-absorber for vehicles.....	871,237	Nov. 19	2268	596	131	745
Robinson, Duncan, Brookline, Mass. Shock-absorber for vehicles.....	871,631	Nov. 19	3111	772	131	875
Robinson, Edward T., St. Louis, Mo. Semiconvertible car.....	844,896	Feb. 19	4335	925	126	2941
Robinson, Edward T., assignor to St. Louis Car Company, St. Louis, Mo. Car-window sash.....	842,493	Jan. 29	5507	1165	126	1558
Robinson, Edwin L., North Attleboro, Mass. Snap-hook for watch-chains.....	856,913	June 11	2870	600	128	2452
Robinson, Elbert R., Chicago, Ill. Switch.....	866,306	Sept. 17	2408	671	130	815
Robinson, Elisha J. (See Ellis, Stephen A., assignor.).....						
Robinson, Elizabeth J., Arieta, Oreg. Dish-washing machine.....	862,662	Aug. 6	936	251-2	129	2373
Robinson, Ellsworth, Kellogg, Iowa. Check-row corn-planter.....	855,435	May 28	6124	1280	128	1658
Robinson, Frank S., Natchez, Miss. Baling-press.....	844,751	Feb. 19	4053	804	126	2869
Robinson, Frank T., Chicago, Ill., assignor to Twin Bottle-Cap Company. Frangible seal for bottles.....	854,844	May 28	4972	1034	128	1368
Robinson, Frank T., Chicago, Ill., assignor to Twin Bottle-Cap Company. Closure for bottles and the like.....	854,845	May 28	4974	1035	128	1369
Robinson, Frank T., assignor to Twin Bottle-Cap Company, Chicago, Ill. Combined metallic and frangible cap for bottles.....	866,813	Sept. 24	3172	891	130	1090
Robinson, Frank W., assignor of one-half to O. B. Wetherhold, Reading, Pa. Machine for cutting ribbed fabrics.....	857,540	June 18	4073	865	128	2798
Robinson, Frederick L., and J. McCabe, Cheyenne, Wyo. Track-sanding apparatus.....	844,618	Feb. 19	3778	797	126	2799
Robinson, George A., assignor of one-half to J. B. Goss, St. Paul, Minn. Cord-adjuster.....	865,531	Sept. 10	1221	348	130	400
Robinson, George L., et al. (See Luckenbach, Harry, assignor.).....						
Robinson, George M., Chicago, Ill. Metallic bedstead side-rail joint.....	873,173	Dec. 10	1814	380	131	1483
Robinson, George R., Bienville, La. Cotton and corn stalk cutter.....	872,349	Apr. 30	7296	1534	127	3580
Robinson, Hale G., Sandusky, Ohio. Mail receiving and delivering apparatus.....	850,571	July 16	3454	949	129	1207
Robinson, Hale G., Sandusky, Ohio. Steam-turbine.....	868,943	Oct. 22	2739	755-6	130	2223
Robinson, Hanson, Hanover, Pa., assignor to American Electric Chain Company, Newark, N. J. Electric chain-welding machine.....	861,394	July 30	4778	1306-12	129	1703
Robinson, Harry C., Muncy, Pa. Grinding-mill.....	874,244	Dec. 17	3988	842	131	1872
Robinson, Henry, Brooklyn, N. Y. Machine for peeling vegetables.....	855,481	June 4	76	16	128	1714
Robinson, Henry, Brooklyn, N. Y. Machine for peeling vegetables.....	864,264	Aug. 27	3367	936-7	129	3223
Robinson, Henry, Newark, N. J., assignor to Robinson Machine Company. Machine for peeling vegetables.....	859,842	July 9	2346	637	129	812
Robinson, Henry H., Des Moines, Iowa. Joint for folding buggy-tops.....	855,864	June 4	821	171	128	1902
Robinson, Henry M., Washington, D. C. Toy.....	871,823	Nov. 26	3498	856-7	131	966
Robinson, James R., Pittsburg, Pa. Rotary fan.....	866,887	Sept. 24	3269	920	130	1120
Robinson, John F., Rockaway, N. J. Horseshoe.....	841,448	Jan. 15	3331	719	126	937
Robinson, Jonathan J., Bloomsburg, Pa. Gage.....	867,081	Sept. 24	3579	1016	130	1215
Robinson, Joseph, Centralia, Wash. Sawmill set-works.....	874,899	Dec. 24	5275	1111	131	2117
Robinson, Joseph J., et al. (See Luckenbach, Harry, assignor.).....						
Robinson, Joshua, Lawrence, Mass. Shuttle.....	854,531	May 21	4333	896	128	1176
Robinson, Laforest G., Plattsburg, N. Y. High-potential-circuit breaker.....	862,513	Aug. 6	690	187	129	2301
Robinson Machine Company. (See Robinson, Henry, assignor.).....						
Robinson, Oscar D., and R. L. Bennett, Olivet, Mich. Marine propeller.....	858,215	June 25	5441	1161	128	3174
Robinson, Robert B., and E. V. Bates, assignors to Bates and Robinson Machine Company, Lowell, Mass. Carding-machine.....	867,837	Oct. 8	932	266	130	1618
Robinson, Robert P. (See Hook and Robinson.).....						
Robinson, Samuel F., Columbus, Ohio. Dish-washing apparatus.....	863,649	Aug. 20	2441	671	129	2907
Robinson, Samuel G., Jr., West Toledo, Ohio. Brooder.....	869,265	Oct. 29	3224	887	130	2401
Robinson, Theodore D., Albany, N. Y. Ventilating subways.....	849,814	Apr. 9	2336	479-80	127	2218
Robinson, Wellington S., Chicago Ill., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Lock.....	874,793	Dec. 24	5079	1070	131	2084
Robinson, William, Brooklyn, N. Y. Box-making machine.....	865,530	Sept. 10	1214	346-7	130	399
Robinson, William, Muskegon, Mich., assignor to W. G. Nagel Electric Company, Toledo, Ohio. Pole-distribution rack for telephone systems.....	846,144	Mar. 5	876	183	127	223
Robinson, William A., Woonsocket, assignor to Manville Company, Providence, R. I. Lappet-loom.....	843,177	Feb. 5	689	144	126	1968
Robinson, William A., Woonsocket, assignor to Manville Company, Providence, R. I. Lappet-loom.....	843,178	Feb. 5	692	145-6	126	1968
Robinson, William C., Baltimore, Md. Apparatus for testing oils.....	873,895	Dec. 17	3241	692	131	1757
Robinson, William D., Traverse City, Mich. Ventilator.....	848,050	Mar. 26	4735	1032	127	1283
Robinson, William H., assignor of one-half to F. Hulberg, New York, N. Y. Feed-bag.....	843,552	Feb. 5	1443	304	126	2153
Robinson, William H., New York, N. Y., assignor, by mesne assignments, to himself, and W. M. Hanes, Winston Salem N. C. Apparatus for converting feathers into down.....	847,371	Mar. 19	3306	726-7	127	890
Robinson, William T., J. W. Neighbours, and W. O. Pierce, Pulaski, Va. Air-brake apparatus.....	865,210	Sept. 3	679	194	130	207
Robinson, William W., Alexander City, Ala. Brush for cotton-gins.....	862,663	Aug. 6	939	252	129	2374
Robinson, Willis E., assignor of one-half to H. Williams, Denver, Colo. Combination-tool.....	850,319	Apr. 16	3270	682	127	2498
Robinson, Charles W., McKees Rocks, Pa. Window-sash fastener.....	860,412	July 16	3221	881	129	1128
Robison, David M. (See Hartnett and Robison.).....						
Robuck, Jesse H., Anadarko, Okla. Ter. Gas-range lighter.....	850,852	Apr. 16	4307	904	127	2759
Roby, Luther E., Peoria, Ill. Seed-drill.....	864,561	Aug. 27	3854	1068-9	129	3378
Roby, Luther E., Peoria, Ill. Seed-drill.....	864,562	Aug. 27	3857	1069	129	3379
Roby, Luther E., and C. A. Pattison, Peoria, Ill. Riding attachment for harrows.....	864,337	Aug. 27	3467	965	129	3254
Roch, Francis X., and A. O. Bonnin, Holyoke, Mass.; said Bonnin assignor to said Roch. Clothes-line support.....	853,599	May 14	2467	514	128	666
Roch, Frederick H. (See Bernier, John B., assignor.).....						
Roch, Herbert N., et al. (See Roche and Breese, assignors.).....						
Roch, Herbert N., and F. F. Breese, assignors to James W. Edwards Co., H. N. Roche, and T. B. Gray, San Francisco, Cal. Instantaneous electric water-heater.....	858,351	June 25	5688	1216	128	3240
Roch, James, assignor to Eagle Lock Co., Terryville, Conn. Multiple-key lock.....	860,940	July 23	4040	1107	129	1428
Roch, William, Jersey City, N. J. Gas-lighter attachment.....	855,531	June 4	163	33	128	1736
Roch, William J., New Bethlehem, Pa. Shaving-brush.....	870,467	Nov. 5	941	257	131	306

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Rochester Electric Specialty Company. (See Hammond, Robert O., assignor.)						
Rochester Gas Engine Company. (See Leary, John J., assignor.)						
Rochford, Mark D., Los Angeles, Cal. Excavator.	844,959	Feb. 19	4434	947-8	126	2966
Rochford, Mark D. and R. T., Los Angeles, Cal. Well-making machine.	867,536	Oct. 1	466	134-5	130	1459
Rochford, Robert T. (See Rochford, Mark D. and R. T.)						
Rock Island Plow Company. (See Smith, Ernest C., assignor.)						
Rock, Jacob W., Akron, Ohio. Elastic tire.	867,756	Oct. 8	805	227	130	1579
Rockefeller, David P., Sunbury, Pa. Extension-table.	853,474	May 14	2223	463	128	603
Rockey, James E., Colorado Springs, Colo. Stove.	867,838	Oct. 8	933	266	130	1618
Rockford Automobile & Engine Co. (See Ziska, Adam, Jr., assignor.)						
Rockie, Charles W., and A. M. Meredith, assignors of one-third to F. J. Schwarz, Jr., Bridesburg, Philadelphia, Pa. Box-folding machine.	866,601	Sept. 17	2826	792-3	130	945
Rockstroh, Charles F., New York, N. Y., assignor to Rockstroh Manufacturing Company, Orange, N. J. Printing-plate holder.	870,994	Nov. 12	1801	491	131	613
Rockstroh Manufacturing Company. (See Rockstroh, Charles F., assignor.)						
Rockstroh, Max, Klein-Sedlitz, near Pirna, Germany. Platen printing-machine.	865,800	Sept. 10	1620	459	130	526
Rockstroh, Max, Klein-Sedlitz, near Pirna, Germany. Platen printing-machine.	873,609	Dec. 10	2674	563-4	131	1629
Rockstroh, Max, Klein-Sedlitz, Germany. Bed-plate for printing machinery.	874,626	Dec. 24	4755	1000	131	2029
Rockwell, Albert F., assignor to New Departure Manufacturing Company, Bristol, Conn. Brake mechanism.	842,248	Jan. 29	4956	1057-8	126	1408
Rockwell, Albert F., assignor to New Departure Manufacturing Company, Bristol, Conn. Piston-rod connection.	860,767	July 23	3778	1036	129	1342
Rockwell, Albert F., assignor to New Departure Manufacturing Company, Bristol, Conn. Sectional crank-shaft.	862,998	Aug. 13	1448	394	129	2567
Rockwell, Albert F., assignor to New Departure Manufacturing Company, Bristol, Conn. Carbureter.	865,060	Sept. 3	474	131	130	143
Rockwell, Arthur E., Oswego, N. Y. Steering-gear for automobiles.	852,847	May 7	963	198	128	245
Rockwell, Byrd C., Malvern, Ark. Window-screen.	862,200	Aug. 6	143	40	129	2129
Rockwell, Byrd C., Malvern, Ark. Dowel for door construction.	863,650	Aug. 20	2442	671	129	2908
Rockwell, Clinton A., Weld county, Colo. Swinging gate.	866,520	Sept. 17	2706	756	130	909
Rockwell, Edward D., assignor, by mesne assignments, to New Departure Manufacturing Company, Bristol, Conn. Trolley-harp.	853,322	May 14	1949	403	128	533
Rockwell, Everett C., <i>et al.</i> (See Churchill, Benn P., assignor.)						
Rockwell, Everett C., <i>et al.</i> (See Lewis, Sherman T., assignor.)						
Rockwell, Frank. (See Haven and Rockwell.)						
Rockwell, Hubert R., assignor of two-thirds to J. C. Wall, Jr., and H. F. Temple, Chattanooga, Tenn. Fluid-pressure-operated stop-valve mechanism for engines.	855,414	May 28	6084	1272	128	1650
Rockwell, Hubert R., assignor of two-thirds to J. C. Wall, Jr., and H. F. Temple, Chattanooga, Tenn. Fluid-pressure-operated stop-valve mechanism for engines.	855,415	May 28	6089	1272-3	128	1650
Rockwell, Hubert R., assignor of two-thirds to J. C. Wall, Jr., and H. F. Temple, Chattanooga, Tenn. Fluid-pressure-operated stop-valve mechanism for engines.	855,416	May 28	6092	1273	128	1651
Rockwell, Hubert R., assignor of two-thirds to J. C. Wall, Jr., and H. F. Temple, Chattanooga, Tenn. Fluid-pressure-operated stop-valve mechanism for boilers.	855,417	May 28	6094	1273-4	128	1651
Rockwell, Joseph H., Providence, R. I. Folding music-rack.	846,348	Mar. 5	1249	275	127	314
Rockwell, Lucius A., New York, N. Y. Biscuit-cutter.	867,082	Sept. 24	3580	1016	130	1215
Rockwell, Warren A. (See Caldwell and Rockwell.)						
Rockwood, George I., Worcester, Mass. Means for making struts for automatic sprinklers.	858,541	July 2	300	75	129	106
Rockwood, George I., assignor to Rockwood Sprinkler Company, Worcester, Mass. Automatic sprinkler. (Reissue.)	12,601	Jan. 29	6264	1323	126	1740
Rockwood Sprinkler Company. (See Rockwood, George I., assignor.) (Reissue.)						
Rodecker, Charles W., New York, N. Y. Window-screen.	857,759	June 25	4514	952	128	2939
Rodeen, Laura, Wehrum, Pa. Lady's work-stand.	865,801	Sept. 10	1620	459	130	526
Roden, L. (See Moohan, Patrick H., assignor.)						
Rodesch Piano and Player Co. (See Rodesch, Robert A., assignor.)						
Rodesch, Robert A., Dixon, Ill. Automatic piano.	848,208	Mar. 26	4992	1091	127	1348
Rodesch, Robert A., Dixon, Ill. Governor.	859,780	July 9	2254	613	129	783
Rodesch, Robert A., Dixon, Ill., assignor to Rodesch Piano and Player Co. Automatic piano.	848,207	Mar. 26	4986	1090	127	1346
Rodesch, Robert A., Dixon, Ill., assignor to Rodesch Piano and Player Co. Automatic piano.	855,671	June 4	428	89-90	128	1804
Rodesch, Robert A., Dixon, Ill., assignor to Rodesch Piano and Player Co. Automatic piano.	855,672	June 4	435	90	128	1807
Rodgers, Howard S. (See Prince and Rodgers.)						
Rodgers, Jacob, Wolf Creek, assignor of one-half to C. M. Smith, Andyville, Ky. Power attachment for spray-pumps.	870,995	Nov. 12	1802	491	131	613
Rodgers, John F., New York, assignor of one-half to M. MacCanlis and A. Barman, Brooklyn, N. Y. Electric alarm-clock.	853,119	May 7	1503	313	128	379
Rodgers, John P., Youngstown, Ohio. Rail-joint.	865,946	Sept. 10	1862	522	130	612
Rodgers, Wesley P. (See Kelzer and Rodgers.)						
Rodgers, William S. S., Columbus, Ohio. Wringer-support for washing-machines.	840,161	Jan. 1	753	164	126	204
Rodman, Hugh, and G. M. Howard, Philadelphia, Pa., assignors to Electric Storage Battery Company. Secondary or storage battery.	875,213	Dec. 31	5950	.....	131	2246
Rodman, James A., assignor of one-half to J. H. Sherard, Sherard, Miss. Cutting apparatus for harvesters.	840,518	Jan. 8	1467	326	126	423
Rodness, Nels A., Clarkfield, Minn. Draft-equalizer.	860,694	July 23	3676	1004-5	129	1308
Rodney, George B., New Castle, Del. Intrenching-tool.	843,179	Feb. 5	702	146	126	1970
Rodrigues-Ely, Camille. (See Gauthier and Rodrigues-Ely.)						
Rodrigues, Manuel R., New York, N. Y. Support for folding beds.	860,941	July 23	4043	1107	129	1429
Rodwell, George J. B., Chicago, Ill., assignor of one-half to Timmins & Butler, Buffalo, N. Y. Apparatus for making rubber stamps.	864,195	Aug. 27	3268	905	129	3192
Rodzonowski, Frank M., Chicago, Ill. Automatic sharpening and polishing machine.	871,889	Nov. 26	3652	891	131	990
Roe, Alpheus E. (See Hardy and Roe.)						
Roe, Elman W., Pickford, Mich. Ironing-board.	862,941	Aug. 13	1366	372	129	2539
Roe, John P., London, assignor to Ropeway's Limited, Finsbury, England. Means or apparatus for the formation of spoil heaps, banks, &c.	868,016	Oct. 15	1265	350-2	130	1743
Roe, Lewis W., and L. J. Bonar, Mansfield, Ohio. Pipe-cleaner.	853,423	May 14	2121	442	128	576
Roe, Nathaniel, Patchogue, N. Y. Ice and water boat.	859,693	July 9	2127	574	129	741
Roe, Noble H., Marceline, Mo. Axle-nut.	873,386	Dec. 10	2235	463	131	1553
Roe, Thomas, Merriam, Kans. Portable sectional roof.	868,701	Oct. 22	2369	656	130	2110
Roebuck, Alvah C., Chicago, Ill. Stand or tripod.	859,781	July 9	2254	613	129	784
Roekner, Charles H., Hamburg, Germany. Revolving door.	858,028	June 25	5075	1074-5	128	3079
Roede, Bernhard, West Hoboken, N. J. Pearl necklace.	849,164	Apr. 2	1118	225	127	1874
Roeder, August J., and A. T. Weitershausen, Allegheny, Pa. Envelop.	861,901	July 30	5553	1532	129	1939
Roeder, Franz, Wiesbaden, assignor of one-half to Felten & Guillaume Lahmeyerwerke, A. G., Frankfurt-on-the-Main, Germany. Transferring ships or vessels.	850,320	Apr. 16	3271	682	127	2498

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Roeder, Fredrick, Buffalo, N. Y. Vehicle-fender.....	847,204	Mar. 12	2975	655-6	127	782
Roedler, Oliver C., Cairo, Ill. Bottle.....	864,563	Aug. 27	3860	1070	129	3380
Roehl, Charles E., Brooklyn, N. Y. Automatic train-blocking system.....	851,776	Apr. 30	6148	1284	127	3290
Roehm, Bernard J., assignor of one-half to J. Mulligan, Cincinnati, Ohio. Combination caliper-gage.....	845,899	Mar. 5	360	73	127	94
Roehr, Leo, Albany, N. Y. Rough-box mold.....	859,112	July 2	1223	329	129	413
Roehr, Louis, assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Machine for welding chain-links.....	858,758	July 2	681	180-1	129	236
Röell, Cornelis F. A., assignor to Roell Manufacturing Company, Independence, Mo. Heating-stove.....	843,103	Feb. 5	546	113-14	126	1934
Röell, Cornelis F. A., assignor to Roell Manufacturing Company, Independence, Mo. Hot-air furnace.....	843,104	Feb. 5	548	114	126	1934
Röell, Cornelis F. A., Independence, Mo., assignor to Roell Manufacturing Co. Smoke-consuming heater.....	843,105	Feb. 5	550	114-15	126	1935
Röell, Cornelis F. A., assignor to Roell Manufacturing Company, Independence, Mo. Magazine-stove.....	843,106	Feb. 5	553	115	126	1936
Roell Manufacturing Company. (See Röell, Cornelis F. A., assignor.)						
Roemer, Friedrich, Stuttgart, Germany. Fire-extinguisher.....	866,888	Sept. 24	3271	920	130	1120
Roemer, Joseph, assignor to Roemer Reversible Lever Tong Company, Santa Maria, Cal. Pipe-wrench.....	871,958	Nov. 26	3794	921	131	1012
Roemer Reversible Lever Tong Company. (See Roemer, Joseph, assignor.)						
Roempler, Fred G. (See Sagehorn, Herman C., assignor.)						
Roeske, William E., Davenport, Iowa. Lubricating tubular drill.....	841,184	Jan. 15	2808	612	126	803
Roesler, Ernst C. G., Philadelphia, Pa. Picture-exhibitor.....	872,455	Dec. 3	289	58	131	1213
Roesler, John, Sealy, Tex. Automatic cut-out for windmills.....	860,152	July 16	2826	772	129	1001
Roesser, Edward, <i>et al.</i> (See Helm, Frank, assignor.)						
Roesser, John, Baltimore, Md., assignor to National Smoke Cleansing Company. Smoke-cleaner and cinder-catcher as applied to locomotives.....	846,052	Mar. 5	681	143	127	174
Roessler & Hasslacher Chemical Company. (See Bueb, Julius, assignor.)						
Roessler & Hasslacher Chemical Company. (See Foregger, Richard von, assignor.)						
Roessler & Hasslacher Chemical Company. (See Foregger and Brindley, assignors.)						
Roessler & Hasslacher Chemical Company. (See Liebknecht, Otto, assignor.)						
Roessner, Rhoda M., New York, N. Y. Puzzle.....	868,702	Oct. 22	2370	656	130	2110
Roesti, Paul G. (See Backstrom and Roesti.)						
Roesti, Paul G., Milwaukee, Wis. Elastic-fluid turbine.....	861,902	July 30	5554	1533	129	1939
Roewe, Frederick H., and W. A. Mathews, Fennimore, Wis. Rope-coupling.....	847,114	Mar. 12	2787	616	127	734
Roewer, Friedrich J. H., Hamburg, Germany. Nitroglycerin explosive.....	853,830	May 14	2960	128	128	792
Rogan, John A., <i>et al.</i> (See Reynolds, William J., assignor.)						
Rogers, Alson, Warren, Pa. Reinforced concrete structure.....	870,588	Nov. 12	1116	305	131	394
Rogers, Andrew W., assignor to S. W. Winslow, trustee, Beverly, Mass. Buffing-machine.....	849,338	Apr. 2	1441	292	127	1954
Rogers, Burr S. (See Benner and Rogers.)						
Rogers, Charles R., South Melbourne, Victoria, Australia. Retting or degumming fibrous material.....	864,565	Aug. 27	3863	1072	129	3380
Rogers, Charles S., Hot Springs, Ark. Coffee-making device.....	857,076	June 25	4332	916	128	2893
Rogers, Charles W., Chicago, Ill., assignor to Mathias Brothers Company. Air-washer.....	843,180	Feb. 5	703	146	126	1971
Rogers, Enoch E., <i>et al.</i> (See Clayton, Frederick W., assignor.)						
Rogers, Florence L., <i>et al.</i> (See Hendrick, Thomas A., assignor.)						
Rogers, Francis J. (See White and Rogers.)						
Rogers, Frank B., Maddux, Mont. Ledger-plate fastener.....	841,898	Jan. 22	4244	913	126	1202
Rogers, Frank N. (See Meyer and Rogers.)						
Rogers, Frank P., Worcester, Mass. Welt-replenishing mechanism for looms.....	871,447	Nov. 19	2746	693	131	816
Rogers, Frederick S., Kyle, Tex. Gate.....	856,370	June 11	1851	380	128	2198
Rogers, Fredrick G., Buffalo, N. Y. Cleaner for steam-boilers.....	851,694	Apr. 30	6007	1254-5	127	3250
Rogers, Harry T., <i>et al.</i> (See Dempsey, James M., assignor.)						
Rogers, John, assignor of two-thirds to J. W. and J. A. Flanagan, Kansas City, Mo. Clam-shell bucket.....	869,637	Oct. 29	3868	1059	130	2598
Rogers, John C., <i>et al.</i> (See De Vaux, Louis, assignor.)						
Rogers, John C., Ord, Nebr. Manure and dirt dump.....	845,124	Feb. 26	4787	1015	126	3098
Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	845,196	Feb. 26	4925	1044	126	3133
Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	846,053	Mar. 5	683	143	127	175
Rogers, John R., New York, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	846,054	Mar. 5	685	144	127	175
Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	846,055	Mar. 5	688	144	127	176
Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	848,771	Apr. 2	304	62-4	127	1664
Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	859,618	July 9	2007	541	129	704
Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	859,619	July 9	2009	542	129	705
Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	861,770	July 30	5358	1478-9	129	1879
Rogers, John R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.....	864,564	Aug. 27	3861	1070-2	129	3380
Rogers, Joseph T., New York, N. Y., and W. H. Ridings, Milwaukee, Wis. Star-finder.....	856,912	June 11	2868	599-600	128	2451
Rogers, Lebbeus H., New York, N. Y. Controller for pneumatic compressors.....	859,843	July 9	2348	638	129	812
Rogers, Nathan, and L. Rosenwasser, New York, N. Y. Adjustable gage for sewing-machines.....	847,262	Mar. 12	3073	677	127	806
Rogers, Orin J., Spokane, Wash. Sash-lock.....	847,510	Mar. 19	3581	787	127	964
Rogers, Robert H., Schenectady, N. Y., assignor to General Electric Company. Trolley-operating valve.....	868,889	Oct. 22	2650	732	130	2195
Rogers Shear Company. (See Coleman, Jerome M., assignor.)						
Rogers, Ulysses G., assignor to J. Bernhard, Columbus, Ohio. Electric fuse.....	851,032	Apr. 23	4643	974	127	2884
Rogers, Walter H., Lebanon, Tenn. Brooder.....	846,865	Mar. 12	2308	507	127	617
Rogers, William H., Camden, N. J. Shoe-lace tip.....	847,825	Mar. 19	4253	931	127	1127
Rogers, Woodbury O., Norwich, Conn. Poultry-feeder.....	851,320	Apr. 23	5238	1098	127	3032
Rogers, Worth, St. Louis, Mo. Telegraph-repeater.....	858,216	June 25	5443	1162	128	3174
Rogerson, Albert C., assignor to Automatic Molding Machine Company, Chicago, Ill. Molding Apparatus.....	874,440	Dec. 24	4379	921-2	131	1969
Roggenkamp, Henry C. (See McCormick and Roggenkamp.)						
Roghair, John. (See Gertzen and Roghair.)						
Rohde, William, and E. V. Mueller, Cincinnati, Ohio; said Mueller assignor to said Rohde. Vending-machine.....	871,890	Nov. 26	3654	891	131	990
Rohe, Joseph C. (See Collord, Rohe, and Gass.)						
Rohleder, Augustus H., Ashland, Cal. Miner's-lamp bracket.....	859,844	July 9	2351	638	129	813

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Rohlfing, John M., St. Louis, Mo. Railway-truck.	856,492	June 11	2080	428	128	2255
Röhm, Otto, Stuttgart, Germany. Bating hides and skins.	875,382	Dec. 31	6277		131	2299
Rohmer, William B., assignor of one-half to R. J. Turner, Bay St. Louis, Miss. Scrubber or cleaner.	843,236	Feb. 5	815	168	126	2001
Rohn, Jacob P., Philadelphia, Pa. Car-fender.	851,963	Apr. 30	6556	1366	127	3395
Rohr, Moritz von, assignor to Firm of C. Zeiss, Jena, Germany. Double objective.	873,896	Dec. 17	3243	692	131	1758
Rohrbacher, Edward J., Blaine, Wash. Automatic air-pump.	864,918	Sept. 3	244	66	130	76
Rohrer, Ira A., assignor of one-half to D. B. Camp, Boise, Idaho. Stovepipe.	862,415	Aug. 6	513	137	129	2246
Rohrer, Milton L., Seattle, Wash. Collapsible and extensible safety-gate for street and other cars.	850,969	Apr. 23	4531	948	127	2855
Rohrer, William H., <i>et al.</i> (See Ladd, Earnest W., assignor.)						
Rohrsen, George G., assignor to Manewallange Biscuit Company, St. Louis, Mo. Collapsible crate.	842,494	Jan. 29	5508	1166	126	1558
Rohrsen, George G., assignor to Manewallange Biscuit Company, St. Louis, Mo. Device for holding packages of merchandise.	844,690	Feb. 19	3925	830	126	2837
Rojas, Floriel A., New York, N. Y. Finger-ring and pencil.	845,197	Feb. 26	4926	1045	126	3133
Roland, Edward S., Cleveland, Ohio. Trolley wheel and harp.	845,900	Mar. 5	362	73	127	94
Roland, Lucien, Paris, France. Elastic substance similar to india-rubber and its manufacture.	842,839	Jan. 29	6236		126	1733
Rolfe, Charles A., Chicago, Ill., assignor, by mesne assignments, to Rolfe Electric Co., Rochester, N. Y. Fuse-box.	841,449	Jan. 15	3332	720	126	937
Rolfe, Charles A., assignor to Rolfe Electric Company, Rochester, N. Y. Fuse-box.	843,553	Feb. 5	1445	304	126	2153
Rolfe, Charles A., assignor to Rolfe Electric Company, Rochester, N. Y. Electrical protective apparatus.	845,010	Feb. 19	4549	969	126	2994
Rolfe, Charles A., assignor to Rolfe Electric Company, Rochester, N. Y. Electrical-circuit protector.	867,212	Sept. 24	3786	1069	130	1280
Rolfe, Charles A., Adrian, Mich., assignor, by mesne assignments, to Rolfe Electric Co., Rochester, N. Y. Lightning-arrester.	847,372	Mar. 19	3313	727	127	893
Rolfe, Charles A., Adrian, Mich., assignor, by mesne assignments, to Rolfe Electric Co., Rochester, N. Y. Circuit-protector.	866,735	Sept. 24	3045	859	130	1051
Rolfe Electric Company. (See Rolfe, Charles A., assignor.)						
Rolfes, George H., St. Louis, Mo. Lantern.	846,952	Mar. 12	2487	548	127	662
Rolfes, George H., St. Louis, Mo. Lamp or lantern burner.	851,319	Apr. 23	5237	1098	127	3032
Rolfes, Georges H., assignor to Handlan-Buck Manufacturing Company, St. Louis, Mo. Adjustable handle for lamp-fonts.	862,664	Aug. 6	940	252	129	2374
Rollandet, Edward, Pueblo, Colo. Reproducing device.	852,036	Apr. 30	6740	1401	127	3442
Rollason, Arthur, Long Eaton, England. Internal-combustion engine.	866,069	Sept. 17	2066	576	130	706
Rollason, Arthur, Long Eaton, England. Internal-combustion engine.	871,632	Nov. 19	3114	772	131	875
Rollason, Arthur, Long Eaton, assignor to R. Mond, London, England. Internal-combustion engine.	868,017	Oct. 15	1270	352	130	1744
Roller, Alvah C., Lawrence, Kans. Folding umbrella or parasol.	873,174	Dec. 10	1816	380	131	1484
Roller, Frank W., Plainfield, N. J. Electrical measuring instrument.	868,128	Oct. 15	1431	402	130	1793
Roller, Frank W., Plainfield, N. J., assignor to General Electric Company. Shunt for electrical measuring instruments.	859,255	July 9	1453	388	129	523
Rolley, Thomas, East Brisbane, Queensland, Australia. Transom-lifter.	875,214	Dec. 31	5951	1239	131	2246
Rollin, Charles, Newcastle-upon-Tyne, England. Turbine adapted for the use of combustible gases at very high temperatures.	867,419	Oct. 1	287	84	130	1403
Rollings, Charles P. (See Muir, Joseph L., assignor.)						
Rollins, Charles H., Watertown, Mass. Water-closet.	864,196	Aug. 27	3269	906	129	3194
Rollins, Charles H., Watertown, assignor of one-half to E. W. Anthony, Brookline, Mass. Floor connection for water-closets.	840,712	Jan. 8	1858	409	126	520
Rollins, George D., Philadelphia, Pa. Metallic packing.	856,103	June 4	1240	261	128	2095
Rollins, George E., Brockton, Mass. Apparatus for finishing innersoles.	843,035	Feb. 5	393	86	126	1892
Rollins, Henry M., and A. J. Neff, Houston, Tex. Truck for wood-preserving retorts.	847,826	Mar. 19	4253	931	127	1127
Rollins, James J., Jersey Shore, Pa. Coupling.	868,486	Oct. 15	1993	556	130	1963
Rollins, John E. (See Berryman and Rollins.)						
Rollins, John O., Tuolumne Cal. Tree-felling machine.	842,249	Jan. 29	4959	1058-9	126	1408
Rollinson, Earl H., Albany, N. Y. Binding-post.	865,211	Sept. 3	680	194	130	207
Rolph, Frank A. (See Gribble, Herbert F., assignor.)						
Rom, August W., Chicago, Ill. Molding-machine.	864,431	Aug. 27	3610	1002	129	3300
Romadka Brothers Company. (See Erickson and Heilman, assignors.)						
Roman, Joseph. (See Heller and Roman.)						
Romanoff, Hippolyte, St. Petersburg, Russia. Single-rail electric overhead railway with suspended vehicle.	843,418	Feb. 5	1145	239-40	126	2079
Romberg, Friedrich. (See Fiamm and Romberg.)						
Rome Metallic Bedstead Company. (See Merritt, Mortimer G., assignor.)						
Rommel, Théodore, Neuilly-sur-Seine, France. Coupling-rod for the axles of automobiles.	873,092	Dec. 10	1659	345	131	1458
Rommes, Paul, Pittsburg, Kans. Coal-mining drill-post.	858,217	June 25	5445	1162	128	3174
Romünder, Hermann, Milwaukee, Wis. Wood covering or facing.	848,690	Apr. 2	140	30	127	1623
Romünder, Hermann, Milwaukee, Wis. Water softener and purifier.	849,500	Apr. 9	1773	358-9	127	2075
Ronan, James J., and J. F. Barry, Jersey City, N. J. Folding rack.	864,566	Aug. 27	3865	1072	129	3381
Ronan, James J., and J. F. Barry, Jersey City, N. J. Vending-machine.	870,468	Nov. 5	942	257	131	307
Rónay, Árpád, Budapest, Austria-Hungary. Forming blocks of ores for metallurgical purposes. (Reissue.)	12,643	Apr. 30	7435	1560	127	3616
Ronceray, Eugène. (See Bonvillain and Ronceray.)						
Ronchetti, Joseph A., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	868,890	Oct. 22	2652	733	130	2195
Rondier, Octave, <i>et al.</i> (See Gros, Abel assignor.)						
Roney, George A., Grand Forks, N. D. Combined shaving mug and brush.	842,705	Jan. 29	5973	1260	126	1670
Roney, John, and J. C. Rae, Woonsocket, R. I. Bobbin and spindle connector.	862,514	Aug. 6	692	187	129	2301
Roney, John, and J. C. Rae, Woonsocket, R. I. Bobbin and spindle connector.	862,586	Aug. 6	825	219	129	2340
Roney, William T., Bethany, Ill. Scoop-board.	845,480	Feb. 26	5503	1165	126	3275
Ronus, Max. (See Herzberg, Scharfenberg, and Ronus.)						
Rooch, Edward, Norwood, Ohio. Water-heater.	863,651	Aug. 20	2443	671	129	2908
Rood, Clarence E., New York, N. Y., and J. Goettel, Boston, Mass. Oil-saving device for journal-boxes.	841,051	Jan. 8	2525	551	126	686
Rood, John, Danvers, and F. J. Perkins, Woburn, assignors, by mesne assignments, to Turner Tanning Machinery Company, Boston, Mass. Leather-working machine.	873,790	Dec. 17	3025	642-3	131	1722
Rood, William B., Ware, Mass. Pocket-book.	840,661	Jan. 8	1755	386	126	494
Rookes, Edwin. (See Hartridge, Thorne, and Rookes.)						
Rooks, Edward L. and P. A., Jackson, Tenn. Awning.	842,706	Jan. 29	5974	1260	126	1670
Rooks, Percy A. (See Rooks, Edward L. and P. A.)						
Rooney, Elwin H., New Bedford, assignor to Whitin Machine Works, Whitinsville, Mass. Combing-machine.	864,197	Aug. 27	3270	906	129	3194
Rooney, Frank E., assignor of one-half to J. C. Holliday, Altoona, Pa. Mixing apparatus.	872,084	Nov. 26	4103	982	131	1055

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Rooney, John J., Scarsdale, N. Y. Lamp-socket.....	874,245	Dec. 17	3990	842	131	1872
Roop, Christian Y. (See Johnson and Roop.).....						
Roop, John, Carnegie, Pa. Folding steel square.....	867,420	Oct. 1	288	84	130	1403
Roos, Charles, Leadville, Colo. Boiler-tube cutter.....	864,693	Aug. 27	4067	1130	129	3434
Roos, Edward F., <i>et al.</i> (See Malocsay, Frank X., assignor.).....						
Roos, Louis F., Jr., <i>et al.</i> (See Malocsay, Frank X., assignor.).....						
Roos, Louis F., Sr., <i>et al.</i> (See Malocsay, Frank X., assignor.).....						
Roos, Robert, Chicago, Ill., assignor to American Farm Products Company, Jersey City, N. J. Manufacture of process butter.....	854,383	May 21	4053	838	128	1109
Roosa, Herbert H., Lincoln, Nebr. Insole.....	859,113	July 2	1224	330	129	413
Roosa, Herbert H., Lincoln, Nebr. Insole.....	871,891	Nov. 26	3656	891	131	991
Roosevelt, Giles F., Denver, Colo. Anastomotic clamp.....	848,126	Mar. 26	4859	1061	127	1313
Roost, Hermann, Le Locle, Switzerland. Measuring instrument.....	855,865	June 4	822	171	128	1902
Root, Charles A., Kalamazoo, Mich. Photographic shutter.....	847,373	Mar. 19	3314	727	127	893
Root, Charles E., Blaney, Mich. Spud.....	843,036	Feb. 5	396	86	126	1892
Root, Henry T., Kirksville, Mo. Osteopathic table.....	848,856	Apr. 2	523	104	127	1722
Root, Joseph T., Boston, Mass. Door-gage.....	846,349	Mar. 5	1250	275	127	315
Root, Wilber L., Cincinnati, Ohio. Apparatus for atomization.....	856,301	June 11	1677	348	128	2152
Roote, William R., Guelph, Ontario, Canada. Top-rest for carriages.....	874,794	Dec. 24	5080	1070	131	2084
Roper, Charles F. (See Draper and Roper.).....						
Roper, Charles F., assignor to Draper Company, Hopedale, Mass. Filling-detecting mechanism for looms.....	840,377	Jan. 1	1205	263	126	317
Roper, Charles F., assignor to Draper Company, Hopedale, Mass. Filling-detecting mechanism for looms.....	842,117	Jan. 22	4652	999	126	1299
Roper, Charles F., assignor to Draper Company, Hopedale, Mass. Let-off mechanism for looms.....	843,181	Feb. 5	704	147	126	1971
Roper, Charles F., assignor to Draper Company, Hopedale, Mass. Selvage-motion for looms.....	844,404	Feb. 19	3102	666	126	2640
Roper, Charles F., assignor to Draper Company, Hopedale, Mass. Take-up mechanism for looms.....	847,608	Mar. 19	3791	831	127	1018
Roper, Charles F., assignor to Draper Company, Hopedale, Mass. Crack-preventing means for looms.....	848,772	Apr. 2	310	64	127	1665
Roper, Charles F., assignor to Draper Company, Hopedale, Mass. Harness-motion for looms.....	871,448	Nov. 19	2749	693-4	131	816
Roper, Walter F. (See Northrop and Roper.).....						
Roper, Walter F., assignor to Draper Company, Hopedale, Mass. Weft-replenishing loom.....	843,107	Feb. 5	555	115-17	126	1936
Ropeway's Limited. (See Roe, John P., assignor.).....						
Rorick, William B. (See Triggs, James M., assignor.).....						
Rosa, Marco D., assignor to J. U., and V. De Bona, S. Baron, and A. Losso, New Rochelle, N. Y. Safety device for vehicles.....	872,849	Dec. 3	1126	237-8	131	1342
Rosback, Frederick P., Benton Harbor, Mich. Brickmaking-machine.....	857,364	June 18	3729	788-91	128	2710
Rose, Arthur G., <i>et al.</i> (See Bowser, Albert C., assignor.).....						
Rose, Dickinson L., Mankato, Minn. Sod or walk trimmer.....	850,057	Apr. 9	2766	581	127	2324
Rose, Israel M., Philadelphia, Pa. Automatic lighting device.....	865,802	Sept. 10	1621	459	130	526
Rose, Lawrence J., St. Louis, Mo. Music-leaf turner.....	862,018	July 30	5718	1587	129	1990
Rose, Mahlon. (See Brower, Rose, and Jones.).....						
Rose, Oscar, St. Louis, Mo. Attachment for chairs.....	860,328	July 16	3092	844	129	1086
Rose, Overend G., Camp Meeker, Cal. Attachment to horns for sound-reproducing instruments.....	842,707	Jan. 29	5976	1261	126	1670
Rose, Philip H. (See Morrissey, John J., assignor.).....						
Rose, Roderick, Yonkers, and P. Brady, North Tarrytown, N. Y. Hat and coat rack.....	855,732	June 4	568	117	128	1842
Rose, Walter L., Wadesboro, N. C. Cotton-chopper.....	871,295	Nov. 19	2406	622-3	131	765
Rose, Wesley M., Sacramento, Cal. Oil-column.....	874,246	Dec. 17	3991	842	131	1873
Rose, William B., Chicago, Ill. Attendance-indicator.....	842,495	Jan. 29	5509	1166	126	1559
Rose, William H., Baltimore, Md. Disinfecting apparatus.....	865,061	Sept. 3	475	131	130	144
Roseboom, Jesse G., Cincinnati, Ohio. Sash-frame and sash.....	852,621	May 7	495	92	128	130
Roseboom, Jesse G., Cincinnati, Ohio. Window-sash.....	852,622	May 7	497	92	128	130
Roseboom, Jesse G., Norfolk, Va. Sash-frame and sash.....	863,093	Aug. 13	1600	431	129	2613
Rosell, Claude A. O., assignor, by mesne assignments, to Avram-Leet Engineering Company, New York, N. Y. Block-press.....	861,903	July 30	5555	1533-5	129	1939
Roselle, Louis N. J., Paris, France. Secondary-battery plate and making same.....	850,788	Apr. 16	4174	875	127	2725
Rosemeyer, Josef, Lindenthal, Germany, and G. Dive, Bressoux, Germany. Long-burning arc-lamp.....	865,271	Sept. 3	770	220-1	130	233
Rosen, Adolph T. (See Hachmann, Frederick, assignor.).....						
Rosen, Carl. (See Wickland, Algot A., assignor.).....						
Rosen, Max. (See Celenza and Rosen.).....						
Rosen, Meyer, Bloomington, Ill. Cushioned handle-bar for velocipedes.....	841,450	Jan. 15	3334	720	126	937
Rosen, Meyer, Bloomington, Ill. Velocipede seat-post.....	870,645	Nov. 12	1227	333	131	434
Rosenbaum, Eugene. (See Nicholson, Matthew H., assignor.).....						
Rosenbaum, Harry, New York, N. Y. Portable work-bench.....	869,461	Oct. 29	3551	973	130	2503
Rosenbaum, Louis, St. Louis, Mo. Ironing-machine.....	854,109	May 21	3552	733	128	976
Rosenbaum, Louis, Boston, Mass. Hat or cap.....	857,258	June 18	3524	745	128	2658
Rosenbaum, Ralph, Atlanta, Ga. Broom.....	852,244	Apr. 30	7113	1488	127	3537
Rosenberg, Adolph. (See Spencer, Aubrey F., assignor.).....						
Rosenberg, Albert, Baltimore, Md. Ceiling-fan.....	864,265	Aug. 27	3370	937	129	3224
Rosenberg, Albert, Baltimore, Md. Brake for machines.....	865,532	Sept. 10	1221	348	130	400
Rosenberg, David, and J. B. Hartnett, Providence, R. I. Window-shade fixture.....	856,302	June 11	1682	349	128	2154
Rosenberg, Emanuel, Berlin, Germany, assignor to General Electric Company. Dynamo-electric machine.....	849,085	Apr. 2	943	193	127	1828
Rosenberg, Hugo, Berlin, Germany. Container for surgical ligatures.....	843,494	Feb. 5	1307	275	126	2120
Rosenberg, Paul, Berlin, Germany. Producing formaldehyde preparations.....	849,815	Apr. 9	2337	.....	127	2218
Rosenberry, George, Harrisburg, assignor of one-half to J. B. Kennedy, Stewartstown, Pa. Machine for welding copper.....	873,897	Dec. 17	3243	692	131	1758
Rosenblatt, George H. (See Nienstadt, August E., assignor.).....						
Rosenblatt, John M., assignor of one-half to J. W. Cone, Greensboro, N. C. Means for automatically controlling the supply of air to organ wind-chests.....	863,450	Aug. 13	2131	574	129	2780
Rosenbluth, Edwin M., Philadelphia, Pa. Acetylene-gas generator.....	844,047	Feb. 12	2355	505	126	2415
Rosenbluth, Edwin M., Philadelphia, Pa. Acetylene-gas generator.....	859,978	July 16	2553	695	129	908
Rosenbluth, Edwin M., Philadelphia, Pa. Acetylene-gas generator.....	868,293	Oct. 15	1691	478-9	130	1873
Rosenbrook, August C., Brook, Ind. Automatic seal.....	863,094	Aug. 13	1602	431	129	2613
Rosenfeld, Arnold, Bel Air, Md. Vending apparatus.....	869,807	Oct. 29	4090	1130	130	2663
Rosenfeld, Max, Chicago, Ill. Advertising device.....	869,733	Oct. 29	3987	1102	130	2633
Rosenfield, William W., New York, N. Y. Phonograph.....	849,086	Apr. 2	944	193	127	1828
Rosenfield, William W., New York, N. Y. Automatic phonograph.....	859,114	July 2	1225	330	129	413
Rosengarten, George W., Home Heights, Mo. Water-elevating apparatus.....	865,487	Oct. 15	1994	556-7	130	1964

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Rosenheim, Carl, Brussels, Belgium. Skylight-fastening.....	866,070	Sept. 17	2068	577	130	707
Rosenkranz, Mathias, Pueblo, Colo. Nut-lock.....	851,964	Apr. 30	6558	1366	127	3396
Rosenow, Max, Peoria, Ill. Sawing-machine.....	846,510	Mar. 12	1605	356	127	638
Rosenquist, Edwin M., St. Paul, Minn. Wearing-apparel.....	844,539	Feb. 19	3392	731	126	2712
Rosenstein, Meyers, <i>et al.</i> (See Wolfenden, Knutson, and Larsen, assignors.)						
Rosenthal, Abraham, Altoona, Pa. Clasp.....	857,488	June 18	3969	843	128	2769
Rosenthal, Adolph, Augusta, Ga. Belt-shifter.....	866,389	Sept. 17	2532	705	130	853
Rosenthal, Andrew G., Chicago, Ill. Attachment for sewing-machines.....	850,789	Apr. 16	4176	875	127	2725
Rosenthal, August, West Allis, assignor to Rosenthal Manufacturing Company, Milwaukee, Wis. Corn-husking rolls.....	873,610	Dec. 10	2675	564	131	1630
Rosenthal, C. S., <i>et al.</i> (See Thompson, James T., assignor.)						
Rosenthal, Julius, assignor of one-half to M. Lichtenstein, Atlanta, Ga. Stove.....	854,605	May 21	4474	932-3	128	1212
Rosenthal Manufacturing Company. (See Rosenthal, August, assignor.)						
Rosenthal, Maurice I., Fort Wayne, Ind. Clutch mechanism.....	849,087	Apr. 2	948	193-4	127	1829
Rosenthal, Sigismund, New York, N. Y. Hat-retaining device.....	846,953	Mar. 12	2489	549	127	663
Rosentreter, Albert J. (See Bardsley and Rosentreter.)						
Rosentreter, Albert J., Doonton, N. J., assignor, by mesne assignments, to Oscar Barnett Foundry Company. Door-holder.....	871,959	Nov. 26	3797	922	131	1013
Rosenvall, Emil, Salt Lake City, Utah. Loading apparatus.....	858,218	June 25	5447	1162-3	128	3175
Rosenwasser, Leo. (See Rogers and Rosenwasser.)						
Rosenwasser, Morris, New York, N. Y. Legging.....	857,963	June 25	4936	1044	128	3043
Rosenwasser, Morris, New York, N. Y. Legging.....	875,555	Dec. 31	6602	1380	131	2353
Rosenzweig, Chaim, New York, N. Y. Pneumatic equalizer for vehicles.....	871,186	Nov. 19	2155	575-6	131	727
Rosewarne, Richard E., Covington, Ky., assignor to Miller, Du Brul and Peters Manufacturing Company, Cincinnati, Ohio. Variable-speed mechanism.....	849,750	Apr. 9	2225	456-7	127	2191
Roshon, John W., Harrisburg, Pa. Flying-machine.....	868,488	Oct. 15	1997	557	130	1964
Rosie, John, Edinburgh, Scotland. Automatic gas lighter and extinguisher.....	861,904	July 30	5558	1535-6	129	1941
Rosin, Albert J., Cleveland, Ohio. Folding boat.....	859,582	July 9	1956	527-8	129	687
Rosing, Astrid S., Chicago, Ill. Garment-ripping tool.....	865,126	Sept. 3	555	155	130	168
Rössner, Heinrich, Essen-on-the-Ruhr, Germany. Carpenter's bench.....	860,061	July 16	2701	735	129	958
Ross, Adella, Poughkeepsie, N. Y. Safety ticket-box.....	858,759	July 2	683	181	129	237
Ross, Alexander, Cambridge, Mass. Collapsible awning for boats.....	841,719	Jan. 22	3859	838	126	1104
Ross, Alexander, Rochester, N. Y. Trolley-pole.....	866,224	Sept. 17	2280	637	130	774
Ross, Alexander D., Chicago, Ill. Envelope-opener.....	839,960	Jan. 1	320	70	126	88
Ross, Andrew J., and M. J. Morton, Pioneer, Cal., said Morton assignor to said Ross. Pump.....	868,703	Oct. 22	2371	656-7	130	2111
Ross, Arthur G. (See Clarke and Ross.)						
Ross, Austin J., Cambridge, Ill. Water-conductor pipe or the like.....	845,577	Feb. 26	5661	1200	126	3314
Ross, Austin J., Cambridge, Ill. Fastening device for rain-water conductors.....	845,578	Feb. 26	5663	1200	126	3314
Ross, Charles D., assignor of one-half to Lake Shore Stone Company, Milwaukee, Wis. Apparatus for unloading marine vessels.....	842,338	Jan. 29	5143	1093-4	126	1458
Ross, Charles R., assignor of one-third to A. E. Streeter, Kansas City, Mo. Adjustable hose-nozzle.....	864,919	Sept. 3	246	66	130	77
Ross, Christian H., Chicago, Ill., assignor of one-half to Dauchy Iron Works. Sidewalk-light.....	850,970	Apr. 23	4533	948	127	2855
Ross, Delmar C., assignor to C. B. Hutchins & Sons, Detroit, Mich. Car-roof.....	864,993	Sept. 3	365	97-8	130	115
Ross, Douglas W., Boise, Idaho. Gate for waterways.....	868,489	Oct. 15	1998	558	130	1964
Ross, Elmore P., assignor to E. W. Ross Company, Springfield, Ohio. Manure-spreader.....	867,421	Oct. 1	289	85	130	1403
Ross, Evalyn. (See Northrup, Elmer C., assignor.)						
Ross, Frank H. (See White and Ross.)						
Ross, Frederick M., Newport, Ky. Trolley-pole.....	875,215	Dec. 31	5952	1240	131	2246
Ross, George. (See McGlone and Ross.)						
Ross, George H. D., assignor of one-half to D. Garber, La Junta, Colo. Beet-seeder.....	840,713	Jan. 8	1859	410	126	520
Ross, George M., Harwood, Mo. Can-opener.....	863,652	Aug. 20	2444	672	129	2908
Ross, George S., Riverside, Ill. Bag for pulverizing slice plug-cut tobacco.....	854,384	May 21	4055	838	128	1109
Ross, Hardin E., <i>et al.</i> (See Williams, Henry E., assignor.)						
Ross, Harry B., assignor to Berlin Machine Works, Beloit, Wis. Cutter-head knife-sharpener.....	856,726	June 11	2534	521	128	2370
Ross, Harry B., assignor to Berlin Machine Works, Beloit, Wis. Cutter-head for grooving and jointing machines.....	873,093	Dec. 10	1660	346	131	1458
Ross, Harry B., assignor to Berlin Machine Works, Beloit, Wis. Feed mechanism for planing-machines.....	874,036	Dec. 17	3518	750	131	1802
Ross, Henry I. M., Dunedin, New Zealand. System of double ventilation.....	872,199	Nov. 26	4322	1032	131	1092
Ross, Henry J., St. Catharines, Ontario, Canada. Horseshoe.....	873,611	Dec. 10	2677	564	131	1630
Ross, Isaac L., Bowbells, N. D. Feed-box.....	863,653	Aug. 20	2445	672	129	2909
Ross, James J., assignor of one-third to E. A. Everett, Detroit, Mich. Electric switch.....	864,694	Aug. 27	4068	1130-1	129	3443
Ross, John C., assignor to Ross Stamping Company, Elyria, Ohio. Sheet-metal shovel.....	869,144	Oct. 22	3036	838	130	2313
Ross, John C., assignor to Ross Stamping Company, Elyria, Ohio. Grip-handle for implements.....	869,213	Oct. 22	3134	864	130	2346
Ross, John C., assignor to Ross Stamping Company, Elyria, Ohio. Shovel.....	869,214	Oct. 22	3135	864	130	2346
Ross, John C., assignor to Ross Stamping Company, Elyria, Ohio. Implement-handle.....	869,215	Oct. 22	3136	864	130	2347
Ross, John M., Kincardine, Ontario, Canada. Mower-knife and tool grinder.....	869,734	Oct. 29	3989	1102	130	2633
Ross, John M., and J. S. Riddell, Frobisher, Saskatchewan, Canada. Disk-grinder.....	872,372	Dec. 3	115	21	131	1185
Ross, Jonas W., Chillicothe, Mo. Broiler.....	850,058	Apr. 9	2767	581	127	2324
Ross, Joseph, Vincennes, Ind. Corn harvesting and husking machine.....	874,247	Dec. 17	3993	842-3	131	1873
Ross, Justin E., Springfield, Mo. Lamp-burner.....	874,248	Dec. 17	3995	843	131	1873
Ross, Lee C., West Point, Miss. Fire dog or iron.....	853,831	May 14	2961	607	128	792
Ross, Lewis G., assignor of one-third to P. C. Petersen, San Francisco, Cal. Drill-forge.....	861,905	July 30	5560	1536	129	1941
Ross, Martin H., assignor of one-half to R. J. Kiendl, Buffalo, N. Y. Safety device for elevators.....	851,382	Apr. 23	5361	1122-3	127	3063
Ross-Meehan Foundry Company. (See Boswell, William C., assignor.)						
Ross, Minnie M., Wapanucka, Ind. Ter. Kitchen-cabinet.....	858,628	July 2	479	123	129	167
Ross, N. A., <i>et al.</i> (See Kroschel, August H., assignor.)						
Ross, Sidney J., <i>et al.</i> (See Schofield, Harry, assignor.)						
Ross, Sidney J., assignor of two-thirds to H. Schofield and O. P. Macfarlane, London, England. Means for promoting circulation in steam-boilers.....	848,496	Mar. 26	5558	1213	127	1458
Ross Stamping Company. (See Ross, John C., assignor.)						
Ross, Thomas L., China Grove, N. C. Shutter latch-guard.....	870,848	Nov. 12	1554	427	131	536
Ross, Thomas S., assignor of two-thirds to M. H. Noon and J. J. Ellis, Baltimore, Md. Drafting attachment.....	842,585	Jan. 29	5680	1200	126	1597
Ross, William, Troy, N. Y. Ice-cream scraper.....	870,996	Nov. 12	1804	491	131	614
Ross, William C. (See Belknap, Ellsworth, assignor.)						
Ross, William D., Providence, R. I. Electric time-switch.....	865,432	Sept. 10	1042	297	130	346
Ross, William G., assignor of one-half to F. Sutherland, Chicago, Ill. Boiler.....	873,094	Dec. 10	1661	346-7	131	1459
Rosser, Andrew C. (See Hendrickson, Loren E., assignor.)						
Rosser, David E., Scranton, Pa. Pump-stop.....	861,675	July 30	5208	1431	129	1835
Rossi, Giorgio, Genoa, Italy. Automatic alarm.....	871,633	Nov. 19	3116	772-3	131	875

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Rossiger, Jessie, Golconda, Ill. Cooking utensil.....	848,209	Mar. 26	4993	1091	127	1348
Rossignol, Abel, Voiron, France. Picker-staff for weaving-loom.....	870,904	Nov. 12	1648	453	131	566
Rost, Louis N., Macomb, Ill. Display-rack.....	858,472	July 2	189	45	129	71
Rostel, Karl, Monessen, Pa. Thermostatic apparatus.....	840,256	Jan. 1	936	204	126	253
Roswell, Charles R., Cleveland, Ohio. Device adapted for curing deafness.....	858,673	July 2	546	141	129	189
Rotary Machine Company. (See Prindle, Henry U., assignor.)						
Roteng Engineering Corporation. (See Tolman, Charles P., assignor.)						
Roth, Alice A., Buffalo, N. Y. Electric-railway switch and signal.....	868,222	Oct. 15	1562	444-5	130	1832
Roth, Anton. (See Belloff and Roth.)						
Roth, Charles C., Barberton, assignor of one-half to S. S. Fisher, Doylestown, Ohio. Device for holding glass and similar articles in place.....	855,813	June 4	717	148	128	1877
Roth, Edward B., assignor to B. Roth Tool Company, St. Louis, Mo. Embossing and printing press.....	862,108	July 30	5880	1629-31	129	2041
Roth, Edward B., assignor to B. Roth Tool Company, St. Louis, Mo. Device for positioning rolls.....	862,109	July 30	5885	1631	129	2042
Roth, Edward B., assignor to B. Roth Tool Company, St. Louis, Mo. Embossing and printing press.....	862,110	July 30	5887	1631-2	129	2042
Roth and Engelhardt. (See Hobart, Adam J., assignor.)						
Roth & Engelhardt. (See Peck, Benjamin C., assignor.)						
Roth, John A., Hannibal, Ohio. Pole-climbing apparatus.....	852,623	May 7	498	92	128	131
Roth, Joseph C., West Seneca, and J. J. Welshofer, Buffalo, N. Y. Ventilator.....	871,146	Nov. 19	2079	560	131	714
Roth, William H. (See Hurst and Roth.)						
Rothacher, Edward E., Wisner, Nebr. Wagon-loader.....	839,961	Jan. 1	322	71	126	89
Rothbarth, John C., Buffalo, N. Y. Chimney cap or ventilator.....	874,249	Dec. 17	3996	843	131	1873
Rothberg, Mathew E., and A. Ernst, Pittsburg, Pa. Coke-oven.....	841,052	Jan. 8	2527	551-2	126	686
Rothchild, Joseph, assignor to R. Buchanan, Brooklyn, R. H. Burns, Queens, and P. P. Pullis, Brooklyn, N. Y. Engine.....	871,634	Nov. 19	3117	773	131	876
Rothchild, L. P., et al. (See Bretney, Eugene, assignor.)						
Rothe, William F., East St. Louis, Ill. Friction-clutch.....	846,350	Mar. 5	1252	275	127	315
Rothe, William F., East St. Louis, Ill. Carbureter.....	867,604	Oct. 8	583	166	130	1512
Rothe, William F., East St. Louis, Ill. Fuel-valve controller for hydrocarbon-engines.....	867,605	Oct. 8	584	166	130	1512
Rothe, William F., East St. Louis, Ill. Pneumatic motor.....	872,751	Dec. 3	910	188-90	131	1311
Rothenberg, Daniel M., et al. (See Kray, John A., assignor.)						
Rothembucher, George, New York, N. Y. Steam-separator.....	851,254	Apr. 23	5096	1072	127	2994
Rothembucher, George, New York, N. Y. Piston-rod packing.....	856,303	June 11	1684	349	128	2154
Rothembucher, George E. R., New York, N. Y. Beer-keg washer.....	869,022	Oct. 22	2856	788-9	130	2258
Rothembucher, George E. R., New York, N. Y. Smoke-consuming furnace.....	872,373	Dec. 3	117	22	131	1185
Rothembucher, George E. R., New York, N. Y. Smoke-consuming furnace.....	872,374	Dec. 3	119	374	131	1186
Rothenstein, Otto, Chicago, Ill. Rectifying and interrupting alternating currents.....	864,695	Aug. 27	4070	1131	129	3444
Rothenstein, Otto, Pittsburg, Pa. Electric knife-switch.....	868,704	Oct. 22	2373	657	130	2111
Rothermel, William H., Calcium, Pa. Railway rail-joint.....	860,329	July 16	3093	845	129	1087
Rothfuchs, August, and G. Bliss, Hammond, Ind. Chair support or prop.....	873,612	Dec. 10	2679	564-5	131	1631
Rothgiesser, Georg, Berlin, Germany. Motor-vehicle.....	854,432	May 21	4154	860-1	128	1132
Rothman, David, et al. (See Rautbord, Zebulon, assignor.)						
Rothrock, James H., Lock Haven, Pa. Attachment for barrels.....	871,635	Nov. 19	3118	773	131	876
Rothschild, Sidney, New York, N. Y. Telautophone.....	874,868	Dec. 24	5216	1099-1100	131	2107
Rothweiler, Harvey N., Seattle, Wash. Non-refillable bottle.....	845,579	Feb. 26	5664	1200	126	3315
Rotman, George. (See Emmerich, Martin, assignor.)						
Rotter, Max, assignor to Allis-Chalmers Company, Milwaukee, Wis. Blade-fastening.....	875,629	Dec. 31	6855	1430	131	2378
Rottkamp, Johann Cologne, Germany. Horseshoe.....	863,654	Aug. 20	2445	672-3	129	2909
Rottmann, Walter, Berlin Germany. Apparatus for the mechanical clarification of fluids.....	839,892	Jan. 1	178	40	126	50
Rouillard, Charles C., Montreal, Quebec, Canada. Trimming weight for steamboats and the like.....	844,405	Feb. 19	3104	666	126	2641
Rounds, Herbert G., Bay City, Mich. Building-block.....	852,578	May 7	417	76	128	111
Rounds, Herbert G., Bay City, Mich. Block-making plant.....	852,579	May 7	419	77-8	128	111
Roundy, Abial B., Winslow, Me. Cow-tail holder.....	853,996	May 21	3310	681	128	918
Rountree, Henry W., assignor of one-half to H. W. Cottrell, Richmond, Va. Trunk.....	851,033	Apr. 23	4044	974	127	2884
Rourke, Joseph D., and G. J. A. Baddett, New York, N. Y. Vehicle.....	840,588	Jan. 8	1626	357	126	459
Rourke, James, Independence, Kans. Well-drilling machine.....	854,606	May 21	4477	932	128	1212
Rouse, Charles, Pittsburg, Pa. Support for conveyer-belts.....	841,053	Jan. 8	2530	552	126	687
Rouse, Charles, Pittsburg, Pa. Support for conveyer-belts.....	841,096	Jan. 8	2629	575	126	713
Rouse, Frederick, Honolulu, Hawaii. Sea-anchor.....	852,201	Apr. 30	7040	1470	127	3517
Rouse, Harry B., Chicago, Ill. Registering device.....	872,685	Dec. 3	773	161	131	1290
Rouse, Thomas W. (See Bryant, William A., assignor.)						
Rouse, W. L. (See Lloyd and Brash, assignors.)						
Roush, Elias B., Canton, Ohio. Curtain-stretcher frame.....	863,223	Aug. 13	1814	488	129	2681
Rousseau, Canfield J., New York, N. Y. Rotary explosion-engine.....	858,912	July 2	939	245	129	323
Rousseau, Oriel D., Seymour, Iowa. Automatic pump for rubber tires.....	863,095	Aug. 13	1603	431	129	2613
Roussel, Willis J., New Orleans, La. Loose-leaf binder.....	842,708	Jan. 29	5979	1261	126	1671
Rousselle, Andre A. (See Frigon, Louis T., assignor.)						
Routh, Clarence E., Clark, S. D. Closet.....	864,994	Sept. 3	366	98	130	115
Routin, Joseph L., Lyon, France. Controlling electric-power-distributing systems.....	840,013	Jan. 1	432	93-4	126	117
Routin, Joseph L., Lyon, France. Means for controlling electric-current-distributing systems.....	860,572	July 16	3456	950	129	1208
Routt, Hiram, Dallas Center, Iowa. Brick-mold.....	839,962	Jan. 1	325	71	126	89
Routt, Hiram, Dallas Center, Iowa. Post-mold.....	840,964	Jan. 8	2357	517	126	642
Roux, Charles J., Pantin, France. Domestic and industrial heating appliance.....	858,105	June 25	5242	1111-12	128	3124
Roux, Charles J., Paris, France. Apparatus for consuming smoke in stoves and furnaces.....	858,106	June 25	5244	1112	128	3124
Roux, George L., Fernandina, Fla. Razor.....	847,609	Mar. 19	3794	831	127	1019
Row, Reuben R., assignor to James Reilly Repair and Supply Company, Jersey City, N. J. Means for coiling pipes or tubes.....	865,803	Sept. 10	1623	460	130	527
Rowan, Harry B., North Attleboro, Mass. Jeweler's cutting-pliers.....	854,433	May 21	4155	861	128	1133
Rowan, Lloyd, Shawneetown, Ill. Boiler.....	872,456	Dec. 3	293	59	131	1214
Rowan, Theodore D., assignor of one-half to L. B. Dozier, Columbia, S. C. Combined spirit-level and gage.....	875,462	Dec. 31	6432	1344	131	2324
Rowbotham, John, Philadelphia, assignor to J. Boyd, Haverford, Pa. Valve construction for pumps.....	851,182	Apr. 23	4942	1039	127	2958
Rowe, Arthur C., New York, N. Y. Bucket-and-tank fire-extinguisher system.....	875,289	Dec. 31	6093	1271	131	2269
Rowe, Byron W., Plymouth, Wis. Railway-signal.....	865,433	Sept. 10	1043	297-8	130	346
Rowe, Daniel H., Greenup, Ill. Cylinder-boring device.....	865,533	Sept. 10	1222	348	130	400
Rowe, Edward, Indiana, Pa. Step-ladder brace.....	847,205	Mar. 12	2977	656	127	782
Rowe, Edward, Indiana, Pa. Tower-clock.....	872,200	Nov. 26	4324	1032-3	131	1093
Rowe, George F., Bangor, Me. Pulp-wood chipper.....	845,198	Feb. 26	4927	1045	126	3133
Rowekamp, Frank A., Witaka, Minn. Hay-baler.....	872,850	Dec. 3	1128	238	131	1343

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Rowell, Edward N., and J. Little, assignors to E. N. Rowell Company, Batavia, N. Y. Paper-box machine	844,190	Feb. 12	2626	562-5	126	2482
Rowell, George W., Hollis, Okla. Ter. Double-ended wrench	850,493	Apr. 16	3614	756	127	2584
Rowell, John S. (See Rowell, Samuel W., assignor.)						
Rowell, Lewis D., assignor to Cutler Hammer Clutch Company, Milwaukee, Wis. Magnetic clutch	859,523	July 9	1855	499-500	129	655
Rowell, Samuel W., assignor of one-half to J. S. Rowell, Beaver Dam, Wis. Grain-drill attachment	860,695	July 23	3668	1005	129	1309
Rowell, William F., Salem Depot, N. H. Attachment for squares	848,399	Mar. 26	5383	1174	127	1443
Rowell, William G., Bridgeport, Conn. Water-faucet	842,017	Jan. 22	4466	960	126	1254
Rowland, Dentler, Louisville, Ill. Washing-machine	868,129	Oct. 15	1434	403	130	1794
Rowland, Irven E. (See Purtle and Rowland.)						
Rowland, L. D., et al. (See Andrews, William, assignor.)						
Rowland, Thomas, Coraopolis, Pa. Vehicle-wheel	863,451	Aug. 13	2132	574	129	2781
Rowland, Thomas F. (See Hill, Warren E., assignor.)						
Rowlee, Clarence M., et al. (See Moore, Marion, assignor.)						
Rowley, John T., assignor one-half to J. H. Wild, Philadelphia, Pa. Locking attachment for milk-bottles	862,587	Aug. 6	827	220	129	2340
Rowley, Joseph, Ossett, England. Mechanical piano-player	843,108	Feb. 5	563	117	126	1938
Rowley, Lloyd E., Jewell, Kans. Dental pliers	862,588	Aug. 6	828	220	129	2340
Rowley, Robert, New York, N. Y. Lamp-socket	860,153	July 16	2826	772	129	1001
Rowntree, Harold, assignor to Burdett-Rowntree Manufacturing Company, Chicago, Ill. Car door and step operating mechanism	870,051	Nov. 5	277	75	131	94
Rowsey, Adam S., Helmsville, Mont. Wheeled scraper	860,994	July 23	4149	1136-7	129	1464
Roy, Avila J., assignor one-half to A. Z. Trachy, Providence, R. I. Automatic electric signaling device	862,589	Aug. 6	828	220-1	129	2340
Roy, Edward H., and J. A. Burton, Nashville, Tenn. Buckle	844,540	Feb. 19	3393	731	126	2712
Roy, John H. (See Reed, Benjamin H., assignor.)						
Roy, Louis A. (See Edison, Charles F., assignor.)						
Roy, William M. (See Collins, Dave W., assignor.)						
Royal Battery Company. (See Gernsback, Hugo, assignor.)						
Royal, Charlton H. (See Taluan, Julius, assignor.)						
Royal, Charlton H., et al. (See Welsh, William H., assignor.)						
Royal Embroidery Works. (See O'Neill, Thomas, assignor.)						
Royal Furniture Company. (See Dennis, Alfred A., assignor.) (Reissue.)						
Royal Gas Heating Company. (See Gibson and Royal, assignors.)						
Royal Glass Jar and Bottle Company. (See Craig, Alvin M., assignor.)						
Royal, James V. (See Gibson and Royal.)						
Royal Typewriter Company. (See Hess, Edward B., assignor.)						
Royal Typewriter Company. (See MacGuffie, James R., assignor.)						
Royce, Charles A., Springfield, Mass., assignor to Troy Laundry Machinery Company, Limited, Troy, N. Y. Collar-tipping machine	862,665	Aug. 6	941	253	129	2374
Royden Marble Machinery Company. (See Peirce, John R., assignor.)						
Royer, George F. (See Kelly and Royer.)						
Royer, Henry C., Terminal Island, Cal. Ignition apparatus for explosion-engines	847,296	Mar. 12	3138	691	127	823
Royle, John, Jr., Paterson, N. J. Piano-machine head for punching jacquard-cards	842,496	Jan. 29	5510	1166-8	126	1559
Royle, Vernon and V. E., Paterson, N. J., and J. Whitehead, Philadelphia, Pa.; said Whitehead assignor to John Royle & Sons, Paterson, N. J. Mechanism for punching jacquard-cards	862,019	July 30	5719	1588-9	129	1990
Royle, Vernon E. (See Royle and Whitehead.)						
Royle, Vernon E., Paterson, N. J. Combined jig-saw and drill	855,814	June 4	718	148-9	128	1877
Royle, Vernon E., Paterson, N. J. Machine for repeating jacquard-cards	858,700	July 2	684	181-2	129	237
Royle, John, Sherman, Tex. Combination device	850,255	Apr. 16	3154	659	127	2466
Royster, William F. (See Fleming and Royster.)						
Rozar, Charles B., Empire, Ga. Fertilizer-distributor	846,623	Mar. 12	1845	406	127	499
Ru Ton, Hiram W., Goshen, Ind. Carpet-sweeper	843,770	Feb. 12	1845	393	126	2290
Rubber and Celluloid Harness Trimming Co. (See Graul, Fredrick, assignor.)						
Rubber and Celluloid Harness Trimming Co. (See Walker, George, assignor.)						
Rubek, Joseph. (See Brown, John I., assignor.)						
Rübel, Walter, assignor to A. Jacobsen, Hamburg, Germany. Metallic alloy or compound	864,140	Aug. 20	3173		129	3134
Rubens, Reuben, Liverpool, England. Bill-file	868,811	Oct. 22	2539	699-700	130	2161
Rubeo-Lisa, Paul, Newark, N. J. Fountain-brush	864,696	Aug. 27	4071	1131	129	3444
Rubin, Max, New York, N. Y. Buckle	873,791	Dec. 17	3028	643	131	1723
Rubin, Myer, San Diego, Cal. Drawer-guide	869,735	Oct. 29	3991	1103	130	2634
Ruble, William J. (See Batten and Ruble.)						
Ruch, George A., Sykesville, Md. Draft attachment	860,330	July 16	3095	845	129	1087
Rucker, Benjamin P., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit-breaker	856,425	June 11	1967	405	128	2226
Rücker, Karl, assignor to Deutsche Conservierungs-Gesellschaft für Nahrungs-und Genussmittel mit beschränkter Haftung, Berlin, Germany. Pitch substitute and making the same	867,757	Oct. 8	805		130	1580
Rücker, Karl, and D. J. Pickée, Berlin, Germany. Preservative. (Reissue)	12,693	Sept. 3	915		130	277
Rucker, Melville S. (See Rucker, Rufus E., assignor.)						
Rucker, Rufus E., assignor of one-half to M. S. Rucker, Longbeach, Cal. Speed-regulator	847,115	Mar. 12	2788	616	127	734
Rucker, William A., New York, N. Y. Display-cabinet for laces, &c.	866,814	Sept. 24	3174	891	130	1091
Rückert, Paul. (See Eilhauer and Rückert.)						
Ruckstuhl, John, Fishkill-on-the-Hudson, N. Y. Handle	845,666	Feb. 26	5852	1235	126	3360
Rudderow, Benjamin F., Paulsboro, N. J. Stovepipe	864,034	Aug. 20	3002	830	129	3082
Ruddick, William B., New York, N. Y. Clamp	852,681	May 7	629	121	128	164
Ruddy, Robert, Mount Vernon, N. Y. Assembling patterns on pattern-plates	840,869	Jan. 8	2162	477	126	592
Ruddy, Robert, Mount Vernon, N. Y. Apparatus for locating patterns on pattern-plates	840,870	Jan. 8	2164	477-8	126	592
Rude, Ingwald T. (See Nicholson and Rude.)						
Rude, Isadore, et al. (See Mentzer, Claude E., assignor.)						
Rude, James M., Covington, Ky. Metal lath	849,427	Apr. 9	1605	325	127	2034
Rude, James M., Covington, Ky., assignor to National Cellular Steel Company, New York, N. Y. Metal-shaping machine	849,501	Apr. 9	1775	359-60	127	2076
Rude, James M., Covington, Ky., assignor to National Cellular Steel Company, New York, N. Y. Cellular steel structure	849,502	Apr. 9	1781	360	127	2077
Rudnick, George E., Iola, Kans. Pulley for pulverizing-mills	840,162	Jan. 1	754	164	126	204
Rudnick, George E., Iola, Kans. Pulverizing-mill	872,201	Nov. 26	4325	1033	131	1093
Rudolph, Alfred J., Philadelphia, Pa. Plumber's trap	873,792	Dec. 17	3029	643	131	1727
Rudolph, George, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Production of effects on mixed goods composed of cotton and wool	873,613	Dec. 10	2680		131	1631
Rudolph, Paul, and E. Wandersleb, assignors to Firm of C. Zeiss, Jena, Germany. Telephotographic objective	873,898	Dec. 17	3244	693	131	1758

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Rudolphi, Frank, Chicago, Ill., assignor to American Can Company, New York, N. Y. Sheet-metal display can or box.	847,441	Mar. 19	3452	758	127	928
Rudolphi, Frank, Chicago Ill., assignor to American Can Company, New York, N. Y. Sheet-metal display-can.	847,972	Mar. 19	4562	1002	127	1201
Rudolphi, Frank, Chicago, Ill., assignor to American Can Company, New York, N. Y. Sap-receiving receptacle and apron.	857,964	June 25	4938	1044	128	3044
Rudolphi, Frank, Chicago, Ill., assignor to American Can Company, New York, N. Y. Sheet-metal display-can.	873,137	Dec. 10	1737	364	131	1472
Rudolphi, Frank, and C. J. Nelson, Chicago, Ill., assignors to American Can Company, New York, N. Y. Can-end-soldering machine.	846,145	Mar. 5	877	183-5	127	223
Rudolphi, Frank, and E. Brauning, Chicago, Ill., assignors to American Can Company, New York, N. Y. Sheet-metal display can or box.	846,351	Mar. 5	1254	275	127	316
Rudolphi, Frank, and E. Bräuninger, Chicago, Ill., assignors to American Can Company, New York, N. Y. Sheet-metal display can or box.	847,973	Mar. 19	4563	1002	127	1202
Rudy, Alvin E., Fort Hunter, Pa. Slate or tile roof.	866,225	Sept. 17	2282	637	130	774
Rudy, Frank, Paola, Kans. Display-rack.	845,821	Mar. 5	175	34	127	47
Rudy, J. F. (See Philippi, Benton N., assignor.)						
Rudy, Knute G., Northfield, Minn. Penholder.	867,422	Oct. 1	291	85	130	1404
Rue, Albert C. S. and O. S., Northwood, Iowa. Stack-compressor.	872,686	Dec. 3	774	161	131	1290
Rue, Ole S. (See Rue, Albert C. S. and O. S.)						
Ruebel, Walter, assignor to A. Jacobsen, Hamburg, Germany. Manufacture of alloys.	864,139	Aug. 20	3172		129	3134
Rueckert, William B., Ridgefield, N. J. Spring device.	860,331	July 16	3095	845	129	1088
Rueckheim Bros. & Eckstein. (See Eckstein, Henry G., assignor.)						
Rueckheim Bros. & Eckstein. (See Post, Nathaniel B., assignor.)						
Ruedy Bushing Company. (See Oleson, Albert, assignor.)						
Rueff, Emil, New York, N. Y. Magnesium cement and making the same.	872,375	Dec. 3	122		131	1186
Ruegg, Louis, Lewistown Mont. Bit-holder.	868,812	Oct. 22	2540	700	130	2162
Ruehmling, John H., New York, N. Y. Clothes-line support.	849,428	Apr. 9	1606	325	127	2034
Ruel, Charles H., Castle Shannon, assignor to J. W. Hinton, Ingram, Pa. Combined door-knob and key fastener.	872,376	Dec. 3	123	23	131	1186
Ruetlinger, Albert, <i>et al.</i> (See Bauer, William, assignor.)						
Ruff, Joseph H., Hollywood, Cal. Spraying-nozzle.	851,562	Apr. 23	5705	1195	127	3145
Ruff, Joseph H., Hollywood, Cal. Nozzle-holder.	854,178	May 21	3681	762	128	1069
Ruff, Solon Z., Atlanta, Ga. Pavement-block and making the same.	853,034	May 7	1365	284	128	347
Ruff, William, New York, N. Y. Combination turbine motor and muffler.	848,127	Mar. 26	4861	1061-2	127	1314
Ruffin, John A., assignor to Hammond Typewriter Company, New York, N. Y. Poly-chrome-ribbon attachment for type-writers.	846,026	Mar. 5	624	131	127	160
Rufli, Herman J., Mobile, Ala. Pavement.	863,096	Aug. 13	1604		129	2614
Ruger, Forrest E. (See Risley and Ruger.)						
Ruger Fountain Ink Pad Company. (See Chandler, Alfred B., assignor.)						
Ruger, Hugo, New York, N. Y. Illuminated sign.	849,574	Apr. 9	1906	390	127	2110
Ruger, William, Jr., Janesville, Wis., assignor to Underwood Typewriter Company, New York, N. Y. Clutch for type-writer platens.	849,751	Apr. 9	2227	457	127	2191
Ruger, William, Jr., Janesville, Wis., assignor to Underwood Typewriter Company, New York, N. Y. Platen-releasing device.	855,532	June 4	165	33	128	1736
Rugg, De Leonard, Catskill, N. Y. Broiling and toasting device.	852,624	May 7	509	92	128	131
Rugg, Walter S., New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Rotary converter system.	851,695	Apr. 30	6009	1255	127	3253
Ruggles, Clifton P., Osawatimie, Kans. Signal.	853,737	May 14	2770	570	128	746
Ruggles, Frederick W., Hudson, Mass. Feeding device for poultry.	870,849	Nov. 12	1555	427-8	131	536
Ruggles, George W., Charlotte, N. Y. Device for ventilating cars.	875,200	Dec. 31	6095	1272	131	2269
Ruggles, Wells M., Mellen, Wis. Fence-post.	857,835	June 25	4659	969	128	2975
Ruhl, Frederick A., Stockton, Cal. Lift-pump.	848,857	Apr. 2	524	104	127	1722
Ruhl, George W., Racine, Minn. Wheel.	859,337	July 9	1593	423	129	569
Ruhlin, Charles, Chicago, Ill. Toy.	861,676	July 30	5209	1431	129	1836
Ruhmann, Gustave E., Schulerburg, Tex. Portable furnace.	875,216	Dec. 31	5954	1240	131	2247
Rükonen, John. (See Salo and Rükonen)						
Rule, John A., Cincinnati, Ohio. Newspaper-vending machine.	845,199	Feb. 26	4928	1045	126	3133
Rule, John A., Cincinnati, Ohio. Coin-operated vending-machine.	871,824	Nov. 26	3503	857-8	131	967
Rulli, Peter M., and P. Pepe, New Haven, Pa. Nut-lock.	872,752	Dec. 3	914	190	131	1311
Rumble, Charles A., assignor to Bibber Manufacturing Company, Boston, Mass. Air-treating machine.	866,602	Sept. 17	2829	793-4	130	946
Rumble, Frank L., Philadelphia, Pa. Roller-skate.	862,494	Aug. 6	1235	335	129	2461
Rumely, William N. (See Walsh and Rumely.)						
Rumely, William N., and C. N. Walsh, Laporte, Ind. Governor.	841,819	Jan. 22	4083	878	126	1164
Rummel, Walter, and F. Schmidt, assignors to Firm of H. Danger, Hamburg, Germany. Machine for glazing biscuits.	858,542	July 2	301	75	129	107
Rummel, William L., South Sioux City, Nebr. Railway block system.	841,451	Jan. 15	3335	720	126	938
Rumrill, James M., Chicopee Falls, Mass. Catcher's glove or mitt.	862,760	Aug. 6	1092	294	129	2417
Rumsey, Eugene A. (See Ditton, George O., assignor.)						
Rumsey, Herbert R. (See Rumsey, John C. S. and H. R.)						
Rumsey, John C. S. and H. R., Vinland, Kans. Device for loading manure, earth, gravel, &c.	848,128	Mar. 26	4863	1062	127	1314
Rumsey, John C. S. and H. R., Vinland, Kans. Scoop.	866,736	Sept. 24	3047	859	130	1051
Rundell, Calvin J., Wayne, Nebr. Scoop and shovel grip.	842,912	Feb. 5	141	31	126	1827
Rundlett, William D., assignor to Davis & Furber Machine Company, North Andover, Mass. Carding-machine.	860,154	July 16	2828	772	129	1002
Rundlett, William D., assignor to Davis & Furber Machine Company, North Andover, Mass. Spinning-wheel.	862,201	Aug. 6	144	40	129	2129
Rundlett, William D., assignor to Davis & Furber Machine Company, North Andover, Mass. Spinning-wheel.	862,202	Aug. 6	146	41	129	2129
Rundlett, William D., assignor to Davis & Furber Machine Company, North Andover, Mass. Spinning-mule.	865,947	Sept. 10	1863	522-3	130	612
Rundlett, William D., assignor to Davis & Furber Machine Company, North Andover, Mass. Quadrant mechanism for mules.	866,307	Sept. 17	2409	672	130	815
Rundlett, William D., assignor to Davis & Furber Machine Company, North Andover, Mass. Spindle-driving mechanism for mules.	872,687	Dec. 3	775	161	131	1290
Rundorff, Theodore, Burlington, Iowa. Switch mechanism.	851,839	Apr. 30	6297	1314	127	3330
Rundqvist, John A., <i>et al.</i> (See Malmberg, Carl E., assignor.)						
Runge, Franz, assignor of two-thirds to H. Schreier and A. P. Steffen, Sheboygan, Wis. Beer-cooler.	866,071	Sept. 17	2069	577	130	707
Runge, Walter C., Camden, N. J., assignor to International Royal Phone Company, Boston, Mass. Phonogram.	850,256	Apr. 16	3155	659	127	2466
Runge, Walter C., Camden, N. J., assignor to International Royal Phone Company, Boston, Mass. Adjustable reproducer-arm for talking-machines.	860,332	July 16	3096	846	129	1088

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Runge, Walter C., Camden, N. J., assignor to International Royal Phone Company, Boston, Mass. Regulating device for motors.	869,331	Oct. 29	3342	919	130	2436
Runge, Walter C., Camden, N. J., assignor to International Royal Phone Company, Boston, Mass. Reproducing-trumpet support.	874,350	Dec. 17	4193	883	131	1906
Runge, William, assignor to Seneca Falls Manufacturing Company, Seneca Falls, N. Y. Carriage feed mechanism for lathes.	854,532	May 21	4334	896-7	128	1177
Runge, William, assignor to Seneca Falls Manufacturing Company, Seneca Falls, N. Y. Cutting-gage for lathes and other tools.	863,097	Aug. 13	1605	432	129	2614
Runner, John B., Indianapolis, Ind. Wrench.	855,135	May 28	5586	1162	128	1523
Runyan, Winfred, <i>et al.</i> (See Ruppel, Charles, assignor.)						
Runyon, Joseph, Rome, Ind. Indicating and registering device.	872,753	Dec. 3	915	190	131	1312
Runyon, Vandalia R., Plainfield, N. J. Bosom-form.	856,914	June 11	2871	601	128	2452
Rupe, John H., Williamsburg, Kans. Means for clearing bees from supers when taking surplus honey.	867,423	Oct. 1	292	86	130	1404
Rüping Max, Charlottenburg, assignor to Hülsberg & Co. Gesellschaft mit Beschränkter Haftung, Frankfurt-on-the-Main, Germany. Impregnating wood, &c. (Reissue).	12,707	Oct. 22	3152		130	2352
Ruppel, Jacob, assignor to L. Ruppel, Pittsburg, Pa. Trousers.	858,107	June 25	5246	1113	128	3124
Ruppel, Louis. (See Ruppel, Jacob, assignor.)						
Ruppel, William, Evanston, Wyo. Egg-beater.	869,736	Oct. 29	3992	1103	130	2634
Ruppert, George W., <i>et al.</i> (See Condon, Edward J., assignor.)						
Ruppert, John, Glencoe, Minn. Wagon.	845,580	Feb. 26	5666	1201	126	3315
Ruppel, Charles, assignor to J. W. Caswell and W. Runyan, North Manchester, Ind. Bolster-roll.	861,677	July 30	5210	1431	129	1836
Ruppman, Frank W., Philadelphia, Pa. Elevator-lock.	870,589	Nov. 12	1117	305-6	131	394
Rüprich, Willy, Dresden-Trachau, Germany. Labeling-machine.	864,920	Sept. 3	247	66-7	130	77
Rüprich, Willy, Dresden-Trachau, Germany. Labeling-machine.	864,921	Sept. 3	252	67	130	79
Rusby, John M., assignor to United Gas Improvement Company, Philadelphia, Pa. Water-gas apparatus.	857,760	June 25	4516	953	128	2940
Russen, Ethelbert A., Warren, R. I. Roll for finishing paper and textile goods.	843,700	Feb. 12	1718	366	126	2257
Ruse, Bert M., and H. D. Oxley, St. Paul, Minn. Mechanical motor.	854,607	May 21	4478	933-4	128	1213
Ruse, William S., Twin Bluffs, Wis. Corn-husking machine.	848,497	Mar. 26	5560	1213-14	127	1488
Rush, Amos W., Grand Rapids, Mich., assignor to Northwestern Expanded Metal Company, Chicago, Ill. Expanded-metal-splicing device.	857,307	June 18	3626	767	128	2685
Rush, Arminda B., New York, N. Y. Window-shade guide.	863,655	Aug. 20	2446	673	129	2909
Rush, Eugene, <i>et al.</i> (See Littlefield, Vernon T., assignor.)						
Rush, Felix J., New York, N. Y. Electric trimming apparatus.	844,406	Feb. 19	3106	667	126	2641
Rush, Harry A. M., <i>et al.</i> (See Littlefield, Vernon T., assignor.)						
Rush, James A., <i>et al.</i> (See Littlefield, Vernon T., assignor.)						
Rush, Martin V., Anderson, Ind. Pneumatic tire.	858,029	June 25	5079	1075	128	3080
Rushton, Kenneth, assignor to Burnham, Williams & Company, Philadelphia, Pa. Brake mechanism.	873,459	Dec. 10	2357	495	131	1578
Rusk, John. (See Hamilton, Rusk, and Robertson.)						
Russ, Howard C. (See Beach and Russ.)						
Russel, Edgar, U. S. Army. Flash-light photography.	853,035	May 7	1366	284	128	347
Russel, Howland, Milwaukee, Wis. Movable stairway.	872,457	Dec. 3	295	59-60	131	1214
Russell, Arthur G., San Diego, Cal. Air-ship.	867,083	Sept. 24	3581	1016	130	1216
Russell, Burdall & Ward Bolt & Nut Company. (See Bradford and Holden, assignors.)						
Russell, Cornelius W., Burlington, Iowa. Apparatus for liquefaction and purification of sewage.	874,542	Dec. 24	4598	966	131	2001
Russell, Daniel J., Portland, Oreg. Register.	866,737	Sept. 24	3048	859-60	130	1052
Russell, Earl F. L. (See Martin, Thomas, and Russell.)						
Russell, Edward C. (See King and Russell.)						
Russell, Elmer C. (See Spicer, Andrew J., assignor.)						
Russell & Erwin Manufacturing Company. (See Broderick, David F., assignor.)						
Russell & Erwin Manufacturing Company. (See Caley, Charles J., assignor.)						
Russell & Erwin Manufacturing Company. (See Hurd, Norman B., assignor.)						
Russell & Erwin Manufacturing Company. (See Jones, Horace K., assignor.)						
Russell & Erwin Manufacturing Company <i>et al.</i> (See Mullikin, Levin H., assignor.)						
Russell & Erwin Manufacturing Company. (See Papenfoth, Paul, assignor.)						
Russell & Erwin Manufacturing Company. (See Parker, Charles I., assignor.)						
Russell & Erwin Manufacturing Company. (See Voight, Henry G., assignor.)						
Russell & Erwin Manufacturing Company. (See Voight and Caley, assignors.)						
Russell, Francis C., Chicago, Ill. Lap-desk.	842,018	Jan. 22	4468	960	126	1255
Russell, Frank J., New York, N. Y. Electrical plug-receptacle.	840,014	Jan. 1	435	94-5	126	118
Russell, Frank J., New York, N. Y. Junction-box-cover rosette.	864,995	Sept. 3	367	98	130	116
Russell, Frank J., New York, N. Y. Multiple socket for incandescent lamps.	869,737	Oct. 29	3993	1103	130	2634
Russell, Fred J., Newberry, S. C. Medicine-receptacle.	855,984	June 4	1050	218	128	1959
Russell, George, McKeesport, Pa. Conduit.	855,985	June 4	1051	218	128	1959
Russell, George A., deceased, Worcester, Mass.; M. C. Russell, administratrix. Machine for grinding horseshoe-calks.	842,497	Jan. 29	5514	1168	126	1560
Russell, George A., deceased, Worcester, Mass.; M. C. Russell, administratrix. Lamp-protector.	857,541	June 18	4076	865	128	2799
Russell, George D., and F. H. Armistead, Baird, Tex. Harvesting apparatus.	845,581	Feb. 26	5669	1202	126	3316
Russell, Halsey W., Manchester, N. H. Sad-iron heater.	847,116	Mar. 12	2790	617	127	734
Russell, Henry F., Syracuse, N. Y. Skylight-operator.	844,691	Feb. 19	3926	830-1	126	2837
Russell, Henry M., Jr., Wheeling, W. Va. Reinforced concrete arch.	852,202	Apr. 30	7041	1470	127	3518
Russell, Henry M., Jr., Wheeling, W. Va. Mechanical movement.	860,155	July 16	2829	773	129	1002
Russell, Isaac O., <i>et al.</i> (See Russell, John A., assignor.)						
Russell, James J., and A. J. Bayley, Milwaukee, Wis. Bark-peeling machine.	871,296	Nov. 19	2409	623-4	131	765
Russell, John A., assignor of one-half to E. Schmidt, Davenport, Iowa. Means for propelling vehicles.	863,759	Aug. 20	2595	718	129	2957
Russell, John A., assignor of two-thirds to I. O. Russell and J. F. Messick, Indianapolis, Ind. Clutch.	844,407	Feb. 19	3111	667	126	2642
Russell, John J., Jr., Deepwater, Mo. Storm-shield for vehicles.	845,436	Feb. 26	5395	1146	126	3247
Russell, Joseph F., assignor of one-half to O. S. Russell, Battle Creek, Mich. Burial-case.	852,080	Apr. 30	6805	1417	127	3459
Russell, Joseph S., Clover, Utah. Plant-cutter.	866,226	Sept. 17	2282	638	130	775
Russell, Mary C., administratrix. (See Russell, George A.)						
Russell, Milo M., Eau Claire, assignor of one-half to R. C. Burger, Winter, Wis. Log or lumber car.	873,685	Dec. 10	2804	597	131	1654
Russell, Oscar S. (See Russell, Joseph F., assignor.)						
Russell, Read, Warren, Ill. Car-truck.	840,519	Jan. 8	1478	326-7	126	423
Russell, Richard, Stephen, Minn. Excavating-machine.	861,395	July 30	4790	1312-13	129	1706
Russell, Robert C., Williamsport, Pa. Index.	869,521	Oct. 29	3643	998-9	130	2529
Russell, Thomas W., and R. Saylor, Union Bridge, Md. Mail-carrier.	844,960	Feb. 19	4438	948	126	2967
Russell, William D., Houston, Tex. Discharge for tank-cars.	868,130	Oct. 15	1436	403	130	1794

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Russell, William E., Danbury, Conn. Electrical horn.....	870,198	Nov. 5	512	140	131	167
Russell, William T., Chicago, Ill. Tool-holder for lathes.....	871,892	Nov. 26	3657	891	131	991
Russia Cement Company. (See Brooks, Reuben, assignor.)						
Russo, Charles, assignor to Marconi's Wireless Telegraph Company, Limited, London, England. Apparatus for electrically indicating weight.....	842,339	Jan. 29	5145	1094	126	1458
Rust, Edwin G., Elk Rapids, Mich. Water-tube boiler.....	868,891	Oct. 22	2656	734	130	2197
Rust, William F., Joliet, Ill. Chimney-valve for hot-blast stoves.....	856,603	June 11	2298	472	128	2311
Rust, William F., Joliet, Ill. Chimney-valve for hot-blast stoves.....	860,062	July 16	2702	736	129	958
Rust, William J., Solitt, Ill. Jar-closure.....	846,760	Mar. 12	2094	459	127	563
Rustige, Frans J. H., Stockholm, Sweden. Automatic check-valve for gas and liquid conduits.....	842,019	Jan. 22	4468	960	126	1255
Rutenbeck, Lewis, Lost Nation, Iowa. Overalls.....	849,268	Apr. 2	1305	265	127	1920
Ruth, John F., St. Louis, Mo. Automatic window-closing device.....	874,900	Dec. 24	5277	1111	131	2117
Ruth, John F., and E. Preisler, St. Louis, Mo. Range.....	850,102	Apr. 9	2852	597	127	2346
Ruth, Samuel D., Beatrice, Nebr. Ink-pad.....	845,125	Feb. 26	4789	1015	126	3099
Ruth, Samuel D., Beatrice, Nebr. Paper and envelop feeding attachment for type-writers.....	857,677	June 25	4333	916	128	2893
Ruth, Samuel D., Beatrice, Nebr. Inking-pad.....	872,754	Dec. 3	917	191	131	1312
Ruth, Thomas D., assignor to R. J. Emory & Company, Newark, N. J. Spooling-machine.....	870,850	Nov. 12	1556	428	131	536
Ruthenburg, Marcus, Lockport, N. Y. Cementation process.....	872,755	Dec. 3	918	191	131	1312
Rutherford, Arthur L., Tarentum, Pa. Combined curtain-pole and curtain-shade-roller bracket.....	847,827	Mar. 19	4255	932	127	1127
Rutherford, Frank E., Dallas, Tex. Veterinary mouth-speculum.....	862,020	July 30	5721	1589	129	1991
Rutherford, Frank H., Chicago, Ill. Automatic air-brake coupling for railway-cars.....	843,701	Feb. 12	1718	366-7	126	2259
Rutherford, Frank H., Chicago, Ill. Automatic air-brake coupling for railway-cars.....	843,702	Feb. 12	1724	367	126	2259
Rutherford, Frank H., Chicago, Ill. Automatic train-pipe coupling.....	843,701	Feb. 12	2119	453-4	126	2357
Rutherford, Frank H., Chicago, Ill. Automatic air-brake coupling for railway-cars.....	845,265	Feb. 26	5057	1076	126	3165
Rutherford, Frank H., Chicago, Ill. Flexible metallic pipe.....	852,580	May 7	425	78	128	112
Rutherford, Frank H., Chicago, Ill. Automatic air-brake coupling for railway-cars.....	853,424	May 14	2122	443	128	576
Rutherford, John C., New York, N. Y. Vehicle-wheel.....	842,709	Jan. 29	5981	1261-2	126	1671
Rutherford, Robert, Montavilla, Oreg. Boat-propelling mechanism.....	841,452	Jan. 15	3338	721	126	938
Ruthven, Alfred L., Topeka, Kans. Railway signal system.....	843,703	Feb. 12	1725	367	126	2260
Ruthven, Arthur T., Topeka, Kans. Means for releasing and leading animals from stables.....	856,727	June 11	2535	521-2	128	2370
Rutledge, Henry L., Lamar, La. Tire-tightener.....	863,806	Aug. 20	2674	737	129	2982
Rütt, Heinrich, Rheydt, Germany. Can-opener.....	854,434	May 21	4156	861	128	11-3
Ruud, Edwin, Pittsburg, Pa. Storage water-heater.....	853,738	May 14	2773	570	128	747
Ruud, Edwin, Pittsburg, Pa. Thermostatic-valve-operating mechanism.....	875,217	Dec. 31	5955	1240-1	131	2247
Ruud, Edwin, Pittsburg, Pa. Gas-burner.....	875,218	Dec. 31	5958	1241	131	2247
Ruyle, S. W., et al. (See Milburn, William M., assignor.)						
Ryalls, John H., Charlottesville, Va. Self-acting spinning-mule.....	863,942	Aug. 20	2871	790-1	129	3043
Ryan, Charles N., et al. (See Ryan, John H., assignor.)						
Ryan, D. P., et al. (See Ryan, James A., assignor.)						
Ryan, David A., and H. J. Wertz, Harrisburg, Pa. Adjustable lacer.....	868,131	Oct. 15	1437	404	130	1795
Ryan, David H., Concord Depot, Va. Basket construction. (Reissue).....	12,676	July 23	4518	1236	129	1586
Ryan, Edwin T., Baltimore, Md., assignor of one-half to H. Scarborough, Chicago, Ill. Bottle-sealing machine.....	867,213	Sept. 24	3788	1070	130	1280
Ryan, Frank M. (See Dauben and Ryan.)						
Ryan, George E., New York, N. Y. Railway safety apparatus.....	850,790	Apr. 16	4177	875-6	127	2725
Ryan, George E., New York, N. Y. Automatic safety-switch.....	859,694	July 9	2130	575	129	742
Ryan, George E., New York, N. Y. Automatic safety apparatus for railways.....	866,521	Sept. 17	2707	756-7	130	909
Ryan, George F., New York, N. Y. Roof connection for vent-pipes.....	841,274	Jan. 15	2983	649	126	846
Ryan, James A., assignor of two-thirds to F. L. Keck and D. P. Ryan, Ruffs Dale, Pa. Anticorrosive composition.....	841,573	Jan. 15	3555	.....	126	995
Ryan, John G., Montreal, Quebec, Canada. Head-rest for beds.....	852,454	May 7	129	23	128	40
Ryan, John G., Montreal, Quebec, Canada. Automatic railway-switch.....	858,219	June 25	5449	1163	128	3176
Ryan, John G., Montreal, Quebec, Canada. Head-rest for beds.....	873,095	Dec. 10	1663	347	131	1459
Ryan, John H., Portland, Oreg. Electrolytic apparatus.....	841,720	Jan. 22	3860	839	126	1104
Ryan, John H., Portland, Oreg. Treating ores.....	841,721	Jan. 22	3862	.....	126	1105
Ryan, John H., assignor of two-thirds to O. B. Stubbs and C. N. Ryan, Portland, Oreg. Electromagnetic machine or concentrator.....	853,475	May 14	2224	463	128	603
Ryan, Martin M., Oberlin, Ohio. Nail-trimming device.....	853,832	May 14	2962	607	128	792
Ryan, Millie, Omaha, Nebr. Bottle-stopper.....	860,995	July 23	4151	1137	129	1464
Ryan, Philip C., assignor to Eagle Lock Co., Terryville, Conn. Padlock.....	860,333	July 16	3099	846	129	1089
Ryan, Tazwell W. (See Dorcas and Ryan.)						
Ryan, Thomas J., et al. (See Whitmarsh, Charles E., assignor.)						
Ryan, William F., assignor of two-thirds to N. A. Sullivan and L. W. Link, Cincinnati, Ohio. Soldering-iron.....	841,473	Feb. 19	3229	697	126	2673
Ryan, William J., Chester, and C. R. Burke, Overbrook, Pa. Obtaining lubricating-oil from crude oil.....	854,057	May 21	3446	710	128	951
Ryecraft, Eva L., Denver, Colo. Burglar-alarm.....	848,129	Mar. 26	4865	1062	127	1314
Ryder, Albert J. (See Lee, Bartley J., assignor.)						
Ryder, Arthur H., New York, N. Y. Sound-regulator for phonographs.....	840,089	Jan. 1	597	129	126	158
Ryder, Dudley L., Paw Paw, Mich. Hay and stock rack.....	851,777	Apr. 30	6154	1285	127	3291
Rydholm & Co., C. O. (See Nilsson, Valfrid, assignor.)						
Rynehart, Henry M., New York, N. Y. Folding shaving-brush.....	841,453	Jan. 15	3340	721	126	939
Rynek, Louis, New York, N. Y. Picture-hanging device.....	861,142	July 23	4356	1194	129	1531
Ryon, Eppa H., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Loom pick-finder.....	853,600	May 14	2469	514	128	667
Ryon, Eppa H., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Loom.....	855,815	June 4	721	149	128	1877
Ryon, Eppa H., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Warp-beam for looms.....	858,761	July 2	687	182-3	129	238
Ryon, Eppa H., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Swivel-loom.....	865,272	Sept. 3	772	221-2	130	224
Ryon, Eppa H., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Shuttle-changing mechanism for looms.....	872,254	Nov. 26	4437	1054-5	131	1110
Ryon-Hopkins Machine Company. (See Shortt, Edward G., assignor.)						
Rypkema, Gerrit, Wichert, assignor of one-half to P. J. Claussen, Chicago, Ill. Lumber-loading jack.....	873,096	Dec. 10	1665	347	131	1459
Rystrom, Charles, Rockford, Ill. Lock-nut.....	856,728	June 11	2538	522	128	2371
Rystrom, Charles, Rockford, Ill. Lock-nut.....	856,729	June 11	2539	522	128	2371
Ryther, Frank A., Chicago, Ill., assignor to International Harvester Company. Power attachment for hay-balers.....	843,631	Feb. 12	1600	338	126	2227

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S. Howes Company. (See Barbeau, Malcolm L., assignor.)						
S. Jarvis Adams Company. (See Fownes and Gardner, assignors.)						
S. Pearson & Son. (See Moir, Ernest W., assignor.)						
S. Twitchell Co. (See Twitchell and O'Connor, assignors.)						
S. A. Woods Machine Company. (See Blood, Charles W. H., assignor.)						
S. A. Woods Machine Company. (See Blood and Osteman, assignors.)						
S. F. Hayward & Company. (See Harrison, Charles, assignor.)						
S. L. Allen and Company. (See Burt and Chapin, assignors.)						
S. R. Dresser Manufacturing Company. (See Clark, James, assignor.)						
S. R. Dresser Manufacturing Company. (See Dresser, Solomon R., assignor.)						
S. R. Dresser Manufacturing Company. (See White, George H., assignor.)						
S. S. Fretz Manufacturing Company. (See Fretz and Hartzell, assignors.)						
S. S. Wenzell Machine Company. (See Van Leir, Henry W., assignor.)						
S. S. White Dental Manufacturing Company. (See Browne, Arthur W., assignor.)						
S. S. White Dental Manufacturing Company. (See Hammond, John F., assignor.)						
Saaler, Gustav, New York, N. Y. Gas-washer.	856,731	June 11	2542	523	128	2372
Saaler, Gustav, New York, N. Y. Purifying gases.	856,732	June 11	2546	523	128	2373
Saari, Jacob, Annandale, Minn. Hinge.	866,968	Sept. 24	3392	960	130	1159
Sabatelli, Joseph. (See Callmann and Sabatelli.)						
Sabel, Michael. (See Stevens, Arthur D., assignor.)						
Sabin, Belle C., Chicago, Ill. Pie-pan.	843,109	Feb. 5	563	118	126	1938
Sachs, Caroline N., Hartford, Conn. Safety-fuse indicator.	873,793	Dec. 17	3031	644	131	1723
Sachs Company. (See Reynolds, Frank D., assignor.)						
Sachs Company. (See Sachs, Joseph, assignor.)						
Sachs Company. (See Sachs and Reynolds, assignors.)						
Sachs, Joseph, assignor to Sachs Company, Hartford, Conn. Safety-fuse terminal.	852,037	Apr. 30	6743	1402	127	3443
Sachs, Joseph, assignor to Sachs Company, Hartford, Conn. Safety-fuse.	874,798	Dec. 24	5089	1071	131	2085
Sachs, Joseph, and F. D. Reynolds, assignors to Sachs Company, Hartford, Conn. Safety-fuse.	863,656	Aug. 20	2447	673	129	2909
Sachs, Joseph, and F. D. Reynolds, assignors to Sachs Company, Hartford, Conn. Safety-fuse.	874,795	Dec. 24	5082	1071	131	2084
Sachs, Joseph, and F. D. Reynolds, assignors to Sachs Company, Hartford, Conn. Safety-fuse.	874,796	Dec. 24	5084	1071	131	2085
Sachs, Joseph, and F. D. Reynolds, assignors to Sachs Company, Hartford, Conn. Safety-fuse.	874,797	Dec. 24	5087	1071	131	2085
Sachse, Ernst W. F., Hamburg, Germany. Fastener for doors, windows, and the like.	843,111	Feb. 5	566	118-19	126	1939
Sack, Abel, Ashton, Nebr. Mechanical movement.	843,110	Feb. 5	564	118	126	1938
Sack, August A., Providence, R. I. Whorl for cap spinning-frames.	872,019	Nov. 26	3960	952	131	1033
Sack, Frank, and F. A. Tyler, Smartville, Nebr. Railway cattle-guard.	870,469	Nov. 5	944	258	131	307
Sackett, Frederick E., Harvey, Ill. Elevated carrier.	847,511	Mar. 19	3582	788	127	964
Sackett, James E., Sparrow Bush, N. Y. Roller-bearing.	874,119	Dec. 17	3741	786-7	131	1829
Sackett, Jasper L., Melrose, Mass. Packing.	864,996	Sept. 3	368	99	130	116
Sackman, Charles, Jamaica, N. Y. Toy animal.	844,619	Feb. 19	3780	797	126	2800
Sackwitz, Louis, St. Louis, Mo. Fire-alarm and signaling device.	874,250	Dec. 17	5998	844	131	1874
Sadler, Arthur E., Cuthbert, Tex. Cleaning apparatus.	849,641	Apr. 9	2028	416	127	2140
Sadler, Louis E., assignor to F. H. Sadler Co., Attleboro, Mass. Bracelet-locket.	840,871	Jan. 8	2166	478	126	593
Sadorus, Samuel S., Sarilda, Idaho. Rotary engine.	865,804	Sept. 10	1626	460-1	130	528
Sadtler, Morgan D., Baltimore, Md., assignor of three-fourths to H. A. Brehm and J. B. Forrester. Locking device for beer-coolers.	852,140	Apr. 30	6931	1447	127	3489
Sadtler, Morgan D., assignor of one-half to J. B. Forrester, Baltimore, Md. Coin-testing machine.	867,304	Oct. 1	114	35	130	1349
Sadtler, Samuel P., Philadelphia, assignor to E. Johnson, Pittsburg, Pa. Composition for removing paint or varnish.	871,525	Nov. 19	2922		131	842
Saegmuller, George N. (See Mustin and Saegmuller.)						
Saegmuller, George N., Rochester, N. Y. Illuminating attachment for sights for ordnance.	859,115	July 2	1231	330	129	416
Safety Car Heating & Lighting Company. (See Dixon, Robert M., assignor.)						
Safety Car Heating & Lighting Company. (See Lungren, Charles M., assignor.)						
Safety Emery Wheel Co. (See Hyde, David B., assignor.)						
Safety Manufacturing Company. (See McGhie and Blood, assignors.)						
Saffell, Frank H., Garfield, Va. Trap for beehives.	852,907	May 7	1110	229-30	128	283
Saffold, Reuben E., Rochester, N. Y. Shoe-dauber.	856,733	June 11	2549	523	128	2374
Sagax Wood Company. (See Siegmann, William, assignor.)						
Sage, George W., Eureka, Cal. Spark-plug.	865,212	Sept. 3	681	194	130	208
Sage, Jearum A., Stryker, Ohio. Fender.	869,738	Oct. 29	3994	1103-4	130	2635
Sagee, Charles W. (See Riling and Sagee.)						
Sagee, Charles W., Philadelphia, Pa. Glass-shearing device.	859,117	July 2	1239	332	129	419
Sagehorn, Herman C., assignor of one-half to F. G. Roempler, Chicago, Ill. Elevator.	843,301	Feb. 5	961	195-6	126	2034
Sagehorn, Herman C., assignor of one-half to F. G. Roempler, Chicago, Ill. Elevator.	843,302	Feb. 5	963	196-7	126	2034
Sagendorph, Longley L., Philadelphia, Pa. Ceiling construction.	855,816	June 4	723	150	128	1878
Sager, Franklin P., Maplewood, Ohio. Clothes-drainer.	871,449	Nov. 19	2751	694	131	816
Sager, James H., Rochester, N. Y. Bicycle attachment.	848,324	Mar. 26	5242	1144	127	1411
Sager, James H., Rochester, N. Y. Means for cooling heated surfaces.	871,636	Nov. 19	3119	774	131	876
Sager, James H., assignor to J. H. Sager Company, Rochester, N. Y. Spring attachment for vehicles.	851,609	Apr. 23	5802	1213	127	3172
Sague, George, Poughkeepsie, assignor of one-half to E. G. Ackermann, Brooklyn, N. Y. Machine for cleaning or treating printers' rollers.	844,474	Feb. 19	3232	697-8	126	2673
Sague, George, Poughkeepsie, assignor of one-half to E. G. Ackermann, Brooklyn, N. Y. Machine for cleaning or treating printers' rollers.	844,475	Feb. 19	3239	699	126	2675
Sahlmann, Bengt A., and L. S. Caple, Boise, Idaho. Edge lawn-trimmer.	864,266	Aug. 27	3371	937	129	3224
Sahlsten, Nestor, Mount Iron, Minn. Clasp-knife.	852,524	May 7	291	53	128	79
Saighman, Edward S., Chicago, Ill. Electrical and thermal cupping device.	872,688	Dec. 3	778	162	131	1290
Sailer, Ernest G. (See Lomb and Sailer.)						
Saint Clair, Charles E., Star City, Ind. Weather-strip.	841,185	Jan. 15	2810	613	126	804
Saint Clair Motor Co. (See Baird, Harry D., assignor.)						
Saint Vaulry, Dargier de, Horme, assignor to La Société Nouvelle des Etablissements de l'Horme et de la Buire, Lyon, France. Feed-regulator.	866,603	Sept. 17	2830	794	130	946
Sainte-Beuve, Auguste. (See Cornilleau and Sainte-Beuve.)						
Sakovitch, Alexis, New York, N. Y., assignor to M. White, Winnipeg, Canada. Fan.	873,460	Dec. 10	2359	495	131	1578
Saks, Joseph I. (See Teague, Samuel S., assignor.)						
Sakurai, Keizo, San Francisco, Cal. Fireproof material.	852,908	May 7	1112		128	283
Sakurai, Keizo, assignor of one-third to G. Abrahamson, San Francisco, Cal. Fireproof material.	855,136	May 28	5587		128	1523

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Sala, Jacob J. (See Hutchins and Sala.)						
Salazar, Trinidad. (See Chapa, Francisco P., assignor.)						
Salem Glass Works. (See Bacon and Nelson, assignors.)						
Salen, Charles P. (See Kadow and Lyons, assignors.)						
Salisbury, Anson N., and L. M. Brackett, Clarendon, N. Y. Wagon-body.	866,685	Sept. 24	2964	840	130	1017
Salisbury, Bert E., Syracuse, assignor to Pass & Seymour, Incorporated, Solvay, N. Y. Receptacle for incandescent electric lamps.	842,020	Jan. 22	4470	960	126	1255
Salisbury, David R. and O. D., assignors to Salisbury Tire Company, Owosso, Mich. Vehicle-tire.	851,899	Apr. 30	6406	1337	127	3358
Salisbury, Henry, Brooklyn, N. Y. Sash-fastener.	842,340	Jan. 29	5148	1094	126	1459
Salisbury, Oliver D. (See Salisbury, David R. and O. D.)						
Salisbury Tire Company. (See Salisbury, David R. and O. D., assignors.)						
Sallows, Charles, Cordova, Ill. Device for keeping vehicle-boxes from rocking.	846,866	Mar. 12	2310	508	127	618
Salmon, John A. (See Murray, Alexander W., assignor.)						
Salmon, Samuel W., Mineral Point, Wis. Automatic draft-regulator.	867,839	Oct. 8	933	267	130	1618
Salmon, William C., Minneapolis, Minn. Steam cooking apparatus.	847,117	Mar. 12	2792	617	127	735
Salmon, Wilmer W., Buffalo, N. Y. Signaling system.	871,960	Nov. 26	3799	922	131	1013
Salmond, Malcolm, Baltimore, Md. Safety signal device.	863,452	Aug. 13	2133	575	129	2781
Salo, Victor M., and J. Rukonen, Chicago, Ill. Motor-boat.	873,614	Dec. 10	2681	565	131	1631
Salomon, Bernhard, assignor to Felten und Guillaume-Lahmeyerwerke Aktien-Gesellschaft, Frankfurt-on-the-Main, Germany. Current-supplying arrangement.	873,899	Dec. 17	3245	693	131	1758
Salomon, Joseph, Chicago, Ill. Chair.	844,752	Feb. 19	4054	864-5	126	2866
Salomon, Joseph, Chicago, Ill. Wire chair.	866,072	Sept. 17	2070	577-8	130	707
Salomon, Mark. (See Cameron, Edgar S., assignor.)						
Salomon, Paul. (See Nacht, Salomon, and Erzen.)						
Salow, Wilhelm, Elberfeld, Germany. Stereoscopic attachment for photographic cameras.	840,378	Jan. 1	1208	264	126	318
Salquist, Andrew G., Denver, Colo. Bed-lounge.	859,463	July 9	1768	473-4	129	626
Salsich, Neil E., Hartland, Wis. Rail-anticreper.	854,435	May 21	4157	881	128	1133
Salter, Fayette, assignor of one-half to M. Miller, Atlanta, Ga. Sash-lock.	873,794	Dec. 17	3033	644	131	1723
Salter, Louise A., administratrix. (See Salter, Samuel J.)						
Salter, Samuel J., deceased; L. A. Salter, administratrix, Niles, Cal. Register.	864,567	Aug. 27	3866	1073-4	129	3381
Salter, William A., Cedar Point, Kans. Reverse-gear for motor-vehicles.	853,120	May 7	1504	313-14	128	380
Saltiel, Josef, Vienna, Austria-Hungary. Wire brush.	864,922	Sept. 3	254	67	130	80
Saltpetersäure-Industrie-Gesellschaft, G. M. B. H. (See Pauling, Harry, assignor.)						
Salvo, Joseph T., assignor of one-half to J. C. Jaudon, Charleston, S. C. Switch.	850,059	Apr. 9	2768	581	127	2325
Salyer, Harry M., assignor to J. H. Ludwig, New York, N. Y. Automatic piano.	857,260	June 18	3527	746	128	2659
Salyer, Harry M., assignor to J. H. Ludwig, New York, N. Y. Self-playing musical instrument.	857,261	June 18	3529	746-8	128	2660
Salzer, George. (See Lunoe, Joseph, assignor.)						
Salzmann, August N., Arena, Wis. Gate.	863,943	Aug. 20	2873	791	129	3043
Sambur, Semion. (See Slattery and Sambur.)						
Sam'l C. Tatum Company. (See Mendenhall, Walter S., assignor.)						
Sammons, Ernest A., assignor to Haggard & Marcusson Company, Chicago, Ill. Corner-cap for wire-mattress frames.	851,563	Apr. 23	5707	1195	127	3445
Sammis, William P., Enterprise, Oreg. Swimming appliance.	845,266	Feb. 26	5065	1077	126	3169
Sample, Charles H., Homestead, assignor to W. Kennedy, Bellevue, Pa. Blast-furnace-charging apparatus.	857,259	June 18	3525	745	128	2659
Sample, Charles H., Homestead, assignor to T. H. Martin, Allegheny, Pa. Hoisting apparatus.	862,203	Aug. 6	148	41-2	129	2130
Sample, Isaac W., Elgin, Oreg. Mail-box.	852,298	Apr. 30	7203	1513	127	3557
Sample, Laura A., Worthington, Ind. Fruit-picker.	854,912	May 28	5123	1066	128	1409
Sampson, Erick G., assignor to Art Metal Construction Company, Jamestown, N. Y. Filing-case.	863,944	Aug. 20	2874	792	129	3044
Sampson, George P., Newton, Iowa. Draft-equalizer.	865,534	Sept. 10	1223	349	130	400
Sams, Walter, Chicago, Ill. Savings-bank.	862,282	Aug. 6	290	82	129	2173
Sams, Walter, Chicago, Ill. Savings-bank.	862,283	Aug. 6	291	82	129	2174
Samson, Edgar. (See Best, Ash, and Samson.)						
Samuel J. Shimer and Sons. (See Shimer, Elmer S., assignor.)						
Samuel J. Shimer and Sons. (See Shimer, Samuel J., assignor.)						
Samuel, Marcus R. A., assignor to Karsam Soap Company, Limited, London, England. Process of saponification.	873,615	Dec. 10	2682	565	131	1631
Samuel, Mary B., Bryn Mawr, Pa. Bottle.	874,441	Dec. 24	4382	922	131	1969
Samuel, Thomas B., Hiawatha, Kans. Chimney-cowl.	864,267	Aug. 27	3372	938	129	3225
Samuels, Barney, St. Joseph, Mo., and D. Samuels, Leavenworth, Kans. Railway-signal.	855,020	May 28	5333	1107	128	1461
Samuels, David. (See Samuels, Barney and D.)						
Samuels, Jonathan H., assignor to D. M. Sechler Carriage Company, Moline, Ill. Plow.	849,575	Apr. 9	1907	391	127	2110
Samuelson, David M., Chandlers Valley, Pa. Fertilizer-distributor.	864,863	Sept. 3	160	45	130	50
Samuelson, Frederick, Rugby, England, assignor to General Electric Company. Governing mechanism for elastic-fluid turbines.	844,753	Feb. 19	4056	865	126	2870
Samuelson, Frederick, Rugby, England, assignor to General Electric Company. Elastic-fluid turbine.	856,426	June 11	1970	405	128	2228
Samuelson, Frederick, Rugby, England, assignor to General Electric Company. Emergency-governor.	859,338	July 9	1594	423	129	570
Samuelson, Frederick, Rugby, England, assignor to General Electric Company. Governing mechanism for turbines.	861,054	July 23	4232	1159-60	129	1489
Samuelson, Frederick, Rugby, England, assignor to General Electric Company. Governing mechanism for turbines.	872,377	Dec. 3	124	23	131	1186
Samuelson, Frederick, Rugby, England, assignor to General Electric Company. Shaft-packing.	874,995	Dec. 31	5524	1153	131	2175
Samuelson, Frederick, Rugby, England, assignor to General Electric Company. Elastic-fluid turbine.	875,111	Dec. 31	5743	1198	131	2212
Sanborn, Ellet. (See Sanborn, Horace and E.)						
Sanborn, Floyd T., and C. H. Young, Youngstown, Ohio. Curb-box.	872,458	Dec. 3	301	60	131	1214
Sanborn, Frank B., Cambridge, Mass. Nozzle-piezometer.	852,581	May 7	428	78	128	113
Sanborn, Hamilton, assignor of one-half to S. F. Lindsay, Rhyolite, Nev. Fume-destroying composition.	854,533	May 21	4336		128	1177
Sanborn, Horace and E., Portland, Me. Bag-handler.	842,913	Feb. 5	142	32	126	1827
Sanchis, Enrique, Paris, France. Frame for automobiles.	858,108	June 25	5247	1113-14	128	3125
Sandberg, Joseph F., Smithfield, Utah. Beet-harvester.	842,021	Jan. 22	4471	961-2	126	1256
Sandberg, Melvin O., Granite Falls, Minn. Motor-driven farm implement.	847,026	Mar. 12	2626	577-8	127	696
Sandberg, Theodore S., Seattle, Wash. Artificial limb.	864,035	Aug. 20	3002	830	129	3082
Sandberg, William. (See Ostlund and Sandberg.)						
Sandborgh, Olof A., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system for electric vehicles.	874,869	Dec. 24	5222	1100	131	2108

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Sandel, Caleb, Powhatan, La. Shelving-tray for bottles.	874,442	Dec. 24	4383	922	131	1969
Sandell, Henry K., assignor to Mills Novelty Company, Chicago, Ill. Sheet-winder.	848,400	Mar. 26	5384	1175	127	1443
Sandell, Henry K., assignor to Mills Novelty Company, Chicago, Ill. Perforated-music-sheet feed device.	852,299	Apr. 30	7204	1513	127	3558
Sandell, Henry K., assignor to Mills Novelty Company, Chicago, Ill. Coin-actuated device for controlling the operation of coin-operated machines.	852,848	May 7	965	199	128	246
Sandell, Henry K., Chicago, Ill., assignor to Mills Novelty Company. Electric self-playing violin.	855,021	May 28	5335	1107-9	128	1461
Sandell, Henry K., assignor to Mills Novelty Company, Chicago, Ill. Electric self-playing violin.	856,604	June 11	2299	472-5	128	2312
Sandell, Henry K., assignor to Mills Novelty Company, Chicago, Ill. Electrical contact-finger.	859,524	July 9	1857	500	129	656
Sandell, Henry K., Chicago, Ill., assignor to Mills Novelty Company. Electrical self-playing instrument.	859,620	July 9	2011	542-3	129	705
Sandeman, J. C. S., <i>et al.</i> , trustees and executors. (See Brown, Andrew B.)						
Sander, Charles, Philadelphia, Pa., assignor to Palma Manufacturing Company. Frame for fancy work.	843,495	Feb. 5	1307	275	126	2120
Sander, Gustav H., (See Dieter and Sander.)						
Sander, Wilhelm, Zurich, Switzerland. Electric igniter for explosion-motors.	853,425	May 14	2124	443	128	578
Sanders, Adolph, New York, N. Y. Time-limit annunciator.	875,112	Dec. 31	5746	1198	131	2213
Sanders, Alexander, C. M. Rebman, and B. H. Sanders, Okemah, Ind. Ter. Cotton-picker's truck.	871,893	Nov. 26	3658	892	131	991
Sanders, Arville M., and S. Van Dusen, Butler, Ind., assignors of one-half to J. B. Hawkins and R. A. Haverstock. Automatic railway-crossing gate.	842,118	Jan. 22	4656	999-1000	126	1300
Sanders, Barney H., St. Louis, Mo. Boiler-stand.	860,063	July 16	2705	736	129	960
Sanders, Benjamin H. (See Sanders, Rebman, and Sanders.)						
Sanders, David P., Reading, Pa. Brick-machine.	850,676	Apr. 16	3977	831-2	127	2677
Sanders, Frank E. (See Graves, Eugene E., assignor.)						
Sanders, Henry M., Waco, Tex. Water-distributing apparatus.	854,385	May 21	4056	838	128	1109
Sanders, Ira B., Fort Worth, Tex. Stove.	864,864	Sept. 3	162	46	130	51
Sanders, Irville L., Gilroy, Cal. Grape-cutter.	866,308	Sept. 17	2411	672	130	816
Sanders, Joel, Bliss, Idaho. Wire stretcher and splicer.	857,489	June 18	3970	843	128	2770
Sanders, John C., assignor of two-thirds to G. A. Seibert and F. E. Watkins, Harrisburg, Pa. Hose-supporter.	858,473	July 2	191	45	129	72
Sanders, Joseph, Washington, D. C. Gramophone record-tablet.	850,494	Apr. 16	3614	756	127	2584
Sanders, Louis, New York, N. Y. Buckle.	847,118	Mar. 12	2794	617	127	735
Sanders, Ozro, Winchester, Ind. Lubricator for steam-engines.	842,710	Jan. 29	5985	1262	126	1672
Sanders, Walter E., Cleveland, Ohio, assignor to Mechanical Rubber Company, New York, N. Y. Packing.	856,605	June 11	2309	475	128	2313
Sanderson, Charles, Paterson, N. J. Butter-wiring apparatus.	863,881	Aug. 20	2782	765	129	3015
Sanderson, Harold W., assignor to Wall Paper Manufacturers Limited, London, England. Paper measuring and cutting machine.	854,179	May 21	3682	762-3	128	1009
Sanderson, James F. (See Watson, Bushnell, and Sanderson.)						
Sanderson, Ora, Conesville, Iowa. Potato-digger.	866,889	Sept. 24	3272	921	130	1120
Sandford, Frank A., Adams, Mass. Electric stop-motion.	867,758	Oct. 8	806	227	130	1580
Sandford, William E., Zanesville, Ohio. Skelp-charger.	863,892	Oct. 22	2657	734-5	130	2198
Sandhofer, Paul J., Flora, Ill. Flower-stand.	841,574	Jan. 15	3556	767-8	126	994
Sandias, Henry J., assignor to E. J. Knabe, Jr., Baltimore, Md. Piano-action frame.	871,894	Nov. 26	3660	892	131	991
Sandias, John H., and J. W. Darley, Jr., assignors to William Knabe & Company Manufacturing Company of Baltimore City, Baltimore, Md. Autopneumatic grand piano.	867,840	Oct. 8	935	267	130	1619
Sandleben, Wilhelm, Hamburg, Germany. Toothpick-holder.	847,828	Mar. 19	4256	932	127	1127
Sandler, Jacob, assignor to Sandler Mfg. Co., Boston Mass. Instep-support or arch-prop.	852,625	May 7	501	93	128	132
Sandler Mfg. Co. (See Sandler, Jacob, assignor.)						
Sandman, John T., assignor of one-half to F. Woerner, Philadelphia, Pa. Stopper for bottles.	848,569	Mar. 26	5706	1248	127	1525
Sandoz, Henri, Tavannes, Switzerland. Winding and setting mechanism for watches.	856,183	June 4	1411	298	128	2048
Sandrock, Jesse P., J. W. Noble, and L. O' Dell, Tylersburg, Pa.; said Noble assignor to said Sandrock and said O' Dell. Nut-lock.	869,198	Oct. 22	3114	858	130	2339
Sands, Alonzo P., assignor of one-half to A. Hrubetz, Maryville, Ill. Truck.	849,022	Apr. 2	804	166-7	127	1792
Sands, James C., Dover, N. J. Automatic coupling.	864,108	Aug. 20	3114	861-2	129	3117
Sands, Louis C., <i>et al.</i> (See Lauderbaugh, William E., assignor.)						
Sands, Thomas J., Utica, N. Y. Slug or bunch catcher for yarn.	850,400	Apr. 16	3430	719	127	2538
Sandusky, Charles, <i>et al.</i> (See Shaw, Ira C., assignor.)						
Sandvoss, Hermann, Neuss, Germany. Alarm-signal for boilers.	841,186	Jan. 15	2811	613	126	805
Sandvoss, Hermann, Neuss, Germany. Steam-trap.	842,250	Jan. 29	4961	1059	126	1409
Sandvoss, Hermann, Neuss, Germany. Release for fire-extinguishing apparatus.	843,847	Feb. 12	1987	426	126	2325
Sandwich, Frederick, Woodville, Ohio. Hoisting apparatus and transporting means therefor.	863,098	Aug. 13	1608	432-3	129	2615
Sandy Hill Iron and Brass Works. (See Packer, James W., assignor.)						
Sanford, Charles E., New York, N. Y. Clock-case.	863,882	Aug. 20	2783	705	129	3015
Sanford, Charles L., Washington, Pa., assignor of one-fourth to O. J. Morrison, Ripley, W. Va. Rolling-pin.	857,308	June 18	3626	768	128	2685
Sanford, Frank. (See Maier and Sanford.)						
Sanford, Frank W., Schenectady, N. Y., assignor to General Electric Company. Snap-switch.	863,807	Aug. 20	2675	737	129	2982
Sanford, Frank W., assignor, by mesne assignments, to Marshall Electric Manufacturing Company, Boston, Mass. Screw-driving machine.	873,900	Dec. 17	3247	693	131	1758
Sanford, Frederick G. (See Schofield, Arthur F., assignor.)						
Sanford, Hugh W., Knoxville, Tenn. Axle-lubricating mechanism.	846,056	Mar. 5	689	144	127	176
Sanford, Hugh W., Knoxville, Tenn. Axle-lubricating mechanism.	847,263	Mar. 12	3074	677	127	807
Sanford, Lazarus B., Fall River, Mass. Game-board.	843,037	Feb. 5	397	86	126	1893
Sanford, William, Vineland, N. J. Railway-truck guard.	873,795	Dec. 17	3036	644	131	1724
Sangamo Electric Company. (See Lanphier, Robert C., assignor.)						
Sangamo Electric Company. (See White, Otis, assignor.)						
Sangster, Charles T. B., Bournbrook, near Birmingham, England. Controlling device for variable-speed mechanisms.	865,805	Sept. 10	1627	461	130	529
Sanguinette, Septime S. (See Jackson, Clarence S., assignor.)						
Sanitary Appliance Company. (See Howell, Lewis O., assignor.)						
Sanitary Can Machinery Company. (See Brenzinger, Julius, assignor.) (Reissue.)						
Sanitary Carpet Cleaner Co. (See Conover, William W., assignor.)						
Sanitary Devices Manufacturing Company. (See Lotz, Augustus, assignor.)						
Sanitary Feed Bag Company. (See Kuerzi, Francis J., assignor.)						
Sanitary Manufacturing Company. (See Davis, John H., assignor.)						
Sanitary Oyster Carrier and Commission Co. (See Elledge, Forrest M., assignor.)						
Sanitary Sectional Brush Company. (See Feters, Charles A., assignor.)						

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Sanitary Sectional Brush Company. (See Rehfuß and Buch, assignors.)						
Sanitary Stopper Company. (See McAnulty, John A., assignor.)						
Sanitary Street-Flushing Machine Company. (See Cummings and Hanna, assignors.)						
"Sanitas" Aktiengesellschaft für Sanitäre & Heizungs-Anlagen. (See Aepli-Stockler, Johann J., assignor.)						
Sanker, Rudolph H., Moscow Mills, Mo. Clevis.....	859,979	July 16	2555	695	129	909
Sankey, Matthew H. P. R., Bilton, near Rugby, England. Steam-turbine.....	874,443	Dec. 24	4384	922	131	1970
Sankey, Matthew H. P. R., assignor to Melms, Pfenninger and Sankey Limited, London, England. Reversible turbine.....	871,526	Nov. 19	2923	729-30	131	842
Sanner, Edouard, St. Etienne, France. Gun.....	845,481	Feb. 26	5504	1165-6	126	3275
Santee, J. H., et al. (See McCutchan, Albert H., assignor.)						
Santen, George, assignor of three-fourths to F. J. Peterson, St. Paul, Minn. Game.....	849,857	Apr. 9	2434	497	127	2244
Santmyers, Charles A., assignor to L. F. Liveright and E. Davidson, Philadelphia, Pa. Circular independent-needle knitting-machine.....	857,836	June 25	4662	989-90	128	2976
Saponia Werke Ferdinand Boehm, Firm of. (See Braun, Wilhelm assignor.)						
Sapp, David A., Towns, Ga. Gutter-insertor.....	864,997	Sept. 3	370	99	130	116
Sapp, Isaac H., Oakland, Cal. Drumhead.....	867,675	Oct. 8	679	192	130	1540
Sapp, James E., Bainbridge, Ga. Hub.....	840,379	Jan. 1	1209	264	126	318
Sappington, Paul, assignor of two-thirds to S. E. Cragg and J. Webb, Carthage, Mo. Bed-spring.....	852,455	May 7	131	23	128	40
Sarafian, Hoveep, Yonkers, assignor, by mesne assignments, to United States Persian Carpet Company, New York, N. Y. Pile-fabric loom.....	840,257	Jan. 1	937	205-6	126	254
Sarason, David, Berlin, Germany. Head-rest for chairs.....	845,822	Mar. 5	176	34	127	47
Sardou, George P., and G. Stadlander, New York, N. Y. Display-stand.....	844,754	Feb. 19	4059	865	126	2870
Sargeant, Alan F., Norwich, England. Chemical fire-extinguisher.....	862,869	Aug. 6	1259	341-2	129	2469
Sargent, Allan C., assignor to C. G. Sargent's Sons, Westford, Mass. Drier.....	870,133	Nov. 5	400	112	131	133
Sargent, Allan C., assignor to C. G. Sargent's Sons, Westford, Mass. Water-heating device.....	873,269	Dec. 10	1984	415	131	1514
Sargent, Charles E., Chicago, Ill. Pressure-gage.....	841,454	Jan. 15	3341	721	126	939
Sargent, Charles E., Greenville, Ill. Combined swing-gate lock and support.....	842,711	Jan. 29	5986	1262	126	1672
Sargent, Charles E., Chicago, Ill., assignor to Sargent Engineering Company, Bronxville, N. Y. Apparatus for washing gas.....	872,975	Dec. 3	1370	289	131	1383
Sargent, Charles G., Graniteville, Mass. Fiber-cleaning machine.....	868,944	Oct. 22	2741	757	130	2224
Sargent & Company. (See Page, Albert A., assignor.)						
Sargent & Company. (See Page and Shaw, assignors.)						
Sargent and Company. (See Sargent, Edward R., assignor.)						
Sargent & Company. (See Shaw, John H., assignor.)						
Sargent & Company. (See Sparks, William E., assignor.)						
Sargent, Edward R., assignor to Sargent and Company, New Haven, Conn. Handle.....	852,741	May 7	737	114	128	193
Sargent, Edward R., assignor to Sargent & Company, New Haven, Conn. Handle.....	852,742	May 7	738	145	128	193
Sargent, Edward R., assignor to Sargent & Company, New Haven, Conn. Handle.....	853,192	May 7	1637	340-1	128	414
Sargent Engineering Company. (See Sargent, Charles E., assignor.)						
Sargent, Francis M., Washington, Pa. Device for fastening sewing-machines in wagons.	849,023	Apr. 2	807	167	127	1793
Sargent, Frederick G., Westford, Mass., assignor to C. G. Sargent's Sons Corporation. Apron-guide.....	870,134	Nov. 5	402	112	131	134
Sargent, Frederick G., assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Wool-washing machine.....	872,020	Nov. 26	3961	952	131	1063
Sargent, Frederick G., assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Propeller or fan.....	872,307	Nov. 26	4540	1075	131	1126
Sargent, Frederick G., assignor to C. G. Sargent's Sons Corporation, Westford, Mass. Drier.....	873,796	Dec. 17	3036	645	131	1724
Sargent, Frederick G., assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Drying-machine.....	874,901	Dec. 24	5279	1112	131	2118
Sargent, George H., Flushing, N. Y. Car-replacer. (Reissue).....	12,667	June 25	5747	1224-5	128	3257
Sargent, Howard R., Schenectady, N. Y., assignor to General Electric Company. Multipolar service-switch.....	842,978	Feb. 5	266	58	126	1859
Sargent, Howard R., Schenectady, N. Y., assignor to General Electric Company. Lamp-trimming.....	853,899	May 14	3109	637	128	828
Sargent, Howard R., Schenectady, N. Y., assignor to General Electric Company. Dial-plate for switches.....	863,808	Aug. 20	2677	738	129	2983
Sargent, James F., Jr., Grand Rapids, Mich. Wheel-fender for cars.....	851,965	Apr. 30	6560	1366	127	3396
Sargent, James T., Cleveland, Ohio. Washboard.....	842,341	Jan. 29	5149	1095	126	1459
Sargent, James T., Cleveland, Ohio. Washboard.....	859,893	July 9	2425	659	129	835
Sargent, James T., Cleveland, Ohio. Washboard.....	859,894	July 9	2426	659-80	129	835
Sargent, James T., Cleveland, Ohio. Washboard.....	859,895	July 9	2427	660	129	835
Sargent, James T., assignor to American Washboard Company, Cleveland, Ohio. Washboard.....	859,525	July 9	1858	500	129	656
Sargent, Willis H., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Weighing-scale.....	859,695	July 9	2432	575	129	742
Sargh, John, New York, N. Y. Trousers-expander.....	873,616	Dec. 10	2683	566	131	1631
Sarkees, Maroon B., assignor of two-thirds to J. P. Carroll, Philadelphia, Pa., and R. M. Cook, Washington, D. C. Curing tobacco.....	847,698	Mar. 19	3990	.....	127	1067
Sarkisian, Dickran M., Malden, Mass. Pulley-holder for curtain-poles.....	871,362	Nov. 19	2546	654	131	787
Sarkisian, Dickran M., Malden, Mass. Curtain-pole and support therefor.....	872,689	Dec. 3	780	162	131	1291
Sarnia Match Company. (See Hutchinson, William F., assignor.)						
Sartain, Louis M., assignor to W. P. Stone, Tracy City, Tenn. Rail-joint.....	841,575	Jan. 15	3557	768	126	995
Sarvalla, Matti, and P. J. Zeien, De Kalb, Ill. Combined can and jar opener.....	848,691	Apr. 2	141	30	127	1623
Sarver, Richard S., Kansas City, Mo. Massage apparatus.....	861,610	July 30	5113	1405	129	1807
Sass, Peter, Vancouver, British Columbia, Canada. Floor-polishing machine.....	843,966	Feb. 12	2215	474	126	2382
Sasse, Carl, Dresden, Germany. Roller-blind shutter for photographic cameras.....	842,251	Jan. 29	4961	1059	126	1469
Sassenhoff, Ernesto. (See Seidel and Sassenhoff.)						
Satre, Knute S., Frost, Minn. Shock-loader.....	872,459	Dec. 3	303	60-2	131	1215
Satterlee, Henry T., Elmira, N. Y. Oil-cabinet.....	862,999	Aug. 13	1449	394	129	2567
Satterthwaite, William W., Washington, N. C. Speed-regulator for pumps.....	857,490	June 18	3971	844	128	2770
Sattler, Edward, Mineral City, Ohio. Device for raising and lowering cutter-bars.....	863,883	Aug. 20	2784	766	129	3016
Sattley Stacker Company. (See Bartholomew, John B., assignor.)						
Sattelli, Quinto, Fall River, Mass. Trolley-pole.....	849,503	Apr. 9	1782	361	127	2078
Sauer, Adelbert, Pittsburg, Pa. Air-compressing system.....	869,739	Oct. 29	3996	1104-5	130	2636
Sauer, Adelbert, Pittsburg, Pa. Change-speed apparatus.....	870,997	Nov. 12	1806	492	131	615
Sauer, Adelbert, Pittsburg, Pa. Shaft-bearing.....	873,097	Dec. 10	1666	347	131	1460
Sauer, Anthony, Jr., Newark, N. J. Fabric frame for caskets.....	873,901	Dec. 17	3249	693	131	1759
Sauer, Arthur, Zwingenberg, Germany. Preparing a buttermilk substitute.....	846,697	Mar. 12	1969	.....	127	531
Sauer, Robert C., Louisville, Ky. Drafting instrument.....	858,913	July 2	941	245	129	323
Sauerbier, Anthony J., Wellsville, Ohio. Hand-stamp.....	846,915	June 11	2873	601	128	2453
Sault, John, Queensbury, N. Y. Truss.....	842,252	Jan. 29	4963	1059	126	1116
Saum, George, Jr., Sherwood, Oreg. Fruit-gatherer.....	853,833	May 14	2963	607	128	709

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Saunders, Addison T. and G. H., Akron, Ohio. Machine for winding balls	859,116	July 2	1233	331	129	417
Saunders, Augustus M., McKeesport, assignor to National Tube Company, Pittsburg, Pa. Pipe-joint	853,900	May 14	3110	637	128	828
Saunders, Charles, Saginaw, Mich. Chimney top or ventilator	864,865	Sept. 3	163	46	130	51
Saunders, Charles A. L., Elgin, Ill. Scouring-wheel or the like	864,923	Sept. 3	255	67-8	130	81
Saunders, Charles R., and A. B. Breitweg, Cleveland, Ohio. Guard for tires	857,365	June 18	3737	791	128	2712
Saunders, Crockett L., Fowler, S. C. Fence	867,759	Oct. 8	807	228	130	1580
Saunders, Daniel G., Jr., Kansas City, Mo. Sash-lock	866,073	Sept. 17	2072	578	130	708
Saunders, Edward M., Malden, assignor of one-fourth to W. G. Payson, Boston, Mass. Washboard	872,308	Nov. 26	4541	1076	131	1127
Saunders, George B. (See Saunders, William M., W. G., G. B., and S. Q.)						
Saunders, George H. (See Saunders, Addison T. and G. H.)						
Saunders, Oscar S., Brockton, Mass. Slipper	871,187	Nov. 19	2158	576	131	727
Saunders, Richard E., London, England. Separation of metals from their ores	844,620	Feb. 19	3781	797-8	126	2800
Saunders, Samuel Q. (See Saunders, William M., W. G., G. B., and S. Q.)						
Saunders, Wesley G. (See Saunders, William M., W. G., G. B., and S. Q.)						
Saunders, William J. (See Smith, Joseph M., assignor.)						
Saunders, William L., assignor of two-thirds to D. K. Hickey, Denver, Colo. Device to disclose opening of the shunt-circuits of electric meters	846,624	Mar. 12	1846	406	127	500
Saunders, William L., assignor of two-thirds to D. K. Hickey, Denver, Colo. Attachment for electric meters	858,474	July 2	192	45	129	72
Saunders, William L., assignor of two-thirds to D. K. Hickey, Denver, Colo. Device to disclose shunting of the circuits around electric meters	871,238	Nov. 19	2270	596	131	745
Saunders, William M., W. G., G. B., and S. Q., Richland, Oreg. Water-wheel	872,202	Nov. 26	4328	1033-4	131	1093
Saunderson, Herbert P., Bedford, England. Motor-vehicle for agricultural purposes	872,255	Nov. 26	4441	1055-6	131	1110
Saunderson, Sauder, Northwood, N. D. Pocket-knife	847,206	Mar. 12	2978	656	127	783
Saundry, Henry, New York, N. Y. Hat-guard	853,121	May 7	1506	314	128	380
Saurer, Adolph. (See Kunkel, Anton, assignor.)						
Saurer, Firm of Adolph. (See Mayer, Heinrich, assignor.)						
Sausser, John M., Osnaburg, Ohio. Flow-depth regulator	847,512	Mar. 19	3585	788	127	964
Sauter, Carl, Baltimore, Md. Repeating action for upright pianos	854,058	May 21	3447	710	128	951
Sauter, Herman, assignor to H. I. Nager, Chicago, Ill. Paper-interleaving machine	867,159	Sept. 24	3696	1045-8	130	1254
Sautter, Ernest, Paris, France. Means for closing receptacles	852,981	May 7	1255	259	128	319
Sauvage Safety Brake Company. (See Parker-Smith, Augustus, assignor.)						
Sauvage Safety Brake Company. (See Sauvage, William H., assignor.)						
Sauvage, William H., New York, N. Y. Fluid-pressure brake	839,893	Jan. 1	181	41	126	51
Sauvage, William H., New York, N. Y., assignor to Sauvage Safety Brake Company. Fluid-pressure brake	842,424	Jan. 29	5352	1133	126	1518
Sauvage, William H., New York, N. Y., assignor to Sauvage Safety Brake Company. Fluid-pressure brake	842,425	Jan. 29	5355	1133-4	126	1519
Sauvage, William H., New York, N. Y., assignor to Sauvage Safety Brake Company. Fluid-pressure brake	852,525	May 7	292	53	128	79
Sauvage, William H., New York, N. Y., assignor to Sauvage Safety Brake Company. Fluid-pressure brake	852,526	May 7	294	53-4	128	80
Sauvage, William H., New York, N. Y., assignor to Sauvage Safety Brake Company. Fluid-pressure brake	852,527	May 7	296	54	128	81
Sauvage, William H., assignor, by mesne assignments, to Atlas Slack Adjuster Company, New York, N. Y. Slack-adjuster	860,249	July 16	2971	812	129	1047
Sauvage, William H., assignor, by mesne assignments, to Atlas Slack Adjuster Company, New York, N. Y. Slack-adjuster	867,676	Oct. 8	680	192-3	130	1541
Sauvage, William H., assignor, by mesne assignments, to Atlas Slack Adjuster Company, New York, N. Y. Slack-adjuster	867,677	Oct. 8	684	193	130	1542
Sauvage, William H., assignor, by mesne assignments, to Atlas Slack Adjuster Company, New York, N. Y. Slack-adjuster	867,678	Oct. 8	686	193	130	1543
Savage Arms Company. (See Chadwick, Frank C., assignor.)						
Savage, Arthur C., Schenectady, N. Y., assignor to General Electric Company. Fuse-box of molded insulation	854,846	May 28	4975	1035	128	1369
Savage, Charles E., Groveton, N. H. Sulfur-burner	841,576	Jan. 15	3558	768	126	995
Savage, Columbus W. (See Ellis, William J., assignor.)						
Savage, Edward S., Brooklyn, assignor to American Chemical Manufacturing & Mining Company, Rochester, N. Y. Device for detaching box-covers	847,374	Mar. 19	3317	727	127	894
Savage, Ernest L., Fairfield, Me. Means for guiding a moving web or apron	855,482	June 4	78	17	128	1715
Savage, Frederic W. (See Anderson, Adelbert H., assignor.)						
Savage, George B., Oak Grove, Cal. Beeswax separator and purifier	871,046	Nov. 12	1872	512	131	635
Savage, George E., and J. R. Marchesseault, assignors to Manning, Bowman & Co., Meriden, Conn. Beater or mixer	871,895	Nov. 26	3661	892	131	992
Savage, George E., and J. W. Chapman, assignors to Manning, Bowman & Company, Meriden, Conn. Chafing-dish	850,401	Apr. 16	3432	719	127	2539
Savage, Harley G., Fort Worth, Tex. Hanger for draw-heads	842,253	Jan. 29	4963	1060	126	1410
Savage, M. W. (See Sprague, Newton C., assignor.)						
Savage, Orrin H., New York, N. Y., assignor to Oakville Company, Waterbury, Conn. Device for applying sterilizers to mouthpieces	840,662	Jan. 8	1756	386	126	494
Savage, Richard J., Chicago, Ill. Heating apparatus	863,657	Aug. 20	2448	673-4	129	2910
Savastano, Antonio, New York, N. Y. Lady's comb with adjustable ornament	857,113	June 18	3259	685	128	2591
Savelsberg, Adolf, Aachen, Germany. Roasting sulfurous ores	870,690	Nov. 12	1295	.....	131	455
Savidge, John H., Bloomington, Ill. Puzzle	867,841	Oct. 8	936	267	130	1619
Savidge, Matthew, Deloit, Nebr. Veterinary forceps	840,380	Jan. 1	1211	264	126	318
Saville, Alfred W., assignor to Western Electric Company, Chicago, Ill. Magnetic clutch	845,126	Feb. 26	4790	1015	126	3099
Savory, Percy H., New York, N. Y. Paper for water-closet purposes	858,418	July 2	84	23	129	29
Savoye, Emile, Paris, France. Corset	845,582	Feb. 26	5673	1202	126	3317
Sawaya, George K. (See Sweet and Sawaya.)						
Sawdey, Thomas E. (See Gould, Edwin J., assignor.)						
Sawdon, Thomas T., San Francisco, Cal. Oil-filter	840,381	Jan. 1	1212	264	126	319
Sawdy, Orville H., Iola, Kans. Toy crossbow	840,015	Jan. 1	438	95	126	118
Sawin, George A., Swampscott, Mass., assignor to General Electric Company. Electric meter	863,224	Aug. 13	1815	488	129	2682
Sawtell, Charles F., Manchester, N. H. Firearm	859,845	July 9	2351	638	129	814
Sawtell, Leon P., T. S. Field, and G. G. Crouch, Atlanta, Ga. Horseshoe	867,084	Sept. 24	3584	1016	130	1216
Sawtelle, Henry F., Leominster, Mass. Fire-extinguisher	861,320	July 30	4652	1272	129	1662
Sawtelle, William H. (See Mehl, Walter B., assignor.)						
Sawyer, Ernest A., Chiltonville, Mass. Kettle-cover knob	867,842	Oct. 8	936	267	130	1619
Sawyer, Ezra H., Vineland, N. J., assignor to Burt Machine Company. Machine for applying identification-marks to cans	867,928	Oct. 8	1081	306	130	1665
Sawyer, Frank M., Charlotte, N. C., assignor to American Roofing Tile Company. Building-block. (Reissue)	12,698	Oct. 1	511	146	130	1472

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er, Frank P., Muscatine, Iowa, assignor to American Pearl Button Company. Dis-						
y-rack	856,809	June 11	2679	553	128	2407
er, Harry, Muskegon, Mich. Resistance-card	841,054	Jan. 8	2531	552-3	126	687
er, Harry, Muskegon, Mich. Electric controller	842,342	Jan. 29	5150	1095-7	126	1460
er, Harry, Muskegon, Mich. Electric switch	846,625	Mar. 12	1847	407	127	500
er, Harry B., Cleveland, Ohio. Trolley-wheel	862,350	Aug. 6	392	109	129	2206
er, Isaac F., Mesa, Colo. Bee-knife	865,062	Sept. 3	476	131	130	144
er, Orren A., assignor to E. A. Thissell, Lowell, Mass. Harness-loosener of looms	871,096	Nov. 12	1958	536-7	131	661
er, Rufus H., Malden, Mass. Loom	862,351	Aug. 6	393	109	129	2206
er Spindle Company. (See Knight, George W., assignor.)						
er, Sumner O., Traverse City, Mich. Lawn-trimmer	851,840	Apr. 30	6299	1314	127	3330
John G., assignor of one-half to R. J. Close, Port Huron, Mich. Gage-cock	865,535	Sept. 10	1224	349	130	401
in, Andrew L., Soso, Miss. Automatic truck brake appliance	853,122	May 7	1508	314	128	380
in, James W., Tecumseh, Okla. Ter. Window-shade holder	859,339	July 9	1596	423	129	570
in, Thomas G., assignor of fifty-one one-hundredths to C. J. Bronston, Lexington,						
y. Preparing fibers	845,267	Feb. 26	5066	1077	126	3169
on, William M., P. J. Henselwood, and A. A. Johnson, Portage la Prairie, Mani-						
ba, Canada. Track-laying machine	866,390	Sept. 17	2533	706	130	854
or, John H., et al. (See Hinton, William C., assignor.)						
ers, Farley P., Guthrie, Tex. Pump-rod attachment	866,815	Sept. 24	3174	891	130	1091
ers, Pette N., Pontoosuc, Ill. Equalizer	866,816	Sept. 24	3175	891-2	130	1091
ers, Pette N., Pontoosuc, Ill. Oiling apparatus	867,160	Sept. 24	3703	1048	130	1256
ers, Thomas J., West Philadelphia, Pa. Car-fender	853,123	May 7	1510	314	128	381
ers, William B., Glasgow, Scotland. Turbine	860,573	July 16	3459	951	129	1209
ler, Reuben. (See Russell and Sayler.)						
lor, Howard D., Philadelphia, Pa. Insulating-machine	865,612	Sept. 10	1345	381-2	130	440
re, George. (See Bruckner and Sayre.)						
re, George W., Stevens, W. Va. Safety device for cars	869,658	Oct. 29	3869	1059-60	130	2598
re, George W., Stevens, W. Va. Car-door	873,175	Dec. 10	1817	381	131	1484
re, Lewis W., Byesville, Ohio. Rail-joint	845,482	Feb. 26	5507	1166	126	3275
re Scissors and Shears Company. (See Sayre, Thomas S., assignor.)						
re, Thomas S., assignor to Sayre Scissors and Shears Company, Cape May, N. J. Scis-						
ors or shears	867,607	Oct. 8	585	166	130	1512
aglia, Luigi. (See Pattison and Scaglia.)						
ales, Eldridge E., Braddock, Pa. Wrench	865,127	Sept. 3	556	155	130	169
ales, James, New York, N. Y. Damper-regulator	860,413	July 16	3222	881	129	1129
alf, Daw W., Laifollette, Tenn. Cradle	860,156	July 16	2832	773-4	129	1003
ammel, H. D. (See Hughes, Hugh T., assignor.)						
ammel, Charles H., New York, N. Y., assignor to New Jersey Wire Cloth Company,						
Trenton, N. J. Centering construction	856,371	June 11	1852	381	128	2199
ammel, Charles H., New York, N. Y., assignor to New Jersey Wire Cloth Company,						
Trenton, N. J. Clamping device for building constructions	875,219	Dec. 31	5959	1241	131	2248
anlan, Joseph F., New York, N. Y. Brush for cleaning horses. (Reissue)	12,662	June 18	4137	876	128	2810
Scanlan, Marcellus J. (See Blair and Scanlan.)						
Scanlan, Marcellus J., Keystone, S. D. Bed	858,475	July 2	192	46	129	72
Scanlan-Morris-Company. (See Scanlan, Sam G., assignor.)						
Scanlan, Sam G., assignor to Scanlan-Morris-Company, Madison, Wis. Surgeon's oper-						
ating-table	866,309	Sept. 17	2411	672-3	130	816
Scanling, Frank W. (See Frink and Scanling.)						
Scanlon, Patrick J., Newark, N. J. Chain-snap	856,606	June 11	2310	475	128	2313
Scanlon, Thomas F., Allegheny, Pa. Bed attachment	866,522	Sept. 17	2709	757	130	909
Scarborough, Ezen H. (See Murray, Joel S., assignor.)						
Scarborough, Henry. (See Ryan, Edwin T. assignor.)						
Scates, Tobe, McKenzie, Tenn. Churn	859,340	July 9	1597	424	129	571
Scatterday, William F., and J. L. Porter, Columbus, Ohio. Gas-burner	863,658	Aug. 20	2450	674	129	2910
Scenic Novelty Company. (See Citron, William J., assignor.)						
Schaad, Clarence A., Williams, Cal. Seal box-fastener	849,269	Apr. 2	1305	265	127	1921
Schaaf, Adolph J., Pittsburg, Pa. High-pressure steam-generator	872,378	Dec. 3	127	23	131	1187
Schaaf, Charles, Washington Heights, Ill. Oil-can	842,022	Jan. 22	4476	962	126	1257
Schaaf, George. (See Kassahn and Schaaf.)						
Schaaff, John T., Washington, D. C., assignor to Underwood Typewriter Company, New						
York, N. Y. Key-action for type-writing and other key-operated machines	842,586	Jan. 29	5681	1202	126	1598
Schaal, Karl, Seward, Nebr. Gooseberry-picker	847,829	Mar. 19	4257	932	127	1128
Schaal, Karl, Seward, Nebr. Harrow attachment	856,916	June 11	2874	601	128	2453
Schabinger, Charles H., Detroit, Mich. Gear-transmission mechanism	850,257	Apr. 16	3157	660	127	2469
Schachner, Edward E., Denver, Colo. Fireproof stair structure	844,408	Feb. 19	3111	667	126	2642
Schachner, Edward E., Denver, Colo. Construction of steps for staircases	844,409	Feb. 19	3114	667-8	126	2643
Schachner, Edward E., Denver, Colo. Fireproof stair structure	863,760	Aug. 20	2596	718	129	2957
Schachner, Edward E., Denver, Colo. Stair construction	870,905	Nov. 12	1649	453-4	131	566
Schachner, Edward E., Denver, Colo. Fireproof stair structure	875,113	Dec. 31	5747	1198	131	2213
Schackner, John A., assignor of one-fourth to E. Velsor, New York, N. Y. Dining-table	872,256	Nov. 26	4442	1056	131	1110
Schad, John L., assignor of one-half to O. W. Carter, Fortuna, Mo. Ratchet-wrench	858,030	June 25	5080	1075	128	3080
Schade, Edmund A., assignor to Stanley Rule & Level Company, New Britain, Conn.						
Miter-box saw-guide	851,841	Apr. 30	6300	1314	127	3331
Schade, Henry C. (See Blagg, Thomas J., assignor.)						
Schade, John, Jr. (See Flinker and Schade.)						
Schade, John, Jr., New York, N. Y. Loose-leaf binder	853,901	May 14	3112	637	128	829
Schade, John, Jr., Brooklyn, N. Y., assignor to Fahnestock Electric Company. Spring						
terminal-clip	845,268	Feb. 26	5068	1077	126	3169
Schade, John, Jr., Brooklyn, N. Y., assignor to Fahnestock Electric Company. Spring						
terminal-clip. (Reissue)	12,642	Apr. 23	5875	1228	127	3187
Schadle, Jacob E., St. Paul, Minn. Pneumatic brush	869,023	Oct. 22	2858	789	130	2259
Schaefer, Adolph A., et al. (See Weston, Milton T., assignor.)						
Schaefer, Albert, assignor to National Enameling & Stamping Company, St. Louis, Mo.						
Lid for coffee-pots and similar articles	847,375	Mar. 19	3317	728	127	894
Schaefer, Arthur E. (See Dow, Gates, and Schaefer.)						
Schaefer, August C., assignor of one-half to W. P. Chrysler, Oelwein, Iowa. Packing for						
piston-rods	871,068	Nov. 12	1899	520	131	644
Schaefer, Casper, Cambridge City, Ind. Combination heater and radiator	863,318	Aug. 13	1952	526	129	2723
Schaefer, E. (See Yearwood, Byrd O., assignor.)						
Schaefer, Frederic, Wilkinsburg, Pa. Controller for electric motors	846,626	Mar. 12	1849	407	127	500
Schaefer, George A., et al. (See McCormick and Miller, assignors.)						
Schaefer, Henry H., et al. (See McCormick and Miller, assignors.)						
Schaefer, Nicklaus J., Ardmore, S. D. Fence-post	841,055	Jan. 8	2534	553	126	688
Schaefer Nikolaus St. Francis, Wis. Folding ladder	851,696	Apr. 30	6011	1255	127	3253

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Schaeffer, Edgar A., <i>et al.</i> (See Schaeffer, Lester A., assignor.)						
Schaeffer, Ernst, Rixdorf, near Berlin, assignor to H. Gratta, Berlin, Germany. Measuring instrument.	854,762	May 28	4807	999	128	1323
Schaeffer, Jacob, Dayton, Ohio. Hydraulic motor.	851,255	Apr. 23	5097	1072-3	127	2994
Schaeffer, John S., Brookville, Pa. Cross-tie.	857,907	June 25	4801	1019	128	3009
Schaeffer, Lester A., Dayton, assignor of two-fifths to E. A. Schaeffer and B. D. Annwalt, Cleveland, Ohio. Cigar-machine.	859,980	July 16	2556	696-8	129	909
Schaeffer, Lester A., Dayton, assignor of two-fifths to E. A. Schaeffer and B. D. Annwalt, Cleveland, Ohio. Machine for making cigars.	859,981	July 16	2563	698-701	129	912
Schaeffer, Lester A., Dayton, assignor of two-fifths to E. A. Schaeffer and B. D. Annwalt, Cleveland, Ohio. Cutting-roller for cigar-making machines.	859,982	July 16	2572	701	129	916
Schaeffer, Lester A., Dayton, assignor of two-fifths to E. A. Schaeffer and B. D. Annwalt, Cleveland, Ohio. Cigar-making machine.	859,983	July 16	2574	701-2	129	916
Schaeffer, Marguerite, Indianapolis, Ind. Sand and mineral drier.	847,513	Mar. 19	3586	789	127	965
Schaeffer, William G., Reading, Pa., assignor, by mesne assignments, to Reading Standard Company. Combined luggage-carrier and stand.	865,948	Sept. 10	1865	523	130	612
Schaeffers, Joseph, New York, N. Y. Engine.	865,213	Sept. 3	682	194-5	130	208
Schaeffhold, Emile X., assignor to Gendron Wheel Company, Toledo, Ohio. Running-gear for vehicles.	859,526	July 9	1859	500	129	656
Schafer, Andrew, and G. Wance, Red Bluff, Cal. Truck.	849,270	Apr. 2	1307	265	127	1921
Schafer, August F., Kennard, Nebr. Adjustable and elastic pipe-hanger.	843,632	Feb. 12	1602	338-9	126	2228
Schafer, Christian E., Cleveland, Ohio. Hot-air deflector and dust-collector for radiators.	842,914	Feb. 5	142	32	126	1827
Schafer, Edward N., (See Fettes, Henry M., assignor.)						
Schafer, Frank, Philadelphia, Pa. Machine for making tubes.	857,678	June 25	4335	916-17	128	2894
Schafer, George F., assignor to Baker Gun & Forging Company, Batavia, N. Y. Ejector for breech-loading firearms.	858,674	July 2	547	141	129	189
Schäfer, Jehu B., London, England. Freezing-machine.	860,828	July 23	3861	1059	129	1370
Schafer, John C., McKeesport, Pa. Metallic tie.	841,899	Jan. 22	4244	914	126	1202
Schafer, Peter, Jr., Fairview, Ill. Water-gap.	850,791	Apr. 16	4179	876	127	2726
Schafer, Samuel A., Sterling, Kans. Land leveler or ridger.	853,036	May 7	1369	285	128	348
Schafer, W. L. (See Bindner, Alfred C., assignor.)						
Schafer, William J., <i>et al.</i> (See Taylor, James M., assignor.)						
Schaff, William C., and J. A. E. Friederichs, San Bernardino, Cal. Valve for fluid-pressure engines.	865,949	Sept. 10	1866	523	130	612
Schaffer, August, East Columbus, Ohio. Antibuzzing device for telephones.	859,464	July 9	1771	474	129	627
Schäffer, Christoph, Melville, N. D. Gate.	871,637	Nov. 19	3120	774	131	876
Schaffer, Frank M., Hudson, Colo. Covering for water-closet seats.	871,896	Nov. 26	3663	802	131	992
Schäffer, Karl. (See Schmalz and Schäffer.)						
Schaffner, Clarence E., Cincinnati, Ohio. Clasp for garters or the like.	844,048	Feb. 12	2359	505	126	2415
Schaffner, Emil, Wimbledon, N. D. Conveyor-apron.	845,269	Feb. 26	5072	1078	126	3170
Schairer, Otto S. (See Darlington and Schairer.)						
Schairer, Otto S., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control for electric motors.	858,476	July 2	194	46	129	73
Schalek, Alfred, Chicago, Ill. Photographic-film holder.	855,591	June 4	283	57	128	1768
Schall, Fred H., and M. Plunkett, Galesburg, Ill.; said Plunkett assignor to said Schall, Wrench.	856,660	June 11	2414	497	128	2339
Schaller, Michael D., Vernon Center, N. Y. Thill for sleighs.	860,250	July 16	2972	812	129	1047
Schalow, Frank J., New York, N. Y. Vent-valve for batteries.	844,755	Feb. 19	4061	865	126	2871
Schang, Michael, Pittsburg, Pa. Pipe-hanger.	867,760	Oct. 8	808	228	130	1381
Schantz, Edwin M., Zimmermann, Ohio. Marking apparatus.	847,610	Mar. 19	3795	832	127	1020
Schanz, Friedrich A., Dresden, Germany. Sight for guns.	849,504	Apr. 9	1783	361	127	2078
Schanz, Friedrich A., Dresden, Germany. Sight for guns.	861,396	July 30	4792	1313	129	1707
Schapler, Richard, Frankfort-on-the-Main, and C. Wasser, Nürnberg, Germany. Fire-escape.	870,998	Nov. 12	1807	492	131	615
Schappa, Albert M., Westfield, Mass. Feed-bag.	843,967	Feb. 12	2217	474	126	2383
Schardt, August. (See Sudekum, William, assignor.)						
Scharf, Gregory H., Ypsilanti, Mich. Draft-regulator for furnaces.	840,520	Jan. 8	1479	327	126	424
Scharfenberg, Oswald. (See Herzberg and Scharfenberg.)						
Scharfenberg, Oswald. (See Herzberg, Scharfenberg, and Ronus.)						
Scharnweber, William, Seattle, Wash. Ventilator.	841,455	Jan. 15	3342	722	126	939
Scharps, Albert T. (See Ashley, Frank M., assignor.)						
Schattner, Ernest, Schenectady, N. Y., assignor to General Electric Company. Electric governor.	848,925	Apr. 2	647	130	127	1753
Schattner, Ernest, Schenectady, N. Y., assignor to General Electric Company. Prepayment time-switch apparatus.	849,024	Apr. 2	808	167	127	1793
Schattner, Ernest, Schenectady, N. Y., assignor to General Electric Company. Prepayment mechanism.	863,046	Aug. 13	1513	411	129	2586
Schattner, Ernest, Schenectady, N. Y., assignor to General Electric Company. Prepayment mechanism.	863,225	Aug. 13	1816	488	129	2682
Schattner, Ernest, Schenectady, N. Y., assignor to General Electric Company. Meter.	873,098	Dec. 10	1667	348	131	1460
Schatz, Herman A. (See Schatz, John W., assignor.)						
Schatz, John W., assignor to himself and H. A. Schatz, Chappaqua, N. Y. Spool for photographic films.	864,268	Aug. 27	3373	938	129	3225
Schaub, Julius W., Chicago, Ill. Constructing sunken structures.	862,284	Aug. 6	293	82	129	2174
Schauber, John, near Church Hill, Md. Corn-cutting machine.	853,997	May 21	3311	681-2	128	918
Schauer, Ferdinand F., and J. Graff, New York, N. Y. Folding bed.	850,103	Apr. 9	2354	597	127	2346
Schauer, George K., Osborn, Ohio. Corn-planter.	845,200	Feb. 26	4930	1046-7	126	3134
Schauer, Paul, Berlin, Germany. Pneumatic cleaner.	844,410	Feb. 19	3116	668	126	2643
Schauer, Sherman C., assignor to Cincinnati Machine Tool Company, Cincinnati, Ohio. Stop mechanism for drill-presses.	857,207	June 18	3442	726	128	2638
Schaum, Otto W., Philadelphia, Pa. Loom.	863,945	Aug. 20	2875	792	129	3044
Schaumburg, Franz, assignor to A. Slussi-Widmer, Zurich, Switzerland. Machine for cutting corks.	864,198	Aug. 27	3271	906-7	129	3194
Schaun, Edward L., Baltimore, Md. Turbine.	853,124	May 7	1511	315	128	381
Schauwecker, Edgar J., Clay City, Ind. Concrete steel suspension-arch.	855,986	June 4	1053	218	128	1959
Schauweker, Francis F., and R. E. Robeson, Cleveland, Ohio. Clutch mechanism for automobile-drives.	855,137	May 28	5589	1162	128	1523
Schayer, John J. (See Schweitzer, Edmund O., assignor.)						
Schebler, George M., Indianapolis, Ind. Carbureter.	870,052	Nov. 5	279	76	131	95
Schebler, John M., Hamburg, Ind. Shock-compressing device.	858,629	July 2	481	123	129	168
Scheck, Andrew, and W. H. Finrock, Chicago, Ill. Gas-governor.	870,470	Nov. 5	945	258	131	308
Schedin, Alfred, Moscow, Idaho. Combined ironing-board and wash-bench.	853,998	May 21	3313	682	128	919
Scheer, Charles, Silverton, Colo. Door-securer.	844,191	Feb. 12	2638	565	126	2485
Scheer, Peter A. E., Hamburg, Germany. Device for producing fillers for cigars.	848,130	Mar. 26	4866	1063	127	1315
Scheffer, Gordon L., Louisville, N. C. Cuff-holder.	844,621	Feb. 19	3783	798	126	2800
Scheffler, Theodore, Paterson, N. J. Variable-speed and power-transmitting device.	857,679	June 25	4339	917-18	128	2895

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Scheibal, Franz, <i>et al.</i> (See Themke, Louis F. L., assignor.)						
Scheibenstock, Charles, Fils, La Chaux de Fonds, Switzerland. Measuring instrument...	868,813	Oct. 22	2541	700-1	130	2162
Scheibler, Alfred, Aarau, Switzerland. Tool for testing the currents in electric wires...	840,714	Jan. 8	1862	410	126	521
Scheid, August M., Barmen, Germany. Jacquard card-punching machine...	869,216	Oct. 22	3137	865-6	130	2347
Scheidegger, G., <i>et al.</i> (See Richmond, Louis E., assignor.)						
Scheidel, Valentine, <i>et al.</i> (See Hill, Walter A., assignor.)						
Scheier, Frank W., Cleveland, Ohio. Flushing apparatus for water-closets...	859,341	July 9	1598	424	129	571
Scheiff, Charles A., Beechwood, Pa. Window-shade pull...	856,987	June 11	3007	631	128	2487
Scheiffner, George D., Jackson, Mich. Machine for mixing concrete...	869,522	Oct. 29	3645	999-1000	130	2529
Scheifling, George, Riverdale, Nebr. Hay-stacker...	847,376	Mar. 19	3319	728	127	894
Schels, Peter J., Fort Worth, Tex. Light-reflecting device...	849,700	Apr. 9	2127	437	127	2165
Scheid, Theodor C., Hamburg, Germany. Door-holder...	875,114	Dec. 31	5749	1199	131	2213
Schell, Charles F., Buffalo, N. Y., assignor to Buffalo Gas Generator and Manufacturing Company. Carbureter...	860,334	July 16	3100	847	129	1089
Schell, Charles F., assignor of one-half to G. Schell, Buffalo, N. Y. Hand-truck...	868,705	Oct. 22	2375	658	130	2111
Schell, Christian W., assignor of one-half to W. C. Taylor, Cleveland, Ohio. Shoe-fitting appliance...	857,837	June 25	4666	990	128	2977
Schell, George (See Schell, Charles F., assignor.)						
Schell, Jacob S. (See Beckman and Schell.)						
Schellenbach, William L., Cincinnati, Ohio. Change-gear mechanism...	844,541	Feb. 19	3394	731-2	126	2712
Schelling, Hermann F., Weehawken, N. J. Fastener for tapes, shoe-laces, elastics, and other articles...	849,921	Apr. 9	2544	527	127	2272
Schelling, Hermann F., Weehawken, N. J. Implement for massage, shampooing, and other purposes...	874,251	Dec. 17	3999	844	131	1874
Schelter, George G. and J. C., assignors to Empire Last Works, Rochester, N. Y. Hinged-last...	845,011	Feb. 19	4552	969	126	2995
Schelter, John C. (See Schelter, George G., and J. C.)						
Schelter, John C., assignor to Empire Last Works, Rochester, N. Y. Shoe-last...	845,012	Feb. 19	4554	970	126	2995
Schenbeck, John, Chicago, Ill. Sound-deadening means for railways...	840,258	Jan. 1	944	206	126	256
Schenck, Charles G., Columbus, Ohio. Device for supporting liquor-barrels...	863,659	Aug. 20	2450	674	129	2910
Schenck, Emil, Darmstadt, Germany. Weigh-crane...	864,036	Aug. 20	3004	830	129	3082
Schenck, Eugene A., Kansas City, Kans. Bowling-ball...	864,745	Aug. 27	4142	1150	129	3465
Schenck, Jacob, Clinton, Wis. Draft-equalizer...	872,460	Dec. 3	310	62	131	1215
Schenck, Ludwig B., New York, N. Y. Incased receptacle...	844,542	Feb. 19	3397	732	126	2713
Schenck, Ludwig B., New York, N. Y. Incased receptacle...	844,543	Feb. 19	3399	732	126	2713
Schenck, Ludwig B., New York, N. Y. Sealed and incased receptacle...	868,018	Oct. 15	1271	353	130	1744
Schenck, Murray, Chicago, Ill., assignor to Union Bag & Paper Company, Jersey City, N. J. Paper-bag machine...	850,605	Apr. 16	3820	797-8	127	2637
Schenck, Peirce D., Dayton, Ohio. Journal-box...	853,476	May 14	2226	464	128	604
Schenck, Theodore L. (See Foster and Schenck.)						
Schenck, Wilkens A., Allegheny, Pa. Pencil-sharpener...	855,346	May 28	5969	1246	128	1621
Schenck, William. (See Higbee and Schenck.)						
Schenk, Eduard, Sheridan borough, Pa. Floor-finishing apparatus...	866,074	Sept. 17	2073	578	130	708
Schenk, Nicholas, St. Louis, Mo. Vehicle-wheel...	871,297	Nov. 19	2412	624	131	765
Schenk, William, Jersey City, N. J. Tool for cutting and grooving flat chain-link blanks...	848,051	Mar. 26	4736	1032	127	1283
Schenk, William, Jersey City, N. J. Milling-machine...	848,052	Mar. 26	4738	1032	127	1284
Scheper, James E., Baltimore, Md. Braking mechanism...	858,308	June 25	5598	1197	128	3213
Schepman, Frederick W., and J. M. Teamer, assignors of one-third to J. H. Dersch, Evansville, Ind. Shears...	868,706	Oct. 22	2376	658	130	2112
Scherbner, Paul, New York, N. Y. Metal staircase...	847,699	Mar. 19	3991	872	127	1067
Scherer, Albert G., assignor to A. W. Glessner, Chicago, Ill. Machine for seaming together the edges of sheet-metal sections...	848,053	Mar. 26	4739	1033	127	1284
Scherer, Albert G., and C. W. McKee, Chicago, assignors to A. W. Glessner, Galena, Ill. Machine for manufacturing sheet-metal elbows...	814,411	Feb. 19	3117	668-9	126	2644
Scherer, Frederick C., and H. C. Fashbaugh, Columbiana, Ohio. Insulator...	872,756	Dec. 3	920	191	131	1312
Scherer, Gilbert, and J. Lindburg, Denver, Colo., assignors to Underwood Typewriter Company. Ribbon-vibrating movement for type-writers...	842,814	Jan. 29	6181	1306	126	1720
Scherer, John W., assignor of one-half to W. A. Scherer, Petersburg, Va. Well-drilling machine...	849,271	Apr. 2	1308	265	127	1921
Scherer, William A. (See Scherer, John W., assignor.)						
Scherf, Carl, Saarburg, Germany. Pawl-press...	852,528	May 7	298	54	128	82
Scherf, Theodore, Englewood, N. J. Apparatus for softening paper...	860,696	July 23	3668	1005	129	1309
Scherf, Theodore, Englewood, N. J. Paper...	860,697	July 23	3672	1006	129	1309
Scherf, Theodore, Cleveland, Ohio. Apparatus for softening paper...	873,169	Dec. 10	1803	378-9	131	1482
Schermack, Joseph J., Detroit, Mich. Spring-wheel...	868,814	Oct. 22	2543	701	130	2162
Schermuly, Joseph, Ellinwood, Kans. Metal boxing for disk corn-cultivators, &c...	861,321	July 30	4655	1272	129	1614
Schertz, Joseph A., Marquette, Nebr. Tilting gate...	848,498	Mar. 26	5562	1214	127	1489
Schertz, Simon, Ada, Ohio. Vine-cutter...	864,338	Aug. 27	3470	965	129	3255
Scherzer, Leopold, Vienna, Austria-Hungary. Producing sparkling wines from grapes...	853,037	May 7	1370		128	348
Schetzle, Marx P., Oakland, Cal. Dredger and excavator...	851,628	Apr. 23	5837	1219-20	127	3179
Scheuer, John P., Mishicot, Wis. Wrench for operating bushings...	874,543	Dec. 24	4599	966	131	2001
Scheuer, Ralph, New York, N. Y. Belt, band, and the like...	874,870	Dec. 24	5224	1101	131	2108
Scheuermann, George J., St. Louis county, assignor of one-half to A. Barhorst, St. Louis, Mo. Shutter...	868,132	Oct. 15	1438	404	130	1795
Scheuing, John C., Nashville, Tenn. Radiator attachment...	860,335	July 16	3102	847	129	1090
Scheve, Henry W., Jansen, Nebr. Nail-driver...	854,180	May 21	3685	763	128	1010
Schiavone, Mario, Ferrandina, Italy. Air-ship...	868,223	Oct. 15	1565	445-7	130	1833
Schicht, Georg, Vienna, Austria-Hungary. Crystallizing apparatus...	872,257	Nov. 26	4443	1056	131	1111
Schicklering, Alfred, New York, N. Y. Cigar-cutter...	855,203	May 28	5715	1190	128	1556
Schiebeler, Carl, Berlin, Germany, assignor to General Electric Company. System of motor control...	848,926	Apr. 2	649	130	127	1754
Schieffelin & Co. (See Green, Maurice, assignor.)						
Schieffler, Fredrick, Alpena, Mich. Grinding-machine...	859,118	July 2	1240	332	129	419
Schiele, Frederick J., Syracuse, N. Y. Steering-gear...	845,127	Feb. 26	4791	1016	126	3099
Schiepe, August, Berlin, assignor to H. Friedmann, Charlottenburg, near Berlin, Germany. Type-setting machine...	859,583	July 9	1957	528	129	687
Schieppati, Angelo, Milan, and E. Izar, Inveruno, Italy. Vehicle...	864,568	Aug. 27	3871	1074	129	3382
Schieren, George A., Bristol, Tenn. Leather-rolling machine...	856,810	June 11	2682	554	128	2408
Schiermeyer, Henry W., Beatrice, Nebr. Door-check...	869,937	Nov. 5	90	26	131	31
Schies, John, Anderson, Ind. Apparatus for feeding and delivering glass...	846,057	Mar. 5	691	145	127	176
Schies, John, Anderson, Ind. Apparatus for manufacturing glassware...	855,344	May 28	5964	1245	128	1620
Schies, John, Anderson, Ind. Apparatus for manufacturing glassware...	855,345	May 28	5967	1245-6	128	1620
Schiesser, Gabriel L. (See Warker, George G., assignor.)						
Schild, Charles F., Cambridge, Ohio. Drying-hanger...	853,739	May 14	2775	571	128	747
Schildback, Ernest, Elmhurst, Ill. Wind-shield...	847,830	Mar. 19	4258	932	127	1128
Schildback, Ernest, Elmhurst, Ill. Wind-shield for vehicles...	861,678	July 30	5211	1432	129	1936

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Schildwachter, Philip W. C., New York, N. Y. Speed-wagon.....	850,971	Apr. 23	4533	949	127	2855
Schilling, George W., Philadelphia, Pa. Cutter for tongued boards.....	862,761	Aug. 6	1093	294	129	2417
Schilling, Gottfried, Prescott, Wis. Carpet stretcher and tacker.....	863,099	Aug. 13	1611	433	129	2616
Schilling, Gustave A. W., and J. H. Flach, assignors of one-third to L. Becker, Denver, Colo. Air-inlet and beer-outlet bung for barrels.....	842,343	Jan. 29	5161	1097	126	1462
Schilling, William F. (See McKee and Schilling.)						
Schillinger, Christian, Scranton, Pa. Register.....	857,309	June 18	3628	768-9	128	2685
Schillinger, Theodore, New York, N. Y. Plate for arches.....	846,247	Mar. 5	1053	227	127	268
Schimanoski, Joseph, St. Louis, Mo. Combined plow and cultivator.....	870,319	Nov. 5	702	189	131	230
Schimanoski, Joseph, St. Louis, Mo. Potato-digger.....	870,320	Nov. 5	703	189	131	230
Schimansky, Otto, Sandusky, Ohio. Barrel-assembling machine.....	869,024	Oct. 22	2859	789	130	2259
Schimak, Carl G., Fremont, Ohio. Safety-razor.....	866,969	Sept. 24	3393	960	130	1159
Schimmel, Abraham A., Boston, Mass. Machine for compressing filling for mattresses.....	842,344	Jan. 29	5163	1097	126	1463
Schimmel, Arthur, Evansville, Ind. Pump-curb.....	864,924	Sept. 3	256	68	130	81
Schimmel, Gustav R., Detroit, Mich. Hypodermic syringe.....	844,544	Feb. 19	3401	732	126	2714
Schindler, Andreas, Allegheny, Pa. Folding umbrella.....	863,000	Aug. 13	1450	394	129	2567
Schindler, Otto. (See Kropat, Eduard, assignor.)						
Schindler, Robert A., Pittsburg, Pa. Nut-locking washer.....	843,704	Feb. 12	1728	367	126	2261
Schjödtt, Frederik V., assignor to H. Hein & Möller-Holst, Copenhagen, Denmark. Apparatus for the extraction of dust from carpets and other articles.....	854,670	May 21	4591	958-9	128	1242
Schirmacher, Karl, and B. Deicke, assignors to Farbwerke vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Vat-dyestuff.....	867,305	Oct. 1	117	.....	130	1350
Schirmacher, Karl, and R. Leopold, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Vat-dyestuff.....	867,306	Oct. 1	118	.....	130	1350
Schirmer, Baldwin F., Indianapolis, Ind. Dust-preventer.....	870,590	Nov. 12	1119	306	131	395
Schirmer, Martin H. (See Lehr, Joseph, assignor.)						
Schlachter, Carl A., Rockwell City, Iowa. Tire-armor.....	850,321	Apr. 16	3272	682	127	2498
Schlaflý, Julius H., assignor to Berger Manufacturing Company, Canton, Ohio. Binding-sheet for concrete-work.....	840,016	Jan. 1	439	95	126	119
Schlaflý, Julius H., assignor to Berger Manufacturing Company, Canton, Ohio. Eaves-trough-forming machine.....	840,382	Jan. 1	1213	265	126	319
Schlaflý, Julius H., assignor to Berger Manufacturing Company, Canton, Ohio. Sidewalk or concrete construction.....	847,700	Mar. 19	3992	872	127	1067
Schlageter, Andrew B., Ottumwa, Iowa. Combination-square.....	855,987	June 4	1054	219	128	1960
Schlapp, Joseph, Allegheny, Pa. Ink-well.....	843,367	Feb. 5	1071	221	126	2061
Schlecht, Frank, Fremont, Ohio. Necktie-holder.....	843,303	Feb. 5	965	197	126	2035
Schlechter, Gustavus A., Reading, Pa. Watchcase.....	848,131	Mar. 26	4867	1063	127	1315
Schlee, Herman C., and M. Jacobs, Cleveland, Ohio. Ventilator for head-coverings.....	847,831	Mar. 19	4261	933	127	1129
Schlee, Nicholas, <i>et al.</i> (See Reiber, Frederick W., assignor.)						
Schlegel, Charles P., Rochester, N. Y. Ornamental trimming.....	841,187	Jan. 15	2812	613	126	804
Schlegelmich, Frederick H., Ashtabula Harbor, Ohio. Load-trimmer.....	861,906	July 30	5561	1536-7	129	1941
Schlegendal, Ernst, Barmen, Germany. Door-bolt.....	850,322	Apr. 16	3273	682	127	2499
Schleicher, Emil J. (See Gemmer and Schleicher.)						
Schleicher, Erhart. (See Schraube and Schleicher.)						
Schleicher, William A., Cleveland, Ohio. Fifth-wheel.....	863,660	Aug. 20	2451	674	129	2911
Schleicher, William A., assignor to Eberhard Manufacturing Company, Cleveland, Ohio. Wire buckle.....	850,792	Apr. 16	4181	876	127	2726
Schleicher, William A., assignor to Eberhard Manufacturing Company, Cleveland, Ohio. Wire buckle.....	850,793	Apr. 16	4181	877	127	2726
Schleicher, William A., assignor to Eberhard Manufacturing Company, Cleveland, Ohio. Buckle.....	850,794	Apr. 16	4182	877	127	2726
Schleicher, William A., assignor to Eberhard Manufacturing Company, Cleveland, Ohio. Buckle.....	850,795	Apr. 16	4182	877	127	2727
Schlesinger, Baldwin, <i>et al.</i> (See Audley, Francis H., assignor.)						
Schlesinger, Louis, Milwaukee, Wis. Spacing mechanism for type-writing machines.....	852,456	May 7	132	23-5	128	41
Schleth, Friedrich, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Sight-telescope.....	869,395	Oct. 29	3445	946	130	4269
Schleyder, Karl, Rakonitz, Austria-Hungary. Smoke-consumer for locomotive and like boilers.....	843,848	Feb. 12	1988	426	126	2325
Schlichting, Albert T., Newark, N. J. Pipe-cleansing apparatus.....	841,722	Jan. 22	3864	839	126	1105
Schlicker, Frank, Willock, Pa. Rail-fastener.....	851,442	Apr. 23	5473	1146	127	3091
Schlieder, Augustus E., Buffalo, N. Y., assignor to Monarch Acetylene Gas Company, Omaha, Nebr. Carbide-feed mechanism for acetylene-gas generators.....	873,176	Dec. 10	1819	381	131	1484
Schliesser, Herman M., Toledo, Ohio. Combined fork and hook.....	862,762	Aug. 6	1094	294	129	2418
Schlingloff, Nicholas J., Marion, Kans. Copy-holder.....	873,902	Dec. 17	3250	694	131	1759
Schloss, Joseph W., New York, N. Y. Button.....	866,817	Sept. 24	3176	892	130	1091
Schlossstein, John F. (See Mattausch and Schlossstein.)						
Schlüter, Anton, Munich, Germany. Starting-crank for explosion-engines.....	846,698	Mar. 12	1970	433	127	531
Schlutius, Johannes, Karow, Germany. Making nitrated superphosphate.....	872,737	Dec. 3	921	.....	131	1313
Schmachtenberg, William, New York, N. Y. Safety-razor.....	840,965	Jan. 8	2358	517	126	642
Schmachtenberger, Ottomer, Roodhouse, Ill. Saw-filing machine.....	855,673	June 4	436	90-2	128	1807
Schmalz, Christian, and K. Schäffer, Nordhausen, Germany. Manufacture of D tool-handles.....	869,105	Oct. 22	2977	822	130	2297
Schmalz, John B., Newton, assignor to Dice Puzzle Company, Boston, Mass. Puzzle.....	860,887	July 23	3967	1087	129	1406
Schmalz, William A., Duryea, Pa. Square.....	846,248	Mar. 5	1054	227	127	269
Schmand, Albert F., Bridgeport, Conn. Ice-cream freezer.....	845,667	Feb. 26	5852	1236	126	3360
Schmedes, Hans R., Bremen, Germany. Sleeping-car.....	864,489	Aug. 27	3700	1031	129	3331
Schmeltzer, Samuel M., Milwaukee, Wis. Conductor-pipe machine.....	845,437	Feb. 26	5398	1146	126	3248
Schmick, Henry J., assignor to Hamburg Manufacturing Company, Limited, Hamburg, Pa. Hoisting device.....	864,998	Sept. 3	371	99	130	117
Schmid, Adolf, Berne, Switzerland. Device for detecting subterranean waters.....	841,188	Jan. 15	2814	614	126	804
Schmid, Henri, Mulhouse, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Production of brown shades on the fiber.....	863,761	Aug. 20	2598	.....	129	2958
Schmid, John V., Philadelphia, Pa. Automatic relief and back-pressure valve.....	846,059	Mar. 5	699	146	127	179
Schmid, Peter, Basel, Switzerland. Ungumming silk.....	848,605	Mar. 26	5780	.....	127	1543
Schmid, Wilhelm, Schaffhausen, Switzerland. Propeller.....	853,999	May 21	3315	682	128	919
Schmidlin, Robert, assignor to Farbwerke, vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Making phenylglycin.....	841,456	Jan. 15	3344	.....	126	940
Schmidlin, Robert, assignor to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Producing phenylglycin and its homologues.....	868,294	Oct. 15	1695	.....	130	1874
Schmidt, Albrecht, assignor to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Vat-dye and making same.....	868,295	Oct. 15	1695	.....	130	1874
Schmidt, Albrecht, assignor to Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Brown vat-dye.....	872,085	Nov. 26	4104	.....	131	1056
Schmidt, Albrecht, assignor to Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Green-black vat-dye.....	872,086	Nov. 26	4105	131	1056

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Schmidt, Albrecht, and C. Pretzell, assignors to Farbwerke vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Orange vat-dye and making same.	872,585	Dec. 3	569	-----	131	1255
Schmidt, Albrecht, and W. Bertram, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Red-violet vat-dye and making same.	867,679	Oct. 8	687	-----	130	1543
Schmidt, Benjamin F., Modesto, Cal. Nail-holding attachment for driving-tools.	845,823	Mar. 5	177	34	127	47
Schmidt, Carl. (See Beker, Rudolph G., assignor.)						
Schmidt, Carl, Vienna, Austria-Hungary. Purifying apparatus for liquids.	851,778	Apr. 30	6155	1285	127	3291
Schmidt, Carl C., St. John, New Brunswick, Canada. Detachable heel.	873,388	Dec. 10	2238	466	131	1554
Schmidt, Carl H., Chicago, Ill. Garment-fastener.	842,498	Jan. 29	5515	1168	126	1560
Schmidt, Carl L., Oberstein, Germany. Umbrella-fastener.	868,490	Oct. 15	2000	558	130	1965
Schmidt, Charles, New York, assignor of one-half to J. C. Hoffmann, Brooklyn, N. Y. Comb.	846,058	Mar. 5	698	145	127	178
Schmidt, Charles, assignor to Packard Motor Car Company, Warren, Ohio. Starting device for explosion-engines.	847,514	Mar. 19	3588	789	127	965
Schmidt, Charles, Cleveland, Ohio, assignor to Packard Motor Car Company, Detroit, Mich. Throttle-valve for hydrocarbon-engines.	873,387	Dec. 10	2237	466	131	1554
Schmidt, Charles G., assignor to Cincinnati Butcher's Supply Co., Cincinnati, Ohio. Meat-cutter.	842,499	Jan. 29	5516	1169	126	1561
Schmidt, Charles J., Chicago, Ill. Flower-pot.	869,523	Oct. 29	3648	1000	130	2530
Schmidt, Charles J., Evanston, Ill. Receptacle.	873,797	Dec. 17	3040	646	131	1724
Schmidt, Charles R., Baltimore, Md. Building-block.	859,119	July 2	1241	332	129	420
Schmidt, Charles R., Baltimore, Md. Forming molds.	859,120	July 2	1242	333	129	420
Schmidt, Charles R., Baltimore, Md. Effecting the closure of bottles.	859,121	July 2	1244	333	129	420
Schmidt, Charles R., Baltimore, Md. Method of enameling.	862,285	Aug. 6	295	83	129	2175
Schmidt, Charles R., Baltimore, Md. Pipe-coupling.	869,106	Oct. 22	2978	823	130	2298
Schmidt, Charles R., Baltimore, Md. Concrete mixing and molding apparatus.	871,363	Nov. 19	2547	655	131	787
Schmidt, Charles R., Baltimore, Md. Bottle-closure.	871,364	Nov. 19	2548	655	131	788
Schmidt, Edouard. (See Schmidt, Gustav, assignor.)						
Schmidt, Edward H., et al. (See Bretney, Eugene, assignor.)						
Schmidt, Emil. (See Russell, John A., assignor.)						
Schmidt, Eugen, St. Petersburg, Russia. Apparatus for producing a mixture of steam and combustion-gases.	845,128	Feb. 26	4793	1016	126	3100
Schmidt, Eugene, Stillwater, Minn. Transmission and speed-changing mechanism.	873,903	Dec. 17	3253	694	131	1760
Schmidt, Felix. (See Rummel and Schmidt.)						
Schmidt, Ferdinand, Schreiberbau, Germany. Massage apparatus.	857,761	June 25	4517	953	128	2940
Schmidt, Florian C., Chicago, Ill. Means for displaying wall-paper, &c.	863,661	Aug. 20	2452	675-6	129	2911
Schmidt, Franz, Oberschöneweide, Germany. Thread-stretching device for the warps of drum printing-machines.	872,258	Nov. 26	4444	1056	131	1111
Schmidt, Frederick. (See Jottrand and Schmidt.)						
Schmidt, Frederick, West Bend, Wis. Running-gear for vehicles.	868,133	Oct. 15	1440	404	130	1796
Schmidt, George A. (See Falk, Louis A., assignor.)						
Schmidt, George A., Chicago, Ill. Shaving-brush container.	851,443	Apr. 23	5473	1146	127	3091
Schmidt, George L., Chandler, S. D. Traction-engine tender.	840,017	Jan. 1	441	95-6	126	119
Schmidt, Godfried H., Lexington, assignor of one-half to C. W. Tobin, St. Louis, Mo. Hame-tug.	847,377	Mar. 19	3320	729	127	895
Schmidt, Gottfried, assignor of one-third to H. W. Jacobs, Hazleton, Pa. Air-pump and automatic pressure-regulator therefor.	864,339	Aug. 27	3471	966	129	3255
Schmidt, Gustav, assignor to E. Schmidt, Kolmar, Alsace, Germany. Thread-controller.	866,890	Sept. 24	3273	921	130	1121
Schmidt, Harry, Council Bluffs, Iowa. Photographic toning and mounting.	871,188	Nov. 19	2160	-----	131	728
Schmidt, Henry W., New York, N. Y. Water-current motor.	867,843	Oct. 8	937	268	130	1619
Schmidt, Herbert E. O. (See Haeberli and Schmidt.)						
Schmidt, Ida W., Detroit, Mich., and H. R. Schweinler, Brooklyn, N. Y.; said Schweinler assignor to said Schmidt. Motor-driven vehicle.	848,267	Mar. 26	5113	1116	127	1379
Schmidt, Jean, Frankfurt-on-the-Main, Germany. Photographer's car.	867,608	Oct. 8	586	167	130	1513
Schmidt, John, Woodville, Wis. Manure-fork.	858,419	July 2	85	23	129	30
Schmidt, John D., New York, N. Y. Clothes-line bracket.	871,638	Nov. 19	3122	775	131	877
Schmidt, Joseph, Jr., Chicago, Ill. Transmission-gear.	840,383	Jan. 1	1218	265-6	126	320
Schmidt, Louis A., assignor of one-half to J. E. Plew, Chicago, Ill. Register.	873,270	Dec. 10	1986	416	131	1514
Schmidt, Louis M., Lynn, Mass., assignor to General Electric Company. Circuit-detecting device.	850,258	Apr. 16	3159	660	127	2467
Schmidt, Ludwig, assignor to Elektrizitäts-Aktiengesellschaft, vormals Schuckert & Co., Nuremberg, Germany. Single-type-casting machine.	841,457	Jan. 15	3345	722	126	940
Schmidt, Ludwig, assignor to Elektrizitäts-Aktiengesellschaft vormals Schuckert & Co., Nuremberg, Germany. Single-type-casting machine.	843,304	Feb. 5	965	198	126	2035
Schmidt, Max, on board of the hulk "Kronprinz," in Kiel-Wik, Germany. Rotary engine.	855,906	June 4	906	188	128	1923
Schmidt, Max, Cincinnati, Ohio. Adjustable operating-table.	859,696	July 9	2133	575-6	129	742
Schmidt, Oscar A. R. M., Louisville, Ky. Razor.	860,829	July 23	3862	1059	129	1370
Schmidt, Paul. (See Desgraz and Schmidt.)						
Schmidt, Paul, assignor to Electr. Isolir-und Installationsartikelerzeugung, Ingre. Schott & Schildorfer, Vienna, Austria-Hungary. Apparatus for covering cables, rods, tubes, and the like.	840,715	Jan. 8	1862	410-11	126	521
Schmidt, Paul C., Hartford, Conn. Nut-lock.	874,544	Dec. 24	4601	966	131	2002
Schmidt, Rudolph F., Cincinnati, Ohio. Rotary engine.	845,270	Feb. 26	5073	1078	126	3170
Schmidtke, August, Königsberg, Germany. Lock.	875,291	Dec. 31	6097	1272	131	2269
Schminke, Edward A., et al. (See McGuire, Patrick J., assignor.)						
Schmitt, Nicholas, assignor to J. T. Horine, Delphos, Ohio. Washing-machine bottom.	862,021	July 30	5723	1589	129	1991
Schmitt, Benjamin C., Columbus, Ohio. Stereotype plate and base.	864,802	Sept. 3	59	17	130	21
Schmitt, Christopher, New York, N. Y. Apparatus for smoking meat.	843,368	Feb. 5	1072	221	126	2061
Schmitt, Edward D., Brooklyn, N. Y. Bottle-seal.	864,697	Aug. 27	4072	1131	129	3444
Schmitt, Edward D., Brooklyn, assignor to Monarch Seal Company, New York, N. Y. Bottle-seal.	856,304	June 11	1685	349	128	2154
Schmitt, Edward D., Brooklyn, assignor to Monarch Seal Company, New York, N. Y. Applying bottle-seals.	856,917	June 11	2875	602	128	2453
Schmitt, Edward D., Brooklyn, assignor to Monarch Seal Company, New York, N. Y. Sealing-head for bottle-sealing machines.	867,214	Sept. 24	3791	1070	130	1282
Schmitt, Edward D., Brooklyn, N. Y., assignor of two-thirds to R. H. Pollock and W. F. Thomas, Baltimore, Md. Stamp or ticket vending machine.	866,891	Sept. 24	3275	921-2	130	1121
Schmitt, Ewald. (See Thomas and Schmitt.)						
Schmitt, Frank M. (See Carr and Schmitt.)						
Schmitt, Frederick J., Petoskey, Mich. Butcher's chopping-block.	855,347	May 28	5970	1246	128	1621
Schmitt, Gustav, Milwaukee, Wis. Vehicle-spring.	873,329	Dec. 10	2126	443	131	1535
Schmitt, Henry, Chicago, Ill. Latch-lock.	854,847	May 28	4976	1035-6	128	1369
Schmitt, Jean, Belfort, France. Apparatus for recovering sulfur dyestuffs from waste dye liquids and washing liquids.	844,013	Feb. 19	4556	970	126	2996
Schmitt, Joseph, et al. (See Didrich, John H., assignor.)						
Schmitt, Joseph, Woonsocket, R. I. Spinning-mule.	846,146	Mar. 5	880	185	127	224

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Schmitt, Joseph J., Kinsley, Kans. Shaft-coupling.	873,617	Dec. 10	2685	566	131	1632
Schmitt, Mathies, Austin, Minn. Weed-exterminator.	853,267	May 14	1809	376-7	128	490
Schmitt, Otto G. C., assignor to Wagner & Brand, Frankfort-on-the-Main, Germany. Type-setting machine.	863,453	Aug. 13	2135	575-6	129	2781
Schmittthener, Carlos, Heidenheim-on-the-Brenz, Germany. Speed-regulator.	875,463	Dec. 31	6436	1345	131	2325
Schmitz, Alexander, Heerdt, near Düsseldorf, Germany. Manufacturing fatty compounds for use as turkey-red oils.	861,397	July 30	4793		129	1707
Schmitz, August, Aix-la-Chapelle, Germany. Apparatus for testing the water of a boiler under pressure.	862,870	Aug. 6	1260	342	129	2469
Schmitz, Franz, San Francisco, Cal. Door-manipulator.	870,906	Nov. 12	1650	454	131	567
Schmitz, Gerhard, assignor of one-half to D. Barclay, Byesville, Ohio. Automatic switch.	846,147	Mar. 5	882	185-6	127	225
Schmitz, Mathias, Schenectady, N. Y. Shaving-brush and soap-holder.	866,970	Sept. 24	3394	961	130	1159
Schmitz, Wilhelm, Hamburg, Germany. Inverted incandescent gas-burner.	866,686	Sept. 24	2966	840	130	1018
Schmitz, Wilhelm, Hamburg, Germany. Regulating gas-burner.	866,687	Sept. 24	2966	840	130	1018
Schmoele, Charles. (See Schmoele, William F., assignor.)						
Schmoele, William F., assignor to C. Schmoele, Philadelphia, Pa. Motor-cycle.	860,251	July 16	2974	812	129	1047
Schmolinski, Adolph O., assignor to Security Register & Manufacturing Company, St. Louis, Mo. Fare-register-actuating mechanism.	844,692	Feb. 19	3928	831	126	2838
Schmolinski, Adolph O., assignor to Security Register Company, St. Louis, Mo. Fare-register.	852,849	May 7	969	200-2	128	247
Schmolinski, Adolph O., assignor to Security Register & Manufacturing Company, St. Louis, Mo. Ribbon-feeding mechanism.	852,850	May 7	981	202-3	128	249
Schmolinski, Adolph O., assignor to Security Register & Manufacturing Company, St. Louis, Mo. Bell-ringing mechanism.	859,584	July 9	1959	529	129	688
Schmucker, Emanuel D., Nappanee, Ind. Liquid-fuel burner.	858,220	June 25	5451	1163	128	3176
Schmunk, Fredrich and P. B., Beaver Falls, Pa. Trolley and crossover.	847,701	Mar. 19	3993	872	127	1067
Schmunk, Paul B. (See Schmunk, Fredrich and P. B.)						
Schmutz, Lewis, et al. (See Cobham, Frederick P., assignor.)						
Schnabel, Edmund, and W. W. Lawson, New York, N. Y., assignors to Aeolian Company. Mechanical musical instrument.	840,259	Jan. 1	945	206	126	256
Schnader, Milton H. (See Stevenson, George W., assignor.)						
Schnaier, Milton, New York, N. Y. Cesspool.	860,252	July 16	2975	813	129	1048
Schnaitmann, Karl, assignor to Daimler-Motoren-Gesellschaft, Untertürkheim, Germany. Gear for automobiles, &c.	857,114	June 18	3260	686	128	2591
Schnauffer, George A., and H. G. Smock, assignors of one-third to R. A. Leigh, Denver, Colo. Connecting device.	870,471	Nov. 5	946	258	131	308
Schnaus, Charles J. (See Lonergan, William J., assignor.)						
Schneeloch, August, assignor to E. C. Stearns & Co., Syracuse, N. Y. Type-writing machine.	844,756	Feb. 19	4062	866-7	126	2871
Schneeloch, August, assignor to E. C. Stearns & Co., Syracuse, N. Y. Line-locking mechanism.	852,400	Apr. 30	7416	1556	127	3610
Schneeloch, August, New York, assignor to E. C. Stearns & Co., Syracuse, and J. E. Thomas, New York, N. Y. Ribbon mechanism for type-writers.	849,339	Apr. 2	1443	292-3	127	1954
Schneible Company. (See Walquist, Frank W., assignor.)						
Schneible, Joseph. (See Weaver, Robert T., assignor.)						
Schneider, Adam A., Camden, N. J. Trolley-wheel.	843,305	Feb. 5	968	198	126	2035
Schneider, Adolf J., assignor of one-half to A. Goertz, Newark, N. J. Button.	865,657	Sept. 10	1402	398	130	457
Schneider, Adolph, Chicago, Ill. Machine for bottling liquids.	863,884	Aug. 20	2786	766-7	129	3016
Schneider, Adolph, Chicago, Ill., assignor to H. Schneider, Trinidad, Colo. Regulator for use with filling-valves.	846,352	Mar. 5	1256	276	127	316
Schneider, Alfred, New York, N. Y. Watch-guard.	847,207	Mar. 12	2980	156	127	783
Schneider, Annie C., Bridgeville, Pa. Drip-pan.	849,165	Apr. 2	1119	226	127	1874
Schneider, Berthold, Berlin, Germany. Fare-indicator.	867,009	Oct. 8	587	167	130	1513
Schneider, Berthold, Berlin, Germany. Odometer.	869,740	Oct. 29	4000	1105	130	2637
Schneider, Berthold, Berlin, Germany. Fare-indicator.	870,387	Nov. 5	830	219-21	131	273
Schneider, Carl, Jersey City, N. J., assignor to International Electrical Manufacturing Company, New York, N. Y. Combination instrument.	870,851	Nov. 12	1558	428	131	537
Schneider, Charles P. E., Le Creusot, and E. Rimailho, Neuilly-sur-Seine, France. Theodolite or similar instrument.	848,132	Mar. 26	4868	1063	127	1315
Schneider, Charles P. E., Le Creusot, and E. Rimailho, Neuilly-sur-Seine, France. Means for transferring a gun from its carriage to a gun-carrying vehicle.	848,858	Apr. 2	525	104	127	1722
Schneider, Charles P. E., Le Creusot, and E. Rimailho, Neuilly-sur-Seine, France. Ammunition wagon or caisson.	868,224	Oct. 15	1575	447	130	1837
Schneider, Christian F. (See Allen, James M., assignor.)						
Schneider, Eugene, Le Creusot, France. Apparatus for measuring the angles of sight.	873,904	Dec. 17	3255	694	131	1760
Schneider, Ferdinand, Langenfeld, Germany. Wireless receiving apparatus for exploding mines.	850,972	Apr. 23	4535	949	127	2856
Schneider, Frederick A., assignor to H. B. Schneider, Washington, D. C. Pencil-clasp.	865,981	Sept. 10	1923	539	130	632
Schneider, George. (See Paschen, Frederick, assignor.)						
Schneider, George, assignor of one-half to L. A. Ferrandini, Baltimore, Md. Theatrical appliance.	869,145	Oct. 22	3037	838	130	2314
Schneider, George J., assignor to American Electrical Heater Company, Detroit, Mich. Electric heating element.	863,454	Aug. 13	2137	576-7	129	2782
Schneider, George J., assignor to American Electrical Heater Company, Detroit, Mich. Electric sad-iron.	863,455	Aug. 13	2138	577	129	2782
Schneider, Heinrich, Altona-Ottensen, Germany. Treating citron-peel.	848,210	Mar. 26	4993		127	1349
Schneider, Heinrich, Dresden, Germany. Fireproof slab.	858,675	July 2	549	142	129	190
Schneider, Helen B. (See Schneider, Frederick A., assignor.)						
Schneider, Henry. (See Schneider, Adolph, assignor.)						
Schneider, Henry C., North Milwaukee, Wis. Pedestal-table.	860,574	July 16	3462	951	129	1209
Schneider, Henry J., and H. Tietz, Eau Claire, Wis.; said Tietz assignor to said Schneider. Sleigh-runner.	856,988	June 11	3008	632	128	2487
Schneider, Jacob, Newport, Ky. Curtain-fastening.	854,848	May 28	4980	1036	128	1370
Schneider, Jaquet & Cie., G. M. B. H. (See Jaquet, Charles, assignor.)						
Schneider, John B., Dunbar, Nebr. Wire fence.	866,227	Sept. 17	2283	638	130	775
Schneider, John P. (See Marz and Schneider.)						
Schneider, Louis C., Mittweida, Germany. Apparatus for hardening the teeth of card-clothing.	840,090	Jan. 1	598	130	126	158
Schneider, Peter, Harrison, Ohio. Drawer-guide.	858,420	July 2	86	24	129	30
Schneider, Philip, Chicago, Ill. Machine for laying off patterns on and otherwise preparing boards for the manufacture of piano and organ keys.	840,260	Jan. 1	946	206-7	126	256
Schneider, Philipp, Eberstadt, and K. Sohler; said Sohler assignor to Fried. Krupp Aktiengesellschaft, Grusonwerk, Magdeburg-Buckau, Germany. Oil-press.	863,885	Aug. 20	2796	768	129	3021
Schneider, Reinhold, Sharon, Pa. Valve.	844,192	Feb. 12	2639	565	126	2485
Schneider Reinhold, Sharon, Pa. Condenser.	864,925	Sept. 3	257	68	130	81
Schneider, Rosie, Minden, Nebr. Rubbing-post for live stock.	866,523	Sept. 17	2710	758	130	909

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Schneider, Samuel P., Lorenton, Pa. Wrench	849,272	Apr. 2	1309	266	127	1922
Schneider, Stefan, Charlottenburg, Germany. Apparatus for preparing rings for ball-bearings.	841,577	Jan. 15	3562	769	126	997
Schneider, Stefan, Charlottenburg, Germany. Preparing rings for ball-bearings.	842,500	Jan. 29	5518	1169	126	1561
Schneider, Stefan, Charlottenburg, Germany. Ball-holding ring for ball-bearings.	851,697	Apr. 30	6012	1256	127	3254
Schneider, Stephan, Berlin, Germany, assignor to General Electric Company. Water-jet grounder for protection against excessive potentials in electrical systems.	866,075	Sept. 17	2075	578	130	708
Schneider, Walter C., Detroit, Mich. Carbureter	868,707	Oct. 22	2378	658	130	2112
Schneider, William E., Washington, D. C. Vehicle-wheel.	841,578	Jan. 15	3563	769	126	997
Schneider, William E., Washington, D. C. Machine for making receptacles of compressed pulp.	847,832	Mar. 19	4261	933-5	127	1129
Schneider, William E., Washington, D. C. Mechanical movement.	870,135	Nov. 5	403	112	131	134
Schneider, William F., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. System of motor control.	871,239	Nov. 19	2272	597	131	745
Schneider, William F., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. System of motor control.	873,177	Dec. 10	1822	381	131	1485
Schneider, William G., Liverpool, Ohio. Sash-fastener.	863,226	Aug. 13	1818	489	129	2683
Schnelbach, Henry A. (See Macbeth and Schnelbach.)						
Schnelbach, Henry A., assignor to Macbeth-Evans Glass Company, Pittsburg, Pa. Glassware heating and finishing machine.	842,426	Jan. 29	5357	1134	126	1519
Schnelbach, Henry A., assignor to Macbeth-Evans Glass Company, Pittsburg, Pa. Gas-furnace.	842,427	Jan. 29	5360	1134	126	1521
Schnell, Charley N. (See Schnell, George M. and C. N.)						
Schnell, Franz, Gutenstein, Austria-Hungary. Wood substitute.	848,133	Mar. 26	4870	127	1315	
Schnell, George M. and C. N., Kellogg, Iowa. Ditch-digging machine.	863,319	Aug. 13	1954	526-7	129	2724
Schneller, Henry, Pearl River, N. Y., and F. J. Henke, West Hoboken, N. J.; said Schneller assignor to said Henke. Loose-leaf binder.	868,491	Oct. 15	2000	558	130	1965
Schnellpressenfabrik Actien-Gesellschaft. (See Stamm, Henry, assignor.)						
Schnicke, Richard, Chemnitz, Germany. Elastic wheel for vehicles.	841,189	Jan. 15	2816	614	126	805
Schniewind, Frederic W. C., Everett, Mass., assignor to United Coke & Gas Company, Charleston, W. Va., and Philadelphia, Pa. Apparatus for charging coke-ovens.	845,719	Feb. 26	5955	1257	126	3387
Schnitger, Edward P., et al. (See Malocsay, Frank X., assignor.)						
Schnitger, Paul, et al. (See Malocsay, Frank X., assignor.)						
Schnoor, Christian F., Chicago, Ill. Fan.	872,690	Dec. 3	782	162	131	1291
Schnoor, Peter J. A., Holstein, Iowa. Mail-bag-delivery device.	842,023	Jan. 22	4478	962	126	1257
Schnopp, John E., Brooklyn, N. Y. Swimming-paddle.	868,492	Oct. 15	2001	559	130	1966
Schnurmacher, Anna, St. Louis, Mo. Brush.	875,464	Dec. 31	6439	1345	131	2325
Schnyder, Adolph P., Poag, Ill. Nail-puller.	848,211	Mar. 26	4994	1091	127	1345
Schober, August, Chicago, Ill. Candy-working machine.	853,740	May 14	2776	571	128	747
Schobert, George G., Birmingham, England. Paint for ships' bottoms.	854,241	May 21	3814	128	1046	
Schock, George W., and L. A. Mattes, South Bend, Ind. Concrete-block machine.	864,698	Aug. 27	4073	1132	129	3445
Schocke, August E., Williams, Nebr. Lifting-jack.	848,499	Mar. 26	5562	1214	127	1489
Schoedel, Fernand. (See Schoedel, Gaston and F.)						
Schoedel, Gaston and F., Paris, France. Reducing-gear.	871,240	Nov. 19	2279	597	131	746
Schoel, August. (See Baum, Schoel, and Edwards.)						
Schoen, August C., assignor to Stinson Brothers, Philadelphia, Pa. Warp holder or sustainer.	855,418	May 28	6097	1274	128	1652
Schoen, Charles T. (See Loss, Henrik V., assignor.)						
Schoen, Charles T., Moylan, Pa. Making wheels.	848,927	Apr. 2	652	130	127	1754
Schoen, Paul, assignor to Hall, Hartwell & Co. and P. E. Schoen, Troy, N. Y. Plaiting-gage.	857,208	June 18	3444	726	128	2638
Schoen, Paul E. (See Schoen, Paul, assignor.)						
Schoenberg, Abraham R. (See Klein, Charles J., assignor.)						
Schoenberg, Ralph A. (See Klein, Charles J., assignor.)						
Schoenberger, Frank W., Columbus, Ohio. Bearing.	870,799	Nov. 12	1477	399	131	513
Schoenborn, Adam J., Greenleaf, Kans. Telescope.	852,300	Apr. 30	7207	1513	127	3558
Schoendelen, Joseph W. (See Steinmann and Schoendelen.)						
Schoenecke, August J., Chicago, Ill. Window plant-box.	842,501	Jan. 29	5520	1170	126	1561
Schoenecke, August J., Chicago, Ill. Bench-back-attaching bracket.	855,817	June 4	725	150	128	1878
Schoenfeld, Laurence S., Jamestown, Colo. Filter-press.	862,286	Aug. 6	296	83	129	2175
Schoenfeld, Harry W. (See Canty and Schoenfeld.)						
Schoenhut, Albert, Philadelphia, Pa. Knockdown toy structure.	842,712	Jan. 29	5988	1262-3	126	1673
Schoenhut, William F., Philadelphia, Pa. Toy.	853,221	June 25	5452	1163	128	3177
Schoenle, Peter, Afton, Iowa. Covering for hay, grain, &c.	846,627	Mar. 12	1852	407	127	502
Schoenmehl, Charles B. (See Krause, William G. C., assignor.)						
Schoenmehl, Charles B., Waterbury, Conn. Zinc electrode.	848,570	Mar. 26	5707	1248	127	1525
Schoenner, Georg, Nuremberg, Germany. Compasses.	855,592	June 4	283	57	128	1768
Schoeppel, Joseph F., Baltimore, Md. Knockdown crate.	874,996	Dec. 31	5525	1153	131	2175
Schoeppel, Joseph F., Baltimore, Md. Tailor's temple for making patterns.	874,997	Dec. 31	5528	1153-4	131	2176
Schofield, Albert B., New York, N. Y., assignor, by mesne assignments, to Corporation Trust Company, trustee, Jersey City, N. J. Seal.	873,618	Dec. 10	2686	567	131	1632
Schofield, Arthur F., assignor of one-half to F. G. Sanford, Stafford Springs, Conn. Horseshoe.	859,846	July 9	2353	639	129	814
Schofield, Clarence W. (See Kamerzel and Schofield.)						
Schofield, Frank H., and A. Herd, Youngstown, Ohio; said Schofield assignor to said Herd. Skirt-marker.	842,713	Jan. 29	5989	1263	126	1674
Schofield, George E., Baltimore, Md. Optical tool.	875,383	Dec. 31	6278	1309	131	2299
Schofield, Harry, et al. (See Ross, Sidney J., assignor.)						
Schofield, Harry, assignor of two-thirds to S. J. Ross and O. P. Macfarlane, London, England. Steam-boiler.	842,024	Jan. 22	4480	963	126	1258
Schofield, James D., and C. T. Ray, Dallas, Tex., assignors to Texas Implement and Machine Company. Planter.	872,461	Dec. 3	310	62	131	1215
Schofield, Joseph A. (See Oldfield and Schofield.)						
Schofield, Richard, Toronto, Ontario, Canada, assignor to Birmingham Iron Foundry, Derby, Conn. Shearing-machine.	844,744	Feb. 19	4040	861-2	126	2865
Schofield, Robert, New Bedford, Mass., assignor to American Linen Company, New Haven, Conn. Machine for treating flax.	847,611	Mar. 19	3801	832-3	127	1021
Schofield, Silas C., Freeport, Ill., assignor to W. Petersen, Lyons, Iowa. Door and cupboard catch.	872,309	Nov. 26	4543	1076	131	1127
Schofield, William B. (See Bergendorf, Ferdinand, assignor.)						
Scholes, Charles R. (See Carr and Scholes.)						
Scholes, Daniel R., Chicago, Ill. Base for skeleton towers.	870,053	Nov. 5	281	76	131	96
Scholes, Daniel R., assignor to Aermotor Company, Chicago, Ill. Transmission-tower.	872,758	Dec. 3	922	192	131	1313
Scholey, Mathias J. (See Sheridan, Michele H., assignor.)						
Scholl, Edward P., Mount Sterling, Ill. Road-scraper.	871,639	Nov. 19	3123	775	131	877
Scholl, John, Joplin, Mo., assignor of one-half to A. B. Browns, Merino, Colo. Garment-hanger.	863,100	Aug. 13	1613	433-4	129	2617

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Scholl, Millard F., and M. F. Burkhart, West Newton, Pa. Truck.....	859,122	July 2	1245	333-4	129	420
Scholl, Roland H., Karlsruhe, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the Rhine, Germany. Dye of the anthraquinone series and making same.....	856,811	June 11	2684	.....	128	2408
Scholl, Roland H., Karlsruhe, and M. A. Kunz, Mannheim, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the Rhine, Germany. Preparing anthraquinone compounds.....	845,129	Feb. 26	4796	.....	126	3100
Scholler, Adolph. (See Scholler and Dempsey.)						
Scholler, Frederick C. and A., and J. C. Dempsey, Philadelphia, Pa. Singeing-machine.....	866,310	Sept. 17	2413	673	130	816
Scholz, Richard, Lorain, Ohio, assignor to National Tube Company, Pittsburg, Pa. Vertical tapping-machine.....	871,069	Nov. 12	1901	520-1	131	645
Schoneberger, John H., and G. W. Frazier, Allegheny, Pa., assignors to Pittsburgh Electrolytic Manufacturing Company. Electrolytic ship-bottom protector.....	872,759	Dec. 3	924	192	131	1313
Schönert, Carl, and R. Schweitzer, Newark, N. J. Bottle closure and seal.....	868,225	Oct. 15	1576	448	130	1837
Schönherr, Otto, and W. Gaus, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the Rhine, Germany. Making nitrites.....	871,640	Nov. 19	3124	775	131	877
Schönleber, Wilhelm, Strassburg, Germany. Heat-conductor.....	857,115	June 18	3262	687	128	2592
Schooley, Samuel, Tyro, Kans. Barn-door.....	864,699	Aug. 27	4074	1132	129	3445
Schoonmaker, Edward C., Perham, Minn. Cellular pneumatic tire.....	864,926	Sept. 3	259	69	130	82
Schoonmaker, John D., Camden, N. J. Trimmer for sewing-machines.....	857,491	June 18	3973	844-5	128	2771
Schoonmaker, Mary L., Rondout, N. Y. Clothes-hanger.....	843,633	Feb. 12	1603	339	126	2228
Schoonover, William. (See Detar and Schoonover.)						
Schopps Specialty Bag Co. (See Lause, Collett, Kepler, and Gruber, assignors.)						
Schorio, Antony, Passaic, N. J. Metallic envelop-seal.....	857,908	June 25	4803	1019	128	3009
Schorr, Robert, San Francisco, Cal. Briquetting-machine.....	852,457	May 7	145	25-6	128	44
Schott, Charles H., et al. (See Porter, Joseph I., assignor.)						
Schott, Florentine L., et al. (See Drucker, John F., assignor.)						
Schou, William. (See Busse and Schou.)						
Schouboe, Jens T. S., Holte, Denmark. Frame for pack-saddles.....	868,019	Oct. 15	1272	353	130	1745
Schoultz, Max von, St. Petersburg, Russia. Apparatus for searching of sunken bodies.....	840,018	Jan. 1	442	96	126	119
Schowalter, Edward J. (See Flegel, Harrison D., assignor.)						
Schrade, George, Walden, N. Y. Pocket-knife.....	845,130	Feb. 26	4797	1016	126	3100
Schrader, Ernest C., Knoxville, Pa. Glass-press.....	843,849	Feb. 12	1990	426-7	126	2326
Schrader, John R., Buffalo, N. Y., assignor to Buffalo Gas Generator and Manufacturing Company. Carbureter.....	843,554	Feb. 5	1446	305	126	2153
Schram, A. J. (See Bonham, Walter R., assignor.)						
Schraube, Conrad, and E. Schleicher, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the Rhine, Germany. Azo dye.....	860,575	July 16	3462	.....	129	1210
Schreck, Charles, Lancaster, Pa. Nut-lock.....	871,641	Nov. 19	3125	775	131	878
Schreck, Michael, Cincinnati, Ohio. Grinding-mill.....	856,918	June 11	2876	602	128	2533
Schreiber, Carl. (See Schreiber and Flaharida.)						
Schreiber, Carl, assignor of one-half to J. Bitzer, Chicago, Ill. Oval compasses.....	845,824	Mar. 5	177	34	127	47
Schreiber, Edward A., assignor to E. H. Gold, Chicago, Ill. Water-level indicator.....	860,830	July 23	3862	1059	129	1371
Schreiber, Emile, Atchison, Kans. Grain-door for cars.....	844,193	Feb. 12	2640	566	126	2485
Schreiber, Ernst G., Hammond, Ind. Potato-digging machine.....	853,601	May 14	2471	514-15	128	667
Schreiber, Ernst G., Hammond, Ind. Potato-planter.....	874,037	Dec. 17	3520	751	131	1802
Schreiber, Frank and C., and C. E. Flaharida, Zanesville, Ohio. Gas-furnace.....	866,688	Sept. 24	2967	841	130	1018
Schreiber, Gustav J. (See Labus and Schreiber.)						
Schreiber, Louis W., Bee, Nebr. Grain-door for cars.....	841,900	Jan. 22	4245	914	126	1202
Schreiber, Oscar, Zwickau, Germany. Double-lift jacquard mechanism for looms.....	845,271	Feb. 26	5075	1078	126	3170
Schreiber, Philip J., Toledo, Ohio. Egg-tester.....	842,428	Jan. 29	5361	1135	126	1521
Schreiber, Robert C., Fairmont, Minn. Road-smoother.....	843,369	Feb. 5	1075	222	126	2062
Schreiber, Theodore. (See Gilbert, William M., assignor.)						
Schreiber, William, Leavenworth, Kans. Husking-tool.....	874,444	Dec. 24	4386	923	131	1970
Schreidt, Frank, Mansfield, Ohio. Fishing-reel.....	865,613	Sept. 10	1347	382	130	441
Schreier, Emil. (See Galwey, John D., assignor.)						
Schreier, Herman, et al. (See Runge, Franz, assignor.)						
Schrenkler, Wm. (See Hanson, Frederick O., assignor.)						
Schrepel, Charles B., Coats, Kans. Twine-tension for binders.....	866,738	Sept. 24	3050	860	130	1052
Schrey, Ferdinand. (See Forkarth, Josef F., assignor.)						
Schrivver, Robert P., Philadelphia, Pa. Means for securing an electric-lamp receptacle to a support.....	863,320	Aug. 13	1955	527	129	2724
Schröder, Adolph, Hoboken, N. J., assignor to A. Krause, Berlin, Germany. Making sanitary carbonated ice.....	850,607	Apr. 16	3824	.....	127	2638
Schroder, George G., Washington, D. C., assignor to Industrial Alcohol Heat and Light Company. Denatured-alcohol heater.....	866,604	Sept. 17	2831	794-5	130	947
Schroder, George G., Washington, D. C., assignor to Industrial Alcohol Heat and Light Company. Denatured-alcohol cook-stove burner.....	866,605	Sept. 17	2833	795-6	130	947
Schröder, Hans W. C. (See Dräger and Schröder.)						
Schröder, Heinrich, et al. (See Graeve, Louis von, assignor.)						
Schröder, Hermann, Newark, N. J., assignor to H. Schroder Hornless Phonograph Manufacturing Company. Gramophone.....	864,758	Aug. 27	4158	1154	129	3470
Schröder, Ludwig, and A. Müller, Berlin, Germany. Alternating-current plant combined with storage battery.....	847,974	Mar. 19	4565	1003	127	1202
Schroeder, Adam, Sugar Creek township, Shelby county, Ind. Dumping-bucket.....	872,151	Nov. 26	4226	1008	131	1077
Schroeder, Albert J., Chicago, Ill. Milking-stool.....	866,818	Sept. 24	3177	892	130	1092
Schroeder, Albert F., Cleveland, Ohio. Electroplating apparatus.....	866,311	Sept. 17	2414	673-4	130	817
Schroeder, Adolph, assignor to A. Krause, Berlin, Germany. Sterilizing and preserving substances.....	850,606	Apr. 16	3822	.....	127	2638
Schroeder, Anton, St. Paul, Minn. Hinged hanger.....	839,963	Jan. 1	326	71	126	90
Schroeder, Charles D., Kansas City, Kans. Machine for making cement tiles, posts, pickets, &c.....	854,000	May 21	3317	683	128	920
Schroeder, Ernst H., Minier, Ill. Grain-conveyer.....	872,462	Dec. 3	312	63	131	1216
Schroeder, Ernst H., and H. V. Minier, Ill. Wagon-jack for portable grain dumps and elevators.....	842,714	Jan. 29	5992	1263-4	126	1674
Schroeder, Frederick W., London, England. Apparatus for shaping the ends of billiard-cues.....	840,716	Jan. 8	1864	411	126	521
Schroeder, Frederick W., London, England. Padlock.....	844,412	Feb. 19	3121	669	126	2645
Schroeder, Frederick W., Strand, London, England. Rib and rib-joint for umbrella and parasol frames.....	874,799	Dec. 24	5091	1072	131	2086
Schroeder, George G., Washington, D. C. Aerial transportation system.....	841,579	Jan. 15	3565	769-70	126	997
Schroeder, George G., Washington, D. C. Aerial transportation system for vessels.....	841,580	Jan. 15	3568	770-2	126	998
Schroeder, George G., Washington, D. C. Street-car propulsion.....	847,515	Mar. 19	3589	789-91	127	966
Schroeder, George G., Washington, D. C. Combination cement and metal fence-post.....	847,516	Mar. 19	3591	791	127	966
Schroeder, George G., Washington, D. C. Combination cement and metal fence-post.....	847,612	Mar. 19	3806	833	127	1022
Schroeder, George G., Washington, D. C., assignor to Industrial Transportation Company. Brake for aerial navigation.....	841,581	Jan. 15	3572	773	126	999

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Schroeder, George G., Washington, D. C., assignor to Industrial Transportation Company. Aerial system for mining purposes.	841,582	Jan. 15	3574	773-5	126	1000
Schroeder, George G., Washington, D. C., assignor to Industrial Transportation Company. Marine electric wharfage.	841,583	Jan. 15	3578	776	126	1001
Schroeder, George G., Washington, D. C., assignor to Industrial Alcohol Heat and Light Company. Denatured-alcohol gas-lamp.	860,996	July 23	4151	1137-8	129	1465
Schroeder, George G., Washington, D. C., assignor to Industrial Alcohol Heat and Light Company. Denatured-alcohol-gas student-lamp.	862,850	Aug. 6	1235	334	129	2462
Schroeder, George G., Washington, D. C., assignor to Industrial Alcohol Heat and Light Company. Hot-water heater.	862,851	Aug. 6	1237	334-5	129	2462
Schroeder, George G., Washington, D. C., assignor to Farm Motor Company. Traction attachment for moving objects.	870,472	Nov. 5	947	259	131	308
Schroeder, Henry V. (See Schroeder, Ernst H., and H. V.)						
Schroeder, Herman O., Millard, Neb. Mail-deliverer.	859,465	July 9	1772	475	129	628
Schroeder, Johann, assignor to Firm of Berliner Stickmaschinenfabrik Schirmer, Blau & Co., Berlin, Germany. Embroidering-machine.	872,152	Nov. 26	4227	1009	131	1077
Schroeder, John, Davenport, Iowa. Gearing.	856,812	June 11	2686	554-5	128	2409
Schroeder, John, Davenport, Iowa. Motor.	873,619	Dec. 10	2687	567	131	1632
Schroeder, Michael. (See Hebig, Harry C., assignor.)						
Schroeder, William S., Chicago, Ill. Car-coupling.	847,517	Mar. 19	3592	791-2	127	967
Schroeder, William S., assignor of one-half to C. H. Ferry, Chicago, Ill. Car-coupling.	858,762	July 2	688	183	129	238
Schroeder, William S., assignor to American Steel Foundries, Chicago, Ill. Car-coupling.	862,204	Aug. 6	150	42-3	129	2130
Schroeder, William S., Chicago, Ill., assignor to American Steel Foundries, Jersey City, N. J. Car-coupling. (Reissue)	12,679	Aug. 6	1261	342	129	2470
Schroeder, Richard C., Chicago, Ill. Automatic irrigator.	849,505	Apr. 9	1785	361-2	127	2078
Schroy, Lincoln, Brownsville, Ind. Rope-forming attachment for binders.	862,590	Aug. 6	831	221-2	129	2341
Schroyer, Charles A., Oak Park, assignor of one-half to W. A. Gardner, Evanston, Ill. Railway-car.	848,134	Mar. 26	4871	1063	127	1316
Schroyer, Charles F., Chicago, Ill. Lubricator.	852,039	Apr. 30	6745	1402	127	3443
Schroyer, Harry H., Chicago, Ill. Railway vestibule-diaphragm.	870,054	Nov. 5	282	76-7	131	96
Schubert, August, Snohomish, Wash. Portable crosscut-saw.	869,659	Oct. 29	3870	1060	130	2599
Schubert, Bernard F. (See Leder and Schubert.)						
Schubert, George, Fort Worth, Tex. Plunger for baling-presses.	848,054	Mar. 26	4741	1033	127	1284
Schubert, George, Fort Worth, Tex. Self-feeder for balers.	865,614	Sept. 10	1350	383	130	442
Schubert, George, Fort Worth, Tex. Self-feeding hay-press.	866,228	Sept. 17	2283	638	130	775
Schubert, George, Fort Worth, Tex. Self-feeding and power pull-back hay-press.	866,229	Sept. 17	2286	539	130	776
Schubert & Salzer Maschinenfabrik, Aktiengesellschaft, Firm of. (See Heinitz, Wolde-mar R., assignor.)						
Schubert, William, assignor to Regina Company, Rahway, N. J. Reproducer for phonographs.	865,435	Sept. 10	1046	298	130	:
Schuch, August, Waseca, Minn. Clasp.	865,434	Sept. 10	1045	298	130	:
Schuch, William, West Hoboken, N. J., assignor of one-half to G. H. Hyde, New York, N. Y. Sash-lock.	850,495	Apr. 16	3618	756-7	127	25
Schuchart, Paul A., assignor to Composite Pile Construction Company, New York, N. Y. Sheet-piling.	850,497	Apr. 16	3621	757	127	25
Schuchart, Paul A., and G. G. Brown, assignors to Composite Pile Construction Company, New York, N. Y. Sheet-piling.	850,496	Apr. 16	3620	757	127	25
Schucht, Max, Milwaukee, Wis. Clock-escapement.	851,034	Apr. 23	4646	975	127	28
Schudt, Hermann, Charlottenburg, Germany. Producing plastic composition.	873,960	Dec. 17	3360		131	17
Schuermann, Anton. (See Mueller and Schuermann.)						
Schuermann, Anton, assignor to H. Mueller Manufacturing Company, Decatur, Ill. Soft-metal gasket for service-clamps.	852,682	May 7	681	121	128	1
Schuermann, Anton C., assignor to H. Mueller Manufacturing Company, Decatur, Ill. Compression stop and waste.	843,496	Feb. 5	1309	275	126	21
Schuessler, Amile O. (See Raines and Schuessler.)						
Schuessler, Gustavus W., Mason, Tex. Telephone-signal.	840,589	Jan. 8	1628	357	126	4
Schuetz, Frank A., Chicago, Ill., assignor to Adams & Westlake Company. Signal-lan-tern burner.	864,803	Sept. 3	60	18	130	
Schuetz, Frank A., Chicago, Ill., assignor to Adams & Westlake Company. Candle-lamp.	865,950	Sept. 10	1868	523	130	6
Schuh, George H., and T. W. Hinton, Earl Park, Ind. Air-pump.	856,372	June 11	1854	381	128	21
Schuirmann, Ernst J. and T. R. Chenoa, Ill. Beater or mixer.	849,273	Apr. 2	1310	266	127	19
Schuirmann, Tido R. (See Schuirmann, Ernst J. and T. R.)						
Schüle, Rudolf, Frankfurt-on-the-Main, Germany. Red azo dye and making same.	873,798	Dec. 17	3042		131	17
Schuler, David, assignor to Spirella Company, Meadville, Pa. Garment-stay.	868,296	Oct. 15	1696	480	130	18
Schüler, Franz, Berlin, Germany. Variable-feed mechanism for type-writers.	844,289	Feb. 12	2852	508	126	25
Schüler, Franz, Berlin, Germany. Feed mechanism for type-writers.	865,214	Sept. 3	685	195	130	206
Schüler, Leo, assignor to Wagner Electric Manufacturing Company, St. Louis, Mo. Alternating-current motor.	871,189	Nov. 19	2161	576	131	728
Schuller Engineering Company. (See Schuller, Peter, assignor.)						
Schuller, Peter, Denver, Colo., assignor to Schuller Engineering Company. Rotary engine.	863,809	Aug. 20	2678	738-9	129	2983
Schulte, August K., Philadelphia, Pa. Cooker.	850,060	Apr. 9	2769	582	127	2325
Schulte, Julius, assignor to H. Putsch & Co., Hagen, Westphalia, Germany. Beet-root-cutting machine.	864,109	Aug. 20	3117	862-3	129	3118
Schulthess, Oscar, Berlin, and L. Kerkovius, Friedenau, near Berlin, assignors to Actien Gesellschaft für Anilin Fabrikation, Berlin, Germany. Amido-oxy-sulfonic acid of phenyl-naphthimidazol and making same.	851,444	Apr. 23	5474		127	3092
Schultis, Charles F., Warren, assignor to J. B. King, Mantua, Ohio. Die-stock.	848,401	Mar. 26	5386	1175	127	1444
Schultz, Alva L., Pocahontas, Iowa. Manifold sales-book.	867,610	Oct. 8	589	168	130	1514
Schultz, Charles, Chicago, Ill. Explosive-engine.	851,779	Apr. 30	6156	1286	127	3292
Schultz, Charles L., Wheeling, W. Va. Steam-engine.	853,565	May 14	2402	501	128	650
Schultz, Christoffer J., Flensburg, Germany. Device for cleaning frozen window-glasses and for preventing them from freezing.	842,979	Feb. 5	268	59	126	1857
Schultz, Edward, Chenoa, Ill. Harrow attachment.	869,660	Oct. 29	3872	1060	130	2599
Schultz, Emil, Berlin, Germany. Electric self-winding clock.	866,076	Sept. 17	2076	579	130	709
Schultz, Ferdinand H., and M. H. Berkemeir, Treynor, Iowa. Index-machine.	854,110	May 21	3553	733	128	977
Schultz, George F. (See Wells, Elmer J., assignor.)						
Schultz, George W., St. Davids, Pa. Engine fly-wheel.	860,336	July 16	3103	848	129	1090
Schultz, Harry C., Rutledge, Pa., assignor of one-half to W. A. Flamm, Baltimore, Md. Display-package.	843,419	Feb. 5	1147	240	126	2079
Schultz, Henry E., Elkins Park, Pa. Attachment for sewing-machines.	860,064	July 16	2706	737	129	960
Schultz, Jerseemann Manufacturing Company. (See Jerseemann, Max, assignor.)						
Schultz, John, Chicago, Ill. Blow-gun.	856,813	June 11	2688	555	128	2409
Schultz, John A., Jr., Newark, N. J. Pressure-regulator.	856,989	June 11	3009	632-3	128	2488
Schultz, Mack, Buffalo, N. Y. Protective device.	840,717	Jan. 8	1864	411	126	522

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Schultz, William J., Cincinnati, Ohio. Loose-leaf book-back	854,181	May 21	3688	763	128	1911
Schultz, William L., New York, N. Y. Non-refillable bottle	857,366	June 18	3739	791	128	2712
Schultze, Gustav F. W., Oakland, Cal., assignor to Schultze Novelty Co. Racing-game apparatus	870,473	Nov. 5	949	260	131	309
Schultze Novelty Co. (See Schultze, Gustav F. W., assignor.)						
Schulz, August H., New York, N. Y. Adjusting attachment for shade-rollers	859,904	July 9	2443	664	129	840
Schulz, Fritz, Chicago, Ill. Thrust-bearing	848,773	Apr. 2	313	64	127	1606
Schulz, Fritz, Chicago, Ill. Lathe and shaper tool	872,760	Dec. 3	926	193	131	1314
Schulz, Henry T., et al. (See Lynch, Daniel O., assignor.)						
Schulz, Justus J., Chicago, Ill. Comb	844,413	Feb. 19	3122	670	126	2645
Schulz, Otto, Pittsburg, Pa. Vehicle-brake	854,326	May 21	4058	838	128	1110
Schulz, Otto C., assignor to Bauer & Black, Chicago, Ill. Box	852,458	May 7	147	26	128	45
Schulz, Otto C., assignor to Bauer & Black, Chicago, Ill. Receptacle for antiseptic bandages	857,680	June 25	4342	918	128	2896
Schulz, Otto C., assignor to Bauer & Black, Chicago, Ill. Receptacle for antiseptic bandages	872,379	Dec. 3	128	24	131	1187
Schulz, Richard, Berlin, Germany. Means for regulating turbines	845,583	Feb. 26	5674	1203	126	3317
Schulz, Richard, Berlin, Germany. Fastening of blades in turbines	845,901	Mar. 5	363	73-4	127	94
Schulz, Richard, Berlin, Germany. Steam-turbine	845,980	Mar. 5	526	108-9	127	136
Schulz, Richard, Berlin, Germany. Packing for rotating machine parts	849,576	Apr. 9	1910	391	127	2111
Schulz, Richard, Berlin, Germany. Steam-turbine	844,199	Aug. 27	3275	908	129	3196
Schulz, Richard, Berlin, Germany. Steam-turbine	867,611	Oct. 8	590	168-9	130	1514
Schulz, Richard, Berlin, Germany. Steam-turbine	868,134	Oct. 15	1441	405	130	1796
Schulz, Wilhelm, Houston, Tex. Flexible metallic hose	856,427	June 11	1971	405-6	128	2228
Schulz, William C., Indianapolis, Ind. Hair-comb	861,398	July 30	4794	1314	129	1708
Schulze, Edmund, Lyons, Nebr. Hay-stacker	853,640	May 14	2579	536	128	695
Schulze, Friedrich, Hanover, Germany. Potato-digging machine	861,771	July 30	5360	1479	129	1879
Schulze, Hermann, Bernburg, Germany. Producing porous barium oxid.	870,691	Nov. 12	1296	354	131	455
Schumacher, Albert. (See Ebinghaus and Schumacher.)						
Schumacher, Eberhard, and J. H. Tyson, Darlington, England. Means for making hollow metal articles	840,091	Jan. 1	600	130	126	159
Schumacher, Henry, Dayton, Ohio. Machine for sizing tobacco-leaves	844,049	Feb. 12	2360	505-7	126	2416
Schumacher, Peter, assignor to Klimsch & Co., Frankfort-on-the-Main, Germany. Treating photographic prints	846,954	Mar. 12	2491		127	663
Schumacher, Walter, Dusseldorf, Germany. Apparatus for separating and discharging oil	849,429	Apr. 9	1607	326	127	2035
humacher, Wilhelm, Osnabrück, Germany, assignor to E. Thalmann, New York, N. Y. Production of coherent bodies from comminuted substances	855,419	May 28	6097		128	1652
humacher, Wilhelm, Osnabrück, Germany, assignor to E. Thalmann, New York, N. Y. Agglomerating materials	859,411	July 9	1702		129	604
humacher, Wilhelm, Osnabrück, Germany, assignor to E. Thalmann, New York, N. Y. Agglomerated body	864,804	Sept. 3	61		130	22
humacher, Wilhelm, Oberdollendorf, Germany, assignor to E. Thalmann, New York, N. Y. Agglomerating pulverulent iron ores	862,666	Aug. 6	943		129	2375
humacher, William, Camden, N. J. Reversible sign for automobiles and like purposes	874,998	Dec. 31	5529	1154	131	2176
humacher, Willy, assignor to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Ortho-oxy-monoazo dye	846,511	Mar. 12	1608		127	438
human, James B., et al. (See Sharpe, Joseph K., Jr., assignor.)						
human, James B., assignor of one-half to A. Boice, Indianapolis, Ind. Pneumatic stacker	858,630	July 2	482	124	129	168
human, James B., assignor to J. B. Schuman, J. K. Sharpe, Jr., Indianapolis, Ind., and T. King, Quincy, Mass. Shock-handling attachment for crop-treating machines	840,019	Jan. 1	445	97	126	120
hum, Fred. (See Glad, George H., assignor.)						
hunack, Arthur, et al. (See Abel, Willy, assignor.)						
hunder, John F. (See Tombragel and Schunder.)						
huneman, John H., Cedar Falls, Iowa. Hay-rack	840,663	Jan. 8	1758	387	126	494
hupmann, Ludwig, Aix-la-Chapelle, Germany. Projectile for rifled firearms	871,825	Nov. 26	3506	858	131	967
huppe, Max, assignor to B. F. Seadler, New York, N. Y. Blacking and paste receptacle and attachment therefor	840,664	Jan. 8	1759	387	126	495
huppe, Max, assignor to B. F. Seadler, New York, N. Y. Electric-circuit controller	858,222	June 25	5453	1164	128	3177
huppe, Max, assignor to B. F. Seadler, New York, N. Y. Boot and shoe polishing machine	875,115	Dec. 31	5749	1199-1200	131	2214
hureman, Jacob L., Chicago, Ill. Controlling means for fluid-reservoirs	840,163	Jan. 1	755	165	126	205
hureman, Jacob L., Chicago, Ill. Magnetic switch	861,679	July 30	5213	2432	129	1837
hureman, Jacob L., assignor to Appliance Manufacturing Company, Chicago, Ill. Vehicle-fender	875,556	Dec. 31	6604	1380	131	2353
Schuring, Harm, Washington, D. C. Saw-oiling device	856,734	June 11	2550	524	128	2274
Schürmann, Eduard, Kötzenbroda, near Dresden, Germany. Cigarette-making machine	853,650	May 14	2581	536	128	695
Schurr, Wilhelm, Cannstatt, near Stuttgart, Germany. Car-coupling	868,768	Oct. 22	2378	639	130	2113
Schussler, John H., Chicago, Ill. Roller for platen printing-presses	860,576	July 16	3463	952	129	1210
Schussler, John H. Chicago, Ill. Vibrating distributing-roller for platen-presses	875,116	Dec. 31	5757	1200	131	2214
Schuster, August O. (See Edwards, William E., assignor.)						
Schutt, Charles, Bay Port, Mich. Device for leveling hay	854,608	May 21	4479	934	128	1213
Schutt, Duna A., Peru, Ind. Grain-drill	840,020	Jan. 1	448	97-8	126	121
Schütt, Franz, Jr., Öhringen, Germany. Air-tight cover for sheet-metal cans	862,022	July 30	5723	1589	129	1991
Schütte, Johann, Bremerhaven, Germany. Steam-generator	843,497	Feb. 5	1311	276	126	2121
Schütte, Johann, Bremerhaven, Germany. Instrument for recording and measuring vibrations	859,123	July 2	1247	334	129	421
Schutte and Koerting Company. (See Fischer and Knauf assignors.)						
Schutte and Koerting Company. (See Schutte, Louis, assignor.)						
Schutte, Louis, assignor to Schutte and Koerting Company, Philadelphia, Pa. Gate-valve	869,525	Oct. 29	3650	1001	130	2531
Schutte, Louis, deceased, Philadelphia, Pa.; Guarantee Trust & Safe Deposit Co. and M. D. Schutte, executors, assignors to Schutte and Koerting Company, Philadelphia, Pa. Safety-valve	869,524	Oct. 29	3649	1001	130	2530
Schutte, Mary D., et al., executors. (See Schutte, Louis.)						
Schutterle, Fred, Marengo, Iowa. Husking implement	868,629	Oct. 15	2248	623	130	2046
Schütz, Conrad, assignor of one-half to C. B. Stretch, Jr., Philadelphia, Pa. Sewing-machine	866,689	Sept. 24	2968	841	130	1018
Schutz, Joseph M., assignor to Schutz-O'Neill Co., Minneapolis, Minn. Gyrating machine	859,412	July 9	1703	453	129	604
Schutz-O'Neill Co. (See Schutz, Joseph M., assignor.)						
Schutz, Rudolph G., Cranston, assignor to United Time and Supply Company, Providence, R. I. Hinge pin and joint	843,038	Feb. 5	298	86	126	1893
Schuyler, Albert B., Rochester, N. Y. Carbur	842,423	Jan. 29	5363	1135	126	1521
engines						

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Schuyler, Daniel. (See Laughlin and Schuyler.)						
Schuyler, Daniel, San Diego, assignor to Perfect Sliding Door Company, Los Angeles, Cal. Semi metallic wall structure for sliding doors.	851,780	Apr. 30	6159	1286-7	127	3293
Schuyler, Daniel, San Diego, assignor to Perfect Sliding Door Company, Los Angeles, Cal. Door-hanger and roller-support for edgewise-movable doors.	867,612	Oct. 8	593	169	130	1515
Schuyler, Daniel, assignor to Progressive Business Co., San Diego, Cal. Corn and fruit spoon.	868,583	Oct. 15	2159	604	130	2020
Schuyler, Daniel, assignor to Perfect Sliding Door Company, Los Angeles, Cal. Fastener for edgewise-moving closures.	867,537	Oct. 1	472	136	130	1460
Schuyler, Daniel, Bridgeport, Conn., and H. Laughlin, Jr., assignors to Perfect Sliding Door Company, Los Angeles, Cal. Combination hanger and track for edgewise-movable doors.	856,607	June 11	2311	475-6	128	2314
Schuyler, Edward, and J. A. Hyle, assignors of one-third to said Schuyler, thirteen forty-eighths to said Hyle, thirteen forty-eighths to W. A. Hyle, and one-eighth to G. C. Hyle, Syracuse, N. Y. Vehicle-wheel.	864,110	Aug. 20	3118	863	129	3118
Schuyler, Frank B., San Francisco, Cal. Wedge splitting and shaving machine.	850,546	Apr. 16	3709	775	127	2610
Schuyler, Sarah G. (See Chapin, Mary G., assignor.)						
Schwab, Howard. (See Congrove, Hilas V., assignor.)						
Schwab, Isaac M., Savannah, Ga. Eyeglasses.	858,477	July 2	198	46	129	74
Schwab, Martin C., Baltimore, Md. Carrier for pneumatic-despatch tubes.	863,456	Aug. 13	2139	577	129	2782
Schwab, Martin C., Baltimore, Md., assignor to Gravity Conveyor Company. Combined conveyor and staircase.	848,774	Apr. 2	314	64	127	1666
Schwab, Martin C., Baltimore, Md., assignor to Gravity Conveyor Company. Combined conveyor and staircase.	849,340	Apr. 2	1445	293	127	1955
Schwab, Martin C., Baltimore, Md., assignor to Gravity Conveyor Company. Door for conveyers.	852,459	May 7	149	26	128	46
Schwab, Martin C., Baltimore, Md., assignor to Gravity Conveyor Company. Combination-door for conveyers.	852,460	May 7	150	27	128	46
Schwab, Martin C., Baltimore, Md., assignor to Gravity Conveyor Company. Package-conveyor.	868,020	Oct. 15	1273	353	130	1745
Schwabe, Bernhard A., Abrams, Wis. Hose-coupling.	872,463	Dec. 3	316	63	131	1216
Schwabek, George G., assignor to himself and F. J. Nekarada, New York, N. Y. Air-ship.	848,055	Mar. 26	4742	1034	127	1285
Schwamberger, Ernest. (See Thomson and Schwamberger.)						
Schwanhauser, William, assignor to Henry R. Worthington, New York, N. Y. Surface condenser.	862,515	Aug. 6	693	187-8	129	2302
Schwanzara, Henry, Chicago, Ill. Fruit and vegetable press.	859,585	July 9	1960	529	129	688
Schwartz, Aaron, assignor to Automatic Rapid Unloading Company, Boston, Mass. Apparatus for unloading vessels.	860,942	July 23	4044	1107-8	129	1429
Schwartz, Charles W., Jr., assignor to Philadelphia Textile Machinery Company, Philadelphia, Pa. Drier.	842,025	Jan. 22	4483	963	126	1258
Schwartz, Edward H., Chicago, Ill. Rail-joint.	842,815	Jan. 29	6184	1306	126	1721
Schwartz, Edward H., assignor to Hawley Down Draft Furnace Company, Chicago, Ill. Furnace.	871,070	Nov. 12	1903	521	131	645
Schwartz, Edward H., assignor to Hawley Down Draft Furnace Company, Chicago, Ill. Melting.	871,071	Nov. 12	1905	522	131	646
Schwartz, Frank D. (See Ambrose and Schwartz.)						
Schwartz, Herman M., assignor to Florence Manufacturing Company, Northampton, Mass. Making toilet-mirrors and other like articles.	846,148	Mar. 5	883	186	127	225
Schwartz, John. (See Crook and Schwartz.)						
Schwartz, John F., Alma, Mich. Tile.	869,266	Oct. 29	3225	888	130	2401
Schwartz, Morris, et al. (See Rittersbach, George W., assignor.)						
Schwartz, Morris M., North Bergen, N. J. Scale.	857,416	June 18	3825	811	128	2734
Schwartz, Wilhelm, Essen-Rüttenscheid, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Percussion-fuse.	852,803	May 7	881	179	128	225
Schwartz, William J., administrator. (See Schwartz, John.)						
Schwarz, Alfred, New York, N. Y. Electrolytic refining of metals.	842,254	Jan. 23	4964	1060	126	1410
Schwarz, Alfred, New York, N. Y. Magnetic separator.	871,298	Nov. 19	2414	625	131	766
Schwarz, Alfred, New York, N. Y. Magnetic separator.	871,301	Nov. 19	2419	626	131	767
Schwarz, Alfred, New York, N. Y. Magnetic separator.	871,365	Nov. 19	2549	655	131	788
Schwarz, Alfred, New York, N. Y. Magnetic separator.	871,367	Nov. 19	2553	656	131	788
Schwarz, Alfred, New York, N. Y. Concentrating ores.	871,368	Nov. 19	2555	656-7	131	789
Schwarz, Alfred, New York, N. Y. Ore-concentrating table.	871,369	Nov. 19	2559	657	131	789
Schwarz, Alfred, New York, N. Y., assignor to Schwarz Ore Treating Company, Phoenix, Ariz. Ter. Concentrating ores.	842,255	Jan. 29	4965	1060	126	1410
Schwarz, Alfred, assignor to Schwarz Engineering Company, New York, N. Y. Tailings-discharge valve.	871,299	Nov. 19	2416	625	131	766
Schwarz, Alfred, assignor to Schwarz Engineering Company, New York, N. Y. Leaching ores.	871,300	Nov. 19	2418	626	131	766
Schwarz, Alfred, assignor to Schwarz Engineering Company, New York, N. Y. Tailings-settler.	871,366	Nov. 19	2552	656	131	788
Schwarz, Conrad, and J. Bortzner, assignors to N. Wiederer & Co., Fürth, Germany. Grinding-machine for glass plates.	852,626	May 7	502	93	128	132
Schwarz Engineering Company. (See Schwarz, Alfred, assignor.)						
Schwarz, Fredrick J., Jr. (See Rockie and Meredith, assignors.)						
Schwarz, Georg, Eisenach, Germany. Ammunition-box.	847,833	Mar. 19	4272	936	127	1133
Schwarz, Georg, Eisenach, Germany. Case for holding ammunition.	848,500	Mar. 26	5504	1215	127	1489
Schwarz, Helena A., Waterbury, Conn. Clamping device for curtain-stretchers.	869,332	Oct. 29	3343	919	130	2436
Schwarz, Helena A., Waterbury, Conn. Curtain-stretcher.	875,292	Dec. 31	6098	1272-3	151	2270
Schwarz, Herman. (See Taylor, Eaton, and Schwarz.)						
Schwarz Ore Treating Company. (See Schwarz, Alfred, assignor.)						
Schwarz, Wilhelm, Düren, Germany. Drawer-guide.	861,680	July 30	5214	1432	129	1857
Schwarz, Wilhelm, assignor to H. Witzemann, Pforzheim, Germany. Metallic-hose-winding machine.	849,858	Apr. 9	2436	497	127	2244
Schwarz, William C., Edwardsville, Ill. Hydraulic transmission device.	858,109	June 25	5249	1114	128	3125
Schwarz, William C., Edwardsville, Ill. Motor-vehicle.	873,620	Dec. 10	2689	568	131	1633
Schwarz, William C., Edwardsville, Ill. Controlling-valve for hydraulic transmission devices.	873,621	Dec. 10	2691	568-9	131	1633
Schwarzberg, Hans, and E. Noa, Berlin, Germany. Producing a horn-like mass.	864,288	Aug. 27	3546		129	3278
Schwarzkopf, Charles, St. Louis, Mo. Flower-pot machine.	850,323	Apr. 16	3274	683	127	2499
Schwarzlose, Andreas W., Charlottenburg, Germany. Automatic gun.	863,101	Aug. 13	1614	434-5	129	2617
Schwarzschild, Solomon, Rochester, N. Y. Overshoe.	868,135	Oct. 15	1443	405	130	1796
Schwarzschild, Solomon, assignor to Emergency Rubber Company, Rochester, N. Y. Overshoe.	858,031	June 25	5081	1076	128	3080
Schwed, Florence F., Plainfield, N. J. Bottle.	860,337	July 16	3105	848	129	1091
Schweeder, Kurt W. O., Johannesburg, Transvaal. Instrument for surveying bore-holes.	856,990	June 11	3011	633	128	2488
Schwehm, Peter, Hanover, Germany. Valve for gas-engines.	860,608	July 16	3521	968	129	1228

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Schweinert, Maximilian C., West Hoboken, N. J., and H. P. Kraft, New York, N. Y. Manufacture of dust-caps for tire-valves and the like.	851,781	Apr. 30	6169	1287	127	3295
Schweinert, Maximilian C., West Hoboken, N. J., and H. P. Kraft, New York, N. Y. Tire or other valve.	854,182	May 21	3691	764	128	1012
Schweinert, Maximilian C., West Hoboken, N. J., and H. P. Kraft, New York, N. Y. Water-bottle stopper.	860,698	July 23	3673	1006	129	1310
Schweinler, Henry R. (See Schmidt and Schweinler.)						
Schweinler, Henry R., New York, N. Y., assignor to Voightmann and Company, Chicago, Ill. Window.	853,902	May 14	3113	638	128	829
Schweitzer, Edmund O., assignor of one-half to J. J. Schayer, Chicago, Ill. Electric compensator.	870,253	Nov. 5	597	160	131	196
Schweitzer, Edmund O., and A. Herz, Chicago, Ill. Circuit-changer.	859,621	July 9	2013	543	129	706
Schweitzer, Robert. (See Schönert and Schweitzer.)						
Schwenck, Henry, New York, N. Y. Meat-cutter.	845,584	Feb. 26	5677	1203	126	3317
Schwendener, Henry. (See Ames and Schwendener.)						
Schwendner, Max, Reading, Pa. Engineer's wrench.	864,805	Sept. 3	62	18	130	22
Schwendner, Max, Reading, Pa. Wrench.	864,806	Sept. 3	63	18	130	22
Schwene, William, Ogden, Iowa. Sheet-metal coaster brace and beam.	856,919	June 11	2877	602	128	2454
Schwenk, John C. (See Lux and Schwenk.)						
Schwendow, Fred, Milwaukee, Wis. Carpet stretcher and sizer.	872,087	Nov. 26	4107	983	131	1056
Schwertner, Frank A., Canton, Ohio. Globe-lifting attachment for lanterns.	840,261	Jan. 1	955	208	126	259
Schwickerath, Karl, Bonn, Germany. Making a proteose preparation.	860,414	July 16	3224		129	1129
Schwidewski, Paul, assignor to Arlt and Fricke, Berlin, Germany. Hair-drying apparatus.	841,584	Jan. 15	3579	777	126	1001
Schwieger, Arnold, Oberschöneweide, near Berlin, Germany. Hydraulic press.	861,194	July 23	4436	1216	129	1557
Schwin, Otto C. A., Davenport, Iowa. Wire-stretcher.	844,194	Feb. 12	2642	566	126	2486
Schwiete, Peter, St. Louis, Mo. Mortar-making machine.	874,252	Dec. 17	4000	844	131	1874
Schwinker, John R., New York, N. Y., assignor to Meyrowitz Manufacturing Company. Making bifocal lenses.	869,938	Nov. 5	91	27	131	31
Scientific Preservation Company. (See Aaron and Hamilton, assignors.)						
Scilley, Hugh. (See Heilig and Reed, assignors.) (Reissue.)						
Sciple, Henry M. (See Myers, McClelland, assignor.)						
Sciple, Henry M., San Francisco, Cal. Sectional pole for telephone, telegraph, and trolley wires.	841,344	Jan. 15	3134	676	126	886
Sciple, Henry M., San Francisco, Cal. Cross-arm for carrying telegraph, telephone, or other wires and ropes.	855,138	May 28	5591	1163	128	1524
Sciple, Henry M., San Francisco, Cal., assignor of one-half to S. Mahoney, Minneapolis, Minn. Vibrator.	856,920	June 11	2878	602	128	2454
Scoda, F. J. Oscar. (See Struller, Otto, assignor.)						
Scotfield, Edson M., Philadelphia, Pa. Reinforced concrete construction.	849,922	Apr. 9	2545	527	127	2272
Scotfield, Edson M., Philadelphia, Pa. Reinforcing-bar for concrete structures.	855,204	May 28	5716	1190	128	1556
Scotfield, Edward J., et al. (See Boyer, Martin, assignor.)						
Scotfield, Fred N., Kern, Cal. Oil-well cleaner.	848,501	Mar. 26	5567	1215	127	1490
Scotfield, Hyrum P., Fishhaven, Idaho. Guard.	856,814	June 11	2689	555	128	2410
Scotfield, William B., et al. (See Tillman, Thomas W., assignor.)						
Scoggin, Roy W., Millington, Ill. Type-writer attachment.	840,384	Jan. 1	1220	266	126	321
Scoggins, Jesse C., Wichita, Kans. Trestle.	860,943	July 23	4046	1108	129	1430
Scognamiglio, Salvatore, New York, N. Y. Machine for forming flexible tubing.	871,241	Nov. 19	2281	597	131	746
Scollard, Thomas F. (See Nelson and Scollard.)						
Scollard, Thomas F., Warsaw, Ind. Steam-generator.	854,913	May 28	5124	1066	128	1409
Scott, Alvin B. and O. J., assignors to Model Glass Works, Summitville, Ind. Machine for making hollow glassware.	863,946	Aug. 20	2877	792-3	129	3045
Scott, Andrew. (See Nathan, Thomson, Rintoul, and Scott.)						
Scott, Archibald D. (See Varley and Scott.)						
Scott, Arthur H., Philadelphia, Pa. Package of toilet-paper.	843,771	Feb. 12	1846	393	126	2290
Scott, Arthur H., Philadelphia, Pa. Cabinet for dispensing toilet-paper.	863,662	Aug. 20	2456	676	129	2912
Scott, Arthur H., Philadelphia, Pa. Supporting device for toilet-paper packages.	805,436	Sept. 10	1047	299	130	347
Scott, Barton W., San Jose, Cal. Acetylene-gas generator.	842,345	Jan. 29	5165	1098	126	1463
Scott, Barton W., San Jose, Cal. Drag-saw.	870,474	Nov. 5	952	260-1	131	109
Scott, Bertram N., Detroit, Mich. File.	806,391	Sept. 17	2534	706	130	854
Scott, Braxton L., Washington, D. C. Electric-arc lamp.	841,820	Jan. 22	4085	878	126	1165
Scott, Burton W., assignor to Kemiveld Can Company, Detroit, Mich. Feeding and tension mechanism.	870,199	Nov. 5	514	140-1	131	168
Scott, Charles H. (See McQueen, Finlay R., assignor.)						
Scott, Charles H., New York, N. Y. Arm-scyce bust-form.	842,715	Jan. 29	5995	1264	126	1675
Scott, David J. (See Scott, Walter and D. J.)						
Scott, F. A. (See Marvel and Ashman, assignors.)						
Scott, Edward, Pittsburg, Pa. Rotary engine.	871,527	Nov. 19	2924	730	131	843
Scott, Francis E., Centerville, Ind. Store-service extension-ladder.	860,065	July 16	2709	737	129	961
Scott, George, Amsterdam, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Necking garments.	857,492	June 18	3975	845	128	2771
Scott, George L., Poplar Bluff, Mo. Incubator.	875,557	Dec. 31	6606	1381	131	2353
Scott, George M., Dunedin, New Zealand. Sash-fastener.	861,681	July 30	5215	1433	129	1837
Scott, George W., et al. (See Stoops, William B., assignor.)						
Scott, George W., Troy, Ohio. Adjustable storm-front for vehicles. (Reissue.)	12,613	Feb. 26	5996	1266	126	3398
Scott, George W., Chicago, Ill. Car construction.	859,896	July 9	2428	660-1	129	836
Scott, George W. and J. Deady, Troy, Ohio; said Deady assignor to said Scott. Whip-actuating device.	842,026	Jan. 22	4484	963	126	1258
Scott, George W., and O. A. Thelin, Chicago, Ill., assignors to National Malleable Castings Company, Cleveland, Ohio. Draft-gear rigging.	850,498	Apr. 16	3622	758	127	2587
Scott, Herbert G., Sydney, New South Wales, Australia. Automatic water-feed for acetylene-gas generators.	852,461	May 7	153	27	128	47
Scott, Hermon C., assignor of one-half to W. W. Zent, Ritzville, Wash. Weed-cutter.	842,119	Jan. 22	4658	1000	126	1301
Scott, Jacob R., North Weymouth, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Abrading device.	868,021	Oct. 15	1276	353	130	1746
Scott, James, Pittsburg, Pa. Sintering ores.	865,658	Sept. 10	1404	398	130	458
Scott, James, Pittsburg, Pa. Sintering ores.	865,659	Sept. 10	1406	398-9	130	458
Scott, James, assignor of one-half to New England Electric Company, Denver, Colo. Water-motor.	849,859	Apr. 9	2438	498	127	2245
Scott, James E., Rugby, N. D. Bake-oven.	853,323	May 14	1951	403	128	534
Scott, James L., Lair, Ky. Pad.	860,498	July 16	3342	916	129	1169
Scott, James W., Oswego, N. Y. Card-feeder.	853,602	May 14	2474	515	128	668
Scott, John A., Marinette, Wis. Wrench.	855,866	June 4	8 3	172	128	1902
Scott, John C., assignor to International Sprinkler Company, Philadelphia, Pa. Hood for automatic sprinkler-heads.	855,205	May 28	5718	1190	128	1556
Scott, John C., assignor to International Sprinkler Company, Philadelphia, Pa. Deflector for automatic sprinkler-heads.	868,366	Oct. 15	1812	510	130	1907

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Scott, John G., Girardville, Pa. Shackle for transmission-ropes.	875,293	Dec. 31	6103	1273	131	2270
Scott, John L., assignor of one-half to H. C. Miller, Pittsfield, Ill. Wire-stretching tool.	874,253	Dec. 17	4002	845	131	1875
Scott, John M., Racine, Wis. Railway-bumper.	842,346	Jan. 23	5167	1098	126	1464
Scott, John R., Oakland, Cal. Handhold-strap for automobiles.	855,139	May 28	5592	1163	128	1524
Scott, John R., Oakland, Cal. Fare-register attachment.	867,085	Sept. 24	3585	1017	130	1216
Scott, John R., Oakland, Cal. Device for resealing bottles.	872,153	Nov. 26	4229	1009	131	1077
Scott, John W. (See Wells, James R. and A., assignors.)						
Scott, Lorenzo D., East Machias, Me. Hoop-making machine.	848,692	Apr. 2	142	30	127	1624
Scott, Lucius W., Boston, Mass. Muff-holder.	867,307	Oct. 1	119	36	130	1350
Scott, Marvin M., et al. (See Law, Thomas W., assignor.)						
Scott, Montezuma, Chicago, Ill. Fan-support.	859,181	July 2	1338	355	129	452
Scott, Orla J. (See Scott, Alvin B. and O. J.)						
Scott, Percy, Montreal, Quebec, Canada. Roasting-pan.	875,117	Dec. 31	5761	1200	131	2215
Scott, Robert F. (See Coes and Scott.)						
Scott, Robert W., et al. (See Morley, Joseph D., assignor.)						
Scott, Robert W., et al. (See Swinglehurst, Harry, assignor.)						
Scott, Robert W. (See Williams, Louis N. D., assignor.)						
Scott, Robert W., et al. (See Williams and Swinglehurst, assignors.)						
Scott, Robert W., et al. (See Williams and Swinglehurst, assignors.)						
Scott, Robert W., Leeds Point, N. J., assignor of one-half to L. N. D. Williams, Ogontz, Pa. Knitted fabric.	846,353	Mar. 5	1258	276	127	316
Scott, Robert W., Leeds Point, N. J., assignor of one-half to L. N. D. Williams, Ogontz, Pa. Ribbed knitted fabric.	846,428	Mar. 5	1429	316	127	361
Scott, Robert W., Leeds Point, N. J., assignor of one-half to L. N. D. Williams, Ogontz, Pa. Ribbed knitted fabric.	846,429	Mar. 5	1430	317	127	361
Scott, Robert W., Leeds Point, N. J., assignor of one-half to L. N. D. Williams, Ogontz, Pa. Open-work knitting-machine.	846,430	Mar. 5	1431	317-18	127	361
Scott, Robert W., Leeds Point, N. J., assignor of one-half to L. N. D. Williams, Ogontz, Pa. Open-work knitting-machine.	846,431	Mar. 5	1436	318-19	127	362
Scott, Robert W., Leeds Point, N. J., assignor of one-half to L. N. D. Williams, Ogontz, Pa. Hosiery and the manufacture of the same.	864,432	Aug. 27	3611	1002-3	129	3300
Scott, Robert W., Leeds Point, N. J., assignor of one-half to L. N. D. Williams, Ogontz, Pa. Hosiery and making same.	864,433	Aug. 27	3614	1003	129	3302
Scott, Robert W., Leeds Point, N. J., assignor of one-half to L. N. D. Williams, Ogontz, Pa. Open-work knitted web.	865,660	Sept. 10	1407	399	130	459
Scott, Robert W., Leeds Point, N. J., assignor of one-half to L. N. D. Williams, Ogontz, Pa. Hosiery and the manufacture of same.	868,815	Oct. 22	2544	701	130	2163
Scott, Robert W., Leeds Point, N. J., assignor of one-half to L. N. D. Williams, Ogontz, Pa. Rib-knitted fabric.	869,986	Nov. 5	168	44-6	131	57
Scott, Robert W., Philadelphia, assignor of one-half to L. N. D. Williams, Ogontz, Pa. Fleece-rib-knitting machine.	849,701	Apr. 9	2128	437-9	127	2165
Scott, Robert W., Philadelphia, assignor of one-half to L. N. D. Williams, Ogontz, Pa. Stocking.	852,350	Apr. 30	7298	1534	127	3581
Scott, Rumsey W. (See Ihlder and Scott.)						
Scott, Thomas F., Everett, Mass. Compressed-air-cushion mechanism for automobiles.	864,141	Aug. 20	3174	877	129	3134
Scott, Thomas S., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Means for securing wheels to shafts or axles.	861,143	July 23	4357	1194	129	1531
Scott, Victor, and C. Wolf, Brookings, Ind. Washer for vehicle-spindles.	844,545	Feb. 19	3402	733	126	2714
Scott, Waller, Richmond, Va. Washboard.	866,892	Sept. 24	3277	922	130	1122
Scott, Waller, Richmond, Va. Washboard.	867,161	Sept. 24	3704	1048	130	1256
Scott, Walter, Plainfield, N. J. Lubricating device.	846,867	Mar. 12	2311	508	127	618
Scott, Walter, Plainfield, N. J. Lubricating device.	848,056	Mar. 26	4744	1034	127	1285
Scott, Walter, Plainfield, N. J. Paper-feeding machine.	850,104	Apr. 9	2855	598	127	2347
Scott, Walter, Plainfield, N. J. Paper-feeding machine.	863,321	Aug. 13	1956	527	129	2725
Scott, Walter, Plainfield, N. J. Web folding and associating device.	864,434	Aug. 27	3617	1004	129	3303
Scott, Walter and D. J., Plainfield, N. J. Delivery mechanism.	867,424	Oct. 1	293	86	130	1404
Scott, Walter A. (See Locke and Scott.)						
Scott, Warren, Collison, Ill. Securing device for track-rails.	839,894	Jan. 1	183	41	126	51
Scott, Wesley M., assignor to Hayden Automatic Block Machine Company, Columbus, Ohio. Apparatus for molding blocks.	861,144	July 23	4358	1195	129	1532
Scott, Wilber H., Ottawa, Ontario, Canada. Cheese-cutting machine.	840,806	Jan. 8	2035	450	126	562
Scott, William. (See Richard and Scott.)						
Scott, William A., assignor of two-thirds to J. L. Griffin and C. C. Miles, Laramie, Wyo. Sheep-shears.	841,458	Jan. 15	3346	722	126	940
Scott, William H., Maplewood, Mo., assignor, by mesne assignments, to D. R. Niederlander. Separable draft-rigging and body-bolster.	844,897	Feb. 19	4337	925-6	126	2942
Scott, William M., Philadelphia, Pa. Time-limit circuit-breaker.	861,611	July 30	5114	1405	129	1808
Scott, William M., Philadelphia, Pa. Combined controller and circuit-breaker.	872,154	Nov. 26	4230	1010	131	1077
Scott, William M., assignor to Cutter Electric & Manufacturing Company, Philadelphia, Pa. Electrical switch.	854,436	May 21	4160	862-3	128	1134
Scott, William R., Berkeley, assignor of one-half to E. M. Cutting, Fruitvale, Cal. Train-order check system.	861,322	July 30	4656	1272-3	129	1664
Scott, William S., Pueblo, Colo. Device for holding air-brake pistons and cylinder-heads.	854,242	May 21	3815	787	128	1047
Scovell, Josiah B., Duluth, Minn. Churn-drill.	848,502	Mar. 26	5569	1216	127	1490
Scovell, Josiah B., Duluth, Minn. Sweeper.	848,571	Mar. 26	5709	1249	127	1525
Scovill Manufacturing Company. (See Black, William M., assignor.)						
Scovill Manufacturing Company. (See Goss, John H., assignor.)						
Scovill Manufacturing Company. (See Goss and Wolff, assignors.)						
Scovill Manufacturing Company. (See Hyde, Theophilus R., Jr., assignor.)						
Scovill Manufacturing Company. (See Wolff, Adrian F., assignor.)						
Scoville, Eugene M., Waipohu, Hawaii. Planimeter.	844,195	Feb. 12	2644	567	126	2486
Scozzaiva, John B., Waterbury, Conn. Ink-well.	864,389	Aug. 27	3547	986	129	3278
Scozzari, Michael, New York, N. Y. Machine for granulating magnesia.	868,617	Oct. 15	2222	617	130	2038
Seraford, Daniel E., Peoria, Ill. Meter.	860,253	July 16	2977	813	129	1049
Seraford, Daniel E., Peoria, Ill. Meter.	871,738	Nov. 19	3293	814	131	908
Scragg, George H., New York, assignor to L. P. Smith, Piermont, N. Y. Return mailing-card.	867,613	Oct. 8	595	169	130	1515
Scranton Button Company. (See Sylvester, Philip L., assignor.)						
Scranton, Frederick A., assignor to Bevin Brothers Manufacturing Company, East Hampton, Conn. Bell.	864,700	Aug. 27	4075	1133	129	3445
Scranton, Henry O. (See Stokoe, John W., assignor.)						
Scribner, Charles E., Jericho, Vt., assignor to Western Electric Company, Chicago, Ill. Train-despatching system.	843,039	Feb. 5	399	87	126	1893

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Scribner, Charles E., Jericho, Vt., assignor to Western Electric Company, Chicago, Ill. Relay.....	850,402	Apr. 16	3433	719	127	2539
Scribner, Charles E., Jericho, Vt., assignor to Western Electric Company, Chicago, Ill. Lock.....	851,900	Apr. 30	6408	1338	127	3358
Scribner, Charles E., Jericho, Vt., and C. D. Enochs, assignors to Western Electric Company, Chicago, Ill. Selector for automatic telephone-exchanges.....	865,536	Sept. 10	1225	349-50	130	401
Scribner, Charles E. T., assignor to James Hunter Machine Company, North Adams, Mass. Drier for fibrous materials.....	841,056	Jan. 8	2535	533	126	689
Scribner, Elbridge L., Amesbury, Mass. Pipe-wrench.....	874,545	Dec. 24	4601	966	131	2002
Scribner, Isaac K., Truman, Minn. Draft-bar.....	861,399	July 30	4794	1314	129	1708
Scribner, Walter, Columbus, Ohio. Electromagnetic switch.....	852,582	May 7	430	79	128	114
Scribner, Walter, Columbus, Ohio. Electric train-lighting system.....	871,826	Nov. 26	3510	858	131	968
Scriven, Jeremiah A., New York, N. Y. Undergarment.....	854,763	May 28	4810	999	128	1326
Scroggie, James. (See Churchill, Thomas H., assignor.).....						
Scroggins, James A., Walnut Grove, and D. T. Miles, Phenix, Mo. Weather-strip.....	862,023	July 30	5724	1590	129	1991
Scroxtton, Albert H., Battersea, and W. H. Cannon, London, England. Apparatus for cleansing textile fabrics.....	852,804	May 7	882	179	128	225
Scullin Gallagher Iron & Steel Company. (See Gallagher, Thomas M., assignor.).....						
Scullin, Terence. (See Skov, Soren R., assignor.).....						
Scullin, Terence, and S. R. Skov, Cleveland, Ohio. Convertible car.....	852,683	May 7	632	122	128	165
Scully, George H., Kansas City, Mo. Garment-fitting stand.....	846,149	Mar. 5	885	186	127	225
Scully Steel & Iron Company. (See Lingenfelter, Carl E., assignor.).....						
Seabloom, Pehr F., Ormond, Fla. Hedge-trimmer.....	844,414	Feb. 19	3123	670	126	2646
Seabolt, Frank J., Schenectady, N. Y., assignor to General Electric Company. Motor-controlling rheostat.....	852,851	May 7	984	203	128	250
Seabrant, Avey, Moundridge, Kans. Mouth-opener for animals.....	843,040	Feb. 5	401	87	126	1894
Seaburg, Edward A., Seattle, Wash. Slicing-machine.....	867,844	Oct. 8	940	268-9	130	1620
Seacrist Emerson F. (See Williams and Seacrist.).....						
Seadler, Bernard F. (See Schuppe, Max, assignor.).....						
Seagondollar, John L., and W. A. Winans, Hoisington, Kans. Hydrocarbon-burner.....	867,425	Oct. 1	296	87	130	1406
Seagrave, Frederic S., Detroit, Mich. Ladder.....	865,951	Sept. 10	1809	524	130	613
Seal, William J. (See Newey, Alfred H., assignor.).....						
Seaman, Alonzo D., assignor to George Burroughs and Sons, Milwaukee, Wis. Wardrobe-trunk.....	857,116	June 18	3263	687	128	2592
Seaman, George Q., New York, N. Y. Truss.....	872,851	Dec. 3	1130	239	131	1343
Seaman, George Q., New York, assignor of one-half to T. O'Connor, Brooklyn, N. Y. Trolley stand and pole.....	850,796	Apr. 16	4183	877	127	2727
Seaman, Henry B., New Brighton, N. Y. Phonograph-horn.....	858,763	July 2	691	183	129	240
Seaman, Ralph M., et al. (See Graham, Frederick S., assignor.).....						
Seamark, Harry F. (See Hinrod, William G., assignor.).....						
Seamless Rubber Co. (See Towne, Charles O., assignor.).....						
Searle, George S., Rochester, N. Y. Shaft-coupling.....	849,860	Apr. 9	2440	498	127	2245
Searle, Will Z. (See Peck, Ferdinand S., assignor.).....						
Searles, Henry K., and S. S. Jones, Carbondale, Pa.; said Searles assignor to said Jones. Vaginal syringe.....	854,534	May 21	4327	897	128	1177
Sears, Charles T. (See Currey, Charles F., assignor.).....						
Sears, Frederick W., Wellington, New Zealand. Making half-tone engravings for use in lithography.....	859,342	July 9	1599		129	571
Sears, Willard T., Philadelphia, Pa. Plunger-cleaning means for fluid-operating machines.....	847,119	Mar. 12	2795	618	127	736
Sears, Willard T., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Power-transmission device.....	841,723	Jan. 22	3865	839	126	1106
Sears, Willard T., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Power-transmission device.....	844,415	Feb. 19	3125	670	126	2646
Sears, Willard T., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Power-transmission device.....	844,546	Feb. 19	3403	733	126	2714
Sears, Willard T., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Power-transmission device.....	851,842	Apr. 30	6302	1315	127	3331
Sears, Willard T., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Valve.....	852,802	May 7	880	179	128	224
Sears, Willard T., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Power-transmission apparatus.....	858,764	July 2	692	184	129	240
Sears, Willard T., Philadelphia, Pa., G. E. Greenleaf, Plainfield, N. J., and G. T. Reiss, Hamilton, Ohio. Controlling means for planer-plate-driving mechanisms.....	847,834	Mar. 19	4273	936	127	1133
Seaside Electric Company. (See Frosild, Anton S., assignor.).....						
Seastrom, Oscar E. (See Lawrence, Henry J., assignor.).....						
Seaton, Benjamin C., St. Louis, Mo. Wheel.....	861,542	July 30	5013	1377	129	1777
Seaton, Benjamin C., St. Louis, Mo. Wheel.....	867,614	Oct. 8	597	170	130	1515
Seaver, John W., Cleveland, Ohio, and A. Leslie, Walkerville, Ontario, Canada, assignors to Wellman-Seaver-Morgan Company, Cleveland, Ohio. Unloading, screening, and loading apparatus.....	849,920	Apr. 9	2542	526-7	127	2271
Seavey, Fred H., et al. (See Sparkes, James M., assignor.).....						
Seaward, Charles W., Malden, assignor to C. W. Seaward Company, Boston, Mass. Gas-governor for type-machines and the like.....	856,815	June 11	2690	555	128	2410
Seay, Mark M., Blossom, Tex. Animal-poke.....	860,415	July 16	3224	881	129	1129
Sebald, Albert, Weiden, Germany. Toilet-case.....	871,242	Nov. 19	2283	598	131	746
Sebree, Robert M., Kansas City, Kans. Scaffolding.....	852,141	Apr. 30	6933	1448	127	3489
Sebree, Wyatt T., Carrollton, Ky. Shaft-holder for harness.....	843,041	Feb. 5	402	87	126	1894
Sebell, George T., Alsea, Oreg. Combined plow, shovel, and separator.....	849,577	Apr. 9	1912	392	127	2111
Sebring, Bert A., and J. W. Graham, Pueblo, Colo. Waist-holder and skirt-supporter.....	841,585	Jan. 29	5169	1098	126	1464
Sebring, Ira, Greenville, Ohio. Tobacco-lath holder.....	872,259	Nov. 26	4446	1057	131	1111
Seck, Heinrich, Dresden, Germany. Machine for bolting flour and grading grain.....	841,585	Jan. 15	3581	777-8	126	1001
Seckel, Gerrit J., Enschede, Netherlands. Incandescent mantle.....	875,118	Dec. 31	5762	1201	131	2215
Seckendorff, Hermann, Hanover, Germany. Bread cutter and box.....	848,057	Mar. 26	4745	1035	127	1285
Seckendorff, Hermann, Hanover, Germany. Time-controlled egg-boiler.....	858,421	July 2	87	24	129	40
Seckler, Winfield C., Marianna, Ark. Multiplying-back for cameras.....	871,302	Nov. 19	2422	627	131	767
Secor, Jerome B., Derby, Conn. Carriage-controlling mechanism for type-writing machines.....	847,613	Mar. 19	3806	833-4	127	1022
Secor, Jerome B., assignor to Williams Typewriter Company, Derby, Conn. Type-writing machine.....	847,702	Mar. 19	3995	873	127	1068
Secor, Jerome B., assignor to Williams Typewriter Company, Derby, Conn. Type-writing machine.....	847,835	Mar. 19	4275	936-8	127	1133
Secor, Jerome B., assignor to Williams Typewriter Company, Derby, Conn. Type-writer mechanism.....	869,526	Oct. 29	3652	1001	130	2532
Secor, Jerome B., assignor to Williams Typewriter Company, Derby, Conn. Carriage-fed mechanism for type-writing machines.....	874,999	Dec. 31	5530	1154-5	131	2176

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Security Register Company. (See Schmolinski, Adolph O., assignor.)						
Security Register & Manufacturing Company. (See Schmolinski, Adolph O., assignor.)						
Seddon, Harry L., Syracuse, N. Y. Eraser-shield.	851,256	Apr. 23	5099	1073	127	2995
Seddon, Harry L., Syracuse, N. Y. Loose-leaf book.	855,988	June 4	1055	219	128	1960
Sederwall, Theodore, Barry, Ill. Brick-machine.	847,120	Mar. 12	2796	618	127	736
Sedgwick, Alonzo. (See Sullivan, Michael H., assignor.)						
Sedgwick, Earl P., Highland Park, Ill. Piano-pedal.	867,308	Oct. 1	120	36	130	1350
Sedgwick, Hiram G., Mill Valley, Cal. Automatic electrical train-stop.	852,627	May 7	504	93-4	128	132
Sedgwick, Hiram G., Mill Valley, Cal. Automatic electrical train-stop.	852,628	May 7	509	94-5	128	133
Sedgwick, Hiram G., Mill Valley, Cal. Electrical switch-lock for railways.	852,629	May 7	512	95-6	128	134
Sedgwick, Hiram G., Mill Valley, Cal. Railway-signal.	852,630	May 7	514	96	128	135
Sedgwick, Hiram G., Mill Valley, Cal. Electrical train-stop.	852,631	May 7	516	96	128	135
Sedgwick, Hiram G., Mill Valley, Cal. Electrical train-stop.	852,632	May 7	517	97	128	136
Sedgwick, Hiram G., Mill Valley, Cal. Train-stopping apparatus.	852,633	May 7	518	97	128	136
Sedgwick, Hiram G., Mill Valley, Cal. Electrical train-stop.	852,634	May 7	523	98	128	137
Sedgwick, Hiram G., Mill Valley, Cal. Automatic electrical train-stop.	852,635	May 7	524	98-100	128	137
Sedgwick, Hiram G., Mill Valley, Cal. Automatic train-stop.	864,866	Sept. 3	164	46	130	52
Sedivy, Frank, Globe, Ariz. Ter. Power-transmission mechanism.	857,493	June 18	3977	845	128	2771
Sedziak, Francis, St. Louis, Mo. Brake mechanism.	873,905	Dec. 17	3256	695	131	1760
See, Byron, Detroit, Mich. Burglar-alarm.	862,667	Aug. 6	944	253	129	2375
See, Filer S., Gem, Kans. Device for transferring passengers to and from moving trains.	866,524	Sept. 17	2711	758	130	910
Seebbeck, Friedrich, Geestemünde, Germany. Closure for steam-drums.	863,001	Aug. 13	1452	394-5	129	2568
Seeger, Frederick U., Somerville, Mass. Folding post-card.	845,375	Feb. 26	5296	1123	126	3223
Seehausen, Oscar J., Chicago, Ill. Vapor-lamp.	846,512	Mar. 12	1609	356	127	438
Seelenfreund, Alexander B. (See Rightman, Marcus B., assignor.)						
Seeler, Alfred A. O., Newark, N. J. Watch.	856,608	June 11	2315	476	128	2314
Seeley, George M. (See Kleinschmidt, Edward E., assignor.)						
See' y, George O., Grand Rapids, Mich. Liquid-measuring device.	871,827	Nov. 26	3514	859	131	968
Seeley, James E., and F. A. Sylva, Los Angeles, Cal. Carbureting and oil separating apparatus.	866,525	Sept. 17	2715	759	130	911
Seely, Henry S., Hammonont, N. J. Snap-hook.	863,002	Aug. 13	1453	395	129	2568
Sefton, William E. (See Hankins, William B., assignor.)						
Segnitz, Herman. (See Fisher, Charles, assignor.)						
Segnitz, Johanna. (See Fisher, Charles, assignor.)						
Scholz, Joseph. (See Montan and Scholz.)						
Seib, George A., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.	863,947	Aug. 20	2879	793	129	3046
Seib, George A., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.	868,493	Oct. 15	2002	559	130	1966
Seibel, Oscar E., Bloomington, Ill. Voting-machine.	857,681	June 25	4344	918-19	128	2896
Seibert, George A., et al. (See Sanders, John C., assignor.)						
Seibert, Jacob O. M., assignor of one-half to L. E. Pfadt, Chicago, Ill. Ticket holder and cutter.	864,340	Aug. 27	3473	966	129	3256
Seibert, Robert D., Millville, Pa. Thill-coupling.	850,259	Apr. 16	3160	661	127	2467
Seibert, William, Erie, Kans. Rotary engine.	868,893	Oct. 22	2658	735	130	2198
Seibt, William, Chicago, Ill. Screen for windows.	846,955	Mar. 12	2492	549	127	663
Seidel, Otto, Jr., Milwaukee, Wis. Portable leach-clearing apparatus.	844,693	Feb. 19	3930	831-2	126	2838
Seidel, William, Wheeling, Ill. Bottle washing and scrubbing mechanism.	854,535	May 21	4340	897-8	128	1178
Seidel, William, Wheeling, Ill. Can for handling milk.	875,000	Dec. 31	5535	1155	131	2176
Seidel, William, Wheeling, Ill. Bottle-scrubbing mechanism.	875,001	Dec. 31	5537	1156	131	2177
Seidel, William F., and E. Sassenhoff, Elkhart, Ind. Electromagnetic sounding apparatus.	863,322	Aug. 13	1958	528	129	2726
Seidlinger, Robie, Philadelphia, Pa., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	843,402	Mar. 26	5387	1175-6	127	1444
Seidenspinner, Charles W., Woodhaven, N. Y. Scarf-holder.	871,072	Nov. 12	1906	522	131	646
Seidl, Frank W., Manitowoc, Wis. Clasp.	867,162	Sept. 24	3705	1049	130	1256
Seidl, Frank W., Manitowoc, Wis. Swivel.	872,691	Dec. 3	783	163	131	1291
Seidler, Henry, Great Falls, Mont. Blast-furnace twyer.	866,312	Sept. 17	2415	674	130	817
Seierup, Theodor M. E., assignor of one-half to S. Johnson, Reese, Mich. Harvester.	844,476	Feb. 19	3244	700	126	2676
Seifert, John W., East Point, Ga. Washing-machine.	850,061	Apr. 9	2771	582	127	2325
Seifert, Oscar H. (See Steinhoff, Frederick W., assignor.)						
Seiler, Paul, Oakland, Cal. Foundation for buildings.	846,249	Mar. 5	1055	227	127	269
Seiler, Philipp, assignor to J. D. Caplinger, Chicago, Ill., J. E. Jones, Cincinnati, Ohio, A. Dieffendorf, Chicago, Ill., and W. H. Craig. Gas-burner.	840,092	Jan. 1	602	130	126	159
Seip, David, Chillicothe, Ohio. Pen-wiper.	865,273	Sept. 3	775	222	130	234
Seipel, Nicholas A., Healdsburg, Cal. Harrow.	866,819	Sept. 24	3177	892	130	1092
Seitz, Henry A., Brooklyn, assignor of one-half to G. Isaacs, New York, N. Y. Rotary engine.	854,849	May 28	4981	1036	128	1370
Seitz, Michael, Nuremberg, Germany. Manufacture of printed table-cloths.	862,352	Aug. 6	397	129	128	2208
Seitz, Peter V. (See Nordstrom, Charles, assignor.)						
Seitz, William J., Grape, Mich. Friction-gear.	843,634	Feb. 12	1604	339-40	126	2228
Seitzman, Issak, New York, N. Y. Protector for ears, forehead, and eyes.	869,741	Oct. 29	4001	1106	130	2637
Selakosky, Wilson, White Haven, Pa. Air-compressor.	848,775	Apr. 2	316	65	127	1667
Selas Gesellschaft mit beschränkter Haftung. (See Karger, Heinrich L., assignor.)						
Selden, George M. (See Smith, George E., assignor.)						
Selden, James M., Crafton, Pa. Combined cork-holder and bottle-stopper for bottles.	850,403	Apr. 16	3434	720	127	2539
Selders, Myrtle, Habana, Cuba. Stopper device for washbowls.	866,230	Sept. 17	2289	639	130	777
Self, Charles E., Richmond, Ohio. Trap.	874,120	Dec. 17	3743	787	131	1830
Selg Brewery Apparatus Co. (See Selg, Otto, assignor.)						
Selg, Otto, New York, N. Y. Separator.	846,060	Mar. 5	705	146	127	181
Selg, Otto, New York, N. Y. Fan.	853,477	May 14	2227	464	128	604
Selg, Otto, New York, N. Y. Fan.	863,663	Aug. 20	2457	677	129	2912
Selg, Otto, New York, N. Y. Fan.	867,680	Oct. 8	688	194	130	1543
Selg, Otto, New York, N. Y., assignor to Selg Brewery Apparatus Co. Stirrer for mash-tubs.	870,748	Nov. 12	1407	381	131	488
Selg, Otto, New York, N. Y., assignor to Selg Brewery Apparatus Co. Hop-jack.	873,330	Dec. 10	2127	443	131	1535
Selhorst, Sikko B. (See Bouma, Jacob, assignor.)						
Selig, Sidney H., trustee. (See Crosby and Pink, assignors.)						
Seligsohn, Morris, assignor to J. S. Bishop and J. E. Riggs, Lincoln, Nebr. Vaporizer.	843,705	Feb. 12	1728	368	126	2261
Sell Horse Goods Company. (See Keller, James D., assignor.)						
Selleck, William J., Riverside, Conn. Trolley.	845,483	Feb. 26	5508	1167	126	3276
Sellers, David, Winfield, Kans. Napkin-holder.	872,852	Dec. 3	1131	239	131	1343
Sellers, Frank, London England. Dynamometer.	864,927	Sept. 3	260	69	130	82
Sellers, James F., et al. (See Dunn and Taylor, assignors.)						
Sellers, Philip. (See Sellers, Richard C. and P.)						
Sellers, Richard C., Swarthmore, Pa., and P. Sellers, Meriden, Conn.; said P. Sellers assignor to said Richard C. Sellers. Calendar.	846,250	Mar. 5	1056	228	127	269

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Sellers, Traves N., Munro, Ontario, Canada, assignor to Indiana Manufacturing Company, Indianapolis, Ind. Pneumatic straw-stacker.....	856,609	June 11	2316	476	128	2315
Sellers, William, deceased, (J. G. Johnson, C. B. Dunn, and C. C. Febiger, Philadelphia, Pa., executors,) and B. D. Coppage, Wilmington, Del. Water-tube boiler.....	866,034	Sept. 17	2006	559-60	130	687
Sellew, William H., Detroit, Mich. Valve for stand-pipes.....	875,002	Dec. 31	5540	1156-7	131	2177
Selley, Edwin J. (See Le Brocq, Richard F., assignor.).....						
Selley, Edwin J., New York, N. Y. Stove or furnace.....	850,260	Apr. 16	3161	661	127	2467
Selley, Edwin J., New York, N. Y. Carbureter.....	864,037	Aug. 20	3005	830	129	3082
Selley, Frederick A., Nashville, Tenn. Scale.....	854,609	May 21	4480	934	128	1213
Selley, Frederick A., Nashville, Tenn. Trolley-finder.....	859,783	July 9	2258	614	129	785
Sellon, Henry, Bridger, Wyo. Whiffletree.....	857,310	June 18	3632	769	128	2686
Sells, Abraham P., Searcy, Ark. Rail chair and tie.....	844,622	Feb. 19	3784	798	126	2800
Sellstone, Ivar, Brockton, Mass. Sled.....	871,642	Nov. 19	3126	776	131	878
Selzer, Michel J., Akron, Ohio. Hot-water heater.....	850,062	Apr. 9	2773	582-3	127	2326
Semenza, Guido, Milan, Italy, assignor to General Electric Company. Three-phase-current arc-lamp.....	854,764	May 28	4812	999	128	1327
Semet-Solvay Company. (See Jordan, Harry W., assignor.).....						
Semisteel Company. (See Balkwill, George W., assignor.).....						
Semple, John B. (See Cushing, Samuel D., assignor.).....						
Senderling, Martin L., Jersey City, N. J. Vehicle-spring.....	863,664	Aug. 20	2458	677	129	2913
Seneca Falls Manufacturing Company. (See Darling, Henry M., assignor.).....						
Seneca Falls Manufacturing Company. (See Runge, William, assignor.).....						
Senesac, Arthur L. (See Richardson and Senesac.).....						
Senf, Albert, New Britain, Conn. Implement-holder for culinary vessels.....	862,024	July 30	5725	1590	129	1991
Seng Company. (See Holtmann, Henry F., assignor.).....						
Sengbusch, Gustav J., Milwaukee, Wis. Ink-well.....	841,345	Jan. 15	3136	677	126	887
Senkheil, Emil, Pankow, near Berlin, Germany. Apparatus for steaming cloth.....	858,032	June 25	5082	1076	128	3080
Senn, Johann, Berne, Switzerland. Fastener.....	871,528	Nov. 19	2925	730	131	843
Senn, Johann, Berne, Switzerland. Fastening device.....	873,271	Dec. 10	1989	416	131	1515
Senne, Solomon S. (See Haynes, William S., assignor.).....						
Sennett, Walter C., Portland, Me. Handsaw attachment.....	846,061	Mar. 5	706	146	127	181
Sensburg, Ludwig, Munich, Germany. Medicated bougie.....	862,763	Aug. 6	1094	129	2418	
Senter, John F., assignor to Senter Manufacturing Company, Chattanooga, Tenn. Boiler-feeder.....	843,706	Feb. 12	1730	368	126	2261
Senter, John F., assignor to Senter Manufacturing Company, Chattanooga, Tenn. Boiler-feeder.....	864,807	Sept. 3	64	18-19	130	23
Senter, John F., Birmingham, Ala., assignor of one-half to Walsh and Weidner Boiler Company, Chattanooga, Tenn. Water-tube boiler.....	851,257	Apr. 23	5101	1073	127	2995
Senter, John F., assignor of one-half to M. Llewellyn, M. G. Weidner, and J. H. Street, Chattanooga, Tenn. Boiler-feeder.....	856,548	June 11	2182	449-50	128	2280
Senter, John F., assignor of one-half to M. Llewellyn, M. G. Weidner, and J. H. Street, Chattanooga, Tenn. Valve-operating mechanism.....	856,549	June 11	2185	450-1	128	2280
Senter, John F., assignor of one-half to M. Llewellyn, M. G. Weidner, and J. H. Street, Chattanooga, Tenn. Valve mechanism for tanks and reservoirs.....	856,550	June 11	2190	451	128	2281
Senter, John F., assignor of one-half to M. Llewellyn, M. G. Weidner, and J. H. Street, Chattanooga, Tenn. Separator.....	856,551	June 11	2193	452	128	2289
Senter Manufacturing Company. (See Senter, John F., assignor.).....						
Sentz, H. W., et al. (See Wilson, Samuel T., assignor.).....						
Seoane, Consuelo A. (See Usher and Seoane.).....						
Seperak, Florio, Lead, S. D. Splicing wire cables.....	856,493	June 11	2082	428	128	2255
Sepulchre, Victor, Paris, France. Gas-generator.....	863,323	Aug. 13	1959	528	129	2726
Serio, Philip H., New York, N. Y. Lock.....	866,392	Sept. 17	2535	707	130	854
Serpek, Ottokar, Madulein, Switzerland. Producing aluminum nitrides.....	867,615	Oct. 8	597	130	1516	
Serra (y Carbó), José, Barcelona, Spain, assignor to H. Coale, Baltimore, Md. Artificial cork and making the same.....	846,251	Mar. 5	1059	127	270	
Sessions, Frank L., assignor to J. A. Jeffrey, Columbus, Ohio. Controller for storage batteries and similar purposes.....	858,478	July 2	199	47	129	74
Sester, Charles P., Peoria, Ill. Seeding-machine.....	842,716	Jan. 29	5997	1264-5	126	1675
Sester, Charles P., Peoria, Ill. Seeding-machine.....	860,609	July 16	3522	969	129	1228
Sester, Charles P., Peoria, Ill. Seeding-machine.....	860,610	July 16	3526	969-70	129	1230
Sester, Charles P., Peoria, Ill. Seeding-machine.....	860,611	July 16	3530	970	129	1231
Sester, Charles P., Peoria, Ill. Seeding-machine attachment.....	860,612	July 16	3533	971	129	1231
Setser, John H., Decatur, Ark. Rotary engine.....	863,324	Aug. 13	1961	528-9	129	2726
Seubert, Louis H., East Orange, N. J. Antifriction-bearing.....	852,462	May 7	154	27	128	47
Saufer, Ernst, et al. (See Boesche, Edward F., assignor.).....						
Sevcik, Joseph, New Era, assignor of one-half to E. F. Huggins, Portland, Oreg. Rail-joint.....	874,121	Dec. 17	3744	787	131	1830
Severance, Verne C., Chicago, Ill. Carbureter.....	843,112	Feb. 5	568	119	126	1939
Sevens, John L., and W. P. McDermott, East St. Louis, Ill. Car-door.....	873,465	Dec. 31	6440	1345-6	131	2325
Sevens, Otis W., Centralia, Ill. Lubricating-pad.....	868,816	Oct. 22	2546	702	130	2164
Sevic, Rudolph, Chicago, Ill. Shears.....	846,868	Mar. 12	2316	508	127	620
Sevier, Charles A., Jackson, Tenn. Guard and moistener for dental tools.....	849,702	Apr. 9	2133	439	127	2166
Sewall, John L., Randolph, Mass. Grappling-tongs.....	859,586	July 9	1961	529	129	688
Sewall, John L., Randolph, Mass. Grappling-tongs.....	868,945	Oct. 22	2743	757	130	2224
Sewall, Thomas, and G. M. Keene, Boston, Mass. Building-block.....	844,416	Feb. 19	3126	671	126	2646
Seward, Edward C., Guilford, Conn., assignor to Railway Supplies Limited, East Toronto, Canada. Splice of angle bar.....	852,038	Apr. 30	6745	1402	127	3443
Seward, George O. (See Kügelgen and Seward.).....						
Seward, George O., and F. von Kügelgen, Holcombs Rock, Va. Production of alkali metals.....	841,724	Jan. 22	3867	126	1106	
Seward, George O., and F. von Kügelgen, Holcombs Rock, Va. Electrolytic cell.....	842,256	Jan. 29	4967	1060	126	1411
Seward, George O., and F. von Kügelgen, Holcombs Rock, Va. Production of magnesium.....	868,226	Oct. 15	1577	130	1838	
Seward, George O., and F. von Kügelgen, Holcombs Rock, Va., assignors to Virginia Laboratory Company, New York, N. Y. Electrolytic production of earth-alkali metals.....	864,928	Sept. 3	261	69	130	82
Seward, George O., East Orange, N. J., and F. von Kügelgen, Holcombs Rock, Va., assignors to Virginia Laboratory Company, New York, N. Y. Producing steel.....	874,628	Dec. 24	4758	131	2030	
Sewell, Herbert, Fort Myers, Fla. Attachment to pumps.....	849,752	Apr. 9	2229	457	127	2192
Sewing Machines Supplies Company. (See French, Joseph, assignor.).....						
Sexton, Arthur E., Los Angeles, Cal. Rotary roll-cutting attachment.....	871,828	Nov. 26	3516	860	131	969
Sexton, William E., Kansas City, Mo. Portable savings-bank.....	840,262	Jan. 1	957	208	126	259
Seybold, Charles, Dayton, Ohio. Paper-cutting machine.....	866,739	Sept. 24	3051	860	130	1053
Seyfer, William F., Decatur, Ill. Incubator.....	862,764	Aug. 6	1095	294-5	129	2418
Seyffarth, Franz G., Newark, N. J. Door-lock.....	866,893	Sept. 24	3278	922	130	1122
Seyfried, Eugene E. Von, et al. (See Hainlin, Carl, assignor.).....						
Seyfried, Franz J., Cologne, Germany. Holder for cigars and cigarettes.....	840,385	Jan. 1	1221	267	126	321
Seyl, Joseph C., and D. G. Butts, Chicago, Ill., assignors to Yawman & Erbe Manufacturing Company, Rochester, N. Y. Label-holder for index-tab cards.....	850,324	Apr. 16	3275	683	127	2499

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Seyler, Daniel A., Jr., Ann Arbor, Mich. Engine.....	852,351	Apr. 30	7301	1534	127	3581
Seymour, Alfred F., Campello, Mass. Last.....	841,725	Jan. 22	3868	839	126	1106
Seymour, Benjamin F., Jr. (See Pabst and West, assignors.)						
Seymour, Charles, assignor to Defiance Machine Works, Defiance, Ohio. Machine for making compressed bungs.....	848,503	Mar. 26	5570	1216-18	127	1491
Seymour, Charles E., Winsted, Conn. Slow-feeding device for horses.....	854,850	May 28	4983	1036-7	128	1371
Seymour, Dudley S. (See McNeil and Seymour.)						
Seymour, Dudley S., Oak Park, assignor to Union Special Machine Company, Chicago, Ill. Power-transmitting device.....	854,671	May 21	4594	959	128	1242
Seymour, Ernest G., assignor to J. E. Seymour, Toledo, Ohio. Vise.....	870,522	Nov. 5	1019	278	131	329
Seymour, Garret G., Asherville, Kans. Fence-post.....	851,445	Apr. 23	5476	1146	127	3092
Seymour, Garret G., Asherville, Kans. Combined currycomb and brush.....	863,457	Aug. 13	2142	578	129	2783
Seymour, John E. (See Seymour, Ernest G., assignor.)						
Seymour, Mark T. (See Ball and Seymour.)						
Seymour, Ralph C., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Cutting and folding machine.....	856,991	June 11	3014	633-4	128	2489
Seymour, Ralph C., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Cutting and feeding mechanism for printing-presses.....	872,464	Dec. 3	317	63-4	131	1216
Seymour, Walter L., Denver, Colo. Forming lenses.....	861,055	July 23	4235	1160	129	1489
Seys, Abraham, Grand Rapids, Mich. Kettle-cover.....	850,677	Apr. 16	3980	832	127	2678
Shadall, Charles E., assignor of one-half to F. L. Horneffer, Milwaukee, Wis. Rock-drill.....	849,506	Apr. 9	1788	362-3	127	2079
Shadall, Charles E., assignor of one-half to F. L. Horneffer, Milwaukee, Wis. Motor for rock-drills and similar tools.....	849,578	Apr. 9	1914	392	127	2112
Shade, Theodore, assignor to J. W. Giffen, Greensburg, Pa. Valve-gear for engines.....	849,861	Apr. 9	2441	498-9	127	2246
Shafer, Aaron T., Allenville, Ill. Land-anchor for fence-posts.....	861,543	July 30	5014	1377	129	1778
Shafer, Benjamin F., Chester, Pa. Hoisting mechanism.....	873,799	Dec. 17	3043	646	131	1725
Shafer, Homer R., Detroit, Mich. Skirt-trimmer.....	851,383	Apr. 23	5363	1123	127	3063
Shafer, Oren H., Petoskey, Mich. Safety-valve for water-jackets.....	868,022	Oct. 15	1278	354	130	1747
Shafer, Stoughton P., Kansas City, Mo. Quadruplex cycle.....	850,973	Apr. 23	4537	950	127	2856
Shafer, William H., Cincinnati, Ohio. Water-tower.....	870,646	Nov. 12	1227	333	131	435
Shafer, William H., Cincinnati, Ohio. Chemical fire-extinguisher.....	871,147	Nov. 19	2081	560	131	714
Shafer, William H., Cincinnati, Ohio. Aerial ladder.....	874,546	Dec. 24	4602	967	131	2002
Shaffer, Charles R., Allentown, Pa. Micrometer-gage.....	862,765	Aug. 6	1096	295	129	2418
Shaffer, Fred, Vandergrift, Pa. Clothes-line reel.....	870,475	Nov. 5	955	261	131	310
Shaffer, Henry E., Rochester, N. Y. Burner for acetylene gas.....	866,163	Sept. 17	2199	612	130	749
Shaffer, James M. (See Warele, Antone F., assignor.)						
Shaffer, Lewis D., Paint Borough, Pa. Conduit-traveler.....	850,797	Apr. 16	4185	878	127	2727
Shaffer, Lewis D., Paint Borough, Pa. Line-carrier.....	850,798	Apr. 16	4187	878-9	127	2728
Shaffer, Norman D., Johnstown, Pa. Carbide-feeding device.....	875,466	Dec. 31	6441	1346	131	2325
Shaffer, Norman D., and J. S. Benton, Johnstown, Pa. Carbide-feed for acetylene-gas generators.....	853,125	May 7	1512	315	128	381
Shaffer, William B. (See Dieterich, Albert E., assignor.)						
Shainsey, Frederick J., Sr., Dayton, Ohio, assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich. Last.....	857,117	June 18	3264	687	128	2592
Shakespeare, William, Jr. (See Marhoff, Walter E., assignor.)						
Shaler, Clarence A., Waupun, Wis. Vulcanizer.....	845,272	Feb. 26	5076	1079	126	3171
Shallcross, Wyatt, St. Louis, Mo. Loose-leaf binder.....	849,430	Apr. 9	1608	326	127	2035
Shallenberger, Charles S., St. Louis, Mo. Car-truck.....	870,647	Nov. 12	1229	333-4	131	435
Shallenberger, Charles S., St. Louis, Mo. Underframe for cars.....	873,800	Dec. 17	3045	647	131	1725
Shallenberger, Nathaniel B., Scottsdale, Pa. Burial-vault.....	859,014	July 2	1095	290	129	373
Shambow, Christopher J., et al. (See Daudelin, Jean B., assignor.)						
Shambow, John, et al. (See Daudelin, Jean B., assignor.)						
Shambow, John. (See Daudelin, Pierre P., assignor.)						
Shanahan, Charles. (See Gallup, Shanahan, and Gallup.)						
Shanahan, John J., Centerville, R. I. Head-motion for looms.....	862,668	Aug. 6	945	253-4	129	2376
Shane, James B. (See Reeves and Shane.)						
Shank, Augustus W., Detroit, Mich., assignor to C. E. Walker, Windsor, Ontario, Canada. Dress-placket closer.....	856,373	June 11	1855	381	128	2200
Shank, Augustus W., assignor of one-half to C. C. Moon, Detroit, Mich. Dust-pan.....	861,195	July 23	4437	1216	129	1558
Shank, Charles S., assignor of one-third to R. A. Stewart, Scott Depot, W. Va. Corn-thinner.....	872,260	Nov. 26	4447	1057	131	1111
Shank, Edwin P., Wells, Mich. Floor-scraper.....	859,697	July 9	2134	576	129	743
Shank, Frederick D., Mount Vernon, assignor of one-half to W. W. Wood, Canyon City, Oreg. Hay-stacking machine.....	862,942	Aug. 13	1367	372	129	2539
Shank, Thomas M., Hurricane, W. Va. Bulletin-board.....	875,003	Dec. 31	5542	1157	131	2178
Shank, Victor C., St. Louis, Mo. Hydraulic transmission device.....	872,203	Nov. 26	4330	1034-5	131	1094
Shanklin, John R., Charleston, W. Va. Vent-valve for steam-heating systems.....	852,852	May 7	986	203	128	251
Shanks, Adam J. (See Kerr, Bauman, and Shanks.)						
Shannen, Harry J., Atlanta, Ga. Refrigerator.....	853,834	May 14	2964	607-8	128	793
Shannen, Harry J., Atlanta, Ga. Refrigerator.....	865,952	Sept. 10	1870	524	130	613
Shannon, Benjamin, Piedmont, W. Va., assignor of one-half to M. J. Miller's Sons, Western Port, Md. Car-track and car-door hanger.....	859,698	July 9	2136	577	129	743
Shannon, Franklin, Sloan, Iowa. Elevator.....	843,370	Feb. 5	1076	222	126	2062
Shannon, George H., Cambridge, N. Y. Dental mallet.....	858,914	July 2	942	246	129	324
Shannon, George H., Cambridge, N. Y. Dental plugger.....	864,569	Aug. 27	3873	1074	129	3383
Shannon, Grant H., assignor to A. B. Dick Company, Chicago, Ill. Duplicating-machine.....	854,111	May 21	3557	734	128	977
Shannon, John, and J. E. Wood, Portland, Oreg. Railway block-signal.....	863,102	Aug. 13	1617	435	129	2619
Shannon, Joseph W., et al. (See Haile, Luther T., assignor.)						
Shantz, Dilman B., Berlin, Ontario, Canada. Button-tuft.....	871,303	Nov. 19	2426	627	131	768
Shantz, Edgar, Rochester, N. Y. Button.....	870,907	Nov. 12	1652	454	131	567
Shapiro, Abraham, Chippewa Falls, Wis. Dampener.....	862,287	Aug. 6	299	84	129	2176
Shappell, Torrence O. (See Nelson, Shappell, and Smalley.)						
Sharar, Frederick H., Williamsport, Pa. Wrench.....	866,077	Sept. 17	2078	579	130	709
Sharick, Justice W., Marion, Ind. Pressure device for grain-drills.....	861,323	July 30	4657	1273	129	1664
Sharkey, Charles F. (See Miller, Archib P., assignor.)						
Sharood, Charles K., St. Paul, Minn. Fastener for shoe-uppers.....	846,252	Mar. 5	1061	228	127	270
Sharood, Samuel V., assignor of one-half to L. R. Churchill, Brockton, Mass. Heating system.....	875,119	Dec. 31	5762	1201	131	2215
Sharp, Abel B., assignor of one-half to H. Crab, Atlanta, Idaho. Chalk-line holder.....	873,686	Dec. 10	2806	597	131	1654
Sharp, Benson, Middlesex county, England. Contrivance for turning the leaves of a pamphlet or book.....	871,148	Nov. 19	2083	561	131	715
Sharp, Charles H., Lockport, N. Y. Toothpick-holder.....	848,693	Apr. 2	145	31	127	1624
Sharp, Charles S. (See Kennedy and Sharp.)						
Sharp, Charles S., Auburn, N. Y., assignor to International Harvester Company. Disk harrow.....	845,902	Mar. 5	366	74-5	127	95

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Sharp, Charles S., Auburn, N. Y., assignor to International Harvester Company. Riding attachment for harrows.....	856,305	June 11	1686	349-50	128	2155
Sharp, Charles S., Auburn, N. Y., assignor to International Harvester Company. Sulky attachment for harrows.....	861,196	July 23	4438	1217	129	1558
Sharp, Charles S., Auburn, N. Y., assignor, by mesne assignments, to International Harvester Company. Corn-harvester.....	867,215	Sept. 24	3792	1070-1	130	1283
Sharp, Edward P., Buffalo, N. Y. Trolley-wheel.....	849,025	Apr. 2	811	167	127	1794
Sharp, Frank E., assignor of one-half to G. E. Thomas, Corning, N. Y. Hose-supporter.....	868,584	Oct. 15	2161	604	130	2020
Sharp, Frank P., San Francisco, Cal. Sheet-delivery for printing-presses.....	866,740	Sept. 24	3053	861	130	1053
Sharp, Fred J., <i>et al.</i> (See Chapman, William D., assignor.).....						
Sharp, Hannah J., Billings, Mont. Baby-waist.....	851,258	Apr. 23	5105	1074	127	2996
Sharp, Harry E., Rockville, assignor of one-third to G. Ulrich, Hartford, Conn. Device for molding cornices.....	851,036	Apr. 23	4648	976	127	2885
Sharp, Harry E., Rockville, Conn., and L. Kentana, Brooklyn, N. Y., assignors of one-third to G. Ulrich, Hartford, Conn. Tool for molding cornices.....	851,035	Apr. 23	4647	975	127	2885
Sharp, John C., <i>et al.</i> (See Okay, George B., assignor.).....						
Sharp, Joseph W., Jr., assignor to Haines, Jones & Cadbury Company, Philadelphia, Pa. Bath-tub waste-fitting.....	843,968	Feb. 12	2218	474	126	2383
Sharp, Joseph W., Jr., assignor to Haines, Jones and Cadbury Company, Philadelphia, Pa. Water-closet.....	846,150	Mar. 5	887	186	127	226
Sharp, Justin I., Inza, Mo. Combination wagon bed and rack.....	867,309	Oct. 1	120	36	130	1350
Sharp & Smith. (See Evans, Michael P., assignor.).....						
Sharp, Thomas, Carlisle, Pa. Heating device.....	847,121	Mar. 12	2797	618	127	736
Sharp, Thomas, Carlisle, Pa. Heating device.....	872,353	Dec. 3	1132	239	131	1344
Sharp, Wilbur C., Los Angeles, Cal. Switching mechanism for railway-cars.....	844,757	Feb. 19	4068	867	126	2874
Sharp, William, McKeesport, Pa. Knobbling-furnace.....	874,038	Dec. 17	3523	751	131	1803
Sharp, William H., Philadelphia, Pa. Manufacture of purified soda-pine pulp.....	841,190	Jan. 15	2817		126	805
Sharpe, Joseph K., Jr., <i>et al.</i> (See Schuman, James B., assignor.).....						
Sharpe, Joseph K., Jr., assignor to J. B. Schuman, J. K. Sharpe, Jr., Indianapolis, Ind., and T. King, Quincy, Mass. Shock-loader.....	840,021	Jan. 1	453	98	126	122
Sharples, David T., West Chester, Pa. Centrifugal separator.....	842,257	Jan. 29	4969	1061	126	1411
Sharples, David T., West Chester, Pa. Centrifugal machine.....	842,258	Jan. 29	4971	1061	126	1412
Sharples, William, Syracuse, N. Y. Razor-stropping device.....	860,831	July 23	3864	1059	129	1371
Sharpneck, Matthew C., Boston, Mass. Power-generating traction-wheel.....	852,301	Apr. 30	7209	1513	127	3559
Sharpneck, Matthew C., Boston, Mass., assignor to American Peat Machinery Company, Portland, Me. Machine for forming and compressing peat, &c., into blocks or cakes.....	858,352	June 25	5690	1216-17	128	3241
Sharpneck, Matthew C., Boston, Mass., assignor to American Peat Machinery Company, Portland, Me. Peat-machine.....	858,353	June 25	5695	1217	128	3241
Sharpneck, Matthew C., Boston, Mass., assignor to American Peat Machinery Company, Portland, Me. Peat-machine.....	858,354	June 25	5704	1217	128	3244
Sharpneck, William S., assignor of one-half to F. C. Vehmeyer, Chicago, Ill. Roller-bearing.....	860,832	July 23	3865	1060	129	1371
Sharpneck, William S., assignor of four-sixths to F. C. Vehmeyer and L. O. Gilliland, Chicago, Ill. Pulverizer.....	861,324	July 30	4659	1273	129	1665
Sharrett, John H., Benhams, Va. Toy.....	842,027	Jan. 22	4485	963	126	1259
Sharts, Truman P., Readsboro, assignor of three-fourths to C. J. Howe, Jamaica, W. C. David and J. H. Cole, Readsboro, Vt. Carbon electrode and producing the same.....	845,585	Feb. 26	5678	1203	126	3318
Shauan, Ed, Lima, Ohio. Pumping-jack.....	849,166	Apr. 2	1120	226	127	1874
Shauck, Albert K. (See Lippy and Nicodemus, assignors.).....						
Shaules, Herbert A., New York, N. Y. Target.....	859,256	July 9	1455	388	129	524
Shaver, Elmer C., New York, N. Y. Stropping-machine.....	850,974	Apr. 23	4539	951	127	2857
Shaver, Harry W., Pocahontas, Va., assignor to General Electric Company. Cable-reel apparatus for mining-locomotives.....	853,522	May 14	2323	484	128	630
Shaver, Husted B., assignor of one-half to J. W. Davidson, Flemington, W. Va. Nut and pipe wrench.....	843,969	Feb. 12	2220	475	126	2384
Shaver, Thomas A., Toronto township, Peel county, Ontario, Canada. Harness for producing free action of the limbs of horses.....	854,536	May 21	4343	898	128	1179
Shaw, A. B., Medford, Mass. Automatic gas lighting and extinguishing apparatus.....	868,297	Oct. 15	1697	480	130	1875
Shaw, Archibald W., Drew, Miss. Rail-joint.....	842,915	Feb. 5	145	32	126	1828
Shaw, Charles H. (See Decker and Shaw.).....						
Shaw, Charles H., Milwaukee, Wis. Centrifugal-separator bearing.....	852,203	Apr. 30	7042	1471	127	3518
Shaw, Charles J., Owasso, Mich. Hay-loader.....	844,196	Feb. 12	2645	567	126	2487
Shaw, David E., Milwaukee, Wis. Bottle-washing machine.....	867,310	Oct. 1	121	26-7	130	1351
Shaw, David E., Milwaukee, Wis. Bottle-rinser and sterilizer.....	869,333	Oct. 29	3344	919-20	130	2436
Shaw, Edgar, Swampscott, Mass. Safety-pocket.....	851,259	Apr. 23	5106	1074	127	2997
Shaw, Edgar, Swampscott, Mass. Safety-pocket.....	851,966	Apr. 30	6561	1367	127	3397
Shaw, Edwin C., assignor to B. F. Goodrich Company, Akron, Ohio. Pneumatic-tire clip.....	856,494	June 11	2083	428	128	2256
Shaw, Edwin E., Edgewood, Mich. Beet-harvester.....	874,800	Dec. 24	5092	1072	131	2086
Shaw, Ernest C. (See Mather and Shaw.).....						
Shaw, Eugene W., Weir, Kans. Air-brake hose-coupling.....	865,615	Sept. 10	1352	383	130	442
Shaw, Francis G., assignor to International Switch and Signal Company, Boston, Mass. Means for keeping switch and signal apparatus free from snow and ice.....	856,184	June 4	1413	298-9	128	2049
Shaw, Francis G., assignor to International Switch & Signal Company, Boston, Mass. Means for keeping switch and signal apparatus free from snow and ice.....	869,987	Nov. 5	170	46	131	57
Shaw, Frank B., and J. M. Eberle, Warsaw, Ind. Track-aligning apparatus.....	855,733	June 4	569	117	128	1842
Shaw, Frederick G., London, England. Spectacles, motor-goggles, and the like.....	857,838	June 25	4668	990	128	2977
Shaw, George A., Dayton, Ohio. Clothes-lifter.....	857,838	Dec. 24	4605	967	131	2002
Shaw, George F., <i>et al.</i> (See Shaw, Henry F., assignor.).....						
Shaw, George F., San Francisco, Cal. Extension vehicle-step.....	846,151	Mar. 5	889	187	127	227
Shaw, George F., Dedham, Mass. Draft device for wagons.....	851,967	May 28	5223	1087-8	128	1433
Shaw, Grant. (See Coffman, James H., assignor.).....						
Shaw, Henry C. (See Norton and Shaw.).....						
Shaw, Henry C., Glenshaw, and V. Chartener, Pittsburg, Pa. Work-reversing feed-table.....	841,459	Jan. 15	3346	722-3	126	940
Shaw, Henry C., Glenshaw, and V. Chartener, assignors to A. Garrison Foundry Company, Pittsburg, Pa. Gearing.....	860,944	July 23	4048	1108-9	129	1431
Shaw, Henry D. (See Ramage and Shaw.).....						
Shaw, Henry F., Boston, Mass. Balancing locomotive-engine.....	848,572	Mar. 26	5711	1249	127	1526
Shaw, Henry F., West Roxbury, assignor of two-thirds to G. F. Shaw, Dedham, and G. F. Whipple, West Roxbury, Mass. Scale.....	853,903	May 14	3115	638	128	830
Shaw, Hugh R., Rosseau, Ontario, Canada. Propeller for vessels.....	854,112	May 21	3559	734	128	978
Shaw, Ira C., assignor of two-thirds to C. Sandusky and W. Price, Mount Pleasant, Pa. Tapping-machine.....	855,907	June 4	908	188-9	128	1923
Shaw, John H. (See Page and Shaw.).....						
Shaw, John H., New Haven, Conn. Mold for casting metals.....	853,324	May 14	1953	404	128	534
Shaw, John H., New Haven, Conn. Brake for car-wheels.....	864,269	Aug. 27	3374	938	129	3226

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Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
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Shaw, John H., assignor to Sargent & Company, New Haven, Conn. Combined door check and spring.	840,872	Jan. 8	2167	478	126	593
Shaw, John H., assignor to Sargent & Company, New Haven, Conn. Striker-plate.	848,859	Apr. 2	527	105	127	1723
Shaw, John H., assignor to Sargent & Company, New Haven, Conn. Plane.	869,267	Oct. 29	3226	888	130	2402
Shaw, John L., assignor of one-half to W. E. Huff, Novinger, Mo. Metal tie and rail-fastener.	863,458	Aug. 13	2143	578	129	2784
Shaw, John P., Aberdeen, Miss. Animal-yoke.	865,953	Sept. 10	1872	525	130	614
Shaw, Joseph, assignor of one-half to S. T. Meservy, Fort Dodge, Iowa. Adjustable wall and ventilator for stock-cars.	850,678	Apr. 16	3981	832	127	2678
Shaw, Leander P., Bradford, Pa. Nut-lock.	850,975	Apr. 23	4540	951	127	2857
Shaw, Levi M., Chicago, Ill. Water-motor.	848,694	Apr. 2	146	31	127	1624
Shaw, Linus H., assignor of one-half to F. M. Shaw & Son, Brockton, Mass. Heel for boots and shoes.	862,111	July 30	5889	1632	129	2043
Shaw, Lorenzo D., Glen Echo Park, Md. Pleasure-railway.	871,643	Nov. 19	3127	776	131	878
Shaw, Nathaniel H., Boston, Mass. Automatic gas lighting and extinguishing apparatus.	842,259	Jan. 29	4972	1061	126	1412
Shaw, Pearl L., Detroit, Mich. Duplex dumping and shaking grate.	845,903	Mar. 5	367	75	127	95
Shaw, Robert, Warsaw, Ind. Loading device.	866,393	Sept. 17	2537	707	130	855
Shaw, Robert L., Paterson, N. J. Pen-guide.	870,388	Nov. 5	833	221	131	274
Shaw, Robert W., London, Ontario, Canada. System of ventilation and heating.	848,695	Apr. 2	150	32	127	1626
Shaw, Robert W., Stamford, Conn. Propeller-wheel.	870,136	Nov. 5	404	113	131	135
Shaw, Sidney E., Berwick, Nova Scotia, Canada. Rack for hats, coats, &c.	862,112	July 30	5891	1632-3	129	2043
Shaw, Vernon H., Grangeville, Idaho. Rail-joint.	868,494	Oct. 15	2005	560	130	1967
Shay, Waldo H., Springfield, Mass. Apparel hanger and support.	846,956	Mar. 12	2494	549	127	664
Shaw Walker Company. (See Kenyon, Bertrand P., assignor.)						
Shaw Walker Company. (See Walker, Lawrence H., assignor.)						
Shaw, William, assignor to Bignall & Keller Mfg. Company, Edwardsville, Ill. Die for cutting tapered threads.	861,682	July 30	5215	1433	129	1838
Shaw, William C., White Plains, assignor to J. M. Boorman, Faulkner, Md. Circuit-breaker for electrical conductors.	844,961	Feb. 19	4440	949	126	2967
Shaw, William E., Boston, assignor to C. S. Bird, trustee, East Walpole, Mass. Amusement-target.	850,063	Apr. 9	2774	583	127	2326
Shaw, William H., Murphy, Cal. Key-retainer.	846,957	Mar. 12	2496	550	127	664
Shaw, William M., Greenville, Me. Logging device.	841,726	Jan. 22	3869	840	126	1106
Shaw, William U. G., Battle Ground, Ind. Weather-strip.	842,502	Jan. 29	5521	1170	126	1561
Shawyer, Rufus D., Deighton, Okla. Ter. Lock-hook.	864,701	Aug. 27	4076	1133	129	3446
Shay, Frank, Newark, assignor of one-half to C. A. Andrews, Rutherford, N. J. Poultry-perch.	849,507	Apr. 9	1790	363	127	2080
Shay, John H., deceased, Wallace, (A. Dugué, administrator,) assignor of one-half to D. J. McKay, New Orleans, La. Conveyor system.	852,204	Apr. 30	7044	1471	127	3519
Shea, John J., Beverly, Mass. Fiber vessel. (Reissue.)	12,616	Mar. 12	3154	694	127	826
Shea, John J., Beverly, assignor to Aseptic Drinking Cup Company, Cambridge, Mass. Aseptic drinking-cup. (Reissue.)	12,648	May 7	1701	352	128	490
Shea, Thomas A., Hammond, Ind., assignor to American Steel Foundries, New York, N. Y. Bearing end for half-elliptic springs.	843,306	Feb. 5	969	198	126	2036
Shead, Gifford L., Plainfield, Wis. Locking attachment for smoke-pipes.	863,325	Aug. 13	1962	529	129	2726
Sheahan, Maurice J., Rochester, N. Y. Device for gathering fruit.	865,437	Sept. 10	1047	299	130	347
Sheakley, Arthur M., San Francisco, Cal. Thread-tip cleaning-rod.	863,702	Aug. 20	2599	719	129	2958
Shear, Gertrude, Bergman, Ark. Darning implement.	846,253	Mar. 5	1062	228	127	270
Shear, Harry D., and U. S. Rhodabarger, Mannington, W. Va. Clamp.	855,989	June 4	1057	219	128	1961
Shearman, Frank R., Warsaw, N. Y. Combined mop head and wringer.	864,490	Aug. 27	3701	1032	129	3331
Shearman, John R., Indianapolis, Ind. Jar-closure.	860,338	July 16	3106	848	129	1091
Shears, Albert L., Seattle, Wash. Wrench.	869,527	Oct. 29	3655	1002	130	2534
Shears, Albert L., Seattle, Wash. Insulator.	874,445	Dec. 24	4386	923	131	1970
Shears, Albert L., Seattle, Wash. Detachable pipe-coupling.	875,004	Dec. 31	5543	1157	131	2178
Shears, William, Sault Ste. Marie, Mich. Floor-finishing device.	871,450	Nov. 19	2753	694	131	817
Sheasby, William H., et al. (See Cheesebro, William A., assignor.)						
Sheasby, William H., assignor to Antifriction Journal Box Company, Los Angeles, Cal. Journal-box.	849,274	Apr. 2	1312	266	127	1922
Sheble, Horace. (See Kraemer and Sheble.)						
Sheble, Horace, assignor to Hawthorne & Sheble Manufacturing Company, Philadelphia, Pa. Talking-machine.	855,674	June 4	440	92	128	1808
Sheble, Horace, assignor to Hawthorne & Sheble Manufacturing Company, Philadelphia, Pa. Talking-machine.	872,586	Dec. 3	569	119	131	1255
Sheckler, Wilder R., Greenville, Pa. Angle-pipe coupling.	870,200	Nov. 5	515	141	131	168
Shed, William H. (See Snyder, John, assignor.)						
Shedd, William F. (See Felter, Augustus J., assignor.)						
Shedlock, Alfred, Jersey City, N. J., assignor, by mesne assignments, to American Tobacco Company, New York, N. Y. Banding-machine.	840,022	Jan. 1	453	99	126	123
Shedlock, Alfred, Jersey City, N. J., assignor, by mesne assignments, to American Tobacco Company, New York, N. Y. Rolling-machine.	863,103	Aug. 13	1619	436	129	2619
Shedlock, Alfred, Jersey City, N. J., assignor, by mesne assignments, to International Cigar Machinery Company, New York, N. Y. Feeding mechanism.	840,023	Jan. 1	458	100	126	124
Shedlock, Alfred, Jersey City, N. J., assignor, by mesne assignments, to International Cigar Machinery Company, New York, N. Y. Collecting device.	863,104	Aug. 13	1622	436-7	129	2620
Shedlock, Alfred, Jersey City, N. J., assignor, by mesne assignments, to International Cigar Machinery Company, New York, N. Y. Feeding mechanism.	863,105	Aug. 13	1627	438	129	2621
Shedlock, Alfred, Jersey City, N. J., assignor, by mesne assignments, to International Cigar Machinery Company, New York, N. Y. Adhesive-applying mechanism.	863,106	Aug. 13	1633	438	129	2624
Shedlock, James J., London, England. Apparatus for making artificial fuel.	857,417	June 18	3827	811	128	2734
Shoe, Parke B., assignor of one-half to J. D. Denegre, St. Paul, Minn. Centrifugal separator-bowl.	869,808	Oct. 29	4093	1130	130	2663
Sheehan, Joseph D., Brooklyn, N. Y. Gas-burner attachment.	851,564	Apr. 23	5707	1195	127	3145
Sheehan, Thomas C., Jersey City, N. J., assignor to Trinity Press Company, New York, N. Y. Printing-machine.	845,586	Feb. 26	5679	1204	126	3318
Sheeley, Charles M., Kearney, Nebr. Revolving ball-bearing veterinary operating-table.	858,830	July 2	821	213	129	284
Sheen, Davis, Sonora, Tex. Pump-valve mechanism.	863,107	Aug. 13	1634	439	129	2624
Sheer, Eugene, Lincoln, Ill. Motor-vehicle.	842,260	Jan. 29	4975	1062	126	1412
Sheet Metal Recovery Company. (See Leitch, Meredith, assignor.)						
Sheet Metal Specialty Company. (See Follansbee, John, assignor.)						
Shets, Lewis A., et al. (See Kirkwood and Kimberling, assignors.)						
Sheets, Martin T., et al. (See Martin and Hake, assignors.)						
Sheets, Nial R. (See Goforth and Sheets.)						
Sheff, Andrew J., Pittsburg, Pa. Ring-expander.	859,847	July 9	2354	639	129	814
Sheffey, Thomas E., Decatur, Ala. Mail-bag catcher.	863,326	Aug. 13	1963	529	129	2727

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Sheffield Car Company. (See Hovey, William S., assignor.)						
Sheffield Car Company. (See Thomas, Frank A., assignor.)						
Sheinman, Morris, New York, N. Y., assignor to Alarm Lock Company. Alarm dead-lock.	869,462	Oct. 29	3552	974	130	2503
Shelby Printing Company. (See Gauch, Orlando S., assignor.)						
Shelby Steel Tube Company. (See Offutt, John W., assignor.)						
Shelden, Charles W., assignor of one-half to L. A. Tope, Clearfield, Iowa. Surgical instrument.	845,587	Feb. 26	5682	1204	126	3319
Shelden, Levi R., Cestos, Okla. Ter. Lifting apparatus.	855,990	June 4	1058	220	128	1961
Sheldon, Edward N., Belleville, Kans. Hair-tonic.	841,057	Jan. 8	2537		126	689
Sheldon, Elmer N., Middletown, Conn. Watchmaker's tool.	852,909	May 7	1114	230	128	283
Sheldon, Elwin I., assignor of one-half to A. Baumann, Greenwood, Wis. Flue-stopper.	866,526	Sept. 17	2717	759	130	911
Sheldon, Fred L., Tacoma, Wash. Cash-register attachment.	852,352	Apr. 30	7303	1534-6	127	3582
Sheldon, Hadley H., Albion, Mich. Show-case.	847,122	Mar. 12	2799	619	127	737
Sheldon, Harry E. (See Lewis, John E., assignor.)						
Sheldon, Henry L., Sharon Springs, Kans. Closure for lifter-openings for stove lids and plates.	851,967	Apr. 30	6562	1367	127	3397
Sheldon, Lewis W., and A. M. and J. W. Ayers, Brooklyn, N. Y. Cutting-machine.	863,227	Aug. 13	1819	489	129	2683
Sheldon, Richard. (See Orcutt and Sheldon.)						
Sheldon, Samuel B., Buffalo, N. Y. Coking coal.	846,958	Mar. 12	2497	550-1	127	664
Sheldon, Samuel B., Buffalo, N. Y. Coke-furnace.	847,614	Mar. 19	3813	834-6	127	1024
Sheldon, Samuel B., Buffalo, N. Y. Coking coal.	855,069	May 28	5445	1129-30	128	1490
Sheldon, Samuel B., Buffalo, N. Y. Poker mechanism for gas-producers.	865,616	Sept. 10	1353	383-4	130	442
Shelley, Clifford, Norton, Kans. Skid.	873,272	Dec. 10	1990	417	131	1515
Shell, Mason N., Eckman, W. Va. Car-mover.	849,923	Apr. 9	2547	528	127	2272
Shell, Mason N., Eckman, W. Va. Car-mover.	865,438	Sept. 10	1049	299	130	348
Shellabarger, Harvey M., Wapello, Iowa. Manufacturing of fence-posts and railway-ties.	840,263	Jan. 1	958	208	126	259
Shelton, Josephine. (See Van de Stadt, Theodorus C., assignor.)						
Shelton, Lawson B., Denver, Colo. Skirt-supporter.	848,212	Mar. 26	4996	1091	127	1349
Shelton, Mark, Neier, assignor of one-third to L. Sprinker and J. T. Steigle, St. Louis, Mo. Automatic game-trap.	864,200	Aug. 27	3276	908	129	3196
Shelton, William G. (See Hill, Herbert G., assignor.)						
Shelton, William G., Chicago, Ill. Massage instrument.	849,924	Apr. 9	2549	528	127	2272
Shelton, Winfield S., Jennings, La. Pump.	850,976	Apr. 23	4541	951	127	2857
Shem, George W., assignor to Alliance Machine Company, Alliance, Ohio. Take-up device for crane lifts or hoists.	840,807	Jan. 8	2037	450	126	563
Shem, George W., and H. W. Israel, Alliance, Ohio, assignors to Alliance Machine Company. Ingot-stripping mechanism.	867,311	Oct. 1	123	37-8	130	1351
Shenefelt, Francis L., Estherville, Iowa. Ditching-machine.	847,703	Mar. 19	3997	873-4	127	1069
Shepard, Charles B., Galena, Kans. Packing.	854,672	May 21	4596	959	128	1244
Shepard, Charles E. (See Eddy, Arthur H., assignor.)						
Shepard, Charles H., New York, assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machine.	855,206	May 28	5719	1190	128	1557
Shepard, Charles H., New York, assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machine.	855,207	May 28	5725	1191-2	128	1559
Shepard, Charles H., New York, assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machine.	865,806	Sept. 10	1629	461-2	130	529
Shepard, Charles U., Summerville, S. C. Mineral-separator.	853,603	May 14	2477	515	128	669
Shepard, Darwin W., Denver, Colo. Artificial timbering for mine-tunnels.	851,629	Apr. 23	5839	1220	127	3180
Shepard, Frank E., Denver, Colo., assignor to Denver Engineering Works Co. Ore-concentrating table.	869,860	Oct. 29	4167	1151	130	2687
Shepard, James L. B., assignor of one-fifth to W. M. Hall, Grayville, Ill. Spring-gear for vehicles.	870,692	Nov. 12	1297	354-5	131	455
Shepard, James M., Findlay, Ohio. Tire.	847,442	Mar. 19	3455	758	127	929
Shepard, Joseph. (See Mehlhorn and Shepard.)						
Shepard, Josephine G., Brooklyn, N. Y. Ironing-board.	872,854	Dec. 3	1133	239	131	1344
Shepard, Leroy C., Irwin, Iowa. Breeding-crate.	854,113	May 21	3560	734	128	978
Shepard, William O., and C. W. Cason, Sr., Camden, N. J. Umbrella attachment.	873,099	Dec. 10	1669	348	131	1460
Shepardson, Jedediah N. (See Barnum and Shepardson.)						
Shepardson, Jedediah N., and C. H. Pitney, assignors to Triumph Voting Machine Company, Pittsfield, Mass. Interlock for regular and independent voting mechanism.	840,521	Jan. 8	1482	328	126	424
Shepherd, Louis J., New York, N. Y. Receiptacle.	869,334	Oct. 29	3346	920	130	2437
Shepherd, Arthur W., St. Louis, Mo. Rotary engine.	859,848	July 9	2354	639	129	814
Shepherd, Frank D., Salt Lake City, Utah. Steam-turbine.	843,237	Feb. 5	817	168	126	2001
Shepherd, Gilbert C., New York, N. Y. Temporary binder.	840,665	Jan. 8	1761	387	126	495
Shepherd, H. L. (See Ceska, George D., assignor.)						
Shepherd, James H., Idaho Springs, Colo. Wrench.	845,588	Feb. 26	5683	1204	126	3319
Shepherd, James H., Idaho Springs, Colo. Wrench.	848,058	Mar. 26	4745	1035	127	1285
Shepherd, John E. (See McElroy, Shepherd, and Nolen.)						
Shepherd, Joseph H., assignor to Morris County Machine & Iron Company, Dover, N. J. Mixing-machine.	845,438	Feb. 26	5401	1147	126	3248
Shepherd, Lonell V., Los Angeles, Cal. Square.	847,208	Mar. 12	2981	657	127	783
Shepherd, William H., Des Moines, Iowa. Picture-frame attachment.	846,959	Mar. 12	2501	551	127	665
Sheppard, Auley B., Salem, N. J. Packing-box for photographic plates.	872,761	Dec. 3	928	193	131	1314
Sheppard, John P., Salem, N. J. Knitting-machine.	853,325	May 14	1954	404-5	128	535
Sheppard, Thomas W., New York, N. Y. Clutch.	858,915	July 2	944	246	129	324
Sheppard, William D., Exeter, England. Gas cooking-stove or the like.	847,704	Mar. 19	3999	874	127	1069
Sheppard, William V. (See Edwards and Sheppard.)						
Sheppy, Frederick, Chicago, Ill. Sound-box for talking-machines.	843,042	Feb. 5	403	87	126	1894
Sherard, John H. (See Rodman, James A., assignor.)						
Sherburne, Charles H., Boston, Mass. Rail bending and straightening machine.	845,131	Feb. 26	4799	1017	126	3101
Sherer, Frank Z., Montclair, N. J. Water-tube boiler.	840,093	Jan. 1	604	131	126	160
Sheridan, Andrew J., assignor to J. O. Wilson, Kansas City, Kans. Filter.	844,417	Feb. 19	3128	671	126	2647
Sheridan, John J., assignor of one-half to B. Hendler, Cassandra, Pa. Belt-holding device.	855,420	May 28	6098	1274	128	1652
Sheridan, Leslie M., Anaconda, Mont. Drafting instrument.	861,400	July 30	4796	1314	129	1708
Sheridan, Michael S. (See Fox, Benjamin O., assignor.)						
Sheridan, Michele H., Kenosha, Wis., assignor of one-third to M. J. Scholey. Sanding attachment for wood-turning lathes.	863,228	Aug. 13	1824	490	129	2685
Sheridan, Thomas F., Chicago, Ill., assignor to Allis-Chalmers Company, Milwaukee, Wis. Steam-turbine.	860,108	July 16	2762	754	129	977
Sherk, George W., et al. (See Akins, Charles J., assignor.)						
Sherlock, Dominic, Pittsburg, Pa. Folding clothes-rack.	841,058	Jan. 8	2538	554	126	689
Sherlock, Dominic, Pittsburg, Pa. Folding clothes-drier.	844,962	Feb. 19	4442	949	126	2908
Sherman, Alva, Howard, Kans. Attachment for planters.	872,542	Dec. 3	484	101	131	1242
Sherman, Charles O. (See Brendt and Sherman.)						
Sherman, George S., Nyack, N. Y. Combined settee and berth.	851,565	Apr. 23	5709	1196	127	3146

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Sherman, Harry E. and L. A., assignors, by mesne assignments, to W. S. Dickey, Kansas City, Mo. Target-trap.	852,910	May 7	1115	230	128	284
Sherman, Howard B., Battle Creek, Mich. Nozzle.	856,816	June 11	2692	556	128	2410
Sherman, John A., Worcester, Mass. Envelop.	841,346	Jan. 15	3138	677	126	887
Sherman, John A., Worcester, Mass. Envelop-machine.	843,707	Feb. 12	1732	369	126	2262
Sherman, John J., Jr., Chicago, Ill. Work-box.	858,831	July 2	823	214	129	285
Sherman, Louie A. (See Sherman, Harry E. and L. A.)						
Sherman, Ozro G., Chicago, Ill. Pencil-sharpener.	849,431	Apr. 9	1609	327	127	2036
Sherman, Plezz M., Sharon, Kans. Cultivator.	847,836	Mar. 19	4279	938	127	1135
Sherman, Thomas L., assignor to Standard Rivet Company, Boston, Mass. Machine for inserting ornaments.	857,839	June 25	4669	991	128	2978
Sherman, William B., Dorchester, Mass. Canoe-awning.	872,088	Nov. 26	4109	983	131	1056
Sherrard, James H., Sparta, Ill. Mower.	851,901	Apr. 30	6410	1338	127	3359
Sherrer, Fredrick M. and B. M. Faler, Portland, Ark. Portable bath-tub.	860,577	July 16	3466	952-3	129	1211
Sherrer, Philip, Cleveland, Ohio. Barrel-pitching equipment.	871,829	Nov. 26	3518	860-1	131	969
Sherrill, Nicholas J., Charlotte, N. C. Crate-tilting device.	843,708	Feb. 12	1736	369	126	2262
Sherry, James A., Fall River, Mass. Express-wagon.	858,223	June 25	5455	1164	128	3177
Sherry, James A., Fall River, Mass. Vehicle propelling and steering mechanism.	858,224	June 25	5458	1164-5	128	3178
Sherry, John. (See Buckley and Sherry.)						
Sherry, John, Rochester, N. Y. Lubricator.	865,319	Sept. 3	858	247	130	260
Sherry, John, assignor to Sterling Lubricator Company, Rochester, N. Y. Sight-feed for lubricators.	844,418	Feb. 19	3129	671	126	2647
Shers, Max, Chicago, Ill. Shaving-brush.	864,201	Aug. 27	3277	908	129	3196
SherSmith, Frank, Oconomowoc, Wis. Hinge.	840,966	Jan. 8	2360	517	126	643
Sherwin, Edgerton H. (See Sherwin, Edwin C., assignor.)						
Sherwin, Edwin C., assignor of one-half to E. H. Sherwin, Brandon, Wis. Road-grader.	874,916	Dec. 24	5350	1119	131	2123
Sherwin, James. (See Adams, John R., assignor.)						
Sherwin, John, Cleveland, assignor to Garford Company, Elyria, Ohio. Bonnet for motor-vehicles.	864,702	Aug. 27	4077	1133	129	3446
Sherwood, Alexander B., Chicago, Ill. Surface-printing plate.	859,587	July 9	1963	530	129	689
Sherwood, Arthur W., McDonough, Ga. Electric feeding mechanism.	848,928	Apr. 2	653	130-1	127	1755
Sherwood, Earl, Honesdale, Pa. Car-fender.	858,225	June 25	5459	1165	128	3179
Sherwood, Eliza S. (See Sherwood, Josiah W., assignor.)						
Sherwood, Harley L., Oakland, Cal. Sectional dredger-bucket.	866,971	Sept. 24	3395	961-2	130	1160
Sherwood, Harry B., and O. B. Blankenship, Kansas City, Mo. Computing-scale.	866,690	Sept. 24	2970	842	130	1019
Sherwood, John N. (See Willhoit, William E., assignor.)						
Sherwood, Joseph, Lake, Idaho. Auto snow-car.	844,963	Feb. 19	4443	949	126	2968
Sherwood, Josiah W., assignor of one-half to E. S. Sherwood, Green Lake, Mich. Thrill-support.	853,904	May 14	3117	638	128	830
Sherwood, Lawrence W., Washington, D. C. Center-punch.	865,063	Sept. 3	477	131	130	144
Sherwood, William I., assignor to W. Vogel & Brothers, New York, N. Y. Stereoscope.	846,805	Mar. 12	2181	479 80	127	586
Sherwood, William I., New York, assignor to Phonographic Music Co., Brooklyn, N. Y. Sound-reproducing record-disk.	871,370	Nov. 19	2562	657	131	789
Shevlin, Henry P. (See Shevlin, Joseph P. and H. P.)						
Shevlin, Joseph P. and H. P., Denver, Colo. Water-motor.	858,226	June 25	5462	1165-6	128	3179
Sheward, Ashley T., St. Louis, Mo. Feed-cutter.	851,321	Apr. 23	5240	1098	127	3033
Shidler, Obadiah, Alliance, Ohio. Weed and grass trimmer, &c.	841,586	Jan. 15	3584	779	126	1002
Shiek, Daniel W., Chicago, Ill. Tabulating attachment for computing-machines and the like.	868,709	Oct. 22	2379	659-60	130	2113
Shiek, Daniel W., Chicago, Ill., assignor to A. Bybee, Milford, Utah. Key-releasing mechanism for computing-machines, &c.	843,635	Feb. 12	1607	340	126	2229
Shiek, Daniel W., Chicago, Ill., assignor of one-half to W. L. Milliken, Indianapolis, Ind. Computing-machine.	872,021	Nov. 26	3964	953-4	131	1034
Shields, Charles A., Montreal, Quebec, Canada. Paper-clip.	862,025	July 30	5726	1590	129	1992
Shields, George F., Kern, Cal. Curling-iron.	846,354	Mar. 5	1259	276	127	317
Shields, James, Frankfort, Ind. Tobacco-pipe.	850,044	Apr. 16	3435	720	127	2539
Shields, James T., Milwaukee, Wis. Step-bearing for separator-spindles.	867,426	Oct. 1	298	87	130	1406
Shields, James W., Hubbell, Mich. Packing.	868,136	Oct. 15	1444	406	130	1797
Shields, John. (See Capener, Bump, Gust, and Shields.)						
Shields, Robert, South Boston, assignor to Frank Ridlon Company, Boston, Mass. Trolley-catcher.	858,355	June 25	5707	1218	128	3245
Shields, Samuel N., Greensburg, Pa. Insulated coupling.	851,446	Apr. 23	5477	1146	127	3092
Shields, William S., Chicago, Ill. Siphon.	848,696	Apr. 2	154	32	127	1626
Shields, William S., Chicago, Ill. Siphon.	873,961	Dec. 17	3361	716	131	1778
Shiema, Gustav. (See Fischer, Julius, assignor.)						
Shierson, William H., Adrian, Mich. Tie for wire fencing.	840,164	Jan. 1	759	165	126	206
Shigley, Cyrus C., Hart, assignor to Multi Phonograph Company Incorporated, Grand Rapids, Mich. Mandrel for phonographic records.	841,727	Jan. 22	3870	840	126	1107
Shiley, George P., Missouri Valley, Iowa. Label-pocket.	842,348	Jan. 29	5170	1099	126	1464
Shillaber, Daniel H., Lynn, Mass. Shoe-sole.	872,762	Dec. 3	931	193	131	1314
Shiller, Frank. (See Gross, Henry, assignor.)						
Shilling, Edward C., assignor of one-third to E. M. West, Columbus, Ohio. Non-refillable bottle.	856,735	June 11	2551	524	128	2375
Shilling, George. (See Stone, Nathaniel B., assignor.)						
Shiltz, Charles M., Carrollton, Ohio. Filter.	847,518	Mar. 19	3595	792	127	968
Shiman Miller Manufacturing Company. (See Miller and Morris, assignors.)						
Shimer, Elmer S., assignor to Samuel J. Shimer and Sons, Incorporated, Milton, Pa. Bit for rotary cutter-heads.	841,587	Jan. 15	3584	779	126	1002
Shimer, Elmer S., assignor to Samuel J. Shimer and Sons, Incorporated, Milton, Pa. Cutter-head.	843,498	Feb. 5	1314	276-7	126	2122
Shimer, Elmer S., assignor to Samuel J. Shimer and Sons Incorporated, Milton, Pa. Rotary cutter-head.	844,197	Feb. 12	2647	567-8	126	2487
Shimer, Elmer S., assignor to Samuel J. Shimer and Sons, Incorporated, Milton, Pa. Rotary cutter-head.	874,871	Dec. 24	5225	1101	131	2108
Shimer, Frank E., Elkhart, Ind. Flue-cutter.	843,499	Feb. 5	1316	277	126	2122
Shimer, Milton J., Freemansburg, Pa. Pistol.	847,837	Mar. 19	4280	939	127	1135
Shimerda, Frank, Scranton, Nebr. Corn-husking device.	860,066	July 16	2710	738	129	961
Shimmen, Robert. (See Gascard and Shimmen.)						
Shiner, William C., assignor to J. W. Fuller, Jr., Catasauqua, Pa. Rotary kiln.	844,623	Feb. 19	3785	799	126	2801
Shinn, Albert J. (See Divine and Shinn.)						
Shinn, Joseph A., Pittsburg, Pa., assignor to Fireproof Materials Company. Article of manufacture.	845,825	Mar. 5	180	.....	127	48
Shinn, W. H., et al. (See Cochran, Charles H., assignor.) (Reissue.)						
Shinn, William C., Lincoln, Nebr. Static electric machine.	873,178	Dec. 10	1824	382	131	1485
Shinn, William H., Carnegie, Pa. Pressed-steel journal-box for railway-cars.	860,254	July 16	2979	813-14	129	1049
Shipley, Grant B., assignor to Allis-Chalmers Company, Milwaukee, Wis. Dredge pin and joint.	845,014	Feb. 19	4558	970	126	2996

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Shipley, Grant B., assignor to Allis-Chalmers Company, Milwaukee, Wis. Ore-feeder.....	863,229	Aug. 13	1826	490-1	129	2686
Shipley, Grant B., assignor to Allis-Chalmers Company, Milwaukee, Wis. Roasting-furnace shaft.....	873,687	Dec. 10	2808	598	131	1655
Shipley, Oscar A., Rahway, N. J. Lubricator.....	840,094	Jan. 1	606	132	126	160
Shipley, Thomas, York, Pa. Ice machinery.....	868,495	Oct. 15	2006	560-1	130	1967
Shipman, David H., Merced, Cal. Wrench.....	863,108	Aug. 13	1636	439	129	2625
Shipman, James R., and J. S. Click, Bridgewater, Va. Umbrella.....	864,923	Sept. 3	263	69	130	83
Shipman, Madison D., De Kalb, Ill., assignor to United States Fastener Company of Portland, Maine, Boston, Mass. Separable button.....	871,897	Nov. 26	3663	893	131	992
Shipman, Ralph, Sunbury, Pa. Means for preventing slippage of traction-wheels.....	841,588	Jan. 15	3586	779-80	126	1002
Shipman, Ralph, Sunbury, Pa. Speed-indicator and distance-recorder.....	870,852	Nov. 12	1559	428-9	131	537
Shipman's Sons, Asa L. (See Revere, Paul, assignor.)						
Shires, Joseph A., Denver, Colo. Train-ventilating apparatus.....	841,460	Jan. 15	3348	723	126	941
Shires, Joseph A., Denver, Colo. Rail-spread-indicating device.....	853,126	May 7	1514	316	128	382
Shires, Joseph A., Denver, Colo. Rail-spread detector for railway-trains.....	859,182	July 2	1340	355-6	129	452
Shires, Joseph A., Denver, Colo. Means to prevent the spreading of railway-rails.....	863,558	Aug. 13	2289	626	129	2827
Shirk, Isaac W., assignor to J. F. Webber, Grant, Ohio. Axle-adjuster.....	862,852	Aug. 6	1238	335	129	2463
Shirk, Washington D., Fairfield, Iowa. Lightning-arresting switch.....	860,157	July 16	2833	774	129	1003
Shirkey, Ralph W. (See Silcott, Charles, assignor.)						
Shirley, Cephas I., Newark, assignor to Hyatt Roller Bearing Company, Harrison, N. J. Grinding-machine.....	859,343	July 9	1599	424-5	129	571
Shirley, John H., Mentha, assignor to A. M. Todd Company, Limited, Kalamazoo, Mich. Root-planting machine.....	870,693	Nov. 12	1298	355-6	131	456
Shirrod, George F., Uniontown, Wash. Squirrel-smoker.....	841,901	Jan. 22	4247	914	126	1202
Shive, Calvin A., Independence, Kans., assignor to Peerless Promoting and Manufacturing Company, Phoenix, Ariz. Ter. Washing-machine.....	866,527	Sept. 17	2718	759	130	912
Shively, Ira, and J. Huber, Dexter, N. Mex. Ter. Cement-gate mold.....	867,427	Oct. 1	300	87	130	1407
Shoe, John B. (See Brown and Shoe.)						
Shoecrat, Judson, Eskridge, Kans. Automatic signal.....	840,095	Jan. 1	607	132	126	160
Shoemaker, George A., Chicago, Ill., assignor to Baker-Vawter Company, Portland, Me. Binder-lock.....	853,379	May 14	2057	426	128	560
Shoemaker, George H., Benton township, Berrien county, Mich. Well-tube strainer.....	870,389	Nov. 5	833	221	131	274
Shoemaker, George R. (See Norris and Shoemaker.)						
Shoemaker, Guy W. (See Trout, Miles M., assignor.)						
Shoemaker, Harry, Jersey City, N. J. Apparatus for measuring electric capacity.....	850,064	Apr. 9	2776	583	127	2326
Shoemaker, Harry, Jersey City, N. J. High-potential-measuring instrument.....	850,065	Apr. 9	2777	583	127	2327
Shoemaker, Harry, Jersey City, N. J., assignor of one-half to C. D. Ehert, Philadelphia, Pa. Tachometer.....	854,437	May 21	4164	863	128	1135
Shoemaker, Reginald H., Jr. (See Shoemaker, Richard W., assignor.)						
Shoemaker, Richard W., assignor of fifty-five one-hundredths to R. H. Shoemaker, Jr., Pasadena, Cal. Visual recorder for telephone systems.....	840,718	Jan. 8	1866	411-12	126	522
Shoemaker, Thomas A., Danville, Ill. Water-heater.....	851,183	Apr. 23	4944	1039	127	2958
Shoemaker, William T., Philadelphia, Pa. Trousers-stretcher.....	864,999	Sept. 3	372	100	130	117
Shoenberg, Milton H., assignor of one-half to B. Lowenstein, San Francisco, Cal. Electrical heater.....	852,853	May 7	988	204	128	251
Shoenberg, Milton H., assignor of one-half to B. Lowenstein, San Francisco, Cal. Electrical fluid-heater.....	852,854	May 7	989	204	128	251
Shoenberg, Milton H., assignor to Consolidated Electric Appliance Companies, Ltd., San Francisco, Cal. Electrical heater and expansion coil.....	856,736	June 11	2553	524	128	2375
Shogran, Leonard, Kansas City, Kans. Apparatus for manufacturing artificial flowers.....	860,578	July 16	3467	953	129	1211
Sholar, Edward H., et al. (See Mallory and Slaughter, assignors.)						
Sholdebrand, Henry O., Salt Lake City, Utah. Stovepipe-cleaner.....	860,579	July 16	3469	953	129	1212
Sholes, Zalmon G., New York, N. Y. Attachment for automobiles.....	870,908	Nov. 12	1652	455	131	567
Sholes, Zalmon G., New York, N. Y. Fastening for vehicle-top bows.....	871,947	Nov. 12	1874	512-13	131	635
Sholes, Zalmon G., New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.....	862,591	Aug. 6	833	222	129	2341
Sholl, Charles. (See Gates, Louis W., assignor.)						
Shoner, Elmer, Carnegie, Pa. Smoking-pipe.....	868,496	Oct. 15	2008	561	130	1967
Shook, Jacob W., Turbutville, Pa. Elevator.....	872,855	Dec. 3	1135	240	131	1344
Shore, Albert F. and W., New York, N. Y. Multo-conductor.....	857,367	June 18	3742	791	128	2713
Shore, William. (See Shore, Albert F. and W.)						
Shores, Jeff H. (See Raschen, Wareing, and Shores.)						
Shorman, Edgar H., Marion, Iowa. Automatic weighing appliance.....	863,003	Aug. 13	1454	395-6	129	2568
Short, Allen M. (See Valiquette, William F., assignor.)						
Short, Benjamin H., High Point, Mo. Whip-socket lock.....	865,000	Sept. 3	373	100	130	117
Short, David A., Cincinnati, Ohio, assignor of two-thirds to E. F. Spencer, Dayton, Ky., and A. Reid, College Hill, Ohio. Making gas.....	868,710	Oct. 22	2382	660	130	2114
Short, Henry E., New York, N. Y., assignor, by mesne assignments, to Eureka Manufacturing Company, Boston, Mass. Apparatus for ornamenting candy.....	859,124	July 2	1248	334	129	421
Short, Henry E., New York, N. Y., assignor, by mesne assignments, to Eureka Manufacturing Company, Boston, Mass. Ornamenting candy.....	859,125	July 2	1249	334	129	422
Short, James R. (See Hass, Nehrbaas, and Short.)						
Short, Joseph B., Newark, N. J. Extractor for bottle-stoppers or corks.....	849,508	Apr. 9	1792	364	127	2081
Short, Joseph B., Newark, N. J. Bottle-closure.....	849,509	Apr. 9	1797	364	127	2082
Short, Noah B., Kansas City, Mo. Floor-scraper.....	852,583	May 7	432	79	128	114
Short, Robert L., Fostoria, Ohio. Fountain-brush.....	875,005	Dec. 31	5544	1157	131	2178
Short, Thomas J., Danville, Ill. Cleaner for car-windows.....	856,428	June 11	1973	406	128	2228
Short, Willard A., Seekonk, Mass., assignor of one-half to H. C. Arnold, Providence, R. I. Closure for automatic sprinklers.....	858,832	July 2	824	214	129	285
Short, William A., assignor of one-half to G. T. Ward, Beeville, Tex. Means for taking up wear on vehicle-axles.....	872,155	Nov. 26	4234	1010	131	1078
Short, William A. D., Lexington, Ky., assignor to Continental Signal Company. Automatic electric block-signal.....	875,120	Dec. 31	5764	1201-2	131	2215
Shortill, William J., Markdale, Ontario, Canada. Display device.....	871,190	Nov. 19	2163	577	131	728
Shortle, Christopher M. (See George and Shortle.)						
Shortt, Edward G., Carthage, N. Y., assignor to International Air Brake Company, Jersey City, N. J. Mechanism for controlling air-brakes.....	862,205	Aug. 6	152	43-4	129	2131
Shortt, Edward G., Carthage, N. Y., assignor to Ryan-Hopkins Machine Company. Fluid-pressure clutch.....	871,243	Nov. 19	2285	598	131	746
Shoup, Samuel R., Wilmington, Del. Voting-machine.....	852,911	May 7	1117	231	128	284
Shoup, Samuel R., Wilmington, Del. Voting-machine.....	853,127	May 7	1515	316	128	382
Shourds, Walter S., Philadelphia, Pa. Concrete construction.....	858,227	June 25	5465	1166	128	3180
Shouvin, Patrick J. (See Paschall, Lynne, assignor.)						
Shover, Barton R., Youngstown, Ohio. Means for controlling the operations of blast-furnace-charging devices.....	868,711	Oct. 22	2383	660	130	2114
Shover, Barton R., Youngstown, Ohio. Means for controlling the operations of blast-furnace-charging devices.....	868,712	Oct. 22	2388	661	130	2115

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Showalter, Lonnie W., Dale Enterprise, Va. Machine for weaving wire fences.	862,669	Aug. 6	947	254	129	2376
Showalter, Reuben S., Dale Enterprise, Va. Spacing apparatus for wire-fence machines.	859,126	July 2	1250	335	129	422
Showers, Roy A., Shenandoah, Iowa. Dumping-wagon.	850,799	Apr. 16	4189	879	127	2729
Shrader, Louis I., New Albany, Ind. Apparatus for fumigating telephone instruments.	872,204	Nov. 26	4333	1035	131	1094
Shreeve, Herbert E., Newton, Mass., assignor to American Telephone and Telegraph Company. Telephone repeater-circuit.	863,230	Aug. 13	1827	491	129	2686
Shreffler, Samuel, assignor to M. A. Felman and Company, Joliet, Ill. Rat and mouse trap.	867,163	Sept. 24	3705	1049	130	1257
Shriver, Charles S., Columbus, Ohio. Surgeon's operating-pan.	868,137	Oct. 15	1445	406	130	1797
Shrock, Thomas M., Gardnersville, Ky. Tobacco-hanger.	852,463	May 7	156	28	128	48
Shroy, Angus E., La Center, Wash. Saw-support for undercutting.	867,428	Oct. 1	301	88	130	1407
Shroyer, Oliver H., St. Louis, Mo. Internal-combustion engine.	874,122	Dec. 17	3745	788	131	1830
Shryock, Charlie, <i>et al.</i> (See Shryock, William H., assignor.)						
Shryock, Leonard D., Marietta, Ohio. Rope-clamp.	875,121	Dec. 31	5767	1202	131	2215
Shryock, William H., assignor of two-thirds to C. E. Richardson and C. Shryock, Pierce City, Mo. Steel railway-tie.	845,376	Feb. 26	5298	1123	126	3224
Shtuchka, Jacob J., Rochester, N. Y. Catamenial sack.	844,198	Feb. 12	2649	568	126	2488
Shuat, Benjamin F., Oberlin, Ohio. Hand-cultivator.	841,461	Jan. 15	3350	723-4	126	941
Shue, Edward F., Washington, D. C. Sound recording and reproducing mechanism.	842,028	Jan. 22	4485	964	126	1259
Shufelt, James A., assignor to F. Conde, Oswego, N. Y. Garment.	872,380	Dec. 3	130	24	131	1187
Shufelt, James A., assignor to F. Conde, Oswego, N. Y. Machine for folding and stitching fabrics.	872,381	Dec. 3	131	24	131	1188
Shukwech, John, New York, N. Y. Air-ship.	850,800	Apr. 16	4191	879-80	127	2729
Shults, William G., Knoxville, Tenn. Eyebolt bending and swaging machine.	809,107	Oct. 22	2979	823	130	2298
Shultz, Albert B., Buffalo, N. Y. Reversible propeller.	861,612	July 30	5117	1405	129	1809
Shultz, Charles H., St. Joseph, Mo. Metal sash-bar.	851,108	Apr. 23	4785	1006	127	2918
Shultz, Charles H., St. Joseph, Mo. Chute.	867,164	Sept. 24	3706	1049	130	1257
Shultz, Charles H., St. Joseph, Mo. Chute.	867,165	Sept. 24	3707	1049	130	1257
Shultz, William H., Grand Rapids, Mich. Felt boot and manufacturing the same.	859,257	July 9	1456	388	129	524
Shulze, John H. F., New York, N. Y. Railway-track construction.	858,110	June 25	5251	1114	128	3125
Shumaker, Charles F., assignor to Invincible Grain Cleaner Company, Silver Creek, N. Y. Separating or grading machine.	850,447	Apr. 16	3520	736	127	2561
Shumaker, John A., assignor of two-thirds to G. W. Brinham and N. R. Shumaker, Hyndman, Pa. Kiln.	850,066	Apr. 9	2779	584	127	2327
Shumaker, Marshall M., Terre Haute, Ind. Registering device.	874,254	Dec. 17	4002	845	131	1875
Shumaker, Norman R., <i>et al.</i> (See Shumaker, John A., assignor.)						
Shuman, Arno, Connellsville, Pa., assignor to Continuous Glass Press Company. Machine for making wire-glass.	856,661	June 11	2415	497	128	2339
Shuman, Arno, Connellsville, Pa., assignor to Continuous Glass Press Company. Method and machine for making wire-glass.	868,713	Oct. 22	2393	661	130	2116
Shumard, Malnor A., New Orleans, La. Traveling-receptacle.	841,902	Jan. 22	4248	914-15	126	1203
Shumway, Marshall G., Farmington, Minn. Litter-carrier.	869,939	Nov. 5	93	27	131	31
Shumway, Solomon, Le Roy, N. Y. Draft-equalizer.	851,566	Apr. 23	5710	1196	127	3146
Shunk, John A., <i>et al.</i> (See Tucker, Leroy, assignor.)						
Shunk, John A. (See Tucker and Shunk.)						
Shupe, Frederick A., and S. D. Page, Des Moines, Iowa. Cabinet for book-account balance-slips.	842,816	Jan. 29	6185	1307	126	1721
Shupe, Isaac, Newmarket, Ontario, Canada. Wagon-jack.	843,772	Feb. 12	1848	393	126	2291
Shupert, Frank W. (See Todd and Shupert.)						
Shuster, Andy C. (See Steele and Shuster.)						
Shutt, John E., Ganado, Tex. Gasket.	841,059	Jan. 8	2539	554	126	690
Shutz, John A., assignor of two-thirds to M. L. Kirkman and W. H. Woolley, Richmond, Ind. Electric-wire connector.	867,312	Oct. 1	126	38	130	1353
Shutz, John A., and M. L. Kirkman, assignors to Standard Pattern & Manufacturing Company, Richmond, Ind. Computing cheese-cutter.	857,840	June 25	4670	991	128	2978
Shutz, John A., and M. L. Kirkman, assignors to Standard Pattern & Mfg. Co., Richmond, Ind., and H. A. Wehry and L. C. Ashman, New Paris, Ohio. Vehicle-heater.	870,648	Nov. 12	1230	334	131	436
Shymanski, John N., Louisville, Ky. Treatment of clay chalk.	859,699	July 9	2137		129	744
Siabloff, Alexis, Kolomna, Russia. Steam-engine.	875,294	Dec. 31	6101	1273	131	2270
Sias, John M., Myra, W. Va. Nut-lock.	842,029	Jan. 22	4487	964	126	1259
Sibley, Clarence C. (See Lutz and Sibley.)						
Sibley, Stephen J., Springfield, assignor of one-half to C. J. Ford, Holyoke, Mass. Combination-tool.	864,703	Aug. 27	4078	1133	129	3446
Sieckles, Frank W., Hartford, Conn. Carbureter.	864,111	Aug. 20	3120	863	129	3119
Sieckmiller, Albert H., Galion, Ohio. Wire basket.	858,543	July 2	303	76	129	107
Sidler, Fredric, West Pullman, Ill. Annunciator.	864,341	Aug. 27	3474	967	129	3256
Siebel, John E., Chicago, Ill. Distilling, concentrating, and evaporating liquids.	849,579	Apr. 9	1917	393	127	2112
Sieber & Trussell Manufacturing Company. (See Dawson, James C., assignor.)						
Sieber & Trussell Manufacturing Company. (See Heeter, Thomas E., assignor.)						
Sieber & Trussell Manufacturing Company. (See Trussell, Emory A., assignor.)						
Sieber & Trussell Mfg. Co. (See Dawson and Heeter, assignors.)						
Sieber & Trussell Mfg. Co. (See Miller, William M. S., assignor.)						
Siebert, Fritz, Oakdale, Pa. Lock.	872,156	Nov. 26	4235	1010	131	1070
Siebring, Claude, George, Iowa. Gate.	863,231	Aug. 13	1830	492-3	129	2687
Siegel, Ferdinand, <i>et al.</i> (See Reiber, Frederick W., assignor.)						
Siegel, John F., Creston, Iowa. Brick and tile truck.	860,699	July 23	3675	1006	129	1311
Siegfried, Enis A., Lamar, Colo. Safe-lock.	858,111	June 25	5252	1115	128	3125
Siegfried, Robert, Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Commutator-brush.	856,429	June 11	1974	406	128	2228
Siegfried, Robert, Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Receptacle for electrical and other devices.	864,930	Sept. 3	264	70	130	83
Siegmann, William, Baltimore, Md., assignor to Sagax Wood Company. Making artificial wood products.	866,691	Sept. 24	2971		130	1019
Siegrist, Benjamin F., assignor of one-half to J. G. Morith, Buffalo, N. Y. Valve.	856,552	June 11	2196	452	128	2283
Siegiwart, Hans, Lucerne, Switzerland. Process and apparatus for manufacturing hollow masts, pipes, hollow piles, &c.	839,895	Jan. 1	185	41-2	126	52
Siellaff, Max, Berlin, Germany. Post-stamp-vending apparatus.	856,104	June 4	1241	261-2	128	2005
Siemens Gebrüder & Co. (See Egly, Georg, assignor.)						
Siemens & Halske, A. G. (See Ferreira, Luis D. G., assignor.)						
Siemens & Halske, A. G. (See Gillet, Joseph, assignor.)						
Siemens & Halske Aktiengesellschaft. (See Marchthal, Eduard M. v., assignor.)						
Siemens & Halske Aktiengesellschaft. (See Niebuhr, Henri, assignor.)						
Siemens & Halske Aktiengesellschaft. (See Pfeil, Robert, assignor.)						
Siemens & Halske Aktiengesellschaft. (See Pirani, Marcello von, assignor.)						
Siemens-Schuckert Werke, G. M. B. H. (See Kötting and Meyer, assignors.)						
Siemens-Schuckert-Werke, G. M. B. H. (See Richter, Rudolf, assignor.)						

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Siemens-Schuckert Werke Gesellschaft mit Beschränkter Haftung. (See Mollier, Walther, assignor.)						
Siemens-Schuckert-Werke, Gesellschaft mit Beschränkter Haftung. (See Oelschläger, Ernst, assignor.)						
Siems, Henry C., and H. Dewitz, Wheatley, Ark. Extension-ladder.....	874,801	Dec. 24	5093	1073	131	2086
Siemund, Herman, Chicago, Ill. Holder for bowls and the like.....	850,499	Apr. 16	3625	758	127	2587
Sieurin, Paul W., Gothenburg, Sweden. Hoisting apparatus.....	844,477	Feb. 19	3251	701	126	2677
Sievers, Hans H. A., Davenport, Iowa. Mechanical movement.....	853,478	May 14	2228	464	128	604
Sievert, Paul T., Dresden, Germany. Process and apparatus for fire-polishing plate-glass.....						
Sievert, Paul T., Dresden, Germany. Means for pouring glass directly from melting-furnaces.....	843,238	Feb. 5	821	169-70	126	2002
Siewert, George, Brooklyn, Iowa. Washing-machine.....	861,401	July 30	4797	1315	129	1708
Sigafoos, Russel B., Helena, Mont., assignor to American Rotary Tunnel Machine and Development Company, Denver, Colo. Tunneling-machine.....	869,940	Nov. 5	94	27	131	32
Siggers, E. G. (See Prairie, Gilbert, assignor.)	864,704	Aug. 27	4079	1134	129	3446
Sigrist, Jacob, Poughkeepsie, N. Y. Surface-indicator.....	843,043	Feb. 5	404	88	126	1895
Slim-Jensen, Hans V., Copenhagen, Denmark. Photographic-printing apparatus.....	861,907	July 30	5562	1537	129	1942
Sikes, Newton C., Dallas City, Ill. Harness attachment.....	856,495	June 11	2085	429.	128	2256
Sikes, Simeon R. (See Sikes, Thomas E. and S. R.)						
Sikes, Simeon R. and T. E., Ocilla, Ga. Seed-planter.....	848,135	Mar. 26	4872	1064	127	1316
Sikes, Thomas E. (See Sikes, Simeon R. and T. E.)						
Sikes, Thomas E. and S. R., Helena, Ga. Hay-press.....	851,322	Apr. 23	5241	1098-9	127	3033
Sikora, Pawel, Pustkow, Austria-Hungary. Header and thresher.....	872,465	Dec. 3	321	65	131	1217
Silberrad, Oswald, Blackheath, England. Explosive.....	849,925	Apr. 9	2551		127	2273
Silberrad, Oswald, Blackheath, England. Explosive.....	850,119	Apr. 9	2892		127	2355
Silberzahn, John D., Marinette, Wis. Mechanism for automatically operating exhaust-valves on explosive-engines.....						
Silcott, Charles, assignor of one-half to R. W. Shirkey, Henderson, Ky. Removable bottom frame for vehicle-tops.....	859,127	July 2	1253	335	129	423
Sill, Richard V., Newark, N. J., assignor of two-thirds to A. E. Pelham, New York, N. Y. Electric controller.....	848,059	Mar. 26	4746	1035	127	1286
Sill Stove Works. (See Clunies, Arthur B., assignor.)	856,737	June 11	2554	524	128	2375
Sill Stove Works. (See Curtis, Charles W., assignor.)						
Sillet, Harry C., Salt Lake City, Utah. Automatic water-supply system.....	873,906	Dec. 17	3257	695	131	1761
Sillman, Sarah, New York, N. Y. Toy snake.....	862,206	Aug. 6	157	45	129	2133
Sillman, William, New York, N. Y. Machine for making millboard.....	840,386	Jan. 1	1222	267	126	321
Sillman, William, New York, N. Y. Machine for making millboard.....	840,387	Jan. 1	1224	267-8	126	322
Sills, Benson S., Belleville, Ontario, Canada. Truss.....	875,122	Dec. 31	5768	1203	131	2216
Sills, Berton H., assignor of one-half to W. S. Conger and S. E. Carman, Belleville, Ontario, Canada. Wheel.....	848,325	Mar. 26	5245	1144	127	1411
Silva, Manuel, and A. Lumpp, Springfield, Ill. Concrete-block machine.....	848,697	Apr. 2	157	32-3	127	1626
Silver Manufacturing Company. (See Haldeman, Charles F., assignor.)						
Silver Manufacturing Company. (See Rice, Louis E., assignor.)						
Silver Manufacturing Company. (See Taylor and Haldeman, assignors.)						
Silver, Robert, assignor of one-half to M. Walters, Knightstown, Ind. Closed vehicle-body.....	859,344	July 9	1602	425	129	572
Silver, William H., and C. A. Bunyan, Hammond, Ill. Apparatus for moving dredges.....	858,033	June 25	5083	1076-7	128	3081
Silverman, Abe. (See Altman and Silverman.)						
Silvers, Ernest F. (See Silvers, Frederick C. M. and E. F.)						
Silvers, Frederick C. M. and E. F., assignors of one-tenth to E. D. Kellogg, New York, N. Y. Multiple punch.....	862,516	Aug. 6	695	188-9	129	2302
Silverstein, Joseph. (See Sturm and Silverstein.)						
Silvey, William L., Dayton, Ohio. Making storage-battery plates.....	855,991	June 4	1059	220	128	1961
Silvis, Anthony W., and F. A. Dudley, Dutton, Ark. Sanding attachment for lathes.....	859,466	July 9	1773	475-6	129	628
Silvius, Ellis T., Indianapolis, Ind. Composite fence-post.....	862,522	Aug. 6	709	191	129	2306
Silzer, George C. (See Blish and Silzer.)						
Sim, Celia, Nebraska City, Nebr. Drainer.....	851,207	Apr. 23	4998	1051	127	2970
Simcoe, Harry W., Louisville, Ky. Torpedo-placing machine.....	870,390	Nov. 5	834	221-2	131	274
Simering, John C., Baltimore, Md. Peanut-vender.....	862,517	Aug. 6	699	189	129	2304
Simmerdinger, Joseph, Wenigenjena, Germany. Blast-gas burner.....	869,268	Oct. 29	3227	888	130	2402
Simmerly, Anthony R., Cleveland, Ohio. Die.....	852,636	May 7	529	100	128	138
Simmerman, Robert E. L., Hartford, Ky. Spike.....	867,429	Oct. 1	302	88	130	1407
Simmons, Lenuel J., Fitzgerald, Ga. Running-gear for vehicles.....	844,898	Feb. 19	4338	926	126	2942
Simmonds, Fernandez M., assignor of one-half to R. B. Donaldson, Chicago, Ill. Spring.....	872,692	Dec. 3	785	163	131	1292
Simmonds, James E., Camp Point, Ill. Corn-shooking mechanism.....	854,059	May 21	3449	710-12	128	952
Simmons, Alonzo J., Los Angeles, Cal. Treating water.....	867,313	Oct. 1	127	38	130	1353
Simmons, Alonzo J., Los Angeles, Cal. Means for preventing and removing incrustation from boilers.....						
Simmons, Andrew J., Farmington, Mo. Horse-collar.....	867,430	Oct. 1	303	88	130	1407
Simmons, Calvin L., Davenport, Wash. Clamping device.....	874,629	Dec. 24	4759	1001	131	2030
Simmons, Charles W., Hillsboro Bridge, N. H. Attachment for doors.....	853,128	May 7	1522	317	128	384
Simmons, Elmer, Turners, Mo. Post-maul.....	862,592	Aug. 6	836	223	129	2343
Simmons, George W., Yellow River, Ga. Adjustable plow-heel.....	843,636	Feb. 12	1610	341	126	2231
Simmons Hardware Company. (See Duffett, George J., assignor.)	853,348	May 28	5973	1246	128	1622
Simmons, James, Long Branch, N. J. Bicycle-standard.....	864,202	Aug. 27	3278	908	129	3196
Simmons, Jesse C., assignor of one-half to C. L. Churchill, Shelby, Mich. Rotary engine.....						
Simmons, John, Burdette, Ark. Stave-jointing machine.....	844,758	Feb. 19	4070	867-8	126	2874
Simmons, John P., San Francisco, Cal. Vehicle steering-gear.....	860,109	July 16	2763	754	129	977
Simmons, Joseph M., Philadelphia, Pa. Holder for lamp-mantles.....	874,802	Dec. 24	5095	1073	131	2087
Simmons Manufacturing Company. (See Hunt, Ozzello R., assignor.)	869,661	Oct. 29	3873	1061	130	2600
Simmons, Samuel T., Columbus, Ohio. Trolley-harp.....	870,999	Nov. 12	1808	492	131	615
Simmons, Wilbern C., et al. (See London, Thomas N. and J. A., assignors.)						
Simmons, William H., New York, N. Y. Skirt-marker.....	849,341	Apr. 2	1446	293-4	127	1956
Simmons, William N., Pass Christian, Miss. Fishing-float.....	862,853	Aug. 6	1239	336	129	2463
Simms, Harold A. (See Moody and Simms.)						
Simms, Henry W., Bay City, Mich. Wrench.....	855,483	June 4	81	17	128	1715
Simms, James H., Mobile, Ala. Valve.....	840,388	Jan. 1	1226	268	126	322
Simon, Charles, Paterson, N. J. Weighting silk.....	840,264	Jan. 1	958		126	260
Simon, Charles, Avilla, Ind. Bell-ringing motor.....	864,038	Aug. 20	3006	831	129	3083
Simon, Gottlieb H., Kiel, Wis. Milk-vat.....	854,537	May 21	4345	899	128	1179
Simon, Gottlieb H., Kiel, Wis. Milk-vat.....	866,394	Sept. 17	2538	707	130	855
Simon, Jacob J., McDonaldsville, Ohio. Potato-cutting machine.....	859,345	July 9	1803	425-6	129	573
Simon, Joseph, Cedar Rapids, Iowa. Line-holder.....	841,589	Jan. 15	3592	780	126	1004
Simon, Lewis. (See Mathis and Simon.)						
Simon, Reuben, New York, N. Y. Terminal for electrical moldings.....	849,275	Apr. 2	1313	266	127	1923

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Simon, William, McKees Rocks, Pa. Display-case.	852,982	May 7	1256	259	128	319
Simonds, Frank A., Grand Rapids, assignor to Simonds Heating and Specialty Company, Fremont, Mich. Heating.	860,700	July 23	3677	1007	129	1312
Simonds, Frank A., Grand Rapids assignor to Simonds Heating and Specialty Company, Fremont, Mich. Heating system.	865,439	Sept. 10	1050	299-300	130	348
Simonds, George L. (See Hays, Joseph W., assignor.)						
Simonds Heating and Specialty Company. (See Simonds, Frank A., assignor.)						
Simonds, John W., Greenville, Tex. Trace-fastener.	845,273	Feb. 26	5078	1079	126	3171
Simonin & Co. (See Simonin, Henri, assignor.)						
Simonin, Henri, assignor to Simonin & Co., Zurich, Switzerland. Machine for rubbing narrow fabrics.	860,833	July 23	3866	1060	129	1371
Simons, Isaac M., Youngstown, Ohio. Electric fire-alarm.	856,921	June 11	2880	603	128	2454
Simonton, Jackson, Altoona, assignor to Standard Steel Car Company, Pittsburg, Pa. Door for box-cars.	864,203	Aug. 27	3279	909	129	3197
Simpkins, Ernest J., Toledo, Ohio. Upright-piano action.	845,720	Feb. 26	5957	1258	126	3387
Simplex Concrete Piling Company. (See Stewart, John, assignor.)						
Simplex Cutting Machine Co. (See King, William H., assignor.)						
Simplex Electric Heating Company. (See Ayer, James I., assignor.)						
Simplex Manufacturing Company. (See Fancher, Charles J., assignor.)						
Simplex Piano Player Company. (See Brown, Theodore P., assignor.)						
Simplex Press Company. (See Morgan, Benjamin W., assignor.)						
Simplex Railway Appliance Company. (See Atwood, William S., assignor.)						
Simplex Railway Appliance Company. (See Bauer, Carl E., assignor.)						
Simplex Time Recorder Company. (See Hawley, Charles T., assignor.)						
Simplex Time Recorder Company. (See Stowell, Desrie A., assignor.)						
Simplex Time Recorder Company. (See Stowell and Hawley, assignors.)						
Simplex Valve and Meter Company. (See Ledoux, John W., assignor.)						
Simplex Valve and Meter Company. (See Ledoux and Ball, assignors.)						
Simpson, Alexander, New York, N. Y. Valve.	851,447	Apr. 23	5478	1147	127	3092
Simpson, Alfred L., New York, N. Y. Traveling platform, grate, or surface.	853,129	May 7	1523	317	128	384
Simpson, Charles C. W., Wigan, England. Brake for railway-vehicles.	856,738	June 11	2555	525	128	2376
Simpson, Charles L., assignor to Miracle Pressed Stone Company, Minneapolis, Minn. Collapsible inner shell for molding tapering pipe.	867,431	Oct. 1	305	88-9	130	1408
Simpson, Edward R., Eddyville, and W. L. Martin, Louisville, Ky. Broom-head.	866,231	Sept. 17	2290	640	130	777
Simpson, Fred, Buenos Ayres, Argentina. Liquid-measure.	868,023	Oct. 15	1278	354-5	130	1747
Simpson, Frederick G., and W. M. Price, Seattle, Wash. Indicator for electrical measuring instruments.	863,109	Aug. 13	1637	439	129	2625
Simpson, Herbert S. (See Simpson, Peter L., assignor.)						
Simpson, Heuradias G., Elkhorn, W. Va. Horse-detacher.	846,152	Mar. 5	890	187	127	227
Simpson, Isaac, Wilmerding, assignor of one-eighth to H. C. Loudenbeck, Wilkinsburg, Pa. Friction draft-gear.	869,269	Oct. 29	3227	888-9	130	2402
Simpson, James N. and J. P., Ridgway, Mo. Wagon-wheel greaser.	858,631	July 2	483	124	129	169
Simpson, John L., Marion Center, Pa. Comb-fastener.	844,199	Feb. 12	2651	568	126	2488
Simpson, John P. (See Simpson, James N. and J. P.)						
Simpson, John R., Troy, Ohio. Bushing and making same.	840,165	Jan. 1	760	166	126	206
Simpson, Joseph B. (See Lewis, Oliver E., assignor.)						
Simpson, La Verne, and J. Stein, Pittsburg, Pa. Metallic tie and rail-fastener.	853,741	May 14	2777	571	128	747
Simpson, Peter L., assignor to H. S. Simpson, Chicago, Ill. Pulverizer.	842,430	Jan. 29	5364	1135-6	126	1522
Simpson, Queen M., Lawrence, Pa. Self-leveling table.	843,371	Feb. 5	1078	223	126	2063
Simpson, Ray C., Dallas, Tex. Water-cock for water-heaters.	854,538	May 21	4346	899	128	1180
Simpson, Robert, London, Ontario, Canada. Fruit-picking apparatus.	845,484	Feb. 26	5512	1167	126	3277
Simpson, Rufus A., Ferndale, Cal. Butter-cutting machine.	862,670	Aug. 6	948	255	129	2377
Sims, Albert N., et al. (See Clayton, Frederick W., assignor.)						
Sims, Edward B., Western, Nebr. Spring-wheel.	845,826	Mar. 5	181	35	127	48
Sims, Emma N. (See Austin and Purviance, assignors.)						
Sims, Lewis J., Lincoln, Ill. Light-reflecting attachment for type-writers.	849,862	Apr. 9	2444	500	127	2246
Sims, William, Ashton, Mich. Scaffold.	866,078	Sept. 17	2079	579	130	710
Sims, Wm. A. (See Mallard, Logan L., assignor.)						
Sims, Wm. A., et al. (See Mallard, Logan L., assignor.)						
Sinclair, Alexander, et al., trustees and executors. (See Sinclair, George.)						
Sinclair, Cyrus H. (See Brown, John E., assignor.)						
Sinclair, Edward M. (See Mason and Sinclair.)						
Sinclair, George, deceased, R. Sinclair, Edinburgh, A. and G. Sinclair, Leith, J. C. and W. Sinclair, Edinburgh, Scotland, trustees and executors. Water-tube boiler.	856,185	June 4	1415	299	128	2049
Sinclair, Harry R., Worcester, Mass. Pipe-vise.	874,123	Dec. 17	3747	788	131	1831
Sinclair, Harry R., and C. Ekman, Worcester, Mass.; said Ekman assignor to said Sinclair. Pipe-vise.	874,124	Dec. 17	3750	789	131	1831
Sinclair, Hector M., Rocky Ford, Colo. Cement.	859,527	July 9	1860	129	129	656
Sinclair, Herbert, Trenton, N. J. Insulator.	855,208	May 28	5727	1192	128	1559
Sinclair, James C., et al., trustees and executors. (See Sinclair, George.)						
Sinclair, John B. (See Germiner, William, assignor.)						
Sinclair Laundry Machinery Co. (See Thurber, William, assignor.)						
Sinclair, Robert, et al., trustees and executors. (See Sinclair, George.)						
Sinclair, William, et al., trustees and executors. (See Sinclair, George.)						
Sinclair, Henry P., Corning, N. Y. Locking device for bottle-stoppers.	859,784	July 9	2259	614	129	786
Sine, Franklin W. (See Montgomery, James M., assignor.)						
Sinek, William J. (See Blome and Sinek.)						
Sinek, William J., and R. S. Blome, Chicago, Ill. Pavement and making the same.	856,105	June 4	1243	262	128	2006
Siner, John M., New York, N. Y., assignor to Venus Manufacturing Company. Separable fastener for garters.	868,298	Oct. 15	1701	480	130	1875
Singer, Berthold, assignor to Perolin Company of America, Chicago, Ill. Manufacture of sweeping compounds.	854,114	May 21	3562	128	129	979
Singer, Berthold, assignor to Perolin Company of America, Chicago, Ill. Sweeping compound.	862,113	July 30	5894	129	129	2044
Singer, Berthold, assignor to Perolin Company of America, Chicago, Ill. Sweeping compound.	867,538	Oct. 1	474	130	129	1461
Singer, Carl J., Washington, D. C. Gate.	844,964	Feb. 19	4445	949-50	126	2909
Singer, Harold D., Omaha, Nebr. Nursing-bottle.	845,981	Mar. 5	529	110	127	137
Singer Manufacturing Company. (See Allen, Edward B., assignor.)						
Singer Manufacturing Company. (See Allen and Goodyear, assignors.)						
Singer Manufacturing Company. (See De Voe, Albert H., assignor.)						
Singer Manufacturing Company. (See Diehl, Philip, assignor.)						
Singer Manufacturing Company. (See Gatchell, George S., assignor.)						
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Singer Manufacturing Company. (See Noon, Herbert E., assignor.)						
Singer Manufacturing Company. (See Phelps, Herbert L., assignor.)						
Single, Leonard, Hamilton, Ohio. Safety device for speed-governors	845,132	Feb. 26	4801	1017	126	3101
Singleton, Clifton E., New York, N. Y. Cycle-stand	863,327	Aug. 13	1964	529	129	2727
Singleton, George, Dover, N. J. Thread-guide	855,349	May 28	5973	1247	128	1622
Singmaster, James W., assignor of one-half to H. F. Neumeyer, Macungie, Pa. Hydrant.	855,350	May 28	5975	1247	128	1622
Sinks, William R. (See Folwell and Sinks.)						
Sinovic, Marin, Chicago, Ill. Wagon-starter	861,544	July 30	5015	1377	129	1778
Sinskey, Adolf. (See Niemeyer, Lehmann, and Sinskey.)						
Sintz, Clark, assignor to Pennsylvania Iron Works Company, Philadelphia, Pa. Valve mechanism for internal-combustion engines	851,998	Apr. 30	6625	1379-80	127	3413
Sirrine, Joseph E., Greenville, S. C. Forebay construction	854,539	May 21	4347	899-900	128	1180
Sisler, Michael G., Bellevue, Iowa. Veterinary obstetrical instrument	868,138	Oct. 15	1445	406	130	1797
Sisson, Albert H., assignor to St. Louis Car Company, St. Louis, Mo. Car construction	859,015	July 2	1096	290-1	129	374
Sisson, Albert H., assignor to St. Louis Car Company, St. Louis, Mo. Car construction	859,016	July 2	1098	291	129	374
Sisson, Albert H., assignor to St. Louis Car Company, St. Louis, Mo. Passenger-car construction	859,017	July 2	1098	292	129	375
Sisson, Albert H., assignor to St. Louis Car Company, St. Louis, Mo. Passenger-car construction	861,145	July 23	4360	1195-7	129	1533
Sisson, Albert T., assignor, by mesne assignments, to W. P. Mather, Providence, R. I. Ball-bearing	848,776	Apr. 2	318	65	127	1667
Sisson, Arthur C., Pawtucket, R. I. Alarm-bell for elevators	857,368	June 18	3743	792	128	2713
Sittel, Edward S. (See McLaughlin and Sittel.)						
Sitton, Benjamin J., assignor of one-half to E. R. Overman and J. J. Kincaid, Salisbury, N. C. Veneer-cutting machine	844,899	Feb. 19	4339	926-7	126	2943
Sitts, Frank J., Herkimer, N. Y. Type-writer cabinet	852,805	May 7	883	180	128	225
Sivertson, Lucas K., Willow City, N. D. Rotary engine	854,001	May 21	3320	683	128	920
Sizaire, Maurice, and L. Naudin, Puteaux, assignors to Société des Automobiles Sizaire et Naudin, Paris, France. Change-speed gear	873,461	Dec. 10	2360	496	131	1579
Sizemore, Samuel A., Leadwood, Mo. Swivel for rock-drills	873,801	Dec. 17	3047	647	131	1726
Sizemore, Thomas A., Greenville, S. C. Banding-machine	855,351	May 28	5977	1247	128	1623
Sjöberg, John P. (See Forsgren, Ernst L., assignor.)						
Sjöbring, Nils P., Jamestown, N. Y. Sheet-metal door	847,443	Mar. 19	3457	758	127	929
Sjögren, Carl A. T., Stockholm, Sweden. Gun	866,972	Sept. 24	3398	962	130	1160
Sjölander, Gustaf. (See Cullen and Sjölander.)						
Sjöström, Ivar L., Lawrence, Mass. Truck	849,816	Apr. 9	2339	480	127	2219
Sjöström, Johannes, Gäfve, Sweden. Piston-pump	860,255	July 16	2980	814	129	1050
Skahen, Patrick D., Syracuse, N. Y. Pulley	859,849	July 9	2356	640	129	815
Skahen, Patrick D., Syracuse, N. Y. Pulley	864,570	Aug. 27	3874	1074-5	129	3383
Skalstad, Carl A., Chicago, Ill. Dental broach	873,100	Dec. 10	1670	348	131	1461
Skamper, George D. (See Fauth and Skamper.)						
Skelenger, Daniel P., Morristown, N. J. Gas-regulator	851,999	Apr. 30	6629	1380	127	3414
Skelley & Company. (See Skelley, Thomas J., assignor.)						
Skelley, Thomas J., Collinwood, assignor to Skelley & Company, Cleveland, Ohio. Telephone-holder	852,081	Apr. 30	6806	1418	127	3459
Skelley, Thomas J. (See Adams, John Q., assignor.)						
Skelley, Thomas V., Chicago, Ill. Phonograph-record holder	854,002	May 21	3322	683	128	921
Skelley, Thomas V., Chicago, Ill. Record holding and shifting attachment for phonographs	874,548	Dec. 24	4606	967	131	2003
Skelton, Enoch, Tacoma, Wash. Nipple attachment for points	855,992	June 4	1061	220	128	1962
Skene, Norman L., Somerville, Mass. Sectional boat	842,349	Jan. 29	5172	1099	126	1465
Skibsted, Ove de F., Copenhagen, Denmark. Apparatus for sucking dust from upholstered furniture, &c.	871,304	Nov. 19	2427	627-8	131	768
Skidmore, Charles, assignor of two-thirds to D. B. Stidworthy and F. B. Buckwalter, Homer, Nebr. Journal-bearing	864,705	Aug. 27	4081	1134	129	3447
Skidmore, John C., Grapeland, Tex. Plow-fender	868,714	Oct. 22	2395	662	130	2117
Skidmore, William D., Pelham, N. Y. Machine for cutting web materials	847,838	Mar. 19	4282	939	127	1136
Skidkiewicz, Marjan. (See Matlak, Wisniewski, and Skidkiewicz.)						
Skillin, Hattie A. (See Ines and Skillin.)						
Sinnell, Frank V., Wichita, Kans. String-musical-instrument attachment	864,204	Aug. 27	3280	909	129	3197
Skinner, Anna M., Greeley, Colo. Bread-toaster	841,191	Jan. 15	2817	614	126	805
Skinner, Anna W., Oswego, N. Y. Washing compound and making same	844,547	Feb. 19	3404	130	127	2715
Skinner, Benjamin C., Oakland, Cal. Gas-engine valve	857,762	June 25	4518	953-4	128	2940
Skinner, Benjamin H., Canton, Ohio. Cable-hanger	844,200	Feb. 12	2652	569	126	2458
Skinner, Charles E., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Transformer-coil support	854,311	May 21	3931	811	128	1077
Skinner, Charles E., Wilkinsburg, and S. M. Kintner, Pittsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Means for cooling transformers	854,312	May 21	3933	812	128	1078
Skinner, Charles W., Troy, Ohio. Sprinkling-pipe connection	852,584	May 7	436	79	128	115
Skinner, Charles W., Troy, Ohio. Nozzle	868,715	Oct. 22	2396	662	130	2117
Skinner Chuck Company. (See North, Albert A., assignor.)						
Skinner, Emily G., Buffalo, N. Y. Device for dampening and folding collars	873,179	Dec. 10	1829	383	131	1486
Skinner, Frank W., New York, N. Y. Piling	842,120	Jan. 22	4660	1001	126	1501
Skinner, Frank W., New York, N. Y. Sheet-pile	843,307	Feb. 5	970	199	126	2036
Skinner, Frank W., New York, N. Y. Metal sheet-piling	863,886	Aug. 20	2798	769	129	3021
Skinner, Frank W., Tompkinsville, N. Y. Construction of sheet-piling, &c.	866,232	Sept. 17	2291	640-1	130	777
Skinner, Irving, Pine Bush, assignor of one-half to A. F. McEwen, Brooklyn, N. Y. Rein-holder	862,114	July 30	5895	1633	129	2045
Skinner, Lewis B., Denver, Colo. Purifying hydrochloric acid	875,558	Dec. 31	6608	1382	131	2354
Skinner, Lewis C., and E. Myers, Catawba, N. C. Hitching-strap clamp	855,675	June 4	441	92	128	1808
Skinner, Mortimer B., Wilmette, and J. McCrea, Lake Bluff, Ill. Pipe-clamp	866,395	Sept. 17	2539	708	130	855
Skinner, Perry R., Amsterdam, N. Y. Dental obtundor	848,403	Mar. 26	5394	1176	127	1447
Skinner, Stephen G., Chicago, Ill. Pump	867,616	Oct. 8	598	170	130	1516
Skipp, Herbert J., Newark, N. J. Button-machine	846,806	Mar. 12	2184	480	127	586
Sklar, John, Brooklyn, N. Y. Horse-speculum	841,590	Jan. 15	3592	780	126	1004
Sklovsky, Max, assignor to Deere & Company, Moline, Ill. Beam-setting press	851,323	Apr. 23	5243	1099-1100	127	3033
Sklovsky, Max, assignor to Deere & Company, Moline, Ill. Furnace-rail	852,000	Apr. 30	6630	1380	127	2414
Skog, Olof, New York, N. Y. Vehicle-wheel	861,056	July 23	4236	1160	129	1490
Skogstad, Clarence. (See Skogstad, Martin and C.)						
Skogstad, Martin and C., Skog Meadow, Minn. Pulley-clutch	842,587	Jan. 29	5683	1203	126	1598
Skog, Carl F., Chicago, Ill. Pan-lifter	862,416	Aug. 6	514	138	129	2246
Skov, Soren R. (See Scullin and Skov.)						
Skov, Soren R., assignor of one-half to T. Scullin, Cleveland, Ohio. Window-shade fixture	849,167	Apr. 2	1122	226	127	1875

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Skov, Soren R., assignor of one-half to T. Scullin, Cleveland, Ohio. Window curtain or shade fixture.....	850,186	Apr. 16	3025	633	127	2429
Skramovsky, John. (See Ohliger, Skramovsky, and Wilke.)						
Skreberg, Hans, Big Bend township, Chippewa county, Minn. Elevated carrier.....	860,256	July 16	2981	814	129	1050
Skutsch, Rudolf, Brunswick, Germany. Device for diminishing the rolling motion of ships.....	874,255	Dec. 17	4004	845-6	131	1875
Slack, Harriet A., et al. (See Woods, Edward D., assignor.)						
Slack, John H., Cincinnati, and W. W. Riley, assignors to American Laundry Machinery Company, Norwood, Ohio. Feeding attachment for mangles.....	843,709	Feb. 12	1736	370	126	2263
Slackowski, Thomas, Bay City, Mich. Pocket-closer.....	844,965	Feb. 19	4446	950	126	2969
Slade, Basil A., London, England. Rotary engine.....	856,739	June 11	2557	525-6	128	2377
Slade, Edward, and J. B. Clearihue, Black Lake, Quebec, Canada. Apparatus for grading fibrous material and separating dust therefrom.....	869,742	Oct. 29	4002	1106	130	2637
Slade, Harry, assignor to E. Green and Son Limited, Wakefield, England. Pipe-pattern.....	854,765	May 28	4814	1000	128	1327
Slade, Thomas J., Pawtucket, assignor to Smith Brothers, Providence, R. I. Plating apparatus.....	845,133	Feb. 26	4803	1017	126	3102
Slager, Henry L., Springfield, assignor of one-half to C. Swigart, Cincinnati, Ohio. Tire.	844,201	Feb. 12	2653	569	126	2489
Slagle, Oliver, assignor of one-half to A. M. Marden, Leavenworth, Kans. Thread-cutter.....	867,217	Sept. 24	3796	1072	130	1284
Slaight, Leland V. (See Patchin, William E., assignor.)						
Slater, Albert G., Viele, Iowa. Match-box.....	855,993	June 4	1063	220	128	1962
Slater, Eva, Leeds, England. Bib.....	860,257	July 16	2982	815	129	1051
Slater, John F., Avoca, Iowa. Fire-box for kilns.....	853,130	May 7	1524	317	128	385
Slater, John W., Slatersville, R. I. Valve control and reverse mechanism.....	842,817	Jan. 29	6186	1307	126	1721
Slater, Stanley C., Bolton, England. Surgical splint.....	874,446	Dec. 24	4387	923-4	131	1970
Slater, W. T. S. (See Slaughter, Perry H., assignor.)						
Slater, William E., San Francisco, Cal. Motor-vehicle steering-gear.....	857,494	June 18	3979	846	128	2772
Slater, William E., San Francisco, Cal. Shock-absorber.....	870,254	Nov. 5	600	160	131	196
Slattery, Charles L., and S. Sambur, Chicago, Ill. Device for locating and raising sunken boats.....	851,698	Apr. 30	6012	1256	127	3254
Slattery, Edward F., New York, N. Y., assignor to Ives Manufacturing Corporation, Bridgeport, Conn. Toy-railway turn-table.....	873,962	Dec. 17	3363	716-17	131	1778
Slaughter, Elijah T., Kansas City, Mo. Air-heater.....	841,591	Jan. 15	3593	781	126	1004
Slaughter, James M. (See Mallory and Slaughter.)						
Slaughter, James T., Colfax, Iowa. Combination-tool.....	858,228	June 25	5467	1166	128	3181
Slaughter, Joel C., Dallas, Tex., assignor to Electric Auto-Transformer Company, St. Louis, Mo. System of electrical operation.....	858,632	July 2	483	124	129	169
Slaughter, Joel C., Dallas, Tex., assignor to Electric Auto-Transformer Company. System of electrical operation.....	858,676	July 2	550	142	129	190
Slaughter, Perry H., Manassas, assignor of one-third to W. T. S. Slater, Broxton, Ga. Railway-signal.....	875,123	Dec. 31	5770	1203-4	131	2216
Slawson-Graham Company. (See Bowne, John D., assignor.)						
Slawson, John W. (See Bowne, John D., assignor.)						
Slaybaugh, Eli H., assignor of one-half to H. B. Gardner, Alliance, Ohio. Truck-brake.....	857,118	June 18	3266	687	128	2593
Slaybaugh, James, Philadelphia, Pa. Stamp-affixer and envelop-sealer.....	867,216	Sept. 24	3794	1071	130	1284
Slayden, Rena, New York, N. Y. Dress-shield.....	861,908	July 30	5563	1537	129	1942
Slayden, Wesley, Wichita, Kans. Draft-rigging for railway-cars.....	849,926	Apr. 9	2552	528-9	127	2273
Slaymaker, Samuel R., Lancaster, Pa. Packing and display device.....	855,070	May 28	5452	1130-1	128	1491
Slazenger, Frank L., New York, N. Y. Game appliance.....	854,313	May 21	3934	812	128	1078
Sleeman, William, et al. (See Viol, John H., assignor.)						
Sleeman, William W., Oil City, Pa. Connecting-rod head.....	849,642	Apr. 9	2029	416	127	2140
Sleeper, Charles W., Lancaster, N. H. Flanging-machine.....	865,440	Sept. 10	1051	300-1	130	348
Sleeper, Charles W., Lancaster, N. H., assignor to Independent Canning Company, Eastport, Me. Apparatus for soldering cans.....	875,677	Dec. 31	6966	1450-1	131	2304
Sleicher, William, Troy, N. Y. Securing wigs in place.....	851,384	Apr. 23	5364	1123	127	3063
Sleight, Sarah B., Chicago, Ill. Can-closure.....	874,256	Dec. 17	4005	846	131	1875
Sleight, William E., Lansing, Mich. Beet-harvester.....	840,166	Jan. 1	762	166-7	126	206
Sletto, Fred M., Moscow, Idaho. Animal trap.....	873,331	Dec. 10	2128	444	131	1535
Slevin, Albert W., Milwaukee, Wis. Razor-strop.....	862,766	Aug. 6	1097	295	129	2419
Slichter, Walter L., Schenectady, N. Y., assignor to General Electric Company. Regenerative system for braking.....	873,101	Dec. 10	1671	349	131	1461
Slick, Edwin E., Pittsburg, Pa. Feeding device for rolling-mills.....	844,419	Feb. 19	3132	671-2	126	2648
Slick, Edwin E., Pittsburg, Pa. Hotbed for rolling-mills.....	846,761	Mar. 12	2095	459-60	127	563
Slick, Edwin E., Pittsburg, Pa. Apparatus for transferring metal blooms, &c. (Re-issue).....	12,620	Mar. 19	4616	1011-12	127	1213
Slick, Edwin E., Pittsburg, Pa. Re-rolling rails.....	852,983	May 7	1257	260	128	320
Slick, Edwin E., Pittsburg, Pa. Rolling interlocking sheet-piling.....	852,984	May 7	1259	260-1	128	320
Slick, Edwin E., Pittsburg, Pa. Rolling flanged shapes.....	852,985	May 7	1261	261	128	321
Slick, Edwin E., Pittsburg, Pa. Pump.....	860,258	July 16	2983	815	129	1051
Slick, Edwin E., Pittsburg, Pa. Furnace-stoker.....	872,382	Dec. 3	133	25	131	1188
Slick, Edwin E., Pittsburg, Pa. Bar-handling apparatus.....	872,383	Dec. 3	135	26	131	1188
Slick, Edwin E., Pittsburg, Pa. Apparatus for rolling.....	873,462	Dec. 10	2362	496	131	1579
Slick, Edwin E., Pittsburg, Pa. Mill for rolling irregular shapes.....	873,463	Dec. 10	2364	497	131	1580
Slick, William W. (See Hogle and Slick.)						
Slifka, Frank J., assignor of one-half to C. A. Bitza, Chicago, Ill. Controlling device.....	860,339	July 16	3107	849	129	1091
Sliga, John, Cleveland, Ohio. Door-lock.....	840,666	Jan. 8	1763	388	126	495
Sliga, Lena, Cleveland, Ohio. Table-service ware.....	859,850	July 9	2357	640	129	815
Slingerland, John T., Binghamton, N. Y. Hat-fastening device.....	858,916	July 2	946	246	129	325
Slingluff, Harry G., Hartford City, Ind., assignor to G. T. Oliver, Allegheny county, Pa. Glass drawing and blowing apparatus.....	847,027	Mar. 12	2628	578	127	696
Slingsby, Walter, assignor to Drakes Limited, Ovenden, Halifax, England. Apparatus for charging gas-retorts.....	846,355	Mar. 5	1260	276-7	127	317
Sloan, Charles A., Ozark, Ark. Ruby-pin setter.....	869,809	Oct. 29	4094	1131	130	2664
Sloan, Emanuel, Beehouse, Tex. Sash-fastener.....	846,254	Mar. 5	1063	229	127	270
Sloan, Francis E., Baltimore, Md. Sheet-metal pulley-casing.....	840,265	Jan. 1	959	208	126	260
Sloan, Francis E., Baltimore, Md. Sheet-metal sash-pulley.....	840,389	Jan. 1	1228	268	126	322
Sloan, Francis E., Baltimore, Md. Sheet-metal pulley-casing.....	874,125	Dec. 17	3751	789	131	1831
Sloan, John O. (See Lightfoot, William L., assignor.)						
Sloan, Joseph A., Seattle, Wash. Draft and vent regulator.....	847,378	Mar. 19	3321	729	127	895
Sloan, Samuel, assignor to Waterbury Clock Co., Waterbury, Conn. Regulator for timepieces.....	842,431	Jan. 29	5370	1136	126	1524
Sloan, William S., assignor of one-half to R. A. Stacey, Williamstown, Mass. Rack for memorandum desk-calendars.....	848,060	Mar. 26	4748	1035	127	1286
Sloan, Winifred E., Sioux City, Iowa. Collapsible warming-oven.....	875,124	Dec. 31	5771	1204	131	2216
Sloane, John B., Los Angeles, Cal. Rifle.....	847,519	Mar. 19	3597	792	127	968
Slocumb, Frank F., Wilmington, Del., assignor to F. F. Slocumb & Co., Incorporated. Leather seasoning and finishing machine.....	842,031	Jan. 22	4491	964-6	126	1259

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Slocum, Benjamin A., assignor to Boston Machine Works Company, Lynn, Mass. Folding-machine.	868,024	Oct. 15	1282	355-6	130	1748
Slocum, Benjamin A., Lynn, assignor to J. R. Vaux, Swampscott, Mass. Internal-combustion engine.	873,963	Dec. 17	3365	717	131	1779
Slocum, George S., Newport, R. I. Roller-skate.	865,441	Sept. 10	1055	301	130	350
Sloderbeck, Martin C., assignor one-half to E. E. Leapley, Marion, Ind. Derailer.	873,622	Dec. 10	2694	569	131	1633
Sloman, Eugene H. (See Murdock, Charles A. and C. F., assignors.)						
Sloman, Eugene H., Detroit, Mich. Machine for drawing sheet-metal vessels.	851,630	Apr. 23	5841	1221	127	3180
Slonecker, Abiram J., Trenton, Mo. Washing-machine apparatus.	859,622	July 9	2015	544	129	706
Slonka, John, assignor of one-half to F. Hromadko, New York, N. Y. Bottle-closure.	854,243	May 21	3816	788	128	1047
Sloper, Robert. (See Sloper, Thomas and R.)						
Sloper, Thomas and R., Devizes, England. Machinery for use in the manufacture of pneumatic tires.	852,855	May 7	990	204-8	128	252
Sloss, William, Jr., Shreveport, La. Rail joint or chair.	866,692	Sept. 24	2971	842	130	1019
Slotkin, Mayer, New York, N. Y. Motive power for vehicles.	875,467	Dec. 31	6444	1346-7	131	2326
Slotterbeck, Harry, Los Angeles, Cal. Free-casting reel.	872,261	Nov. 26	4448	1057	131	1112
Slug Proof Vending Machine Co. (See Weitlich and Miller, assignors.)						
Slusser, Harry L., Columbus Grove, assignor to Perfection Mop and Clothes Rack Co., Leipsic, Ohio. Combination mop and wringer.	847,123	Mar. 12	2799	619	127	737
Sluss-Widmer, Alfred. (See Schaumburg, Franz, assignor.)						
Sluys, Paul. (See Jottrand and Sluys.)						
Sly, George E. (See Palmer, Harry B., assignor.)						
Sly, William W., Cleveland, Ohio. Clutch.	873,102	Dec. 10	1674	349	131	1461
Sly, William W., assignor to W. W. Sly Manufacturing Company, Cleveland, Ohio. Cinder-mill.	841,728	Jan. 22	3872	840-1	126	1107
Smalles, John E., Leatherhead, England. Apparatus for cleaning and improving the surface of roads.	858,422	July 2	88	24	129	30
Small, David P., Mount Oliver borough, Pa. Street-railway curvesweeper and lubricator.	870,591	Nov. 12	1120	306	131	395
Small, Eli D., Little Rock, Ark. System for railway-trains.	864,808	Sept. 3	65	19	130	23
Small, Frank D., West Paris, Me. Collar-button.	868,716	Oct. 22	2397	662	130	2117
Small, Frank E., Brooklyn, N. Y. Stoker-furnace.	859,413	July 9	1704	453-4	129	605
Small, Henry M., Melrose, Mass. Lock-casing.	841,592	Jan. 15	3595	781	126	1004
Small, Nathaniel C., Auburn, Me. Turn-shoe.	866,973	Sept. 24	3399	962	130	1161
Small, Thomas W., assignor, by mesne assignments, to Acme Automatic Street Indicating Company, Cleveland, Ohio. Circuit-closing mechanism for indicators on cars.	843,182	Feb. 5	707	147	126	1972
Small, Thomas W., assignor, by mesne assignments, to Acme Automatic Street Indicating Company, Cleveland, Ohio. Street-indicating mechanism.	846,513	Mar. 12	1610	357	127	438
Small, Thomas W., assignor, by mesne assignments, to Acme Automatic Street Indicating Company, Cleveland, Ohio. Circuit-closing mechanism for railway-indicators.	846,514	Mar. 12	1612	357	127	439
Small, Thomas W., assignor, by mesne assignments, to Acme Automatic Street Indicating Company, Cleveland, Ohio. Circuit-closing mechanism.	846,960	Mar. 12	2502	551-2	127	665
Small, Thomas W., assignor, by mesne assignments, to Acme Automatic Street Indicating Company, Cleveland, Ohio. Trolley-harp.	864,571	Aug. 27	3875	1075	129	3384
Small, William E., and R. Campbell, Brooklyn, assignors of one-third to J. R. Garside, New York, N. Y. Shoe-sole trimming and channeling machine.	839,896	Jan. 1	189	42-3	126	53
Smalley, Charles L., Stepney, Conn. Hot-head for explosive-engines.	869,528	Oct. 29	3656	1002	130	2534
Smalley, James A. (See Nelson, Shappell, and Smalley.)						
Smalley Motor Co. (See Pierce, James H., assignor.)						
Smalley, William H., Yonkers, N. Y. Attachment for hammers.	855,140	May 28	5593	1163	128	1524
Smallwood, Alfred, assignor to Incandescent Heat Company, Limited, London, England. Muffle or furnace for annealing.	874,039	Dec. 17	3524	751	131	1803
Smallwood, Clarence S., Granite City, Ill. Railway-tie.	875,125	Dec. 31	5772	1204-5	131	2217
Smalstig, Frederick C., Allegheny, Pa. Can-opener.	844,202	Feb. 12	2655	569	126	2489
Smart, Albert J., Greenfield, Mass. Screw-cutting die and holder therefor.	871,451	Nov. 19	2755	695	131	817
Smart, Campbell, Swansea, England. Suspension device for electric lamps.	848,573	Mar. 26	5713	1250	127	1526
Smart, Charles B., Memphis, Tenn. Transmission-gear for automobiles.	874,627	Dec. 24	4756	1000-1	131	2030
Smart, Rupert B., Chicago, Ill. Window-shelf.	858,112	June 25	5255	1116	128	3126
Smart, Valentine I., Chicago, Ill., assignor to Union Switch and Signal Company, Swissvale, Pa. Signal-controlling mechanism.	861,772	July 30	5361	1479-80	129	1880
Smart, William H., et al. (See Reichel, Alvin S., assignor.)						
Smead, Charles R., St. Paul, Minn. Clip-fastener.	861,146	July 23	4363	1197	129	1533
Smead, Isaac D., Cincinnati, Ohio. Cable traction device.	841,821	Jan. 22	4087	879	126	1165
Smead, Isaac D., Cincinnati, Ohio. Garbage-crematory.	872,466	Dec. 3	322	65-6	131	1217
Smedberg, Henry A., New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	872,543	Dec. 3	485	101-2	131	1242
Smedberg, Ruben W., St. Peter, Minn. Electrically-actuated clock.	846,515	Mar. 12	1614	358	127	439
Smeeton, John A. (See Molas, Jean, assignor.)						
Smelser, Horatio, Ashton, Nebr. Electric signal for railways.	842,432	Jan. 29	5371	1136-7	126	1524
Smethers, James A. (See Millen and Smethers.)						
Smidesang, Peder E., Wylie, Minn. Nest.	843,850	Feb. 12	1993	428	126	2326
Smiley, Francis L. (See Abraham, Elias, assignor.)						
Smiley, Franklin M., Goshen, Ind. Draft-equalizer.	874,126	Dec. 17	3752	789	131	1832
Smiley, Henry, Boston, Mass. Rail-bolt-nut adjuster.	861,147	July 23	4364	1197-8	129	1534
Smiley, Jacob B., Chicago, Ill. Nut-lock.	840,390	Jan. 1	1229	268	126	323
Smiley, Ura S., Monessen, assignor to American Sheet & Tin Plate Company, Pittsburg, Pa. Sheet-feeding mechanism.	847,615	Mar. 19	3824	836	127	1027
Smiley, William H., Niles, Ohio. Printing-press.	846,432	Mar. 5	1439	319-20	127	363
Smiley, William H., Niles, Ohio. Printing-press.	847,379	Mar. 19	3322	729-31	127	895
Smith, Abram L., Juniata borough, Pa. Plate and pan lifter.	846,699	Mar. 12	1971	433	127	531
Smith, Adam M., Whitewater, Wis. Horse-power and hoist.	845,201	Feb. 26	4935	1047	126	3135
Smith, Adam T., Greensboro, assignor of one-half to W. Y. Everton, Grifton, N. C. Earth-auger.	872,763	Dec. 3	932	193-4	131	1314
Smith, Adelbert, Seward, N. Y. Vending-machine.	846,356	Mar. 5	1263	277	127	318
Smith, Alanson F., Bonami, La. Razor-blade cleaner.	842,717	Jan. 29	6007	1265	126	1679
Smith, Albert. (See Klousnitzer, Frank, assignor.)						
Smith, Albert B., Sutter, Cal. Wedge-cutting machine.	874,447	Dec. 24	4388	924	131	1971
Smith, Albert D., et al., administrators. (See Smith, Dwight L.)						
Smith, Alfred B., Topeka, Kans. Animal-hopple.	858,633	July 2	485	124	129	170
Smith, Alfred H., et al. (See Gilroy, Frank J., assignor.)						
Smith, Albert H., et al. (See Luburg, Ellsworth N., assignor.)						
Smith, Alfred H., Philadelphia, Pa., assignor, by mesne assignments, to American Bronze Company. Alloy.	849,927	Apr. 9	2554	-----	127	2274
Smith, Alice R., Galesburg, Ill. Steam-cooker.	859,623	July 9	2017	544	129	707
Smith, Alonzo E., New York, N. Y. Compound railway-rail.	864,867	Sept. 3	166	46	130	52
Smith, Alta L., Richmond, Va. Shock-binder.	860,580	July 16	3470	954	129	1212
Smith, Amos, Vienna Cross Roads, Ohio. Side-delivery buncher.	872,467	Dec. 3	324	66	131	1217
Smith, Andrew H., New York, N. Y. Steam-turbine.	857,965	June 25	4939	1044	128	3044

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Smith, Andrew T. (See Baker and Smith.)						
Smith and Anthony Company. (See Knapp, George W., assignor.)						
Smith, Anthony P., Newark, N. J. Gate-valve.	868,025	Oct. 15	1286	356	130	1750
Smith, Archie, Chester, W. Va. Switch.	871,529	Nov. 19	2926	730	131	843
Smith, Arlan E., Bridgeport, W. Va. Ratchet-wrench.	867,845	Oct. 8	943	269	130	1621
Smith, Arthur, Easton, Pa., assignor to American Horse Shoe Company, Phillipsburg, N. J. Apparatus for rolling billets in the manufacture of machine-made horseshoes.	855,533	June 4	167	33-4	128	1737
Smith, Arthur, Easton, Pa., assignor to American Horse Shoe Company, Phillipsburg, N. J. Horseshoe-calk.	855,534	June 4	171	35	128	1738
Smith, Arthur, Easton, Pa., assignor to American Horse Shoe Company, Phillipsburg, N. J. Horseshoe-machine.	855,535	June 4	172	35	128	1738
Smith, Arthur, Easton, Pa., assignor to American Horse Shoe Company, Phillipsburg, N. J. Horseshoe-machine.	873,802	Dec. 17	3050	648	131	1726
Smith, Arthur, Easton, Pa., assignor to American Horse Shoe Company, Phillipsburg, N. J. Horseshoe-machine.	862,207	Aug. 6	158	45	129	2133
Smith, Arthur J., L. Thurow, and J. F. Kremer, Winona, Minn. Mop-wringer.						
Smith, Arthur P., <i>et al.</i> (See Rector, Alcorn, assignor.)						
Smith, Arthur P. (See Smith, Hinsdale and A. P.)						
Smith, Arthur W., New York, assignor to Yost Writing Machine Company, Ilion, N. Y. Type-writing machine.	860,834	July 23	3867	1060-1	129	1372
Smith, Arthur W., New York, assignor to Yost Writing Machine Company, Ilion, N. Y. Type-writing machine.	860,835	July 23	3875	1061	129	1376
Smith, Arthur W., New York, assignor to Yost Writing Machine Company, Ilion, N. Y. Type-writing machine.	869,988	Nov. 5	172	47-8	131	58
Smith, Arthur W., New York, assignor to Yost Writing Machine Company, Ilion, N. Y. Type-writing machine.	871,371	Nov. 19	2563	658	131	789
Smith, Asa A., Malaga, N. J. Fruit-gatherer.	352,082	Apr. 30	6808	1418	127	3459
Smith Bedding Company. (See Smith, Gary B., assignor.)						
Smith, Benjamin, Dereham township, Oxford county, Ontario, Canada. Hay-harvesting machine.	849,580	Apr. 9	1921	394	127	2113
Smith Brothers. (See Slade, Thomas J., assignor.)						
Smith, Carlton L., assignor to Armour & Company, Chicago, Ill. Means for preventing the escape of noxious vapors and gases from rendering-tanks into the atmosphere.	848,268	Mar. 26	5114	1116	127	1379
Smith, Carol J., <i>et al.</i> (See Mims, George W., assignor.)						
Smith, Channing. (See Petterson and Rae, assignors.)						
Smith, Charles, Cleveland, Ohio. Saw.	867,218	Sept. 24	3797	1072	130	1285
Smith, Charles, Cleveland, Ohio. Sash-lock.	873,180	Dec. 10	1831	383	131	1346
Smith, Charles, South Croydon, England. Automatic fire-alarm.	867,681	Oct. 8	688	194	130	1544
Smith, Charles, Boston, Mass. Door fastener and opener.	872,022	Nov. 26	3974	955	131	1034
Smith, Charles A. (See Pedrick and Smith.)						
Smith, Charles A., Sanquoit, N. Y. Farrier's knife.	859,258	July 9	1457	389	129	524
Smith, Charles A., assignor to Blaisdell Paper Pencil Company, Philadelphia, Pa. Pencil.	845,320	Feb. 26	5179	1099	126	3195
Smith, Charles D., Paris, Ill. Nut-lock.	845,589	Feb. 26	5685	1205	126	3319
Smith, Charles D., Paris, Ill. Napkin-holder.	868,817	Oct. 22	2547	702	130	2164
Smith, Charles E., Marshfield, Wis. Sawdust-drier.	842,916	Feb. 5	146	33	126	1828
Smith, Charles E., Pawtucket, R. I. Motor.	868,497	Oct. 15	2009	561	130	1967
Smith, Charles E., New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	873,964	Dec. 17	3368	717-18	131	1779
Smith, Charles F., New Britain, Conn. Safety-razor.	841,729	Jan. 22	3874	841	126	1108
Smith, Charles F., New York, N. Y. Shovel.	842,032	Jan. 22	4498	966	126	1261
Smith, Charles F., New York, N. Y. Dipper.	843,372	Feb. 5	1079	223	126	2063
Smith, Charles F., New York, N. Y. Plate-lifter.	844,966	Feb. 19	4447	950	126	2869
Smith, Charles F., New York, N. Y. Culinary tongs.	847,839	Mar. 19	4286	940	127	1136
Smith, Charles F., Miami, Fla. Lock for the closures of window-frame pockets.	870,476	Nov. 5	956	261	131	310
Smith, Charles F., Bridgeport, Conn., assignor to Continental Paper Bag Company, Rumford Falls, Me. Paper-bag machine.	864,435	Aug. 27	3620	1004-7	129	3305
Smith, Charles G., <i>et al.</i> (See Trueman and Cleghorn, assignors.)						
Smith, Charles H., Scranton, Pa. Fountain ruling-pen.	861,057	July 23	4237	1161	129	1490
Smith, Charles H., Boston, Mass. Advertising device.	862,671	Aug. 6	952	255-6	129	2378
Smith, Charles H., Chicago, Ill. Pleasure-railway.	867,432	Oct. 1	306	89-90	130	1408
Smith, Charles H., Minneapolis, Minn. Heating and ventilating system.	868,299	Oct. 15	1702	481	130	1876
Smith, Charles H., New Bedford, assignor to United Shoe Machinery Company, Boston, Mass. Machine for inserting metallic fastenings.	853,742	May 14	2778	571	128	748
Smith, Charles I. (See Hultz and Smith.)						
Smith, Charles J., <i>et al.</i> (See Chapman, William D., assignor.)						
Smith, Charles L., assignor to Gullberg & Smith, New York, N. Y. Signature-gatherer.	875,384	Dec. 31	6279	1309	131	2299
Smith, Charles L., assignor to Gullberg & Smith, New York, N. Y. Paper-cutter.	875,630	Dec. 31	6857	1430-1	131	2379
Smith, Charles M. (See Rodgers, Jacob, assignor.)						
Smith, Charles P., Canton, Ohio. Brake head and shoe.	856,186	June 4	1417	300	128	2049
Smith, Charles S., New York, N. Y. Label attachment for coats.	867,433	Oct. 1	308	90	130	1409
Smith, Charles S., Brockton, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Insole.	862,353	Aug. 6	398	110	129	2208
Smith, Charles W. (See Eacrett, William, assignor.)						
Smith, Charles W., Chicago, Ill. Fishing-line reel.	841,730	Jan. 22	3876	841	126	1108
Smith, Charles W., Sandusky, Ohio. Shipping-crate.	854,244	May 21	3817	788	128	1047
Smith, Charles W., Fredericksburg, Ohio. Automatic alarm.	862,026	July 30	5727	1590	129	1992
Smith, Charles W., Berlin, assignor to Waterloo Spreader Manufacturing Company, Waterloo, Iowa. Manure-spreader.	873,465	Dec. 10	2367	498	131	1580
Smith, Chester J., Jamestown, N. Y. Calculating-machine.	873,181	Dec. 10	1832	383-4	131	1486
Smith, Chetwood, Worcester, Mass. Regulating attachment for electric lights.	857,311	June 18	3633	769	128	2687
Smith, Christian H., Tranger, Pa. Latch for mine-car doors.	874,872	Dec. 24	5229	1102	131	2109
Smith, Christian P., South Bend, Ind. Wagon-tongue hound.	842,033	Jan. 22	4499	967	126	1262
Smith, Christopher H., Depue, Ill. Car-unloading device.	875,385	Dec. 31	6282	1310	131	2299
Smith, Clarence E., assignor to North & Judd Manufacturing Company, New Britain, Conn. Buckle.	873,464	Dec. 10	2366	497	131	1580
Smith, Clarence H. (See Fehrenbacher, Anton A., assignor.)						
Smith, Clement, Topeka, Kans. Carbureter.	844,900	Feb. 19	4343	927	126	2944
Smith, Clement G., Lebanon, assignor to Pennsylvania Steel Company, Philadelphia, Pa. Device for feeding comminuted material to furnaces.	842,034	Jan. 22	4500	967	126	1262
Smith, Cullen R., Fentress, Tex. Stalk-puller.	846,255	Mar. 5	1064	229	127	271
Smith, Curtis A., Elgin, Ill. Piston and piston-ring.	862,208	Aug. 6	159	45	129	2133
Smith, Curtis A., Elgin, Ill. Sound-reproducing head.	871,000	Nov. 12	1809	493	131	615
Smith, Curtis B., <i>et al.</i> (See Monahan, Thomas M., assignor.)						
Smith, Curtis P. (See Stinchfield, Frank E., assignor.)						
Smith, Cyril A. (See Hodges, James C., assignor.)						
Smith, Cyrus. (See Thomas, George J., assignor.)						
Smith, Dallas E. (See Patterson and Smith.)						
Smith, Daniel F., assignor of one-fourth to E. O. Smith, New York, N. Y. Rotary engine.	848,860	Apr. 2	529	105-6	127	1723

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Smith, Daniel W., Chicago, Ill., assignor to International Harvester Company. Corn-shocking machine.....	851,699	Apr. 30	6014	1256-7	127	3254
Smith, Daniel W., Chicago, Ill., assignor to International Harvester Company. Corn-shocking machine.....	851,700	Apr. 30	6016	1257	127	3255
Smith, Datus C., New York, N. Y. Barbed-wire machine.....	853,604	May 14	2478	516-17	128	669
Smith, Datus C., New York, N. Y. Barbed wire.....	853,938	May 14	3193	654	128	849
Smith, Dave, Villisca, Iowa. Mail-bag-delivery apparatus.....	854,115	May 21	3563	735	128	979
Smith, David, San Francisco, Cal. Compression-cock.....	850,679	Apr. 16	3982	833	127	2679
Smith, David A. (See Lewis and Smith.).....						
Smith, David C., Kalgoolie, Western Australia, Australia. Electric cooking-stove.....	855,536	June 4	174	35	128	1738
Smith, David S., Mercersburg, Pa. Reversing-gear for traction-engines.....	851,448	Apr. 23	5479	1147	127	3092
Smith, David W. (See Weber and Smith.).....						
Smith, Davit M., Sixmile, Ark. Harrow-tooth.....	849,928	Apr. 9	2555	529	127	2274
Smith, Day K. (See Mularkey, James, assignor.).....						
Smith, Dell R., Arlington, Wash. Sash-lastener.....	861,402	July 30	4799	1316	129	1709
Smith, Douglas S., Casselton, N. D. Combined curtain and shade holder.....	852,684	May 7	635	122	128	165
Smith, Dwight L., deceased, Waterbury, Conn., A. D. Smith and J. A. Peasley, administrators, assignors to Waterbury Buckle Company, Waterbury, Conn. Buckle.....	841,731	Jan. 22	3877	841	126	1109
Smith, E. Osborne. (See Smith, Daniel F., assignor.).....						
Smith, Eben B., et al. (See Mariette, Silas T., assignor.).....						
Smith, Edgar W., assignor to Champion Machinery Company, Joliet, Ill. Loaf-forming machine.....	871,644	Nov. 19	3128	776	131	878
Smith, Edmond F., Shinnston, W. Va. Wrench.....	855,537	June 4	175	35-6	128	1738
Smith, Edmund D. (See Hoover, Frank T., assignor.).....						
Smith, Edward A., Yonkers, N. Y. Amusement apparatus.....	848,061	Mar. 26	4749	1036	127	1286
Smith, Edward A., Loveland, Colo. Beet-puller.....	875,126	Dec. 31	5773	1205	131	2217
Smith, Edward A., Loveland, Colo., assignor to Fort Collins Implement Manufacturing Company. Beet-pulling machine.....	856,817	June 11	2694	556	128	2411
Smith, Edward F., Corry, Pa. Cylinder for hide-fleshing machines.....	847,616	Mar. 19	3825	837	127	1027
Smith, Edward F., Corry, Pa. Bark-mill.....	863,459	Aug. 13	2144	578-9	129	2784
Smith, Edward L., Breckenridge, Colo. Tunnel-crane.....	844,624	Feb. 19	3786	799-800	126	2801
Smith, Edward R., Oshkosh, Wis. Future-sales record-book.....	841,600	Jan. 8	2540	554	126	690
Smith, Edwin C., Pawtucket, R. I. Controlling device.....	861,613	July 30	5119	1406	129	1809
Smith, Edwin F., assignor to Edwin F. Smith Company, Philadelphia, Pa. Stay-log.....	869,270	Oct. 29	3229	889	130	2402
Smith, Eldridge J., deceased, assignor, by mesne assignments, to American Dairy Supply Co., Augusta, Me., and Washington, D. C. Jar-cap. (Reissue).....	12,701	Oct. 8	1096	309	130	1667
Smith, Elizabeth E., Glen Ullin, N. D. Clasp for pins and brooches.....	866,741	Sept. 24	3055	861	130	1054
Smith, Elmer F., Cripple Creek, Colo. Drill-feed.....	858,113	June 25	5256	1116	128	3126
Smith, Elmer H., Chippewa Falls, Wis. Photograph-holder.....	844,901	Feb. 19	4345	928	126	2944
Smith, Elmer S., Boundbrook, assignor, by mesne assignments, to Devac Auto Company, East Orange, N. J. Internal-combustion engine.....	861,614	July 30	5123	1406-7	129	1810
Smith, Enoch, assignor of one-third to G. Curley, Salt Lake City, Utah. Wagon-brake.....	842,718	Jan. 29	6008	1265	126	1680
Smith, Eric M., A. M. Kemp, and J. E. Fitzwater, Denver, Colo. Automatic street-indicator for electric railways.....	849,276	Apr. 2	1315	267	127	1923
Smith, Ernest C., Hinckley, Ill. Side-delivery rake.....	864,868	Sept. 3	167	47	130	53
Smith, Ernest C., Hinckley, assignor to Rock Island Plow Company, Rock Island, Ill. Planting-machine.....	845,485	Feb. 26	5513	1167-8	126	3277
Smith, Ernest N., Burns, Kans. Loader.....	854,245	May 21	3818	788-9	128	1047
Smith, Ernest U., Honeoye Falls, N. Y. Apparatus for gathering fruit.....	872,764	Dec. 3	935	194	131	1315
Smith, Ernest W., Grand Marais, Mich. Bench-plane.....	871,001	Nov. 12	1810	493	131	616
Smith, Ernst G., Columbia, Pa. Reversing-gear.....	859,984	July 16	2576	702	129	916
Smith, Ernst G., Columbia, Pa. Clothes-drier.....	859,985	July 16	2579	702-3	129	918
Smith, Ernst G., Columbia, Pa. Clothes-hanger.....	859,986	July 16	2580	703	129	918
Smith, Ernst G., Columbia, Pa. Mangle.....	859,987	July 16	2582	703-4	129	919
Smith, Eugene C., New York, N. Y. Heating furnaces.....	859,259	July 9	1458	389	129	525
Smith, Everett E., Leon, W. Va. Nut-lock.....	850,801	Apr. 16	4193	880	127	2730
Smith, Ezra O., Galesburg, Ill. Means for operating pumps.....	854,314	May 21	3935	812	128	1079
Smith, Felix J., Lindsay, Ohio. Portable elevator and wagon-dump.....	866,528	Sept. 17	2719	760	130	912
Smith, Forbes, Tacoma, Wash., assignor to R. Smith, Portland, Oreg. Fuel-oil burner.....	860,259	July 16	2984	815	129	1052
Smith, Francis S. K., and D. C. Reinohl, assignors to R. E. Walker, Washington, D. C. Locking device for telephones.....	852,806	May 7	886	180	128	226
Smith, Frank. (See MacArthur and Smith.).....						
Smith, Frank, Philadelphia, Pa. Bottle.....	850,067	Apr. 9	2781	585	127	2328
Smith, Frank A., Victor, Colo. Miner's lamp.....	862,027	July 30	5729	1591	129	1993
Smith, Frank B., assignor to Barber Asphalt Paving Company, Philadelphia, Pa. Paving machinery.....	853,131	May 7	1526	318	128	385
Smith, Frank B., assignor to Barber Asphalt Paving Company, Philadelphia, Pa. Interlocking friction-clutch.....	862,116	July 30	5897	1633	129	2045
Smith, Frank B., and G. C. Glynn, Iola, Kans. Refractory lining for retorts.....	860,701	July 23	3678	1007	129	1312
Smith, Frank C., Minneapolis, Minn. Water-tank-supporting means.....	841,462	Jan. 15	3352	724	126	942
Smith, Frank D., Springfield, Mass. Cutter-head for milling-machines.....	856,306	June 11	1688	350	128	2155
Smith, Frank F., Newark, N. J. Fusible link.....	858,765	July 2	694	184	129	241
Smith, Frank H., assignor to G. S. Batty, Los Angeles, Cal. Lawn-hose support.....	861,545	July 30	5016	1378	129	1778
Smith, Frank L., assignor of one-half to A. C. Ricksecker, Chicago, Ill. Valve seat and disk truing machine.....	859,528	July 9	1860	501	129	656
Smith, Frank P., Hanover, Pa., assignor of one-half to Smith Lyrphone Company. Sheet-winding mechanism for piano-players.....	840,024	Jan. 1	463	100	126	125
Smith, Frank W. (See Swallow, Joseph G., assignor.).....						
Smith, Franklin P. (See Martin, Edgar D., assignor.).....						
Smith, Franklin P. (See McClure, Edward, assignor.).....						
Smith, Franklin P. (See Smith, Wilford L. and F. P.).....						
Smith, Franklin S., Philadelphia, Pa., assignor to Electric Carrier Company, Camden, N. J. Transportation system.....	859,018	July 2	1100	292-3	129	375
Smith, Franklin S., Philadelphia, Pa., assignor to Electric Carrier Company, Camden, N. J. Electric transportation system.....	859,019	July 2	1103	293	129	377
Smith, Fred P., assignor of one-half to E. C. Lewis, Chicago, Ill., and J. H. Kitchen, Kansas City, Mo. Apparatus for discharging liquids.....	848,929	Apr. 2	655	131	127	1755
Smith, Frederic L., Hamden Junction, Ohio. Car-wheel.....	841,275	Jan. 15	2986	649	126	846
Smith, Frederick C., New Milford, Conn. Balance-staff for watches.....	857,312	June 18	3634	769	128	2687
Smith, Frederick H., Datchet, England. Means for controlling the supply of vapor to internal-combustion engines.....	842,261	Jan. 29	4977	1062-3	126	1413
Smith, Frederick L., Chicopee Falls, Mass. Mounting for rifle-telescopes.....	843,183	Feb 5	708	148	126	1972
Smith, Furmon S., Ramona, Mich. Latch-operating attachment for doors.....	858,479	July 2	202	47	129	75
Smith, Gary B., assignor to Smith Bedding Company, Minneapolis, Minn. Reel for wire-coiling machines.....	864,342	Aug. 27	3475	967	129	3265
Smith, George C., Clapham, London, England. Sash-cord holder.....	873,623	Dec. 10	2695	569	131	1634

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Smith, George E., Oyster Bay, N. Y. Nail-tongs.	850,547	Apr. 16	3711	776	127	2611
Smith, George E., assignor of one-half to G. M. Selden, Winnfield, La. Churn-operating mechanism.	870,055	Nov. 5	283	77	131	96
Smith, George E., and D. E. Brinsmade, Derby, Conn. Boomerang-thrower.	849,168	Apr. 2	1123	227	127	1875
Smith, George G., Florence, Italy. Drying gas.	844,694	Feb. 19	3933	832	126	2539
Smith, George G., Florence, Italy. Purifying gas.	850,680	Apr. 16	3983	833	127	2679
Smith, George G., Binghamton, N. Y. Axle.	863,328	Aug. 13	1965	530	129	2727
Smith, George H., Evanston, Ill., assignor to Densmore Typewriter Company, Syracuse, N. Y. Type-writing machine.	850,187	Apr. 18	3027	633-4	127	2429
Smith, George H., Cedar Rapids, Iowa, assignor to Union Typewriter Company, Jersey City, N. J. Type-writer.	858,356	June 25	5710	1218-20	128	3246
Smith, George H., Worcester, Mass., assignor to American Steel & Wire Company, Chicago, Ill. Machine for the manufacture of wire fabrics.	862,356	Aug. 6	401	110-11	129	2208
Smith, George H., Forest Hill, assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	866,606	Sept. 17	2834	796	130	948
Smith, George L., Aberdeen, Scotland. Fire and temperature alarm or indicator.	850,681	Apr. 16	3985	833	127	2679
Smith, George L., Chicago, Ill. Elevator-machine.	866,820	Sept. 24	3178	893	130	1092
Smith, George M., (See Gamble and Smith.)						
Smith, George M., Ivanhoe, Colo. Culinary device.	869,529	Oct. 29	3657	1002	130	2534
Smith, George O., assignor of one-half to F. G. Piper, Erie, Pa. Transom trunnion mechanism.	864,759	Aug. 27	4159	1154	129	3470
Smith, George T., assignor of three-fourths to Minneapolis Steel and Machinery Company, Minneapolis, Minn. Middlings-purifier.	848,404	Mar. 26	5396	1176-7	127	1447
Smith, George W., Dallas, Tex. Grapple.	842,719	Jan. 29	6010	1266	126	1680
Smith, George W., Minnesota Lake, Minn. Horse-releaser.	869,199	Oct. 22	3114	858	130	2340
Smith, George W., assignor of one-half to A. Emrich, Baltimore, Md. Fire-alarm apparatus.	850,853	Apr. 16	4308	904-5	127	2760
Smith, George W., assignor to Ingersoll Milling Machine Company, Rockford, Ill. Face-mill grinder.	856,662	June 11	2418	498	128	2340
Smith, Godfrey, Canal Dover, Ohio. Polishing-machine.	870,056	Nov. 5	284	77-8	131	97
Smith & Griggs Manufacturing Company. (See Pilkington, Joseph H., assignor.)						
Smith, Gustavus W. (See Wise, William L., assignor.)						
Smith, Hanford O., Lexington, Nebr. Submarine tunnel.	862,288	Aug. 6	300	84	129	2176
Smith, Harold O. (See Weidely, George A., assignor.)						
Smith, Harper F., et al. (See Lang, Adolph, assignor.)						
Smith, Harrie C., New York, N. Y. Thermo-electric controlling mechanism.	867,846	Oct. 8	944	269	130	1621
Smith, Harry E., Roslyn, Wash. Connecting mechanism.	866,529	Sept. 17	2720	760	130	912
Smith, Harry F., Lexington, Ohio. Producer-gas apparatus.	846,357	Mar. 5	1265	277-8	127	318
Smith, Harry F., Lexington, Ohio. Handling ash in gas-producers.	846,358	Mar. 5	1267	278-9	127	319
Smith, Harry F., Lexington, Ohio. Valve for gas-producers.	863,004	Aug. 13	1456	396	129	2569
Smith, Harry J., et al. (See Trueman and Cleghorn, assignors.)						
Smith, Harry K., assignor, by mesne assignments, to Federal Can Company, Federalsburg, Md. Can-soldering machine.	859,851	July 9	2357	640-1	129	815
Smith, Harry M. (See Hasselman and Smith.)						
Smith, Harry M., assignor to Lyon & Healy, Chicago, Ill. Sectional tracker-board.	862,289	Aug. 6	301	84	129	2176
Smith, Harry W., Worcester, Mass. Cross-tree for supporting electric conductors.	848,269	Mar. 26	5118	1116	127	1380
Smith, Harry W., North Grafton, assignor to Draper Company, Hopedale, Mass. Weft-replenishing loom.	845,90	Mar. 5	369	75	127	95
Smith, Harvey D., Battle Creek, Mich. Vehicle.	850,500	Apr. 16	3626	758	127	2587
Smith, Harvey M., Monroe township, Morgan county, Ind. Drinking-fount for livestock.	839,964	Jan. 1	327	72	126	90
Smith, Harvey M., Monroe township, Morgan county, Ind. Breeding-cage.	866,396	Sept. 17	2540	708-9	130	856
Smith, Hattie J. (See Smith, William R., assignor.)						
Smith, Henry, Raleigh, N. C. Telegraph-key.	863,810	Aug. 20	2681	739	129	2984
Smith, Henry A., Gurley, Ala. Grate.	855,538	June 4	176	36	128	1739
Smith, Henry C., assignor to Allith Manufacturing Company, Chicago, Ill. Door-hanger.	855,352	May 28	5978	1247-8	128	1623
Smith, Henry W., Haddonfield, N. J. Gas-cock.	867,166	Sept. 24	3708	1050	130	1258
Smith, Herbert, and J. V. Langley, New Bedford, assignors to Draper Company, Hopedale Mass. Weft-replenishing loom.	854,673	May 21	4597	960	128	1244
Smith, Herbert A., Onaway, Mich. Horse-detacher.	844,548	Feb. 19	3405	733	126	2715
Smith, Herbert G., Wayside, Kans. Automatic pull-rod adjuster.	870,201	Nov. 5	516	141	131	168
Smith, Herbert E., Haverhill, assignor to Pike Manufacturing Company, Pike, N. H. Display-stand.	857,763	June 25	4520	954	128	2940
Smith, Herbert M., Worcester, Mass. Metal-bending machine.	857,764	June 25	4521	954	128	2941
Smith, Herbert M., McMinn, Pa. Fishing-tool for oil and Artesian wells.	859,700	July 9	2138	577	129	744
Smith, Hinsdale and A. P., Springfield, Mass. Metal vehicle-body.	869,025	Oct. 22	2860	790	130	2260
Smith, Hollis B., Cambridge, Mass. Power-transmitting mechanism.	873,965	Dec. 17	3376	718	131	1780
Smith, Hubert L., Edri, Pa. Coal-cutting machine.	872,765	Dec. 3	936	194-5	131	1315
Smith, Ira E., Stockton, Cal. Oil-burning system.	872,023	Nov. 26	3978	955	131	1035
Smith, Irving J., Richmond, Va. Conveyor for excavating.	843,239	Feb. 5	825	170-1	126	2004
Smith, Isaac P., Eldon, Iowa. Conductor's signal.	860,158	July 16	2834	774	129	1004
Smith, J. C., et al. (See Thompson, Carl P., assignor.)						
Smith, Jacob A., Cleveland, Ohio. Printing-press.	865,728	Sept. 10	1513	427-8	130	401
Smith, Jacob S., Chicago, Ill. Apparatus for the manufacture of gas.	859,988	July 16	2584	704	129	919
Smith, Jacob S., Chicago, Ill. Apparatus for producing gas.	859,989	July 16	2587	704	129	920
Smith, James B., Jackson, Miss. Jail-cell.	858,309	June 25	5601	1198	128	3213
Smith, James C., Chicago, Ill. Screw-cutting lathe.	844,831	Feb. 19	4211	898-9	126	2911
Smith, James D. (See Spaulding and Smith.)						
Smith, James E., Baltimore, Md. Box.	871,452	Nov. 19	2758	695	131	817
Smith, James E., Clinton, Ill., assignor to National Peat Products & Chemical Company. Obtaining gas from peat.	865,537	Sept. 10	1228	350	130	401
Smith, James M., Philadelphia, Pa., assignor, by mesne assignments, of one-half to Auto-coil Company. Locking device for screw adjustments.	864,706	Aug. 27	4083	1134	129	3447
Smith, James M., assignor of two-thirds to C. L. Altemus and H. B. Bowles, Philadelphia, Pa. Sparking igniter.	861,615	July 30	5125	1407	129	1811
Smith, James S., Spokane, Wash. Feed-rack.	870,694	Nov. 12	1300	356	131	457
Smith, James W., Sycamore, Mo. Grain bolter and separator.	849,863	Apr. 9	2445	500	127	2246
Smith, Jessie R. (See Fiske and Smith.)						
Smith, John, Chicago, Ill. Folding square.	842,433	Jan. 29	5375	1137	126	1525
Smith, John, El Paso, Tex. Composite railway-tie.	870,255	Nov. 5	601	161	131	196
Smith, John, and E. S. Stimpson, assignors to Draper Company, Hopedale, Mass. Filling-replenishing loom.	846,709	Mar. 12	1972	434	127	531
Smith, John A. (See Holt and Smith.)						
Smith, John A., San Francisco, Cal. Pool-ball carrier.	872,766	Dec. 3	939	195	131	1316
Smith, John A., Harrisburg, Pa., assignor to Elliott-Fisher Company, New York, N. Y. Controlling mechanism for adding-machines.	858,634	July 2	486	125-6	129	170

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Smith, John A., Harrisburg, Pa., assignor to Elliott-Fisher Company, New York, N. Y. Automatic key-connecting means for combined type-writing and adding machines.....	863,232	Aug. 13	1831	493	129	2687
Smith, John B. (See Hiltz and Smith.)						
Smith, John B., Royal Oak, Mich. Weather-strip for doors and windows.....	872,976	Dec. 3	1373	289	131	1383
Smith, John C., Norwich, Conn. Slat-adjuster.....	852,856	May 7	1003	208	128	256
Smith, John E., Elizabeth, Pa. Axle for pit-cars.....	871,149	Nov. 19	2086	561	131	715
Smith, John E., Kansas City, Kans. Mail-bag-catching device.....	872,767	Dec. 3	940	195	131	1316
Smith, John G., Chicago Heights, Ill. Wire-working machine.....	856,307	June 11	1690	350-1	128	2156
Smith, John H. (See Dischner, Friedrich J., assignor.)						
Smith, John H., <i>et al.</i> (See Mason, John E., assignor.)						
Smith, John L., Eureka Springs, Ark. Window-shade and curtain-support.....	844,967	Feb. 19	4448	950	126	2970
Smith, John W., Aurora, Iowa, assignor to Aurora Manufacturing Company, Aurora, Ill. Carbureter.....	854,246	May 21	3820	789	128	1048
Smith, John W., assignor to Ball Engine Company, Erie, Pa. Steam-turbine.....	861,909	July 30	5564	1537-8	129	1942
Smith, John W., assignor to Ball Engine Company, Erie, Pa. Lubricant-seal shaft-packing.....	862,117	July 30	5899	1633	129	2046
Smith, John W., assignor to Ball Engine Company, Erie, Pa. Steam-turbine.....	862,118	July 30	5901	1634	129	2047
Smith, John W., assignor of one-half to J. A. Cooper, Louisville, Ky. Steam hoisting-engine.....	872,977	Dec. 3	1375	289-90	131	1383
Smith, John W. C., West Lafayette, Ind. Trial-frame for opticians' use.....	855,022	May 28	5345	1110	128	1463
Smith, Joseph. (See Atkinson and Smith.)						
Smith, Joseph, assignor of one-half to G. T. Biggs, Elyria, Ohio. Potato-digger.....	850,682	Apr. 16	3988	833	127	2680
Smith, Joseph, Loami, assignor to J. W. Grey, Maxwell township, Sangamon county, Ill. Churn.....	856,187	June 4	1418	300	128	2050
Smith, Joseph A., Denver, Colo., assignor of one-half to R. J. Mitchell. Burglar-alarm.....	855,023	May 28	5347	1110	128	1463
Smith, Joseph E., Fort Wayne, assignor of one-half to S. C. Kiser, Huntington, Ind. Meat-saw.....	853,479	May 14	2229	464	128	605
Smith, Joseph I. (See Wollé, Joseph A., assignor.)						
Smith, Joseph J., New York, N. Y. Last.....	841,732	Jan. 22	3880	842	126	1110
Smith, Joseph J., New York, N. Y. Portable humidifier.....	847,840	Mar. 19	4287	940	127	1136
Smith, Joseph J., New York, N. Y. Contracting last.....	871,150	Nov. 19	2086	562	131	715
Smith, Joseph J., New York, N. Y. Humidifier.....	872,384	Dec. 3	137	26	131	1189
Smith, Joseph M., assignor of one-half to W. J. Saunders, Worcester, Mass. Track-sander.....	867,434	Oct. 1	308	90	130	1409
Smith, Joseph M., assignor of one-half to W. J. Saunders, Worcester, Mass. Track-sander.....	875,631	Dec. 31	6858	1431	131	2379
Smith, Julius F., assignor of one-half to E. B. Keith, Brockton, Mass. Liquid-feeding device.....	875,295	Dec. 31	6102	1273	131	2271
Smith, Julius G., Liberty, N. Y. Metallic railway-tie and fastener.....	875,127	Dec. 31	5774	1206	131	2217
Smith, Lafayette E., Halsey, Ore. Motor-vehicle.....	853,132	July 7	1529	318-19	128	356
Smith, Lambert H., Denver, Colo. Mucilage-bottle.....	856,496	June 11	2056	429	128	2257
Smith, Layton F., Baltimore, Md. Reinforced concrete column.....	841,463	Jan. 15	3353	724	126	942
Smith, Lee J., Waunee, Fla. Roller-support for movable doors.....	845,134	Feb. 26	4805	1018	126	3102
Smith, Leland C. (See Alexander, Frederick, assignor.)						
Smith, Lester C., assignor of one-half to J. J. Baehr, New Orleans, La. Transom-lifter.....	855,260	May 28	5818	1213	128	1584
Smith, Levi F., El Paso, Ill. Half-tone-printing plate.....	844,968	Feb. 19	4450	951	128	2970
Smith, Levi F., El Paso, Ill. Photographer's trimming-wheel.....	862,028	July 30	5730	1591	129	1993
Smith, Lincoln, Braddock, Pa. Ironing-board.....	847,705	Mar. 19	4001	875	127	1070
Smith, Lloyd D., Detroit, Mich. Coal-magazine for automatic stokers.....	848,861	Apr. 2	540	106	127	1728
Smith, Luther D., Detroit, Mich. Register.....	874,127	Dec. 17	3753	789-90	131	1832
Smith, Lyndon P. (See Scragg, George H., assignor.)						
Smith, Lyraphone Company. (See Smith, Frank P., assignor.)						
Smith, Marcellus K., and J. E. Davis, Ames, Iowa. Husking-peg.....	854,247	May 21	3821	789	128	1048
Smith, Martin L., <i>et al.</i> (See Coleman, Samuel M., assignor.)						
Smith, Martin V., New York, N. Y. Furnace.....	854,851	May 28	4983	1037	128	1371
Smith, Martin V., New York, N. Y. Furnace.....	860,888	July 23	3968	1088	129	1406
Smith, Martin V., New York, N. Y. Gas-producer.....	865,954	Sept. 10	1872	525	130	115
Smith, Martin V., New York, N. Y. Gas-producer.....	868,026	Oct. 15	1289	356-7	130	1750
Smith, Martin V., New York, N. Y. Means for producing and distributing combustible gases.....	868,717	Oct. 22	2307	662-3	130	2117
Smith, Mary A., Reading, Pa. Curtain-stretcher.....	869,026	Oct. 22	2861	790	130	2260
Smith, Matthew F., Sigel, Pa. Rope-clamp.....	839,965	Jan. 1	329	72	126	90
Smith, Maxwell B., London, Ohio. Guard or extension for baking-pans.....	848,698	Apr. 2	158	33	127	1627
Smith, Maxwell M., London, assignor of one-half to A. H. Constable, Penshurst, England. Variable-speed gear.....	844,203	Feb. 12	2656	570	126	2490
Smith, Michael H., London, England. Cash-tray.....	872,768	Dec. 3	941	196	131	1316
Smith, Milo H., <i>et al.</i> (See Stevenson, Fred C., assignor.)						
Smith, Nathan, Steevensville, Md. Wrench.....	854,248	May 21	3822	789-90	128	1048
Smith, Nelson R., assignor of one-half to C. F. Grieb, Washington, D. C. Reversible steam-turbine.....	866,530	Sept. 17	2722	760-1	130	913
Smith, Noah W., East Rand, Transvaal. Apparatus for the purification of waste oil.....	841,347	Jan. 15	3140	677-8	126	887
Smith, Norman R., Seattle, Wash. Rotary engine.....	869,146	Oct. 22	3039	838-9	130	2314
Smith, Norman R., Seattle, Wash. Rotary engine.....	869,147	Oct. 22	3041	839-40	130	2315
Smith, Oakley G., Iowa City, Iowa. Mounting for anatomical specimens.....	852,807	May 7	887	180	128	226
Smith, Ollie F., Valley Head, Ala. Burglar-alarm.....	848,962	Mar. 26	4751	1036	127	1287
Smith, Orlin H. (See Blain and Smith.)						
Smith, Oscar, Milton, Kans. Attachment for self-propelled vehicles.....	874,128	Dec. 17	3755	790	131	1852
Smith, Oscar E., Chicago, Ill. Billiard-cushion.....	861,148	July 23	4365	1198	129	1534
Smith, Ozro P., assignor to J. L. Young, South Framingham, Mass. Marine propeller.....	839,897	Jan. 1	194	43	126	55
Smith Paper Machinery Company. (See Smith, Richard, assignor.)						
Smith, Patrick J. A., Washington, D. C., assignor of one-half to B. R. Weitzman, Brooklyn, N. Y. Stair-rod.....	848,574	Mar. 26	5715	1250	127	1527
Smith, Patrick J. A., Washington, D. C., assignor of one-half to B. R. Weitzman, Brooklyn, N. Y. Carpet-fastener.....	862,854	Aug. 6	1240	336	129	2464
Smith, Paul B., Philadelphia, Pa. Watch-guard.....	850,261	Apr. 16	3163	661	127	2468
Smith, Philip S., Philadelphia, Pa. Box-covering machine.....	862,290	Aug. 6	302	85	129	2176
Smith, Philip S., Philadelphia, Pa. Box-covering machine.....	862,357	Aug. 6	402	111-12	129	2209
Smith, Philip S., assignor to Stokes & Smith Company, Philadelphia, Pa. Machine for gluing blanks.....	853,480	May 14	2230	465	128	605
Smith Premier Typewriter Company. (See Briggs, Arthur J., assignor.)						
Smith Premier Typewriter Company. (See Stillman, George F., assignor.)						
Smith, Preston L., assignor of two-thirds to A. Day and J. C. Breithaupt, Philadelphia, Pa. Automatic ending-machine for boxes.....	852,083	Apr. 30	6809	1418-20	127	3460
Smith, Purnell W., Philadelphia, Pa. Salt and pepper cellar.....	846,256	Mar. 5	1068	230	127	271
Smith, Ray, Elkins, W. Va. Socket.....	846,701	Mar. 12	1975	434	127	532
Smith, Reuben. (See Smith, Forbes, assignor.)						
Smith, Reuben J., Waukegan, Ill. Harmonic horn.....	857,765	June 25	4524	955	128	2142

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Smith, Richard, Bellows Falls, Vt., assignor to Smith Paper Machinery Company, Portland, Me. Feed mechanism for calender-rolls of paper-making machines	839,966	Jan. 1	330	72-3	126	91
Smith, Richard, Worcester, Mass., assignor to Smith Paper Machinery Company, Portland, Me. Agitator or mixing apparatus	865,128	Sept. 3	557	156	130	169
Smith, Richard, Worcester, Mass., assignor to Smith Paper Machinery Company, Portland, Me. Calender-feed for rolls of paper-making machines	875,386	Dec. 31	6285	1310	131	2300
Smith, Richard H., Springfield, Mass. Speed and distance indicating and recording device	866,397	Sept. 17	2542	709	130	856
Smith, Robert A., Laurelville, Pa. Wrench	859,020	July 2	1105	294	129	377
Smith, Robert F., <i>et al.</i> (See McCargar, Elmer E., assignor.)						
Smith, Robert M., Chicago Ill. Folding steel square	844,420	Feb. 19	3134	672	126	2649
Smith, Robert P., Winchester, assignor of one-third to E. W. Longley, Salem, Mass. Anchorage for building purposes	849,817	Apr. 9	2340	480	127	2219
Smith, Robert P., and G. E. Drum, Philadelphia, Pa. Return-liquor system for dyeing and bleaching machines	856,922	June 11	2881	603	128	2455
Smith, Robert P., and G. E. Drum, Philadelphia, Pa. Dyeing-machine	863,460	Aug. 13	2146	519	129	2784
Smith, Robert R., Philadelphia, Pa. Door-check	842,121	Jan. 22	4661	1001	126	1301
Smith, Robert R., Philadelphia, Pa. Door-check	842,350	Jan. 29	5174	1099	126	1465
Smith, Robert R., assignor to General Specialty Manufacturing Company, Philadelphia, Pa. Dish-washing apparatus	839,898	Jan. 1	196	43	126	55
Smith, Robert R., assignor, by mesne assignments, to General Specialty Manufacturing Company, Philadelphia, Pa. Tack and nail puller	858,034	June 25	5085	1077	128	3082
Smith, Robert S., Alva, Okla. Ter. Feed-box	845,982	Mar. 5	530	110	127	137
Smith, Robert T., Jr., Warrington, England. Wheel for vehicles	854,914	May 28	5126	1066-7	128	1409
Smith, Roy C., East Germantown, Ind. Plow-jointer	851,902	Apr. 30	6411	1338	127	3359
Smith, Roy H. (See Lamb, Griggs, and Smith.)						
Smith, Rudolph C., Yonkers, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Means for operating hydraulic-elevator plants	868,718	Oct. 22	2399	663	130	2118
Smith, Rudolph H., Englewood, N. J. Shock-absorber	852,001	Apr. 30	6632	1381	127	3414
Smith, Samuel, Wabasso, Minn. Harvester-needle	855,539	June 4	178	37	128	1739
Smith, Samuel, Toronto, Ontario, Canada. Jacquard loom	858,035	June 25	5087	1077	128	3682
Smith, Samuel, Surrey Centre, British Columbia, Canada. Tube-stopper	872,024	Nov. 26	3980	956	131	1035
Smith, Samuel C., Daisy, La. Flood-gate	870,256	Nov. 5	602	161	131	197
Smith, Samuel W., and A. Hollinger, Canton, Ohio. Machine-gear	851,449	Apr. 23	5482	1147	127	3093
Smith, Seneca E., Victoria British Columbia, Canada. Gage for determining curvature of saw-blade edges	849,510	Apr. 9	1800	365	127	2083
Smith, Sidney, Cambridge, Mass. Boiler	844,695	Feb. 19	3934	832-3	126	2839
Smith, Sidney L., Bunhill Row, and T. Harden, Fulham, England. Jointing of cables, pipes, rods, and the like, and in a flux therefor	868,498	Oct. 15	2010		130	1968
Smith & Sons Mfg. Company. (See Livengood, Winfield S., assignor.)						
Smith, Stephen G., Hannibal, Mo. Clasp for cuff-holders	875,006	Dec. 31	5545	1158	131	2178
Smith, Stephen T., Jr., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Stenciling-machine	848,777	Apr. 2	319	65	127	1667
Smith, Thaddeus S., assignor of one-half to J. A. Conkey, Indianapolis, Ind. Ice-cream dipper	866,079	Sept. 17	2081	580	130	710
Smith, Theodore E., Weehawken, N. J. Combining oils and fats with heavier fluids	855,071	May 28	5454	1131	128	1491
Smith, Thomas, assignor of one-half to M. Yinder, South Yarra, Victoria, Australia. Flushing-cistern	869,530	Oct. 29	3658	1002	130	2734
Smith, Thomas B., Cynthiana, Ky. Trace-holder	852,353	Apr. 30	7307	1536	127	3583
Smith, Thomas C., Jackson Tenn. Hay-press	861,483	July 30	4920	1351	129	1745
Smith, Thomas E. (See Wilburn and Smith.)						
Smith, Thomas E., Winthrop, Mass. Perpetual account-book	853,905	May 14	3118	639	128	830
Smith, Thomas F., Blackburn, England. Humidifier for moistening the warp-threads of looms when weaving	856,923	June 11	2883	603-4	128	2455
Smith, Thomas J. (See Haskell, Frank H., assignor.)						
Smith, Thomas L. (See Baker and Smith.)						
Smith, Thomas L., and C. A. Baker, assignors to Sterling Wheelbarrow Company, Milwaukee, Wis. Wheelbarrow-wheel	865,274	Sept. 3	776	223	130	235
Smith, Thomas M. (See Keefe and Smith.)						
Smith, Thomas T., Lee, Iowa. Tire-tightener	868,818	Oct. 22	2548	702	130	2164
Smith, Ulysses G., Lansford, Pa. Lock-bolt	853,133	May 7	1530	319	128	386
Smith, Wallace E. (See Anderson, Christain E., assignor.)						
Smith, Walter E., Salem, Mass. Exerciser for felines	848,136	Mar. 26	4873	1064	127	1316
Smith, Walter E., Clay Center, Kans. Shipping-case	865,538	Sept. 10	1228	350	130	401
Smith, Walter J. (See Wallace, James, assignor.)						
Smith, Walter T. (See Miller, Haight, and Smith.)						
Smith, Walton D., assignor of one-half to J. H. Tascher, Prophetstown, Ill. Easel	875,220	Dec. 31	5961	1242	131	2248
Smith, Warren M., Prospect Park assignor to J. A. Brill, Philadelphia, Pa. Metallic car	852,808	May 7	889	181	128	226
Smith, Warren M., Prospect Park, assignor to J. A. Brill, Philadelphia, Pa. Car	852,912	May 7	1122	231-2	128	285
Smith, Watson R., assignor to Jackson Cushion Spring Company, Jackson, Mich. Spring-cushion work	849,088	Apr. 2	950	194	127	1830
Smith, Watson R., and M. A. Phelps, assignors to Jackson Cushion Spring Company, Jackson, Mich. Spring-cushion work	871,244	Nov. 19	2289	599	131	747
Smith, Wellington C. (See Vail, James B., assignor.)						
Smith, Wesley F., Bandana, Ky. Rope and bucket coupling	856,308	June 11	1696	352	128	2157
Smith, Wilber H., Bar Harbor, Me. Implement-rack	863,005	Aug. 13	1457	397	129	2569
Smith, Wilford L. and F. P., Wilmington Del. Rail-lock for railway-drawbridges	862,358	Aug. 6	410	112	129	2213
Smith, Will R., <i>et al.</i> (See Hammer, Willie A., assignor.)						
Smith, Willard, Los Molinos, Cal. Book-support	850,977	Apr. 23	4544	952	127	2858
Smith, Willard A., Melrose, Mass., assignor, by mesne assignments, to United Shoe Machinery Company, Paterson, N. J. Machine for automatically lacing shoe-uppers. (Reissue)	12,638	Apr. 23	5860	1224-6	127	3184
Smith, Willard D., G. L. and A. P. Machris, Los Angeles, Cal.; said Smith assignor to said G. L. and A. P. Machris. Box-making apparatus	858,833	July 2	825	214	129	285
Smith, William, Springdale, Ark. Apple-trimming machine	870,137	Nov. 5	405	113	131	135
Smith, William, and J. N. Jones, Bastrop, La. Combined fish-plate and rail-lock	867,314	Oct. 1	129	38-9	130	1353
Smith, William C., Minneapolis, Minn. Lock for crossing-gates	843,637	Feb. 12	1611	341	126	2231
Smith, William C., Minneapolis, Minn. Means for attaching rails to ties	846,516	Mar. 12	1616	358	127	440
Smith, William C., Minneapolis, Minn. Floor-gate-actuating device for elevators	871,898	Nov. 26	3665	893-4	131	992
Smith, William C., Paterson, N. J. Sound-producing device	857,209	June 18	3445	727	128	2639
Smith, William C. N., Lincoln, Nebr., and E. Roadifer, Logan, Iowa. Grain-door for cars	856,663	June 11	2420	499	128	2340
Smith, William D., Fullerton, Cal. Machine for brushing and revolving oranges and other fruits	872,468	Dec. 3	327	67	131	1218
Smith, William F., and M. Johnson, Coshocton, Ohio. Machine for bending match-safe blanks	872,025	Nov. 26	3981	956-7	131	1035
Smith, William H. (See Case and Smith.)						
Smith, William H., Wichita, Kans. Muffler	859,414	July 9	1707	454	129	605

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h, William H., Reed City, Mich. Perambulator.	871,961	Nov. 26	3801	922	131	1013
h, William H., assignor of one-half to M. F. Barrett, Cleveland, Ohio. Stop and	848,137	Mar. 26	4874	1064	127	1317
ste cock						
th, William H., assignor to Landers, Frary and Clark, New Britain, Conn. Table-	864,205	Aug. 27	3281	910	129	3198
tlery						
th, William H., assignor to Landers, Frary and Clark, New Britain, Conn. Table-	873,274	Dec. 10	1994	417	131	1515
tlery						
th, William H., assignor of one-half to John R. Keim Mills, Inc., Buffalo, N. Y. Mak-	874,448	Dec. 24	4389	924	131	1971
ng gear-wheels						
th, William J., Schuyler, Pa. Shoe-tongue	864,206	Aug. 27	3282	910	129	3198
th, William L., Dallas, Tex. Apparatus for applying dry hot air to the face.	867,539	Oct. 1	475	136	130	1461
th, William R., assignor of one-half to H. H. Hewitt, Buffalo, N. Y. Elastic tire for	852,002	Apr. 30	6633	1381	127	3415
wheels						
th, William R., assignor of one-half to H. H. Hewitt, Buffalo, N. Y. Cushioned	854,852	May 28	4985	1038	128	1372
horseshoe						
th, William R., assignor of one-half to H. H. Hewitt, Buffalo, N. Y. Pneumatic tire.	855,818	June 4	726	150	128	1879
th, William R., assignor of one-half to H. H. Hewitt, Buffalo, N. Y. Machine for fill-	857,495	June 18	3981	846-7	128	2773
ing fabric for tires.						
Smith, William R., assignor to H. J. Smith, Pittsburg, Pa. Heat-generator	859,130	July 2	1256	336	129	424
Smith, William R., assignor to Buffalo Leather Co., Buffalo, N. Y. Apparatus for treat-	864,343	Aug. 27	3476	967-8	129	3257
ing skins, &c.						
Smith, William R., assignor to Buffalo Leather Co., Buffalo, N. Y. Apparatus for treat-	867,847	Oct. 8	946	269	130	1621
ing skins						
Smith, William R., assignor to Buffalo Leather Co., Buffalo, N. Y. Apparatus for drying	867,848	Oct. 8	947	270	130	1622
skins, &c.						
Smith, William R., assignor of one-fifth to F. L. Park, Topeka, Kans. Grain-car door.	869,743	Oct. 29	4003	1106	130	2637
Smith, William S. H., Croydon, England. Pneumatic hub for wheels	845,135	Feb. 26	4806	1108	126	3102
Smith, William T., Philadelphia, Pa. Woven rug with fringe	859,129	July 2	1255	336	129	424
Smith, William W., Kittyton, Tenn. Grinding and grating apparatus	850,068	Apr. 9	2782	585-6	127	2328
Smith, Willoughby S., Hyde Park Place, and W. H. Edwards, Walthamstow, England; said Edwards assignor to said Smith. Elastic tire	864,112	Aug. 20	3122	864	129	3120
Smith, Wilson R., Beloit, Wis. Gas-engine	859,852	July 9	2361	641	129	817
Smithburg, Elmer M., Lockridge, Iowa. Shock-compressor	852,205	Apr. 30	7046	1471	127	3519
Smithson, Alexander J., Portland, Oreg. Hydrocarbon-oil and steam vapor burner and	842,917	Feb. 5	149	33-4	126	1829
steam-generator combined						
Smithson, George W., Madelia, Minn. Grain-rake	868,027	Oct. 15	1290	357	130	1751
Smithson, Henry, Ortonville, Minn. Fruit and vegetable cutter and slicer	863,110	Aug. 13	1638	439	129	2625
Smithson, Lloyd A., Warren, Ind. Grip for polishing-rods	863,461	Aug. 13	2147	579	129	2785
Smitmans, John A., Sharon, Pa. Cooling-bed and conveyer	870,592	Nov. 12	1121	306-7	131	396
Smock, Harry G. (See Schnauffer and Smock.)	863,111	Aug. 13	1640	440	129	2625
Smock, John C., et al. (See Hammer, Willie A., assignor.)						
Smohl, Henry W., Vandalia, Ill. Bolt-clipper	844,696	Feb. 19	3937	833	126	2840
Smorowski, Valentine, Monclova, Ohio. Mechanical movement	850,683	Apr. 16	3989	834	127	2680
Smulders, Francis A. M., Rotterdam, Netherlands. Lighter or barge	850,684	Apr. 16	3991	834-5	127	2680
Smulders, Francis A. M., Rotterdam, Netherlands. Endless conveyer	868,946	Oct. 22	2744	757	130	2225
Smulders, Henri, Schiedam, near Rotterdam, Netherlands. Torpedo-projecting apparat-						
us for submarine and submersible vessels.	841,733	Jan. 22	3883	842	126	1110
Smyrk, William A., New Malden, England. Folding scaffolding-bracket	854,766	May 28	4815	1000-1	128	1327
Smyth Manufacturing Company. (See Reynolds, John R., assignor.)						
Smyth, William H., Berkeley, Cal. Ore-roasting furnace	852,354	Apr. 30	7308	1536	127	3583
Smyth, Willie L., Dudleyville, Ala. Railway-gate	846,628	Mar. 12	1853	408	127	502
Smythe, Edwin H., assignor to Western Electric Company, Chicago, Ill. Telephone-ex-						
change apparatus	847,520	Mar. 19	3598	793-4	127	968
Smythe, Edwin H., and E. A. Burrows, assignors to Western Electric Company, Chicago, Ill. Circuit-breaker	853,835	May 14	2966	608	128	793
Snapp, William A., assignor of one-half to C. B. Harris, Harris, Mo. Automatic switch	859,131	July 2	1257	336	129	424
Snead & Company Iron Works. (See Macdonald, Harry P., assignor.)						
Snearly, George, Detroit, Mich. Shackle	841,593	Jan. 15	3595	781-2	126	1005
Sneddon, James P., Barborton, Ohio, assignor to Stirling Consolidated Boiler Company, New York, N. Y. Boiler	858,917	July 2	947	246	129	325
Snedeker, Samuel E., White Plains, N. Y. Window-screen	873,907	Dec. 17	3259	695	131	1761
Snediker, William E., New York, N. Y. Vehicle-wheel	839,967	Jan. 1	333	74	126	92
Snee, John A. (See Snee, William, assignor.)						
Snee, William, assignor to J. A. Snee, West Elizabeth, Pa. Rotary engine	858,114	June 25	5257	1116	128	3126
Sneed, Wade H., Pensacola, Fla. Harness	861,546	July 30	5016	1378	129	1778
Snell, Charles M., assignor of one-half to F. P. Farrell and H. R. McChesney, Danbury, Conn. Machine for clearing hats						
Snell, David, Gasport, N. Y. Supporter for spraying-towers	872,469	Dec. 3	329	67	131	1218
Snell, Harry K. (See Vogel and Snell.)	840,391	Jan. 1	1229	269	126	323
Snell, Horace B., Jacksonville, Fla. Chemical apparatus						
Snell, Jesse H., Ilion, N. Y. Rail-chair	844,050	Feb. 12	2368	507	126	2418
Snell, Ransom Z., South Bend, Ind. Mixing-machine	842,262	Jan. 29	4980	1064	126	1414
Snelus, James M., Niles, Ohio. Plaster composition	841,464	Jan. 15	3354	-----	126	942
Snevely, James E., San Francisco, Cal. Feather duster	843,113	Feb. 5	570	119	126	1940
Snevely, James E., San Francisco, Cal. Feather duster	843,114	Feb. 5	571	120	126	1940
Snevely, James E., San Francisco, Cal. Machine for making feather dusters and brushes	850,685	Apr. 16	3993	835	127	2681
Snider, David W., assignor of two-thirds to T. D. Maness and E. D. Bivens, Salisbury, N. C. Dust-pan	856,740	June 11	2560	526	128	2377
Snigo, James J., Pittsburg, Pa. Ice-cream can	863,559	Aug. 13	2290	626	129	2827
Snitker, John L., and W. S. Carl, Cincinnati, Ohio. Device for cleaning overhead-trolley wires	861,325	July 30	4660	1273	129	1665
Snoddy, James A., Seattle, Wash. Pipe	868,819	Oct. 22	2550	702	130	2165
Snow, Ada E. (See Snow, Peter E., assignor.)	847,209	Mar. 12	2982	657	127	784
Snow, Alonzo J., Fromberg, Mont. Draft-regulator for steam-boilers						
Snow, Asa V., Worcester, Mass. Tree-felling machine	846,869	Mar. 12	2317	509	127	621
Snow, Charles W. and H. H. Truro, Mass. Cutter	872,385	Dec. 3	139	26-7	131	1189
Snow, Edwin M. (See Drew, Herbert H., assignor.)	853,481	May 14	2234	465	128	606
Snow, Frank P., Los Angeles, Cal. Crushing-rolls						
Snow, Fred W., Hillburn, N. Y., assignor to Standard Equipment Company, Mahwah, N. J. Switch-stand	846,062	Mar. 5	707	147	127	181
Snow, Fred W., Hillburn, N. Y., assignor to Standard Equipment Company, Mahwah, N. J. Switch-stand	846,063	Mar. 5	709	147-8	127	182
Snow, Fred W., Hillburn, and W. C. Kidd, Suffern, assignors to Standard Equipment Company, Mahwah, N. J. Switch-stand	854,767	May 28	4818	1001	128	1329
Snow, Frederick, assignor, by mesne assignments, to Conkling Company, Chicago, Ill. Driving and reversing mechanism	841,061	Jan. 8	2541	555-6	126	690

Alphabetical list of patentees—Continued.

Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
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Snow, George B., Buffalo, N. Y. Dental articulator	870,909	Nov. 12	1654	455	131	568
Snow, Gertrude M., Kalamazoo, Mich. Music-holder	847,444	Mar. 19	3460	759	127	930
Snow, Horace H. (See Snow, Charles W. and H. H.)						
Snow, Isaac. (See Morris and Snow.)						
Snow, John L. (See McKinney, Leo P., assignor.)						
Snow, Louis P. (See Decker, Walter W., assignor.)						
Snow, Peter E., assignor to A. E. Snow, Denver, Colo. Means for calking pipe-joints. .	856,106	June 4	1246	262	128	2006
Snow, T. W. (See Moore, Moses M., assignor.)						
Snow, William D., assignor to Thomas Potter Sons & Company, Incorporated, Philadel- phia, Pa. Manufacture of linoleum	845,202	Feb. 26	4938	1047-8	126	3135
Snowdon, Archibald G., Westmount, Quebec, Canada. Can-opener	849,929	Apr. 9	2556	529	127	2275
Snuggs, John H., Jackson, Mich. Axle-wheel coupling	870,853	Nov. 12	1564	430	131	539
Snyder, Albert R., and J. W. Potts, Haverford, Pa. Curtain-rod	841,062	Jan. 8	2548	556	126	692
Snyder, Charles D., Dixon, Iowa. Seed-corn hanger	856,818	June 11	2695	556	128	2411
Snyder, Charles F., assignor of one-eighth to J. P. Murray, Allegheny, Pa. Hose or pipe coupling	869,662	Oct. 29	3874	1061	130	2600
Snyder, Charles H., Baltimore, Md. Composition for grinding and polishing	841,903	Jan. 22	4250		126	1203
Snyder, Charles W. (See Goodwin, Richard N., assignor.)						
Snyder, Daniel H. (See Hitch, John E., assignor.)						
Snyder, Daniel H., et al. (See Hitch, John E., assignor.)						
Snyder, Daniel K., Portsmouth, Va. Drawer-pull	844,902	Feb. 19	4346	928	126	2944
Snyder, Emmanuel H., Canton, Ohio. Corn-planter	845,203	Feb. 26	4940	1048	126	3136
Snyder, Frank T., St. Louis, Mo. Pneumatic renovator	862,119	July 30	5903	1634	129	2047
Snyder, Frederick T., Oak Park, Ill. Turbine	850,501	Apr. 16	3627	757	127	2588
Snyder, Frederick T., assignor to International Separator Company, Chicago, Ill. Shak- ing-table separator	854,768	May 28	4820	1001-2	128	1329
Snyder, Frederick T., Oak Park, assignor to Electric Metals Company, Chicago, Ill. Smelting	859,132	July 2	1258	336-7	129	425
Snyder, Frederick T., Oak Park, assignor to Electric Metals Company, Chicago, Ill. Smelting-furnace	859,133	July 2	1262	337	129	426
Snyder, Frederick T., Oak Park, assignor to Electric Metals Company, Chicago, Ill. Smelting	859,134	July 2	1265	337-8	129	428
Snyder, Frederick T., Oak Park, assignor to Electric Metals Company, Chicago, Ill. Metallurgical process	859,135	July 2	1267	338	129	428
Snyder, Frederick T., Oak Park, assignor to Electric Metals Company, Chicago, Ill. Electric furnace	859,136	July 2	1271	338-9	129	430
Snyder, Frederick T., Oak Park, assignor to Electric Metals Company, Chicago, Ill. Electric furnace	859,137	July 2	1274	339-40	129	431
Snyder, Grant E., Cooperstown, N. D. Feed-hopper	870,477	Nov. 5	957	261-2	131	311
Snyder, Harman A. (See Manning, William C., assignor.)						
Snyder, Ignatius N., et al. (See Clark, Henry C., assignor.)						
Snyder, James C., La Fontaine, Ind. Burial-case	860,260	July 16	2985	816	129	1052
Snyder, John, Spokane, Wash., assignor of one-third to W. H. Shed, Pueblo, Colo. Lard- ing-needle	854,387	May 21	4059	839	128	1110
Snyder, John G., Altoona, Pa. Rail clamp or fastening	850,262	Apr. 16	3164	662	127	2468
Snyder, John G., Altoona, Pa. Metallic railway-tie	861,547	July 30	5020	1379	129	1778
Snyder, John G., Altoona, Pa. Metallic railway-tie	861,548	July 30	5021	1379	129	1780
Snyder, John G., Altoona, assignor of two-fifths to J. W. Plank, Carlisle, Pa. Rail tie and fastening. (Reissue)	12,603	Jan. 29	6269	1325	126	1741
Snyder, John W., et al. (See Day, Charles D., assignor.)						
Snyder, Lambert, Rochelle Park, N. J. Vibratile apparatus	850,188	Apr. 16	3032	634	127	2431
Snyder, Lionel E., Pompeii, Mich. Stemmer for clover-hullers	864,491	Aug. 27	3702	1032	129	3332
Snyder, Richard A. L. (See Grace and Snyder.)						
Snyder, Samuel F., Canton, Ohio. Cremator for insects	875,221	Dec. 31	5962	1242	131	2248
Snyder, William B. (See Kemble and Snyder.)						
Snyder, William E., Lagrange, Ind. Post-forming device	855,353	May 28	5979	1248	128	1624
Soar, Henry, Goodmayes, England. Speed indicator and recorder	848,504	Mar. 26	5578	1218-19	127	1492
Soares, Ignatius N., Framingham, Mass. Nose-shaper	850,978	Apr. 23	4544	952	127	2858
Sober, Frederick J., Detroit, Mich. Bottle-case	860,836	July 23	3879	1062	129	1377
Sober, Morris S., McLoud, Okla. Ter. Attachment for carpenters' squares	870,854	Nov. 12	1564	430	131	539
Sobers, Eugene F., Bethlehem, Pa. Tire	855,024	May 28	5348	1110	128	1464
Sobey, William, assignor to J. I. Case Plow Works, Racine, Wis. Planter	843,500	Feb. 5	1317	277-9	126	2123
Sobey, William, assignor to J. I. Case Plow Works, Racine, Wis. Plow	870,695	Nov. 12	1302	356-7	131	457
Sobotka, Gustav, New York, N. Y., assignor to American Diamalt Co., Cincinnati, Ohio. Making malt extracts rich in diastase	860,340	July 16	3108		129	1092
Sochurek, Frank, Sr., Milwaukee, Wis. Bottle-tray	858,766	July 2	696	184	129	242
Società Generale per la Cianamide. (See Caro, Nikodem, assignor.)						
Società Italiana dei Forni. (See Magnasco, Giovanni, assignor.)						
Société Anonyme d'Electricité et d'Automobiles Mors. (See Mors, Emile L. P., assignor.) assignor.)						
Société Anonyme des Anciens Etablissements Panhard et Levassor. (See Krebs, Arthur, assignor.)						
Société Anonyme des Automobiles Delaunay-Belleville. (See Delaunay-Belleville, Louis M. G., assignor.)						
Société Anonyme des Automobiles Eugène Brillié. (See Brillié, Auguste E., assignor.) assignor.)						
Société Anonyme des Cuir et Courroies d'Audenarde. (See Gevaert-Naert, Louis, as- signor.)						
Société Anonyme des Etablissements Delaunay-Belleville. (See Delaunay-Belleville, Louis M. G., assignor.)						
Société Anonyme des Tobacs Désintoxiques. (See Parant, Léon, assignor.)						
Société Anonyme l'Oxydrique Internationale. (See Jottrand and Schmidt.)						
Société Anonyme l'Oxydrique Internationale. (See Jottrand and Sluys, assignors.)						
Société Anonyme Métallurgique Procédés de Laval. (See Laval, Carl G. P. de, assignor.) assignor.)						
Société d'Etudes Spéciales et d'Installations Industrielles. (See Poncet, René G., as- signor.)						
Société des Automobiles Sizaie et Naudin. (See Sizaie and Naudin, assignors.)						
Société des Automobiles Truffault. (See Truffault, Jules M. M., assignor.)						
Société des Raffinerie et Sucrerie Say, Firm of. (See Mastain and Delfosse, assignors.) assignor.)						
Société Electro-Metallurgique Française. (See Héroult, Paul L. T., assignor.)						
Société Universelle de l'Asservisseur Automatique Titan. (See Flateau, Paul H., as- signor.)						
Society Deutsche Kraftgas-Gesellschaft M. B. H. (See Wagener, August, assignor.)						
Society of Chemical Industry in Basle. (See Bertschmann, Albert, assignor.)						
Society of Chemical Industry in Basle. (See Engi, Gadiant, assignor.)						
Society of Chemical Industry in Basle. (See Kroeber, Thilo, assignor.)						
Soda, Samuel, assignor to Indispensable Counter Company, New York, N. Y. Foldable counter	840,719	Jan. 8	1869	412	126	522

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Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
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Soddy, Frederick, Glasgow, Scotland. Means and apparatus for producing high vacuums.	859,021	July 2	1106	294-5	129	378
Sodeau, William H. (See Lloyd and Sodeau.)						
Sodekson, Eva M., et al. (See Sodekson, Nathan S., assignor.)						
Sodekson, Nathan S., assignor to S. R. McCamish, L. R. Beaird, and E. M. Sodekson, Minn-eola, Tex. Cotton-chopper.	874,129	Dec. 17	3756	790	131	1833
Soderland, Alfred, Clearfield, Pa. Horseshoe toe-calk.	858,677	July 2	551	142	129	191
Soldner, Henry, East Williamsburg, assignor to De La Vergne Machine Company, New York, N. Y. Oil-engine. (Reissue).	12,635	Apr. 16	4390	919-20	127	2783
Soennecken, Friedrich, Bonn, Germany. Copying-machine.	869,593	Oct. 29	3767	1031	130	2568
Sofge, John, et al. (See Swing and Graner, assignors.)						
Soffley, James W., Winnipeg, Manitoba, Canada. Sanitary closet.	850,263	Apr. 16	3165	662	127	2468
Sogge, George J., Hanson, S. D. Transmission-gearing.	866,164	Sept. 17	2201	612	130	749
Sohler, Karl. (See Schneider and Sohler.)						
Sohm, Alfred L., assignor to National Electric Works, Los Angeles, Cal. Electric-signal system.	862,209	Aug. 6	161	45-6	129	2134
Sohmer & Co. (See Weber, Peter, assignor.)						
Sohn, George H., Lincoln, Cal. Third-rail attachment for electric cars.	874,630	Dec. 24	4760	1001	131	2030
Sohn, Ralph L., Arrowsmith, Ill. Tool for cement-work.	844,204	Feb. 12	2666	571	126	2494
Sohner, Harry E., and W. H. Benjamin, Montclair, N. J. Terminal or connecting-clip for electric wires.	868,300	Oct. 15	1704	481	130	1876
Söhnlein, Heinrich, Wiesbaden, Germany. Explosion-engine.	868,301	Oct. 15	1705	481	130	1877
Sohon, Frederick, Washington, D. C. Photographic-print-testing device.	849,277	Apr. 2	1317	267	127	1924
Soitmann, Adolph G., Philadelphia, Pa. Horn for talking-machines.	873,908	Dec. 17	3261	696	131	1761
Sokal, Edward. (See Cook and Sokal.)						
Sokal, Edward, Binghamton, N. Y., assignor of one-half to S. Bloomfield, Elkhart Lake, Wis., S. B. Wolf and C. Wolff, Chicago, Ill. Storage battery.	852,464	May 7	157	28	128	48
Sokup, Joseph V., Rice Lake, Wis. Cheese-press.	865,955	Sept. 10	1874	526	130	615
Sölbeck, Christian P. (See Christensen and Sölbeck.)						
Solid Steel Tool & Forge Company. (See Baker, James H., assignor.)						
Solie, Oscar L., Sioux Falls, S. D. Filing-cabinet.	871,372	Nov. 19	2569	658-9	131	790
Solis, Benito, Guadalupe de los Reyes, Mexico. Agitator.	850,069	Apr. 9	2784	586	127	2328
Sollers, Albert E., Mount Union, Pa. Folding square.	844,205	Feb. 12	2667	571	126	2494
Sollers, Albert E., Mount Union, Pa. Square.	866,531	Sept. 17	2724	761	130	913
Sollmann, Ekko. (See Berg and Sollmann.)						
Sollmann, Ekko, Hoboken, N. J. Means for stopping and releasing toy railway-vehicles.	851,843	Apr. 30	6303	1315	127	3331
Solomiac, Emile, Paris, France. Steam-generator.	844,697	Feb. 19	3941	834-5	126	2841
Solomon, Abraham, New York, N. Y. Marking-gage.	867,761	Oct. 8	809	228	130	1581
Solomon, William T., Louisville, Ky., assignor to R. C. Hall, Pittsburg, Pa. Valve for non-refillable bottles.	845,136	Feb. 26	4806	1018	126	3103
Solomon, William T., assignor to R. C. Hall, Pittsburg, Pa. Nut-lock.	845,137	Feb. 26	4807	1018	126	3103
Solomon, William T., assignor of one-half to R. C. Hall, Pittsburg, Pa. Nut-lock.	851,037	Apr. 23	4650	976	127	2886
Solomon, William T., assignor to R. C. Hall, Pittsburg, Pa. Gas and vapor burner.	874,449	Dec. 24	4391	925	131	1971
Solomon, William T., assignor to R. C. Hall, Pittsburg, Pa. Incandescent gas-burner.	874,705	Dec. 24	4918	1033	131	2056
Solvay Process Company. (See Pennock, John D., assignor.)						
Somers, Carl, Fairmont, W. Va. Boring-machine.	846,870	Mar. 12	2318	509	127	621
Somers, Daniel M., New York, N. Y. Steam-engine system.	842,588	Jan. 29	5684	1203-4	126	1598
Somers, Daniel M., New York, N. Y. Apparatus for opening packs of plates.	867,315	Oct. 1	130	39	130	1354
Somers, Edward H., assignor of one-half to F. A. Somers, Urbana, Ill. Machine for making building-blocks.	869,271	Oct. 29	3231	889-91	130	2403
Somers, Frank A. (See Somers, Edward H., assignor.)						
Somers, Michael, East Pittsburg, Pa. Retaining-valve.	853,906	May 14	3120	639	128	831
Somersall, William H., Boston, Mass. Chicken-brooder.	853,038	May 7	1371	285	128	348
Somló, Karl I., Temesvár, Austria-Hungary. Malting grain.	854,003	May 21	3325	128	128	922
Sommer, Charles, New York, N. Y. Soldering-iron holder and heater.	858,036	June 25	5089	1077	128	3083
Sommer, Felix A., Twickenham, England. Inking-pad for rubber and other stamps.	848,063	Mar. 26	4752	1036	127	1287
Sommer, George M., Braden, Ohio. Draft apparatus.	851,903	Apr. 30	6413	1339	127	3360
Sommer, John L. (See Biehl, Bernard, assignor.)						
Sommer, John L., Newark, N. J. Shoe buttoner and horn.	841,192	Jan. 15	2818	614	126	806
Sommer, Joseph W. (See Sommer, Peter W. and J. W.)						
Sommer, Joseph W., Peoria, Ill. Coiling-spindle.	844,206	Feb. 12	2668	571	126	2495
Sommer, Peter W. and J. W., Peoria, Ill. Wire-barbing machine.	870,057	Nov. 5	288	79-80	131	98
Sommerhof, William A., Erie, Pa. Pipe-organ action.	862,029	July 30	5731	1591	129	1993
Sommers, Bernhardt F., Evansville, Ind. Barrel elevator and trip.	855,141	May 28	5594	1163-4	128	1525
Sommers, Jacob A., Columbus, Ohio. Overalls.	872,089	Nov. 26	4111	983	131	1056
Son, Eleanor D., Utica, N. Y. Tailpiece for stringed musical instruments.	843,851	Feb. 12	1995	428	126	2327
Sonander, Andrew, assignor to American Grain Meter Company, Springfield, Ohio. Grain-meter.	853,268	May 14	1811	377	128	491
Sonander, Andrew, assignor to American Grain Meter Company, Springfield, Ohio. Grain-meter.	874,706	Dec. 24	4920	1033-4	131	2056
Sonntag, Eduard, Chicago, Ill. Combined weather-strip and window-supporter.	858,544	July 2	304	76	129	108
Sons, Ernest L., C. A. Fogel, and A. C. McCoy, Pittsburg, Pa. Vending-machine.	865,275	Sept. 3	777	223-4	130	235
Sooy, Ephraim C. (See Concannon, Sherman, assignor.)						
Soper, Lewis N., Guelph, Ontario, Canada. Piano-action.	849,278	Apr. 2	1321	268	127	1925
Sorensen, Christina J., assignor to Gilbert Manufacturing Company, New York, N. Y. Skirt.	850,264	Apr. 16	3166	662	127	2469
Sorensen, Frederick C., assignor of two-thirds to J. A. Calek and R. C. Williams, Chicago, Ill. Journal-box and lid.	869,663	Oct. 29	3875	1061	130	2600
Sørensen, Stanley S., and G. C. Westby, Murray, Utah. Treating smelter smoke and extracting values from ores or metallurgical waste products.	875,222	Dec. 31	5964	1242-3	131	2249
Sorenson, Gilbert, Casselton, N. D. Flue-cutter.	870,800	Nov. 12	1478	399	131	513
Sorey, Arthur M., Cedar Rapids, Iowa. Bed-spring.	860,261	July 16	2987	816	129	1052
Sorge, Adolph, Jr., Chicago, Ill. Water-purifying apparatus.	860,702	July 23	3679	1007	129	1312
Sorge, Adolph, Jr., Chicago, Ill., assignor, by mesne assignments, to A. Sorge Jr. Company, Wilmington, Del. Steam-trap.	864,869	Sept. 3	168	47-9	130	53
Sorrell, Henry T., Baltimore, Md. Shelf-bracket.	855,994	June 4	1064	221	128	1963
Sorrells, William B., Rockmart, Ga. Fencing-machine.	875,559	Dec. 31	6069	1382	131	2354
Soss, Joseph, New York, N. Y. Toy.	851,782	Apr. 30	6170	1287	127	3295
Soucey, Frank B., Collegeview, Nebr. Bracket.	855,354	May 28	5980	1248	128	1624
Soucy, Adolphus J., et al. (See Lemoine, David, assignor.)						
Souder, Jacob J., Washington, D. C. Metal joint.	871,830	Nov. 26	3520	861	131	969
Souder, John, Philadelphia, Pa. Combination bill-head, duplicate, label, receipt, and envelop.	846,064	Mar. 5	711	148	127	182
Souheur, Jean, Antwerp, Belgium. Antinicotin-mouthpiece.	840,720	Jan. 8	1870	412	126	523
Soulé, Edward D., New York, N. Y. Hat.	848,699	Apr. 2	159	33-4	127	1627
Soule, George F. (See Cooper, George N., assignor.)						
Soupeset, Fredrick P., Rocky Ford, Colo. Stove-grate.	854,968	May 28	5224	1088	128	1433

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Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
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South African Maganite Explosives Syndicate. (See Bloxam, Hugh C. L., assignor.)						
Southam, Arthur D., Hartford, Conn. Electrically-operated fountain.	871,191	Nov. 19	2166	577-8	131	729
Southam, Arthur D., and H. C. Hides, Hartford, Conn. Illuminating-mirror.	856,497	June 11	2087	429	128	2257
Southard, Charles H., <i>et al.</i> (See Clark, Frank M., assignor.)						
Southard, James H., <i>et al.</i> (See Gilroy, Frank J., assignor.)						
Souther, Elbridge G., Lynn, Mass. Counting device for blank-cutting machines.	846,153	Mar. 5	892	187-8	127	227
Souther, John, Newton, Mass. Ice-making machine.	849,864	Apr. 9	2446	500	127	2246
Southerden, John S., Brisbane, Queensland, Australia. Line-spacer for type-writing machines.	864,207	Aug. 27	3283	910	129	3198
Southern, John F., Wilmington, Del., and H. J. Griest, Chester, Pa.; said Southern assignor to said Griest. Rotary explosion-engine.	866,693	Sept. 24	2972	842-4	130	1020
Southern, Samuel L. (See Mounce and Southern.)						
Southern Savings Life and Accident Insurance Company. (See Jackson, Henry O., assignor.)						
Southgate, Louis W., Worcester, Mass., assignor to Campbell Printing Press & Manufacturing Co., New York, N. Y. Multicolor-printing machine.	851,038	Apr. 23	4650	976-7	127	2886
Southgate, Louis W., Worcester, Mass., assignor to Campbell Printing Press & Manufacturing Co., New York, N. Y. Multicolor-printing mechanism.	851,039	Apr. 23	4654	977-8	127	2887
Southgate, Louis W., Worcester, Mass., assignor, by mesne assignments, to Detroit Trust Co., trustee, Detroit, Mich. Traveling-cylinder web-printing machine.	852,465	May 7	162	28-9	128	49
Southark Foundry and Machine Company. (See Petsche, Gustav B., assignor.)						
Southwest Warehouse Company. (See Orton, Fredrick A., assignor.)						
Southwick, Edward L., Mapleton, Minn. Non-refillable bottle.	869,810	Oct. 29	4095	1131	130	2664
Southworth, Charles F., Boone, Nebr. Horseshoe's stand.	862,291	Aug. 6	306	85	129	2178
Southworth, Edward, Portland, Me. Punching-machine.	871,739	Nov. 19	3296	815	131	908
Southworth, Henry E., Colchester, assignor to Porter Screen Manufacturing Company, Burlington, Vt. Curtain-stretcher.	855,908	June 4	910	189	128	1923
Sovereign, George E., Pottersville, N. J. Apparatus and method for shredding leather.	845,721	Feb. 26	5958	1258-9	126	3388
Sowar, Joseph S. C., Brazil, Ind. Hook and eye.	840,266	Jan. 1	961	209	126	260
Sowards, Harmon, <i>et al.</i> (See Dotson, William T., assignor.)						
Sowards, Wilbur, <i>et al.</i> (See Dotson, William T., assignor.)						
Sowash, William H., assignor of nine-twentieths to J. A. Penny, McKeesport, Pa. Attachment for registers.	872,090	Nov. 26	4112	984	131	1057
Sower, Jacob D., Elmo, Kans. Spring-wheel.	850,265	Apr. 16	3167	662	127	2469
Sowerby, William, Indiana, Pa. Receptacle.	850,686	Apr. 16	3995	836	127	2681
Sower, Charles, and J. Howe, St. Joseph, Mo. Bell-ringer.	862,518	Aug. 6	700	189	129	2304
Spackman, Henry S., Ardmore, and E. W. Lazell, assignors to Henry S. Spackman Engineering Company, Philadelphia, Pa. Stack-kiln.	874,631	Dec. 24	4762	1001	131	2031
Spadone, Walter W., assignor to Gutta Percha & Rubber Manufacturing Company, New York, N. Y. Hose.	848,778	Apr. 2	320	65	127	1668
Spahr, Otto, Philadelphia, Pa. Making hollow metal balls.	861,403	July 30	4800	1316	129	1709
Spake, William H. (See Coleman and Spake.)						
Spalckhaver, William, assignor to R. Hoe, New York, N. Y. Folding-machine.	839,899	Jan. 1	197	44	126	55
Spalckhaver, William, assignor to R. Hoe, New York, N. Y. Delivery mechanism.	851,184	Apr. 23	4945	1040	127	2959
Spalckhaver, William, assignor to R. Hoe, New York, N. Y. Printing-machine.	873,909	Dec. 17	3262	696-7	131	1761
Spalding, Frank, assignor to Brown & Sharpe Manufacturing Company, Providence, R. I. Micrometer-callipers.	842,263	Jan. 29	4982	1064	126	1414
Spalding, James F., Kansas City, Mo. Catheter-user's mechanical assistant.	844,478	Feb. 19	3253	702	126	2678
Spalding, James F., Kansas City, Mo. Catheter-user's portable mechanical assistant.	873,275	Dec. 10	1995	418	131	1515
Spang, Henry W., New York, assignor, by mesne assignments, to C. H. Ketcham, Yonkers, N. Y. Apparatus for railway signaling.	860,945	July 23	4049	1109-10	129	1431
Spangenberg, Brewster H., assignor to United Gas Improvement Company, Philadelphia, Pa. Gas-meter.	865,442	Sept. 10	1057	302	130	350
Spangler, Fred J., Lebanon, Pa. Tooth-brush holder.	872,091	Nov. 26	4113	984	131	1057
Spangler, Harvey E., Canton, Ohio. Spring-pressing machine.	844,549	Feb. 19	3407	733-4	126	2715
Spanick, Nick, assignor of one-half to A. N. Price, Loyalhanna, Pa. Inkstand.	864,113	Aug. 20	3123	864	129	3120
Spanier, Joseph. (See Wechsler, Samuel, assignor.)						
Spaninger, Ferdinand, Stuttgart, Germany. Garment suspender or holder.	850,405	Apr. 16	3436	720	127	2540
Sparano, Gennaro, Philadelphia, Pa. Cork-puller.	847,124	Mar. 12	2801	619	127	737
Sparkes, James M., Lynn, assignor of one-half to F. H. Seavey, Boston, and C. W. Blackett, Lynn, Mass. Rotary engine.	855,072	May 28	5457	1131-3	128	1492
Sparkes, James M., Lynn, assignor of one-half to F. H. Seavey, Boston, and C. W. Blackett, Lynn, Mass. Rotary engine.	855,073	May 28	5463	1133-5	128	1494
Sparkes, Frederick W. (See Keenan, Thomas, assignor.)						
Sparkes, Tahaska, St. Louis, Mo. Square.	865,129	Sept. 3	558	156	130	169
Sparkes, Thomas H., Wichita, Kans. Apparatus for heading Kafir corn.	855,819	June 4	728	150-1	128	1879
Sparkes, Thomas H., Wichita, Kans. Collar or cuff button.	856,819	June 11	2697	557	128	2412
Sparkes, Thomas H., Wichita, Kans. Combined harrow and corn-planter.	860,416	July 16	3225	882	129	1129
Sparkes, Walter P., St. Louis, Mo. Animal-shears.	847,706	Mar. 19	4002	875	127	1070
Sparkes, William, assignor to George A. McKeel & Company, Limited, Jackson, Mich. Ferrule attachment for handles.	853,566	May 14	2405	501	128	651
Sparkes, William A., Parkersburg, W. Va. Hoe.	843,501	Feb. 5	1325	279	126	2125
Sparkes, William E., assignor to Sargent & Company, New Haven, Conn. Lock.	840,873	Jan. 8	2168	478-9	126	593
Sparmaker, Frank P., Woodbury, N. J., assignor to H. S. Eckels & Company, Philadelphia, Pa. Casket-truck.	870,058	Nov. 5	290	80	131	98
Sparmaker, Frank P., and J. L. Henry, Philadelphia, Pa.; said Sparmaker assignor to said Henry. Display-rack.	846,359	Mar. 5	1269	279	127	319
Sparre, Fin, assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Waterproof composition for explosives.	850,266	Apr. 16	3168		127	2469
Sparre, Fin, assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Ammonium-nitrate metallic explosive and making same.	850,267	Apr. 16	3170		127	2469
Sparre, Fin, assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Explosive.	850,268	Apr. 16	3171		127	2470
Sparre, Fin, assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Ammonium-nitrate explosive.	850,325	Apr. 16	3277		127	2499
Sparre, Fin, assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Explosive and making same.	850,326	Apr. 16	3279		127	2500
Sparre, Fin, assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Composition for railway-torpedoes.	850,406	Apr. 16	3437		127	2540
Sparre, Fin, assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Explosive.	850,502	Apr. 16	3631		127	2538
Sparre, Fin, assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Explosive.	852,142	Apr. 30	6935		127	3490
Sparre, Fin, assignor to E. I. du Pont de Nemours Powder Company, Wilmington, Del. Explosive.	852,143	Apr. 30	6936		127	3490
Sparrow, Arthur E., Chicago, Ill. Packing-ring.	839,900	Jan. 1	200	44	126	56

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Sparrow, Simon, assignor to Wagner Electric Manufacturing Company, St. Louis, Mo. Electric-motor controller.....	840,590	Jan. 8	1630	358	126	460
Spatz, Ernst, Hackensack, assignor to United Piece Dye Works, Lodi, N. J. Dyeing textile fabrics.....	842,122	Jan. 22	4663	1001	126	1302
Spaulding, Benjamin S., Arcata, Cal. Log-raft gear.....	842,035	Jan. 22	4501	967	126	1262
Spaulding, Elijah F., New York, N. Y. Coin-controlled vending-machine.....	875,128	Dec. 31	5776	1206-7	131	2217
Spaulding, Elijah F., assignor to R. F. Emmerich, Brooklyn, N. Y. Coin-controlled vending-machine.....	862,519	Aug. 6	701	189-90	129	2304
Spaulding, Eugene O., <i>et al.</i> (See Boileau, James W., assignor.)						
Spaulding, Franklin, and J. D. Smith, Chicago, Ill., assignors of one-third to Chicago Film Exchange. Kinetoscope.....	867,682	Oct. 8	690	194	130	1544
Spaulding, George W., Bozeman, Mont. Head-block for baling-presses.....	873,803	Dec. 17	3052	649	131	1726
Spaulding, Harris W. (See Rhoulst, Joseph A., assignor.)						
Spaulding, Harris W. (See Rhoulst, Joseph A., assignor.) (Reissue.)						
Speaker, John C., Magnolia, Ohio. Railway-tie.....	867,435	Oct. 1	310	90	130	1409
Speakman, Willard A., Wilmington, Del. Spray device.....	859,701	July 9	2138	577	129	744
Spear, Clyde J. (See Hartman, Noble W., assignor.)						
Spear, Elmer H., Akron, Ohio. Conveyor.....	851,701	Apr. 30	6017	1257-8	127	3255
Spear, Frank R., Chicago, Ill. Brake-shoe.....	871,740	Nov. 19	3297	815	131	908
Spear, Furman D., Brooklyn, assignor to Armspear Manufacturing Company, New York, N. Y. Signal-lamp.....	840,025	Jan. 1	464	101	126	126
Spear, Furman D., Brooklyn, assignor to Armspear Manufacturing Company, New York, N. Y. Signal-lamp.....	840,026	Jan. 1	465	101	126	126
Spear, Furman D., Brooklyn, assignor to Armspear Manufacturing Company, New York, N. Y. Lantern-frame.....	861,683	July 30	5217	1433	129	1838
Spear, Lawrence Y. (See Bailey and Spear.)						
Spear, Lawrence Y., Quincy, Mass., assignor to Electric Boat Company, New York, N. Y. Submarine boat.....	854,004	May 21	3325	684	128	922
Spear, Lawrence Y., Milton, Mass., assignor to Electric Boat Company, New York, N. Y. Tandem torpedo tube.....	871,453	Nov. 19	2760	695-6	131	818
Spearing, Arthur H. (See Ferguson, Charles M., assignor.)						
Spearman, David R. (See Van Arsdale and Spearman.)						
Spear-Marshall Company. (See Cogger, Harley E., assignor.)						
Spears, John F., <i>et al.</i> (See Weaver, La Fayette T., assignor.)						
Spears, Ralph R., Wheeling, W. Va. Motor.....	849,279	Apr. 2	1322	268	127	1925
Spears, Ralph R., Wheeling, W. Va. Piston-packing.....	856,992	June 11	3016	635	128	2489
Specht, Adolph, Posen, Germany. Fastening for chains.....	840,808	Jan. 8	2038	451	126	563
Specht, Harry, Frostburg, Pa. Mining-machine.....	875,296	Dec. 31	6103	1274	131	2271
Speciale, Michele, New York, N. Y. Safety-lock.....	846,762	Mar. 12	2097	460	127	564
Speece, Charles W., Chicago, Ill. Razor-blade holder.....	854,915	May 28	5128	1067	128	1410
Speed, James, <i>et al.</i> (See Spence, Harry, assignor.)						
Speed, James B. (See Isaacs and Speed.)						
Speed, James B., Berkeley, and P. Thelen, National City; said Speed assignor of one-half J. H. Wallace, San Francisco, Cal. Heat-interchanger.....	840,667	Jan. 8	1765	388	126	496
Speedograph Company. (See Iszard, Charles F., assignor.)						
Speer, Arthur R., Pittsburg, Pa. Enameling the interior of sheet-metal vessels.....	866,821	Sept. 24	3179	893	130	1092
Speer, Arthur R., Pittsburg, Pa. Packing-case.....	869,463	Oct. 29	3553	974	130	2503
Speer, James R., assignor to Brownsville Glass Company, Pittsburg, Pa. Electric heater for glass cylinders.....	859,260	July 9	1460	389	129	525
Speer, James R., Pittsburg, and G. H. Harvey, Glenfield, assignors to Brownsville Glass Company, Pittsburg, Pa. Drawing glass.....	841,193	Jan. 15	2819	615	126	806
Speer, James R., Pittsburg, and G. H. Harvey, Glenfield, assignors to Brownsville Glass Company, Pittsburg, Pa. Separating sheets of glass from their baths.....	841,594	Jan. 15	3599	782	126	1006
Speer, Louis M., Cowanshannock, Pa. Cabinet and display-rack for neckties.....	871,530	Nov. 19	2927	731	131	843
Speer, Robert G., assignor to J. J. Holscher and S. B. Speer, St. Louis, Mo. Carbureting apparatus.....	852,685	May 7	636	122	128	166
Speer, Sarah B., <i>et al.</i> (See Speer, Robert G., assignor.)						
Speier, Joe, New York, N. Y. Cinder-collecting attachment for locomotives.....	875,223	Dec. 31	5969	1243	131	2249
Speight, Henry W., New York, N. Y. Hat-stud.....	860,417	July 16	3228	883	129	1130
Spellman, Thomas W., Worcester, Mass. Bevel, protractor, and square.....	854,853	May 28	4987	1038	128	1372
Speirs, Charles W., assignor to Morgan Crucible Company, Limited, London, England. Brush for dynamo-electric machinery.....	849,511	Apr. 9	1801	365	127	2083
Speirs, Charles W., Battersea, assignor to Morgan Crucible Company, Limited, London, England. Composition or compound for brushes of dynamo-electric machines.....	849,643	Apr. 9	2029	417	127	2140
Spelman, James, Chicago, Ill., assignor to John S. Metcalf Company. Means for use in erecting metal-concrete structures.....	841,904	Jan. 22	4251	915-16	126	1203
Spellman, Herbert W., Newark, N. J., assignor to American Match Manufacturing Company, New York, N. Y. Splint-carrier.....	845,439	Feb. 26	5403	1147	126	3249
Spena, John W., Wakeeney, Kans. Punching implement.....	851,450	Apr. 23	5493	1148	127	3093
Spence, Aaron T., Alameda, S. B. Zimmer and J. H. Prugh, Oakland, Cal., assignors to American Floor Surfacing Machine Co. Floor surfacer, cleaner, and polisher. (Reissue.)	12,681	Aug. 20	3180	878-9	129	3136
Spence, Alexis L., San Francisco, Cal. Eyeglasses.....	861,616	July 30	5128	1408	129	1812
Spence, Charles H., St. Paul, Minn. Gravity-conveyor.....	872,856	Dec. 3	1137	240	131	1345
Spence, David C., <i>et al.</i> (See Winter, Frederick W., assignor.)						
Spence, Enoch M., Granbury, Tex. Cultivator-arch.....	863,948	Aug. 20	2884	794	129	3047
Spence, Francis M. and H. Manchester, and R. Ockel, Lower Walton, assignors to Peter Spence & Sons, Limited, Manchester, England. Treatment of sewage-sludges.....	869,272	Oct. 29	3234		130	2404
Spence, Harry, assignor of two-thirds to J. Speed, Lawrence, and H. Stephenson, Boston, Mass. Spindle.....	868,499	Oct. 15	2011	562	130	1968
Spence, Howard. (See Spence and Ockel.)						
Spence, Watson. (See Lafferty and Spence.)						
Spencer, Aubrey F., Margate, assignor of one-half to A. Rosenberg, London, England. Heel for boots and shoes.....	853,193	May 7	1638	341	128	414
Spencer, Channing H., Maryland, N. Y. Keeper for door-locks, &c.....	849,865	Apr. 9	2447	500	127	2247
Spencer, Christopher M., Windsor, assignor to Universal Machine Screw Company, Hartford, Conn. Variable-speed mechanism.....	848,606	Mar. 26	5781	1261	127	1544
Spencer, Christopher M., Windsor, assignor to Universal Machine Screw Company, Hartford, Conn. Clutch.....	850,854	Apr. 16	4313	905	127	2761
Spencer, Christopher M., Windsor, assignor to Universal Machine Screw Company, Hartford, Conn. Threading mechanism for screw-machines.....	869,989	Nov. 5	184	48	131	65
Spencer, Earl L., Baltimore, Md., and C. D. Wildrick, Friendship, N. Y. Saw-table gage.....	859,138	July 2	1276	340	129	431
Spencer, Ely, Jacksonville, Fla. Hydrocarbon-burner.....	840,591	Jan. 8	1632	358	126	461
Spencer, Eugene F., <i>et al.</i> (See Short, David A., assignor.)						
Spencer, Frances J., Detroit, Mich. Garment-fastener.....	841,734	Jan. 22	3884	842	126	1110

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Spencer, Frederick W., Odell, Ill. Nipple or pipe holder.....	859,022	July 2	1110	295
Spencer, Ira H., assignor to Organ Power Company, Hartford, Conn. Air-valve.....	859,139	July 2	1277	340
Spencer, Ira H., assignor to Organ Power Company, Hartford, Conn. Organ-blowing apparatus.....	869,868	Oct. 29	4184	1151
Spencer, James D., New York, N. Y. Cooler for liquids.....	869,745	Oct. 29	4005	110
Spencer, John W., Newburn, England. Manufacture of steel.....	863,763	Aug. 20	2600	
Spencer, Joseph M., assignor to C. L. Hills, Cincinnati, Ohio. Drying-machine.....	849,581	Apr. 9	1927	38
Spencer, Julius A., Dwight, Ill. Baling-press.....	850,105	Apr. 9	2857	58
Spencer, L. A. (See Corlew, Charles C., assignor.)				
Spencer Lens Company. (See Ott, Harvey N., assignor.)				
Spencer, William B., Chicago, Ill. Postage-stamp and label affixer.....	866,974	Sept. 24	3400	9
Spencer, William B., assignor to A. B. Dick Company, Chicago, Ill. Envelop-sealing machine.....	842,264	Jan. 29	4983	1
Spencer, William L., Wynne, Ark. Foot-power cane-knife.....	844,625	Feb. 19	3789	
Spengler, Charles C., Rockford, Ill., assignor to Automatic Pencil Sharpener Company, New York, N. Y. Pencil-sharpener.....	868,028	Oct. 15	1293	
Spengler, Oscar. (See Herzberg and Spengler.)				
Spenrath, Max, Comfort, Tex. Marking attachment for planters.....	863,665	Aug. 20	2459	
Sperber, Eduard A., Dresden, Germany. Apparatus for automatically recording the direction of the wind in the vertical plane.....	858,310	June 25	5603	
Sperling, Max. (See Weinstein, Moritz, assignor.)				
Sperling, Peter, Neunkirchen, Germany. Machine for printing measurements on pieces of material.....	871,645	Nov. 19	3130	
Sperry, Charles B., Springfield, Mo. Account and shipping pad.....	867,316	Oct. 1	132	
Sperry, Edward. (See Pfeil, Frederick C., assignor.)				
Sperry, Elmer A. (See Pring, John N., assignor.)				
Sperry, Elmer A. (See Townsend, Clinton P., assignor.)				
Sperry, Elmer A. (See Tucker, Samuel A., assignor.)				
Sperry, Elmer A., Brooklyn, N. Y. Lead pigment and similar compounds.....	867,436	Oct. 1	311	
Sperry, Elmer A., Brooklyn, N. Y. Detinning and recovering merchantable iron from tin-plate scrap.....	872,092	Nov. 26	4114	
Sperry, Elmer A., Brooklyn, N. Y. Producing stannic chlorid.....	872,205	Nov. 26	4335	
Sperry, Elmer A., Brooklyn, N. Y. Detinning.....	873,699	Dec. 10	2829	
Sperry, Elmer A., Brooklyn, N. Y. Electric lighting.....	873,804	Dec. 17	3053	
Sperry, Elmer A., Brooklyn, N. Y. Electrolytic refining of tin.....	874,707	Dec. 24	4923	
Sperry, Elmer A., Brooklyn, N. Y. Detinning and producing tin compounds and other products.....	875,632	Dec. 31	6860	14
Sperry, Elmer A., New York, N. Y. Detinning and producing tin compounds and other products.....	874,040	Dec. 17	3527	7
Sperry, Elmer A., Cleveland, Ohio, assignor to Goodman Manufacturing Company, Chicago, Ill. Electric locomotive.....	849,432	Apr. 9	1611	
Sperry, Herbert B., Springfield, Ohio, assignor to International Harvester Company. Frame construction for side-delivery rakes.....	839,968	Jan. 1	334	
Sperry, Herbert B., Springfield, Ohio, assignor to International Harvester Company. Combined side-delivery hay rake and tedder.....	845,204	Feb. 26	4941	
Sperry, Lewis. (See Broderick, David F., assignor.)				
Sperry, Ulysis G., Vernalis, Cal. Wire-stretcher.....	860,837	July 23	3870	
Speyer, George W., Philadelphia, Pa. Mailable blotter.....	861,910	July 30	5569	
Spice, Alfred, New York, N. Y. Swing.....	854,183	May 21	3692	
Spice, George A., Chicago, Ill. Third-rail ice-cutting and cleaning machine for electric railways.....	861,617	July 30	512	
Spicer, Andrew J., Franklin, assignor, by mesne assignments, of one-half to E. C. Russell, Indianapolis, Ind. Gas-engine.....	874,450	Dec. 24	43	
Spicer, Charles R., Springfield, Ill. Ink.....	854,674	May 21	46	
Spicer, Samuel J., Grand Rapids, Mich. Combined storm and screen door.....	864,931	Sept. 3		
Spicer, Thomas J., assignor of one-fourth to J. T. Lahey and U. G. Border, Baltimore, Md. Elevator.....	867,437	Oct. 1		
Spicer, William F., Dayton, Ohio. Adjustable shoe-display device.....	854,769	May 28		
Spiegel, William G., New York, N. Y. Electric railway.....	869,027	Oct. 22		
Spielberger, George D. (See Clayton and Spielberger.)				
Spielberger, George D., Philadelphia, Pa. Ventilator.....	875,007	Dec. 3		
Spielring, Charles, Dalton Station, Ill. Beehive.....	846,517	Mar. 7		
Spiers, James, Jr. (See Monteagle, Robert C., assignor.)				
Spiers, William. (See Harrington, Alfred, assignor.)				
Spies, Charles A., Menominee, Mich. Shoe-fastener.....	846,702	Mar		
Spies, Christoph A., assignor to A. Ortmayer & Son, Chicago, Ill. Harness-saddle.....	867,438	Oct.		
Spies, Louis G., assignor of one-half to H. Mueller, Trenton, Ill. Tongue-iron.....	859,140	July		
Spitschka, Vinzenz, Cleveland, Ohio. Rotary dressing device.....	851,702	Apr		
Spikes, Richard B., assignor of one-half to M. C. Spires, Bisbee, Ariz. Ter. Beer-tapper.....	850,070	Ap		
Spikes, Richard B., assignor of two-thirds to M. C. Spires and H. D. Hall, Bisbee, Ariz. Ter. Beer-tapper.....	871,073			
Spiller, Philip S., assignor of one-half to N. O. Brenizer, Austin, Tex. Grate for boiler-furnaces, &c.....	845,590			
Spillman, Edward O., assignor to Herschell-Spillman Company, North Tonawanda, N. Y. Brace for roundabouts and analogous structures.....	850,44			
Spillman, Richard M., Princeton, Ind. Locomotive-headlight.....	850,8			
Spindler, Henry W., Verona, Pa. Folding chair.....	847			
Spindler, Joseph M., Shakopee, Minn. Vending-machine.....	861			
Spinelli, John, Boston, Mass. Non-refillable bottle.....	8			
Spingler, Harry, New York, N. Y. Moistener and casing for press-copying rollers.....				
Spingler, Harry, New York, N. Y. Press-copying roller.....				
Spink, Cassius M., Warren, Ind. Automobile-headlight.....				
Spink, Cassius M., assignor of one-half to J. D. Lines, Warren, Ind. Car-headlight support.....				
Spink, Eugene A., Chicago, Ill. Apparatus for making vinegar.....				
Spink, Eugene A., Chicago, Ill., and J. W. Norton, Washington, D. C. Vinegar apparatus.....				
Spinks & Co., Wm. A. (See Marsh, Albert L., assignor.)				
Spinney, Alfred K., Toledo, Ohio. Nut-lock.....				
Spire, Alfred J. (See Spire and Emerson.)				
Spire, George and A. J., and O. B. Emerson, Waterville, Minn. Car-mover.....				
Spirella Company. (See Schuler, David, assignor.)				
Spires, Marine C., et al. (See Spikes, Richard B., assignor.)				
Spiro, Charles, New York, N. Y. Paper-clip.....				
Spiro, Charles, New York, N. Y. Paper-file.....				
Spitzer, Emanuel, Munich, Germany. Etching.....				

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Name, residence, and invention.	No.	Date.	Monthly volume.		Official Gazette.	
			Spec.	Dr'g	Vol.	Page.
anuel, Munich, assignor of three-fourths to A. O. Goldsmith, Berlin, and S. unich, Germany. Producing printing-plates.	845,138	Feb. 26	4809	-----	126	3103
anuel, Munich, assignor of three-fourths to A. O. Goldsmith, Berlin, and S. unich, Germany. Printing-plate.	854,675	May 21	4603	-----	128	1245
anuel, Munich, assignor of three-fourths to A. O. Goldsmith, Berlin, and S. unich, Germany. Printing-plate.	854,676	May 21	4606	-----	128	1245
ie, et al. (See Spitzer Emanuel, assignor.)						
Heckmondwike, England. Fiber-oiling machine.	855,025	May 28	5350	1111	128	1464
ries F. (See Hubert, Theodore, assignor.)						
ries F., New York, N. Y. Magneto-armature.	854,438	May 21	4167	863	128	1136
William, Wayne, Nebr. Handle.	870,910	Nov. 12	1656	456	131	568
Tiram H., Wadsworth, assignor of one-half to E. Laas, Chicago, Ill. Rail-						
ram H., Wadsworth, Ill., assignor to Laas & Sponenburg Co. Railway-	843,710	Feb. 12	1737	370	126	2263
ram H., Wadsworth, Ill., assignor to Laas & Sponenburg Co. Railway-	854,060	May 21	3456	712	128	953
W. (See Kidder and Sponsel.)	872,693	Dec. 3	787	163-4	131	1292
W., Hartford, Conn. Clutch.	859,023	July 2	1111	295	129	379
W., Hartford, Conn. Wire clip.	865,956	Sept. 10	1875	526	130	615
V., Hartford, Conn. Reversing-gear.	870,202	Nov. 5	517	142	131	169
V., Hartford, Conn. Speed-indicator.	870,203	Nov. 5	519	142	131	169
V., Hartford, Conn., assignor to Columbia Rope Company, Auburn,						
ing machine.	864,039	Aug. 20	3008	831-3	129	3083
., Hartford, Conn., assignor to Parker Machine Company, Buffalo,						
ding mechanism for type-writers	871,373	Nov. 19	2573	659	131	790
., Hartford, Conn., assignor to William H. Brodie Company, New						
h.	855,867	June 4	824	172	128	1903
h. (See Rickman, Mary E., assignor.)						
er Company. (See Fenner, Charles W., assignor.)						
., Mobile, Ala. Suspenders.	874,257	Dec. 17	4006	846	131	1876
E., Fort Wayne, Ind. Pot-lid.	869,746	Oct. 29	4006	1107	130	2638
l. (See Szczys, Robert, assignor.)						
Rutherford, N. J. Hollow-concrete-wall mold.	858,480	July 2	203	47	129	76
., et al. (See Rector, Alcorn, assignor.)						
y D., California, and P. J. Sprague, Gashland; said Dudley D. Sprague						
prague Ice Company, California, Mo. Apparatus for producing ice.	857,841	June 25	4674	991-2	128	2979
in L. (See Dana, Robert S., assignor.)						
ic Company. (See Darlington, Philip J., assignor.)						
ic Company. (See Libby, Sam H., assignor.)						
ic Company. (See Libby and Baker, assignors.)						
lin S., Somerville, Mass., assignor one-half to C. O. Hasselbarth, Albany,						
bed.	873,103	Dec. 10	1675	349-50	131	1462
W., and E. C. Dunning, Providence, R. I. Disinfecting-receptacle for						
	859,183	July 2	1341	356	129	453
ny. (See Sprague, Dudley D. and P. J., assignors.)	869,744	Oct. 29	4004	1106	130	2638
Norwalk, Ohio. Bow-rest for vehicles.	844,969	Feb. 19	4451	951	126	2970
., Osakis, Minn. Rail-brace.	865,320	Sept. 3	859	247	130	261
ssignor to M. W. Savage, Minneapolis, Minn. Incubator.	846,154	Mar. 5	893	188	127	228
ssignor to M. W. Savage, Minneapolis, Minn. Brooder.	846,155	Mar. 5	896	188	127	228
ashland, Mo. Hatcher.	849,433	Apr. 9	1615	327	127	2037
ve Sprague, Dudley D. and P. J.)						
h. (See Baker and Irish, assignors.)						
nett, Mo. Rail-joint.	844,970	Feb. 19	4452	951	126	2971
ter, S. C. Wood-boring machine.	866,822	Sep. 24	3180	893	130	1093
opolis, Ind. Saw-clamp.	854,540	May 21	4349	900	128	1180
k, assignor of one-half to J. Anderson, Brooklyn, N. Y. Hair-						
	871,646	Nov. 19	3131	777	131	879
isington, Pa. Lock for pins.	853,907	May 14	3121	639	128	831
one-third to C. Stebbins, St. Louis, Mo. Race-starting gate.	863,811	Aug. 20	2682	739-40	129	2994
ssignor to Austin Manufacturing Company, Chicago, Ill.						
	839,901	Jan. 1	201	44	126	57
ms, Warren and H. M., assignors.)						
gborn, Marie and E.)						
ion, England. Making a polishing composition.	840,167	Jan. 1	764	-----	126	207

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Spurgin, Nickolas, assignor of one-half to B. B. Holland, Ottawa, Ill. Pulverizer.....	848,213	Mar. 26	4998	1092	127	1350
Spurlin, Charles L., Ensley, assignor of one-half to W. H. Tharpe, Birmingham, Ala. Car-chute.....	854,249	May 21	3825	790	128	1049
Spurrier, John W., Hattiesburg, Miss. Insect-trap.....	871,305	Nov. 19	2428	628	131	768
Squire, George O. (See Crehore and Squier.)						
Squire, Roland M., Montreal, Quebec, Canada. Piano-action.....	839,903	Jan. 1	205	45	126	58
St. Clair Air Brake Company. (See St. Clair, Augustus A., assignor.)						
St. Clair, Augustus A., assignor to St. Clair Air Brake Company, Indianapolis, Ind. Air-brake system.....	860,946	July 23	4054	1110-11	129	1433
St. Clair, Charles E., Star City, Ind. Buckle.....	841,906	Jan. 22	4255	916	126	1204
St. Clair, Loyd D., Vanvoorhis, W. Va. Ink-well.....	854,542	May 21	4353	901	128	1181
St. Clair, William F., Owatonna, Minn. Display-stand.....	872,771	Dec. 3	950	198	131	1317
St. Croix, Edward J., Seattle, Wash. Reversible motor.....	858,635	July 2	491	126	129	171
St. Croix, Edward J., Seattle, Wash. Fluid-distributing apparatus.....	863,666	Aug. 20	2460	678	129	2913
St. Germain, William A., Greenville, Me. Two-cycle engine.....	874,634	Dec. 24	4769	1002	131	2032
St. John, Alfred A., New Bedford, Mass. Splice-bar and nut-lock.....	868,720	Oct. 22	2404	664	130	2119
St. John, James W., Janesville, Iowa. Adjustable clamp for cultivator-shovels.....	855,487	June 4	89	19	128	1717
St. John, Thomas M., New York, N. Y. Game apparatus.....	848,701	Apr. 2	162	34	127	1628
St. John, William B., New Edinburg, Ark. Attachment for harrow-teeth.....	872,386	Dec. 3	141	27	131	1190
St. Louis Car Company. (See Bosenbury, Joseph M., assignor.)						
St. Louis Car Company. (See Robinson, Edward T., assignor.)						
St. Louis Car Company. (See Sisson, Albert H., assignor.)						
St. Louis Car Company. (See Witte, Hubert, assignor.)						
St. Louis Car Lighting Company. (See Ford and Bauer, assignors.)						
St. Louis Lightning Rod Co. (See Miller, George A., assignor.)						
St. Louis Steel Enameled Brick and Seal Company. (See Brown, Lewis A., assignor.)						
St. Louis Tin & Sheet Metal Working Company. (See Knapp, George F., assignor.)						
St. Onge, Amasa, and C. A. Brown, Providence, R. I. Grid for cotton-picker machines.....	866,234	Sept. 17	2294	641	130	778
St. Onge, Edmond J. (See Halliday, George, assignor.)						
Staah, Herman G., Milwaukee, Wis. Railway-tie.....	843,308	Feb. 5	972	199	126	2036
Staaf, Werner I., Pittsburg, Pa. Spool attachment.....	870,478	Nov. 5	958	262	131	311
Staats, William H., Colonie, N. Y. Recoil-check for vehicles.....	872,544	Dec. 3	487	102	131	1242
Staben, Richard A. (See Uhrig and Staben.)						
Stacey, Robert A. (See Sloan, William S., assignor.)						
Stackard, Stephen F., et al. (See Dieckmann and Ormrod, assignors.)						
Stackhouse, John A., Dover, N. J. Grate for bakers' ovens.....	857,210	June 18	3447	727	128	2639
Stackpole, Charles F., Lynn, assignor, by mesne assignments, to Turner Tanning Machinery Company, Boston, Mass. Scarfing-machine.....	857,682	June 25	4350	920	128	2897
Stacks, Howard R., assignor to Geo. V. Cresson Company, Philadelphia, Pa. Variable-speed mechanism.....	861,404	July 30	4802	1316-17	129	1709
Stacks, Howard R., assignor to Geo. V. Cresson Co., Philadelphia, Pa. Variable-speed mechanism.....	861,405	July 30	4805	1317-18	129	1711
Stacy, Edward E., Central City, Nebr. Hasp-lock.....	866,694	Sept. 24	2975	844	130	1020
Stacy, James M., Portland, Oreg. Machine for subdividing sheets of stamps.....	840,592	Jan. 8	1634	358-9	126	461
Stacy, James N. (See Packer and Stacy.)						
Stacy, James N., Portland, Oreg. Letter sealing and stamping machine.....	852,003	Apr. 30	6634	1381-2	127	3415
Stadel, John M., assignor of one-half to J. C. Lowrey, Wilmington, Del. Engine.....	857,842	June 25	4676	992	128	2979
Stadteger, George E., San Francisco, Cal. Crystallizing apparatus.....	841,595	Jan. 15	3600	782	126	1006
Stadther, John, Gibbon, Minn. Ignition device for explosive-engines.....	855,209	May 28	5728	1192	128	1560
Stadtlander, George. (See Sardou and Stadtlander.)						
Stadtmuller, Max F., Pomeroy, Iowa. Combined churn and butter-worker.....	857,119	June 18	3267	688	128	2593
Staebler, Daniel S., Shellrock, Iowa. Auxiliary carriage-seat.....	844,421	July 23	4238	1161	129	1490
Staehle, Joseph, Schenectady, N. Y. Fishing-tackle.....	867,439	Oct. 1	313	91	130	1411
Staff, Peter N. (See Brewer, Governor L., assignor.)						
Stafford, Albert B., Chicago, Ill. Collar.....	848,575	Mar. 26	5716	1250	127	1527
Stafford, Benjamin E. D., Pittsburg, Pa. Flexible stay-bolt.....	844,421	Feb. 19	3135	673	126	2649
Stafford, Edward B., New Orleans, La. Sugar-cane and corn harvester.....	860,499	July 16	3343	916-17	129	1170
Stafford, George A., and E. Henry, Belcherville, Tex. Plow.....	851,260	Apr. 23	5106	1074	127	2997
Stafford, James M. (See Bonshire and Stafford.)						
Stafford, Jerome F. (See White and Stafford.)						
Stafford, Jerome F., Minneapolis, Kans. Burning crude petroleum.....	860,418	July 16	3229	883	129	1130
Stafford, Jerome F., Minneapolis, Kans. Apparatus for burning crude petroleum.....	860,419	July 16	3230	883	129	1131
Stafford, Nelson, assignor to N. Stafford Company, New York, N. Y. Pencil-sharpener.....	870,204	Nov. 5	520	142	131	170
Stagg, Thomas H., assignor to Kilbourne and Jacobs Manufacturing Company, Columbus, Ohio. Tie-car for impregnating-tanks.....	869,028	Oct. 22	2865	790-1	130	2261
Stagg, Thomas H., and J. B. Armack, assignors to Kilbourne and Jacobs Manufacturing Company, Columbus, Ohio. Tie-car for impregnating-tanks.....	869,029	Oct. 22	2865	791	130	2261
Stahl, Daniel, Philadelphia, Pa. Coal-dumping wagon.....	844,480	Feb. 19	3259	703	126	2680
Stahl, George W., et al. (See Anderson, Lars, assignor.)						
Stahl, H. C., et al. (See Dudley, Thomas J., assignor.)						
Stahl, John P. (See Kiebler and Stahl.)						
Staines, Frank, Melbourne, Victoria, Australia. Process to facilitate the shelling of peas and the like.....	870,855	Nov. 12	1565	.....	131	539
Stair, Blaine A., Los Angeles, Cal. Sewing-thimble.....	866,532	Sept. 17	2725	762	130	914
Stakes, David F., assignor to Keystone Telephone Company, Philadelphia, Pa. Apparatus for registering telephonic calls.....	852,743	May 7	739	145	128	193
Stakes, David F., assignor to Keystone Telephone Company, Philadelphia, Pa. Apparatus for registering telephonic calls.....	852,744	May 7	742	146	128	194
Stalder, John J., Meade, Kans. Cultivator.....	853,039	May 7	1373	285-6	128	349
Staley, Amos C., Chicago, Ill. Multicopying-machine.....	871,531	Nov. 19	2928	731	131	843
Staley, Harrison L., assignor to Old Hickory Chair Company, Martinsville, Ind. Bark-splitting machine.....	866,975	Sept. 24	3402	963-4	130	1161
Staley, Oran N., Hastings, Nebr. Plate-glass lifter.....	865,444	Sept. 10	1059	303	130	351
Staley, Paul A. (See Krotz, Alvaro S., assignor.)						
Staley, Richard F., Rochester, N. Y. Theatrical apparatus.....	844,207	Feb. 12	2672	572-3	126	2496
Stallings, Samuel, Fountain Inn, S. C. Cotton-chopper.....	855,995	June 4	1065	221	128	1963
Stam, John W., Chinook, Mont. Rotary motor.....	852,144	Apr. 30	6937	1448-9	127	3491
Stam, William H., Verdi, Nev. Tackle-block.....	875,387	Dec. 31	6288	1311	131	2300
Stambaugh, Francis M., assignor to American Brake Company, St. Louis, Mo. Metal-working machine.....	846,871	Mar. 12	2319	509-12	127	621
Stambaugh, Francis M., assignor to American Brake Company, St. Louis, Mo. Drilling-machine.....	847,287	Mar. 12	3140	691	127	823
Stambaugh, William B., Woodsboro, Md. Portable wire-fence post.....	874,804	Dec. 24	5098	1074	131	2087
Stambols, Charles, Newcastle-upon-Tyne, assignor of one-twentieth to S. A. Almida, Chicago, Ill., and one-tenth to L. Huber, Frauenfeld, Switzerland. Treadle-motor.....	845,377	Feb. 26	5299	1124	126	3224
Stamey, De Keller, New York, N. Y. Pencil-sharpener.....	853,836	May 14	2969	608	128	794

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Stamey, John W., <i>et al.</i> (See Cummings, Louis E., assignor.)						
Stamey, Thomas W., <i>et al.</i> (See Cummings, Louis E., assignor.)						
Stamm, Henry, Rentzschmuhle, near Jocketa, assignor to Schnellpressenfabrik Actien-Gesellschaft, Heidelberg, Germany. Printing-machine	848,064	Mar. 26	4753	1037	127	1287
Stamm, Henry, Rentzschmuhle, near Jocketa, assignor to Schnellpressenfabrik Actien-Gesellschaft, Heidelberg, Germany. Printing-machine	848,065	Mar. 26	4756	1037	127	1288
Stamper, Charles and J. D., Cincinnati, Ohio. Polishing-machine for marble and analogous materials	870,321	Nov. 5	704	190	131	231
Stamper, James D. (See Stamper, Charles and J. D.)						
Stamps, Lorenzo D., assignor to himself and J. W. Hamilton, Anahuac, Tex. Spark-producing mechanism for explosive-engines	855,996	June 4	1066	221-2	128	1963
Stamps, William M., Newnan, Ga. Cultivator	846,156	Mar. 5	897	189	127	229
Stanbon, Charles P., Lynn, Mass., assignor to Manufacturers Machine Company, Montclair, N. J. Channeling-machine	865,957	Sept. 10	1875	526	130	615
Stancil, William D., and J. H. Nunnelee, Doniphan, Mo. Handle-fastening means	843,970	Feb. 12	2222	475	126	2385
Stancilff, George W., Houston, Tex. Wire-winding machine	854,541	May 21	4350	900-1	128	1181
Stancilff, George W., El Campo, assignor to Stancilff Well Screen and Mfg. Co., Houston, Tex. Well-screen	857,313	June 18	3636	770	128	2678
Stancilff Well Screen and Mfg. Co. (See Stancilff, George W., assignor.)						
Standard Adding Machine Company. (See Hinchman, George N., assignor.)						
Standard Addressing Machine Company. (See Belknap, Charles A., assignor.)						
Standard Brake Company. (See Cormack, Maurice H., assignor.)						
Standard Candy Machine Company. (See Igou, Dennis T., assignor.)						
Standard Carbureter Company. (See McHardy, James A., assignor.)						
Standard Commercial Company. (See Richards, George L., assignor.)						
Standard Cross Tie Machine Company. (See Martin, Whitley E., assignor.)						
Standard Distilling and Distributing Company. (See Bradley, Edson, assignor.)						
Standard Dry Kiln Company. (See Hussey, William P., assignor.)						
Standard Electric Company. (See Makley, Manett, and Dannelly, assignors.)						
Standard Electro-Automatic Signal Device Company. (See Fallek and Wolfe, assignors.)						
Standard Equipment Company. (See Snow, Fred W., assignor.)						
Standard Equipment Company. (See Snow and Kidd, assignors.)						
Standard Fibre Company. (See Hansen, Thorvald, assignor.)						
Standard Harrow Company. (See Camp, George E., assignor.)						
Standard Harrow Company. (See Park, Edwin H., assignor.)						
Standard Machine Company. (See Houseman, Harry A., assignor.)						
Standard Machinery Company. (See Mathewson, Ernest T., assignor.)						
Standard Manufacturing Company. (See Jordan, Watson A., assignor.)						
Standard Novelty Works. (See Walter, Charles A., assignor.)						
Standard Oil Company. (See Frasca, Herman, assignor.)						
Standard Oil Company of New York. (See Symmons, William G. S., assignor.)						
Standard Pattern & Manufacturing Company. (See Shutz and Kirkman, assignors.)						
Standard Pattern & Mfg. Co. <i>et al.</i> (See Shutz and Kirkman, assignors.)						
Standard Pressed Steel Company. (See Gade, Harald F., assignor.)						
Standard Pressed Steel Company. (See Hallowell, Howard T., assignor.)						
Standard Pressed Steel Company. (See Hallowell and Gade, assignors.)						
Standard Pulley Manufacturing Company. (See Lachman, Laurence S., assignor.)						
Standard Railway Equipment Company. (See Murphy, Albert C., assignor.)						
Standard Rivet Company. (See Sherman, Thomas L., assignor.)						
Standard Roller Bearing Company. (See Beemer, Frank, assignor.)						
Standard Rubber Co. (See Nevius, John C., assignor.)						
Standard Sanitary Manufacturing Company. (See Cosgrove, Joseph J., assignor.)						
Standard Sanitary Manufacturing Company. (See Dawes and Whitehead, assignors.)						
Standard Sanitary Mfg. Co. (See McKinney, William C., assignor.)						
Standard Scale and Foundry Co. (See Tuttle, Josiah S., assignor.)						
Standard Sewing Machine Company. (See Diehl, Jacob, assignor.)						
Standard Sheet Metal Company. (See Dickens, John, assignor.)						
Standard Spoke & Nipple Company. (See Newton, Charles, assignor.)						
Standard Spoke & Nipple Company. (See Newton and Brown, assignors.)						
Standard Steel Car Company. (See Christianson, Andrew, assignor.)						
Standard Steel Car Company. (See Simonton, Jackson, assignor.)						
Standard Stopper Company. (See Mueller, Felix, assignor.)						
Standard Trimmer Company. (See Ridgely, Charles T., assignor.)						
Standard Trimmer Company. (See Ridgely and Pfeifer, assignors.)						
Standard Underground Cable Company. (See Davis, Charles W., assignor.)						
Standart, Nelson K., Detroit, Mich. Skiameter	852,857	May 7	1004	208	128	256
Stanfield, Frank S. (See Hoffheins and Stanfield.)						
Stanfield, Frank S., Cleveland, Ohio. Curtain-stretcher	839,969	Jan. 1	335	74	126	92
Stanfield, Frank S., Cleveland, Ohio. Curtain-stretcher	863,329	Aug. 13	1966	530	129	2728
Stanfield, Jasper H., Muskegon, Mich. Mechanical movement	865,958	Sept. 10	1879	527	130	616
Stanfield, Jasper H., assignor of one-half to J. Hamilton, Muskegon, Mich. Operating mechanism for washing-machines	869,200	Oct. 22	3115	858-9	130	2340
Stanfield, William T., assignor of one-half to E. Ettinger, St. Louis, Mo. Belt-shifting mechanism	857,314	June 18	3637	770	128	2688
Stanford, Arthur L., Chicago, Ill. Rail-joint	854,770	May 28	4826	1002	128	1331
Stanford, Arthur L., Chicago, Ill. Railway-train bumper	861,773	July 30	5363	1480	129	1880
Stanford, Harry A. (See Palmer and Stanford.)						
Stanford, John C., Atlanta, Ga. Waistband	873,389	Dec. 10	2240	466	131	1554
Stanford, William R. K., Sheffield, Ala. Cook-stove	843,773	Feb. 12	1849	393	126	2291
Stange, Louis, Aix-la-Chapelle, Germany. Production of elastic and plastic substances	865,807	Sept. 10	1634	130	532	
Stange, Otto. (See Hagemann and Stange.)						
Stangebye, Conrad, San Francisco, Cal. Boat for ice-breaking and other purposes	857,766	June 25	4525	955	128	2942
Stangeland, Peder O., Williams Bridge, N. Y. Floor-clamp	859,624	July 9	2018	545	129	707
Stanhope, John B., Philadelphia, Pa. Barrel-trussing and hoop-driving machine	852,040	Apr. 30	6749	1402-3	127	3444
Stanislaus-Jungwirth. (See Weiss, Matthias, assignor.)						
Stankovich, Jakob. (See Knorr and Stankovich.)						
Stanley, Arthur E., <i>et al.</i> (See Stanley, George W., assignor.)						
Stanley, Buell, Herndon, Va. Device for receiving and delivering mail-pouches	873,276	Dec. 10	1997	418-19	131	1516
Stanley, Clarence A., Cambridge, Md. Picking-rod	847,841	Mar. 19	4288	940	127	1137
Stanley Company. (See Bradbury, Walter W., assignor.)						
Stanley, Dilwyn M., Pittsburg, Pa. Device for forming wire hat-frames	868,367	Oct. 15	1813	510	130	1908
Stanley, Edward, Norristown, Pa. Packaging-machine	869,664	Oct. 29	3877	1062-9	130	2601
Stanley Electric Manufacturing Company. (See Jeffries, Thomas I., assignor.)						
Stanley Electric Manufacturing Company. (See Wright, Gilbert, assignor.)						
Stanley, Frank J., assignor of one-half to R. Parsons, Philadelphia, Pa. Chalk-line holder	874,130	Dec. 17	3758	791	131	1833

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Stanley G. I. Electric Mfg. Company. (See Euker, George W., assignor.)						
Stanley-General-Incandescent Electric Manufacturing Company. (See Lloyd and Anderson, assignors.)						
Stanley, George P. (See Tainter and Stanley.)						
Stanley, George P., and W. W. Tainter, Dixfield, Me. Toothpick-machine.	854,116	May 21	3565	735-6	128	979
Stanley, George P., and W. W. Tainter, Dixfield, Me. Making toothpicks.	874,131	Dec. 17	3760	791	131	1833
Stanley, George W., assignor of five-eighths to G. D. Miller, E. A. Tucker, A. E. Stanley, F. H. Klinsick, and W. D. Craig, Logansport, Ind. Gasolene-engine.	875,297	Dec. 31	6104	1274	131	2271
Stanley, Henry C., New York N. Y. Toy.	859,261	July 9	1461	390	129	526
Stanley, John O. (See Perkins and Stanley.)						
Stanley, Lionel W., Bromley, England. Means or apparatus for burning or fixing the colors upon printed or decorated tiles, glass, &c.	854,005	May 21	3327	684	128	922
Stanley Motor Carriage Company. (See Riker, Andrew L., assignor.)						
Stanley Motor Carriage Company. (See Whitney, George E., assignor.)						
Stanley Rule & Level Company. (See Bartlett, George H., assignor.)						
Stanley Rule & Level Company. (See Cook, Harris J., assignor.)						
Stanley Rule & Level Company. (See Schade, Edmund A., assignor.)						
Stanley Rule & Level Company. (See Traut, Justus A., assignor.)						
Stanley, Shirley Q., Casper, Wyo. Fire-extinguisher.	870,479	Nov. 5	958	262	131	311
Stanley, Thomas P., Athens, Ga. Telegraph and trolley pole.	841,064	Jan. 8	2552	557-8	126	693
Stanley, William, Great Barrington, Mass. Generating and distributing electrical energy.	859,143	July 2	1281	341	129	432
Stanley, William, Chicago, Ill. Weedless fish-hook.	859,144	July 2	1284	342	129	433
Stanley, William, Great Barrington, Mass., assignor to General Electric Company. Meter.	850,687	Apr. 16	3996	836	127	2682
Stanley, William D. (See Gilliland and Stanley.)						
Stanley, William S., assignor of one-half to J. J. Duane, Dalton, Ga. Adjustable furniture-standard fastener.	868,501	Oct. 15	2013	562	130	1969
Stanley Works. (See Marwick, David B., assignor.)						
Stannard, Jay D., Phoenix, Ariz. Ter. Nautical indicating device.	865,277	Sept. 3	783	224	130	236
Stannard, Jay D., Phoenix, Ariz. Ter. Nautical indicating device.	865,278	Sept. 3	785	225	130	236
Stansbury, Joseph A., Los Angeles, Cal. Apparatus for truing grinding-disks.	865,959	Sept. 10	1880	527	130	617
Stanton, Charles W., et al. (See Wood, John W., assignor.)						
Stanton, George R., Decatur, Ill. Fountain-brush.	848,700	Apr. 2	161	34	127	1628
Stanton, Henry, assignor of one-half to J. D. Blakemore, Barnesville, Ohio. Steam-boiler.	858,423	July 2	89	25	129	31
Stanton, Patrick M., Troy, N. Y. Ash-sifter.	848,270	Mar. 26	5119	1117	127	1381
Stanton, William H., Chicago, Ill. Flying shears for rod or bar mills.	871,532	Nov. 19	2931	731	131	844
Staples, Albert F., Brockton, Mass. Cash-recorder.	856,374	June 11	1856	381-2	128	2200
Staples, Albert F., Brockton, Mass., assignor to McCaskey Register Company, Alliance, Ohio. Manifold book or pad.	855,997	June 4	1068	222	128	1964
Staples, Albert F., Dorchester, assignor of one-half to C. W. Potter, Waltham, Mass. Spring-hinge.	864,932	Sept. 3	265	70	130	84
Staples, Albert F., Boston, and C. W. Potter, Waltham, Mass. Account-register.	870,594	Nov. 12	1123	307-8	131	396
Staples, Albert F., Brockton, and C. W. Potter, Waltham, Mass., assignors to McCaskey Register Company, Alliance, Ohio. Account-register.	853,651	May 14	2583	537	128	696
Staples Coal Company. (See Hammond, John W., assignor.)						
Staples, George B., Philadelphia, Pa. Tile.	850,271	Apr. 16	3174	663	127	2471
Staples, George B., Philadelphia, Pa. Tile.	850,272	Apr. 16	3175	663	127	2471
Staples, George B., Philadelphia, Pa. Tile or stair-tread.	850,273	Apr. 16	3177	664	127	2471
Staples, George B., Philadelphia, Pa. Tile.	850,274	Apr. 16	3178	664	127	2472
Staples, George B., Philadelphia, Pa. Tiling.	850,275	Apr. 16	3180	664	127	2472
Staples, Henry. (See Castonguay, Leger J., assignor.)						
Stapleton, B. S., et al. (See Hill, John W., assignor.)						
Stapleton, Charles W., New York, N. Y. Vehicle-wheel.	874,708	Dec. 24	4926	1034	131	2057
Stapley, William S., assignor to Bridgeport Brass Company, Bridgeport, Conn. Mode of attaching pump-tubes to bases.	847,617	Mar. 19	3827	837	127	1027
Stapley, William S., assignor to Bridgeport Brass Company, Bridgeport, Conn. Tire-pump.	855,026	May 28	5352	1111-12	128	1464
Stapley, William S., assignor to Bridgeport Brass Company, Bridgeport, Conn. Cartridge-clip.	866,080	Sept. 17	2082	580	130	710
Stapp, David W., Phillipsburg, Kans. Draft device.	857,211	June 18	3448	728	128	2639
Stapp, Frederick. (See Swaney, Fletcher D., assignor.)						
Stapp, Orrill V., Seattle, Wash. Platen-gage.	873,183	Dec. 10	1835	384	131	1487
Star Brass Manufacturing Co. (See Webster, George A., assignor.)						
Star Brass Manufacturing Company. (See Fernald, Charles F., assignor.)						
Stare, Frank T., Waukesha, Wis., assignor to American Dehydrating Company. Dehydrating apparatus.	872,026	Nov. 26	3984	957-8	131	1036
Stare, Frank T., Waukesha, Wis., assignor to American Dehydrating Company. Air-drier.	872,027	Nov. 26	3988	958	131	1036
Stark, Charis W., Mountain Lake, Minn. Wire-reel.	854,117	May 21	3569	736-7	128	980
Stark, Summerfield B., Newsite, Ala. Harrow.	853,523	May 14	2325	484	128	630
Stark, William F., New York, N. Y., assignor of one-half to J. English, New Haven, Conn. Beer-service apparatus.	857,843	June 25	4679	993	128	2950
Starkwather, Oakley B., Grand Rapids, Mich. Drawer-guide.	840,874	Jan. 8	2170	479	126	594
Starkwather, Oakley B., Grand Rapids, Mich. Attachment for sewing-machine tables.	840,875	Jan. 8	2171	479	126	594
Starkwather, Oakley B., Grand Rapids, Mich. Bed-lounge.	857,315	June 18	3639	770	128	2688
Starley, Harold M., Coventry, England. Vehicle-wheel.	873,911	Dec. 17	3267	697-8	131	1762
Starling, Robert W., Berrian county, Ga. Guano-distributor.	855,593	June 4	284	57	128	1768
Starnes, Gettis E., Dunkirk, Ohio. Railway-crossing.	850,688	Apr. 16	3997	836-7	127	2682
Starnes, Green R., assignor of one-half to H. C. Little, Charlotte, N. C. Stone-crusher.	875,633	Dec. 31	6864	1432	131	2380
Starr, Andrew M., Hollywood, Cal. Swing power transmission.	848,214	Mar. 26	5000	1092	127	1350
Starr, Fred, San Francisco, Cal. Wave-motor.	840,460	Jan. 1	1352	299-300	126	352
Starr, Fred, San Francisco, Cal. Clutch.	842,841	Jan. 29	6241	1317	126	1734
Starr, Hillyard A., East Chattanooga, Tenn. Stove-top member.	853,524	May 14	2326	484-5	128	630
Starr, Hillyard A., East Chattanooga, Tenn. Damper mechanism.	856,107	June 4	1247	262	128	2007
Starr, Hillyard A., assignor to Chattanooga Implement and Manufacturing Company, East Chattanooga, Tenn. Baling-press.	841,735	Jan. 22	3885	843	126	1111
Starr, John E., New York, N. Y. Air-cooler or surfacer.	869,747	Oct. 29	4007	1107	130	2638
Starr, Zadock B., Gloversville, N. Y. Power-transmitting mechanism.	860,262	July 16	2988	816	129	1053
Starrett, Aaron E., Kellogg, Iowa. Marker for corn-planters.	844,290	Feb. 12	2855	608	126	2541
Starrett, Danvill W., Oakland, Cal. Steam-actuated valve.	870,391	Nov. 5	836	222	131	275
Starrett, Laroy S. (See Adell and Starrett.)						
Starrett, Laroy S., assignor to L. S. Starrett Co., Athol, Mass. Caliper-square.	862,672	Aug. 6	953	256	129	2378
Starrett, Laroy S., assignor to L. S. Starrett Co., Athol, Mass. Magazine screw-driver.	873,625	Dec. 10	2697	570	131	1634
Starrett, Laroy S., and J. A. Adell, assignors to L. S. Starrett Co., Athol, Mass. Spindle-lock for micrometer-gages, &c.	873,626	Dec. 10	2699	570	131	1635

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Stas, Livin, Tacoma, Wash. Car-stake.....	858,834	July 2	828	215	129	286
Stasch, Emil R., Corning, N. Y. Roof-joint.....	841,276	Jan. 15	2987	650	126	847
Stasch, Emil R., Corning, N. Y. Corrugating-mandrel.....	841,277	Jan. 15	2988	650	126	847
Stasch, Emil R., Corning, N. Y. Corrugating-machine.....	862,210	Aug. 6	166	46	129	2135
Stasinski, Joseph. (See Zegarow, Alexander, assignor.)						
Stassart, Joseph M., assignor to J. H. Keating, Portland, Ore. Non-refillable bottle.....	853,939	May 14	3195	654	128	849
State, Will C., assignor to Goodyear Tire and Rubber Company, Akron, Ohio. Collapsible core.....	865,064	Sept. 3	478	132	130	144
Staub, Bernard, New York, N. Y. Fire and burglar alarm.....	856,924	June 11	2884	604	128	2456
Staub, Jacob, assignor of one-half to W. Robbins, Hinsdale, Ill. Starting mechanism for hydrocarbon-engines.....	855,909	June 4	912	189	128	1924
Staub, Nicolaus, Schiffweiler, Germany. Boring-bit.....	852,745	May 7	743	146	128	194
Staudacher, Joseph, Butler, Pa. Refrigerator.....	843,044	Feb. 5	406	88	126	1895
Stauder, Edwin G., Minneapolis, Minn. Measuring and weighing machine.....	869,335	Oct. 29	3346	920-2	130	2437
Staudt, Jacob, Bonn, Germany. Manufacturing artificial stone.....	850,689	Apr. 16	3999	.....	127	2682
Staudt, John F., Staudtsville, Pa. Heating system.....	854,969	May 28	5225	1088	128	1434
Stauffer, Benjamin B., Wichita, Kans. Grain-transferring device.....	841,465	Jan. 15	3355	725-6	126	942
Stauffer, Frank E., Chicago, Ill. Beer-bung.....	841,348	Jan. 15	3142	678	126	888
Stauffer, Henry D., Oregon, Ill. Insulator.....	854,315	May 21	3936	813	128	1079
Stanton, Gray, Chicago, Ill. Valve for hermetically-closable jars.....	873,627	Dec. 10	2700	570	131	1635
Stavenik, Victor, and J. Mautz, Mansfield, Ohio. Tube-expander.....	854,118	May 21	3571	737	128	981
Sté, Electro Metallurgique Française. (See Héroult, Paul L. T., assignor.) (Reissue.)						
Stead, John C., London, England. Apparatus for the manufacture of carbon dioxid.....	872,588	Dec. 3	572	119	131	1255
Stearling, Martin M., Missoula, Mont. Trousers-guard.....	870,392	Nov. 5	837	222	131	276
Stearns & Co., E. C. (See Schneeloch, August, assignor.)						
Stearns, Henry A., Jr., Milford, Mass. Machine for polishing rings.....	847,445	Mar. 19	3462	759	127	931
Stearns, Kent K. (See Ball, Robert R., assignor.)						
Stearns, Walter A., Louisville, Ky. Bell-ringing mechanism.....	869,665	Oct. 29	3888	1069-70	130	2603
Stearns, William F., Batavia, N. Y. Vulcanized joint for vehicle-tires.....	840,593	Jan. 8	1635	359	126	462
Stearns, William F., Batavia, N. Y. Apparatus for molding crescent fillers for tires.....	860,263	July 16	2990	817	129	1053
Stebbins, Eugene, Spencer, Iowa. File for papers.....	858,115	June 25	5258	1116	128	3126
Stebbins, Albert H., Little Rock, Ark. Coffee-pot.....	857,844	June 25	4681	993	128	2980
Stebbins, Albert H., Little Rock, Ark. Ore-concentrating machine.....	859,024	July 2	1113	296	129	379
Stebbins, Chester. (See Sprich, Emil M., assignor.)						
Stebbins, Frank E. (See Wright and Stebbins.)						
Stebbins, George S., Springfield, Mass. Clothes-drying frame.....	840,267	Jan. 1	961	209	126	260
Stebbins, Roswell O., New York, N. Y. Combined drinking-cup and filter.....	855,820	June 4	729	151	128	1880
Stebbins, Rowland, New York, N. Y. Regulation of electric motors.....	849,582	Apr. 9	1928	395	127	2114
Stebbins, Walter A., and H. Bergstrom, assignors to American Specialty Company, Denver, Colo. Turn-down-collar folder and shaper.....	847,521	Mar. 19	3602	794-5	127	969
Steber, Bernard T., assignor to Steber Machine Company, Utica, N. Y. Fabric-take-up mechanism for knitting-machines.....	850,855	Apr. 16	4315	906	127	2761
Steber, Bernard T., assignor to Steber Machine Company, Utica, N. Y. Knitted fabric.....	865,279	Sept. 3	788	225	130	238
Steber, Henry A., Utica, N. Y. Mold for concrete.....	853,837	May 14	2970	609-10	128	794
Steber Machine Company. (See Steber, Bernard T., assignor.)						
Stebler, Fred, et al. (See Bowman, Homer C., assignor.)						
Stebler, Hermann, assignor to Firm of Färberei- & Appretur-Gesellschaft (vormals A. Clavel & Fritz Lindenmeyer), Basel, Switzerland. Centrifugal machine.....	859,346	July 9	1604	426	129	573
Stecher, Charles. (See Coleman and Stecher.)						
Stecher, Charles. (See Fulford and Stecher.)						
Steckel, Archibald W. F., assignor to J. A. Jeffrey, Columbus, Ohio. Car-haul.....	844,291	Feb. 12	2857	609	126	2542
Stecker, Alfred J., assignor to Eureka Vibrator Co., Detroit, Mich. Vibrator.....	855,594	June 4	285	58	128	1768
Stedham, William H., and J. N. Miller, Royce City, Tex. Punch.....	850,803	Apr. 16	4194	880	127	2730
Stedman, Arthur, assignor to M. A. Hunt & Co., Cincinnati, Ohio. Spring structure.....	853,380	May 14	2058	426	128	560
Stedman, William H., assignor to Merrow Machine Company, Hartford, Conn. Trimming device for sewing-machines.....	846,065	Mar. 5	714	149	127	183
Stedman, William H., assignor to Merrow Machine Company, Hartford, Conn. Sewing-machine slack-thread controller.....	854,119	May 21	3572	737	128	981
Steedman, George F., St. Louis, Mo. Regulated hoist.....	840,876	Jan. 8	2172	479-80	126	594
Steedman, George F., St. Louis, Mo. Fluid-actuated cushioned hoist.....	840,877	Jan. 8	2178	490-1	126	596
Steedman, George F., St. Louis, Mo. Elevator.....	841,065	Jan. 8	2554	558	126	693
Steedman, George F., St. Louis, Mo. Fluid-actuated regulated cushioned hoist.....	845,827	Mar. 5	182	35	127	48
Steedman, George F., St. Louis, Mo. Valve control for pneumatic elevators.....	848,271	Mar. 26	5120	1117-18	127	1381
Steel, Abraham P., assignor of one-half to E. A. Davison, Stockton, Cal. Nut-lock.....	859,785	July 9	2260	614	129	786
Steel Cable Engineering Company. (See Wilson, John L., assignor.)						
Steel Gain Manufacturing Company. (See Yaxley, Ernest E., assignor.)						
Steel Heddie Manufacturing Company. (See Fehr, William, assignor.)						
Steel, John W., and J. C. Titus, Norfolk, Va. Machine for stemming peanuts.....	865,445	Sept. 10	1060	303	130	351
Steel Products Company. (See Goe, David E., assignor.)						
Steel, Will, Texarkana, Ark. Combined fan and score-card.....	847,522	Mar. 19	3606	795	127	970
Steele, Benjamin M., assignor to Ben Steele Weigher Manufacturing Company, Peoria, Ill. Grain-weighing machine.....	849,026	Apr. 2	812	168	127	1794
Steele, Benjamin M., assignor to Ben Steele Weigher Manufacturing Company, Peoria, Ill. Conveyor.....	853,652	May 14	2587	537-8	128	697
Steele, David R., Curtis Bay, assignor of one-half to H. D. Harvey, Baltimore, Md. Furnace.....	845,591	Feb. 26	5687	1205	126	3320
Steele, Edgar W., and A. C. Shuster, Edna, Cal. Wall construction.....	872,262	Nov. 26	4449	1057	131	1112
Steele, Herbert H., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.....	859,529	July 9	1863	501	129	657
Steele, John W., Fresno, Cal. Wire cleat.....	849,930	Apr. 9	2557	530	127	2275
Steele, Joseph A., et al. (See Horn, Emil, assignor.)						
Steele, Lawrence C., Pittsburg, Pa. Tinning or coating metal sheets.....	854,006	May 21	3330	684	128	923
Steele, Lawrence C., Pittsburg, Pa. Machine for making expanded metal.....	855,636	July 2	491	126-7	129	171
Steele, Lawrence C., Wheeling, W. Va., assignor to American Sheet & Tin Plate Company, Pittsburg, Pa. Coating metal sheets.....	850,548	Apr. 16	3711	776	127	2611
Steele, Oliver C., et al. (See Bell, Enos T., assignor.)						
Steele, Robert W., Twin Falls, Idaho. Weed-cutter.....	847,125	Mar. 12	2802	619-20	127	737
Steely, Charles M., Philadelphia, Pa. Hen's nest.....	847,029	Mar. 12	2633	579	127	698
Steenerson, Halvor, Crookston, Minn. Swimming-mask.....	858,786	July 9	2261	614	129	786
Steenstrup, Olaf N., Mabel, Minn. Holding-pliers.....	853,426	May 14	2125	443	128	578
Steenstrup, Peter S., Newark, assignor to Hyatt Roller Bearing Company, Harrison, N. J. Roll-mounting for roller-bearings.....	859,347	July 9	1606	426	129	574
Steele and Company, George N. (See Steere, George N., assignor.)						
Steere, George N., assignor to G. N. Steere and Company, Cranston, R. I. Hat-pin.....	846,518	Mar. 12	1618	359	127	440
Steffe Perry, Missoula, Mont. Appliance for shifting the point of application of the weight on the trucks of cars and the like.....	850,804	Apr. 16	4196	881	127	2731

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Steffen, Alfred P., <i>et al.</i> (See Runge, Franz, assignor.)						
Steffen, Carl, Vienna, Austria-Hungary. Treatment of beet-root, &c.	847,126	Mar. 12	2805	620	127	739
Steffin, Albert, assignor to Pairpoint Corporation, New Bedford, Mass. Glass shade.	859,625	July 9	2019	545	129	707
Steffin, O. A., <i>et al.</i> (See Andrews, William, assignor.)						
Stegmaier, Philip M., Plymouth, Mass. Appliance for cord and rope machines.	844,971	Feb. 19	4453	951	126	2971
Steiber, Charles F., New York, N. Y. Machine-rolls.	851,451	Apr. 23	5484	1148	127	3094
Steiber, Charles F., New York, N. Y. Stringer for staircases.	853,134	May 7	1532	319	128	387
Steidel, Oscar. (See Johnson and Steidel.)						
Steigle, Jacob T., <i>et al.</i> (See Shelton, Mark, assignor.)						
Steimer, Theodore C., Buckhannon, W. Va. Sectional mold.	851,904	Apr. 30	6413	1339	127	3360
Steimer, Theodore C., Buckhannon, W. Va. Glass gathering and pressing machine.	870,649	Nov. 12	1232	334-5	131	436
Stein, Abraham. (See Lovejoy, John, F., assignor.)						
Stein, Anton, Santa Rosa, Cal. Attachment for bath-tubs.	861,916	July 30	5576	1540	129	1946
Stein, David. (See Balla and Stein.)						
Stein, David J., Butzbach, Germany. Fan attachment for rocking-chairs.	870,911	Nov. 12	1657	456	131	569
Stein, Frank J., Davenport, Iowa. Railway-gate.	872,028	Nov. 26	3989	958	131	1037
Stein, George J., Mount Carmel, Pa. Stock-feeder.	849,169	Apr. 2	1124	227	127	1876
Stein, George W., Washington, D. C. Fly-trap.	866,398	Sept. 17	2254	709	130	857
Stein, Jacob. (See Simpson and Stein.)						
Stein, Jacob M., Washington, D. C. Garment-hanger.	847,211	Mar. 12	2986	658	127	785
Stein, Jacob M., Washington, D. C. Garment-hanger.	847,212	Mar. 12	2987	658	127	785
Stein, Nicholas S., Philadelphia, Pa. Bed.	852,041	Apr. 30	6750	1403	127	3445
Stein, Philip, San Jose, Cal. Body-heater.	865,131	Sept. 3	561	157	130	170
Stein, Robert C. (See Lott and Stein.)						
Stein, Theodore. (See Kessler and Stein.)						
Steinbecker, Carl. (See Oechelhaeuser and Steinbecker.)						
Steinberg, Max. (See Alsleben, Ernst, assignor.)						
Steinberger, Louis, New York, N. Y. Insulator for leading-in cables, &c.	844,208	Feb. 12	2677	573	126	2496
Steinberger, Louis, New York, N. Y. Telephone-receiver.	847,842	Mar. 19	4289	940	127	1137
Steinberger, Louis, New York, N. Y. Interlocking terminal base.	848,505	Mar. 26	5582	1219	127	1492
Steinberger, Louis, New York, N. Y. Insulator-pin and support therefor.	848,506	Mar. 26	5583	1220	127	1492
Steinberger, Louis, New York, N. Y. Insulating device.	853,743	May 14	2783	572	128	749
Steinberger, Louis, New York, N. Y. High-tension insulator.	853,744	May 14	2785	572	128	749
Steinberger, Louis, New York, N. Y. Horizontal support for conductors.	853,745	May 14	2787	572	128	750
Steinberger, Louis, New York, N. Y. Insulator-pin.	855,261	May 28	5819	1213	128	1584
Steinberger, Louis, New York, N. Y. Spiral-core insulator.	855,262	May 28	5821	1213	128	1585
Steinberger, Louis, New York, N. Y. High-potential insulator.	855,355	May 28	5981	1248-9	128	1624
Steinberger, Louis, New York, N. Y. Telephone-stand.	859,702	July 9	2140	577	129	744
Steinberger, Louis, New York, N. Y. Insulating-strain.	859,703	July 9	2141	578	129	745
Steinberger, Louis, New York, N. Y. Wire-support.	868,368	Oct. 15	1814	510	130	1908
Steinberger, Louis, New York, N. Y. Insulating-fixture.	871,002	Nov. 12	1811	494	131	616
Steindorf, Otto W., Wheeling, W. Va. Tripod.	856,610	June 11	2318	477	128	2315
Steiner, August. (See Steiner, Henry, assignor.)						
Steiner, Charles C., Philadelphia, Pa. Fire-hydrant.	862,593	Aug. 6	838	223	129	2344
Steiner, George A. (See Evans and Steiner.)						
Steiner, George A., and J. Evans, Jr., Salt Lake City, Utah. Basin and bath-tub attachment.	854,184	May 21	3701	765	128	1016
Steiner, Harry A., Pittsburg, Pa. Pen-extractor.	854,610	May 21	4482	935	128	1214
Steiner, Henry, assignor to A. Steiner, Homewood, Ill. Corn harvesting and husking mechanism.	841,822	Jan. 22	4089	879-80	126	1166
Steiner, Max, and M. Brenner, Newark, N. J. Amplifying-horn.	840,967	Jan. 8	2361	518	126	643
Steiner, William, Muskegon, Mich. Insulator-support.	862,211	Aug. 6	167	47	129	2136
Steinhart, Jacob M., Newark, N. J., assignor to J. L. Dinkelspiel, New York, N. Y. Garment-supporter.	852,858	May 7	1006	209	128	256
Steinharter, Joseph J., assignor to Newark Safety Razor Company, Newark, N. J. Safety-razor.	869,748	Oct. 29	4008	1107	130	2639
Steinharter, Joseph J., assignor to Newark Safety Razor Company, Newark, N. J. Safety-razor.	875,008	Dec. 31	5549	1159	131	2179
Steinhauer, Herman O., Bricelyn, Minn. Binder-truck.	868,139	Oct. 15	1446	406-7	130	1797
Steinhauer, Peter, St. Louis, Mo. Steering-gear.	874,709	Dec. 24	4928	1035	131	2057
Steinhoff, Frederick W., assignor to O. H. Seifert, Eddyville, Iowa. Hand brick-machine.	847,618	Mar. 19	3827	837	127	1028
Steinhoff, Henry C. (See Stueben, Christian, assignor.)						
Steinger, Fanny H., New York, N. Y. Fastener for lacing-terminals.	851,703	Apr. 30	6021	1258	127	3256
Steinger, Andrews, Allegheny, Pa. Folding umbrella.	855,142	May 28	5596	1164	128	1525
Steinkamp, Joseph G., Cincinnati, Ohio. Cabinet-kitchen.	866,823	Sept. 24	3182	894	130	1093
Steinman, Balhasar, Scranton, Pa. Rolling window-screen.	870,393	Nov. 5	838	222	131	276
Steinmann, Edward, Bettendorf, and J. W. Schoendelen, Davenport, Iowa. Safety-fuse.	848,326	Mar. 26	5247	1145	127	1412
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Alternating-current dynamo-electric machine.	843,774	Feb. 12	1849	394	126	2291
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Integrating photometer.	849,027	Apr. 2	820	169	127	1797
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Vapor electric apparatus.	850,270	Apr. 16	3173	663	127	2470
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Constant-current generator.	855,484	June 4	83	17-18	128	1716
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Constant-current generator.	855,485	June 4	85	18	128	1716
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Lighting-arrester.	860,997	July 23	4153	1138	129	1465
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Controlling alternating-current motors.	860,998	July 23	4154	1138-9	129	1466
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Induction-motor.	865,617	Sept. 10	1356	384	130	444
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Production of nitrous compounds.	865,618	Sept. 10	1358	384	130	444
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Arc-lamp electrode.	868,502	Oct. 15	2014	562	130	1969
Steinmetz, Charles P., Schenectady, N. Y., assignor to General Electric Company. Turbine.	872,545	Dec. 3	488	102	131	1242
Steinmeyer, Gustav, Sr., St. Louis, Mo. Car-roof construction.	847,708	Mar. 19	4005	875	127	1071
Steinthal, Lena, New York, N. Y. Child's cap.	840,968	Jan. 8	2362	518	126	644
Steinway, Frederick T., New York, N. Y. Case for upright pianos.	855,143	May 28	5597	1164	128	1526
Steitz, Jacob R., Lake, Wis. Potato-planter.	856,309	June 11	1696	352	128	2157
Steljes, Edwin J., London, England. Type-printing telegraph.	842,918	Feb. 5	151	34-5	126	1829
Stell, Alfred, Steeton, near Keighley, England. Bearing for spinning-machine spindles.	846,361	Mar. 5	1272	280	127	320
Stelle, John P., New York, N. Y. Paper-fastener.	843,184	Feb. 5	710	148	126	1973

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Steller, Charles A., Jr., Jersey City, N. J. Fuse or electric cut-out.	843,852	Feb. 12	1996	428	126	2327
Stellwagen, William, assignor to C. W. Stevens, New York, N. Y. Imitation animal-head.	846,519	Mar. 12	1619	359	127	440
Stelter, Francis, Astoria, N. Y. Umbrella-mender.	856,664	June 11	2421	499	128	2334
Stelting, Albert A., assignor to Madison Kipp Lubricator Company, Madison, Wis. Force-feed lubricator.	868,585	Oct. 15	2162	604-5	130	2020
Stem, Allen H. (See Reed and Stem.)						
Stemmler, T. W. (See Lamouroux, Pierre, assignor.)						
Stempel, Edward, Los Angeles, Cal. Sleeping-booth.	851,141	Apr. 23	4834	1019	127	2929
Stempel, Omar A., Clearwater, Fla. Mold.	859,530	July 9	1865	502	129	658
Stenborg, Amandus S., Guelph, Ontario, Canada. Cream-separator.	868,140	Oct. 15	1447	407	130	1798
Stenerson, Peter H., <i>et al.</i> (See Burton, Frederick A., assignor.)						
Stengel, Henry A., Dayton, Ohio. Machine for gathering the edges of mattresses for stitching.	874,451	Dec. 24	4394	926	131	1972
Stenhouse, Adam A., Montreal, Quebec, Canada. Watchcase-pendant.	840,096	Jan. 1	610	132	126	161
Stenius, Charles A., Columbus, Ohio. Preserving-jar.	844,051	Feb. 12	2369	507	126	2418
Stenman, Elis F., Worcester Mass. Shutter-operator.	846,520	Mar. 12	1620	359	127	441
Stenstrom, John P., Brunswick, assignor of two-thirds to A. M. Anderson and A. Peterson, Mora, Minn. Pail-clamp.	855,540	June 4	178	37	128	1739
Stenz, George W., Ashland, Wis. Sieve.	871,647	Nov. 19	3133	778	131	879
Stenzy, August F. P., Baltimore, Md. Garment-buckle.	840,878	Jan. 8	2183	481	126	598
Stenzy, August F. P., Baltimore, Md. Buckle.	869,080	Oct. 22	2866	791	130	2262
Stepanian, Stephen, assignor to J. A. Jeffrey, Columbus, Ohio. Elevator and conveyor.	859,588	July 9	1965	530	129	689
Stephan, Carl. (See Rahtjen and Stephan.)						
Stephan, Johannes, Witzenhausen, Germany. Method and device for making cigar-fillers.	866,233	Sept. 17	2293	641	130	778
Stephens-Adamson Mfg. Co. (See Dull, Raymond W., assignor.)						
Stephens, Albert L., and T. McGrath, assignors of one-half to W. C. Champion, Silver Plume, and P. T. Stephens, Georgetown, Colo. Drill-chuck for use on hammer rock-drills.	864,270	Aug. 27	3375	938	129	3226
Stephens, Alexander R., Jamestown, Mo. Kitchen-cabinet.	842,720	Jan. 29	6010	1266	126	1680
Stephens, Augustus W., Waltham, Mass. Bottle opener and stopper.	848,576	Mar. 26	5717	1251	127	1527
Stephens, Augustus W., Waltham, Mass. Package for implements.	857,767	June 25	4527	955	128	2942
Stephens, Charles B., Granby, Conn. Clock.	866,533	Sept. 17	2726	762	130	914
Stephens, Charles H., Bartlett, Tex. Rail-joint.	849,434	Apr. 9	1616	328	127	2037
Stephens, George B., Sherman, Tex. Compound railway-rail.	850,979	Apr. 23	4546	952	127	2859
Stephens, Lawrence, Macksburg, Ohio. Rope-grab for oil or other drilled wells.	846,157	Mar. 5	899	189	127	229
Stephens, Moye W., <i>et al.</i> (See Stevenson, Fred C., assignor.)						
Stephens, Philip T., <i>et al.</i> (See Stephens and McGrath, assignors.)						
Stephens, Richard. (See Elton and Stephens.)						
Stephens, Thomas J., Juliaetta, Idaho. Wagon-brake.	868,719	Oct. 22	2403	663	130	2119
Stephens, W. W. (See McKenzie, Angus, assignor.)						
Stephens, William, Redding, Cal. Sash-lock.	854,250	May 21	3827	790	128	1049
Stephens, William E., Wallisville, Tex. Drying-kiln.	854,251	May 21	3829	791	128	1050
Stephenson, Charles H., Lynn, Mass. Garbage-receptacle container.	868,820	Oct. 22	2551	703	130	2165
Stephenson, Charles H., Lynn, Mass. Garbage-receptacle container.	868,821	Oct. 22	2553	703-4	130	2165
Stephenson, Charles H., Lynn, Mass. Garbage-receptacle container.	868,894	Oct. 22	2659	735	130	2198
Stephenson, Charles H., Lynn, Mass. Sheet-metal receptacle.	868,895	Oct. 22	2660	736	130	2199
Stephenson & Company. (See Kahn, Nathan E., assignor.)						
Stephenson, Errett B., Wawaka, Tex. Window-shade.	875,129	Dec. 31	5784	1207	131	2218
Stephenson, Harry, <i>et al.</i> (See Spence, Harry, assignor.)						
Stephenson, Irwin W., Eldon, Iowa. Combined check-valve and stop-cock.	859,145	July 2	1285	342	129	434
Stephenson, John W., Toledo, assignor to National Malleable Castings Company, Cleveland, Ohio. Journal-box lid.	863,560	Aug. 13	2291	626-7	129	2828
Stephenson, Leonard D. (See Boole and Stephenson.)						
Stephenson, Robert E., Indianapolis, Ind. Engine-valve-setting device.	870,205	Nov. 5	522	142	131	170
Stephenson, Thomas B., Belle Plaine, Kans. Combined scriber and pencil-holder.	850,189	Apr. 16	3035	634	127	2234
Sterkel, Otto, Ravensburg, Germany. Air-cooling apparatus.	862,767	Aug. 6	1098	296	129	2419
Sterling Co. (See Crofut, Frank V., assignor.)						
Sterling Lubricator Company. (See Buckley and Sherry, assignors.)						
Sterling Lubricator Company. (See Sherry, John, assignor.)						
Sterling Manufacturing Company. (See Platt, John W., assignor.)						
Sterling-Meaker Company. (See Gierding, Charles E., assignor.)						
Sterling, Rufus T., assignor of one-half to A. J. Swearingen, San Antonio, Tex. Cotton-chopper.	847,380	Mar. 19	3328	731	127	897
Sterling Specialty Company. (See Houtsinger and Stilson, assignors.)						
Sterling Wheelbarrow Company. (See Baker and Smith, assignors.)						
Sterling Wheelbarrow Company. (See Smith and Baker, assignors.)						
Stern, Eugene W., New York, N. Y. Ferry-bridge.	848,862	Apr. 2	542	106-7	127	1729
Stern, Georg, Berlin, Germany, assignor to General Electric Company. Control of separately-excited generators.	866,081	Sept. 17	2083	580	130	710
Stern, Isidore, New York, N. Y. Reinforce and backing for artificial teeth.	848,863	Apr. 2	546	108	127	1729
Stern, Julius, New York, N. Y. Game apparatus.	858,918	July 2	949	247	129	326
Stern, Lionel M., Cleveland, Ohio. Agitator.	857,683	June 25	4356	921	128	2898
Stern, Louis M. (See Ecker, Maurice, assignor.)						
Stern, Maurice, Philadelphia, Pa. Revolver.	859,990	July 16	2589	705	129	921
Stern, Maurice, assignor of one-half to L. Moskowitz, Philadelphia, Pa. Revolver.	845,274	Feb. 26	5079	1079	126	3171
Stern, Philip K., New York, N. Y. Safety-razor.	875,130	Dec. 31	5786	1208	131	2218
Sternhaman, John, Jr., Springfield, Ill. Screw.	870,059	Nov. 5	291	80	131	99
Sternberg, Marc, Philadelphia, Pa. Hose-supporter.	874,132	Dec. 17	3761	791	131	1834
Sternberg, Marc, Philadelphia, Pa. Spring-clasp.	874,632	Dec. 24	4764	1002	131	2031
Sternberg, Marc, assignor to Metallic Specialty Manufacturing Company, Philadelphia, Pa. Riveting-machine.	865,132	Sept. 3	562	157-8	130	171
Sterne Bros. Company. (See Sterne, Charles E., assignor.)						
Sterne, Charles E., assignor to Sterne Bros. Company, San Diego, Cal. Hoist.	864,492	Aug. 27	3703	1032	129	3332
Steskel, John, assignor to H. Waterman, New York, N. Y. Back plate for oil night-lamps.	863,951	Aug. 20	2890	795	129	3049
Stetler, Daniel E., Medford, Okla. Ter. Gate-latch.	861,406	July 30	4809	1319	129	1713
Stetler, Daniel E., Medford, Okla. Ter. Gate-post.	870,696	Nov. 12	1305	357	131	459
Stetson, Frank H., Lawrence, Mass., assignor to U. S. Bobbin & Shuttle Co., Providence, R. I. Loom-shuttle.	843,912	Feb. 12	2123	454	126	2359
Steuer, Frederick W., Plainfield, N. J. Clothes-line hanger.	854,611	May 21	4483	935	128	1214
Stevens, Ansel, Westbrook, Me., assignor to McCaskey Register Company, Alliance, Ohio. Credit-accounting appliance.	867,617	Oct. 8	599	170	130	1516
Stevens, Arthur D., Jacksonville, Fla. Valve.	866,399	Sept. 17	2545	710	130	857
Stevens, Arthur D., assignor of one-half to M. Sabel, Jacksonville, Fla. Apparatus for deodorizing closets.	866,400	Sept. 17	2546	710	130	858

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Stevens, Arthur D., and W. W. Acheson, Jacksonville, Fla., assignors to Victoria Turpentine Machine Company. Still.....	864,208	Aug. 27	3284	910-11	129	3198
Stevens, Arthur J. (See Stocking, Clark I., assignor.)						
Stevens, Augustus R. (See Mathers and Stevens.)						
Stevens, Bertha G. (See Stevens, Calvin G., assignor.)						
Stevens, Brainerd W., and W. Hanson, Pinole, assignors to California Powder Works, San Francisco, Cal. Wad-stamping device.....	845,486	Feb. 26	5515	1168	126	3277
Stevens, Byron, Oakland, Cal. Turbine.....	875,131	Dec. 31	5788	1208	131	2219
Stevens, Calvin G., assignor to B. G. Stevens, Osborne, Kans. Monocular camera.....	862,354	Aug. 6	399	110	129	2208
Stevens, Charles S., Conneaut, Ohio. Garden implement.....	857,684	June 25	4359	921	128	2900
Stevens, Charles W. (See Brown, James F., assignor.)						
Stevens, Charles W. (See Stellwagen, William, assignor.)						
Stevens, Charles W., Elizabeth, N. J. Machine for forming hats.....	843,638	Feb. 12	1613	342	126	2231
Stevens, Charles W., East Orange, N. J. Machine for forming hats.....	843,639	Feb. 12	1616	342-3	126	2232
Stevens, Charles W., East Orange, N. J. Apparatus for shaping hat-crowns.....	843,640	Feb. 12	1621	343	126	2234
Stevens, Charles W., East Orange, N. J. Wire-hat-frame machine.....	861,326	July 30	4662	1274	129	1666
Stevens, Charles W., Jr., New Brunswick, N. J. Garment-hook eye.....	857,369	June 18	3744	792	128	2714
Stevens, Chauncey N., South Gilboa, N. Y. Horseshoe.....	873,966	Dec. 17	3378	769	131	1780
Stevens, Clifton D., Muskegon, Mich. Refuse-burner.....	843,971	Feb. 12	2224	475-6	126	2385
Stevens-Duryea Company. (See Remington, William M., assignor.)						
Stevens, Ernest, Chicago, Ill. Valve-jack.....	852,145	Apr. 30	6939	1449	127	3491
Stevens, Frank H. (See Hitchcock, Fred, assignor.)						
Stevens, Frank N., Rutherford, N. J. Tire-plug.....	852,986	May 7	1263	262	128	322
Stevens, Frederick A., Providence, R. I. Lens-case.....	860,264	July 16	2991	818	129	1054
Stevens, George E., Lynn, Mass., assignor to General Electric Company. Connector for electric conductors.....	849,028	Apr. 2	823	169	127	1798
Stevens, George E., Lynn, Mass., assignor to General Electric Company. Bucket for turbines.....	863,113	Aug. 13	1642	440	129	2626
Stevens, George E., Lynn, Mass., assignor to General Electric Company. Electric heater.....	869,464	Oct. 29	3554	974	130	2504
Stevens, George J., London, England, assignor, by mesne assignments, to American Attachment Company, Portland, Me. Attachment for sewing-machines.....	865,321	Sept. 3	860	247	130	261
Stevens, George J., London, England, assignor, by mesne assignments, to American Attachment Company, Portland, Me. Attachment for sewing-machines for producing felling, blindstitching, &c.....	869,990	Nov. 5	186	49	131	65
Stevens, George J., London, England, assignor, by mesne assignments, to American Attachment Company, Portland, Me. Combined presser-foot and guide for sewing-machines.....	871,454	Nov. 19	2764	696	131	818
Stevens, George W., Boston, Mass. Mold.....	859,704	July 9	2142	578	129	745
Stevens, Irving D., Chicago, Ill. Fountain shaving-brush.....	870,257	Nov. 5	603	161	131	197
Stevens, John H., Cambridge, Mass. Water-closet.....	864,390	Aug. 27	3548	986	129	3279
Stevens, Keturah, Franklin, Ohio. Extension car-step.....	850,072	Apr. 9	2788	587	127	2330
Stevens, Le Roy W. (See Power, Jeffrey J., assignor.) (Reissue.)						
Stevens, Le Roy W., Syracuse, assignor to Advance Furnace Company of America, Utica, N. Y. Electric furnace.....	846,521	Mar. 12	1621	360	127	441
Stevens, Lemuel B., Logansport, Ind. Milking-machine.....	840,969	Jan. 8	2364	518	126	644
Stevens, Orlando W. (See Bourne and Stevens.)						
Stevens, Raymond K., Sidney, Iowa. Automatic gas cut-off.....	852,355	Apr. 30	7310	1537	127	3583
Stevens, Richard C., assignor of one-half to R. D. Stevens, Heflin, Ala. Rail-brace.....	854,252	May 21	3830	791	128	1050
Stevens, Richard D. (See Stevens, Richard C., assignor.)						
Stevens, Richard H., Munhall, Pa. Metal transfer device.....	850,190	Apr. 16	3036	635	127	2432
Stevens, Richard H., Munhall, Pa. Sheet-metal piling.....	866,082	Sept. 17	2084	580-1	130	711
Stevens, Robert C., Indianapolis, Ind. Hand-hole plate for boilers.....	854,061	May 21	3458	713	128	954
Stevens, Robert C., Indianapolis, Ind. Feed-water heater.....	855,486	June 4	86	18	128	1717
Stevens, Robert C., Indianapolis, Ind. Steam-boiler.....	861,774	July 30	5367	1481	129	1882
Stevens, Robert W., Butte, Mont. Machine for cutting butter.....	874,133	Dec. 17	3762	791-3	131	1834
Stevens, Samuel M., Asheville, N. C. Water-back shield.....	860,420	July 16	3231	883	129	1131
Stevens, Schuyler C., Smith Center, Kans. Hen's nest.....	857,213	June 18	3451	728	128	2640
Stevens, Sidney N., North Chelmsford, and E. P. Flanders, Lowell, Mass. Hinge.....	841,596	Jan. 15	3601	782	126	1007
Stevens, Thad., et al. (See Harvey, Samuel T., assignor.)						
Stevens, Theodore B., Cleveland, Ohio. Spring-latch.....	874,633	Dec. 24	4765	1002	131	2031
Stevens, Thornton, near Floresville, Tex. Self-filling fountain-pen and locking device therefor.....	860,839	July 23	3881	1062	129	1377
Stevens, William, Keown, Pa. Toy.....	849,280	Apr. 2	1324	268	127	1926
Stevens, William C., assignor to Crown Drilling Machine Company, Akron, Ohio. Rotary fan-motor.....	865,133	Sept. 3	564	158	130	171
Stevens, William F., Saginaw, Mich. Step-ladder.....	856,108	June 4	1249	263	128	2007
Stevens, William G. (See Myers and Stevens.)						
Stevens, William H., Temple, Tex. Photograph-holder.....	863,114	Aug. 13	1644	441	129	2627
Stevenson, Andrew. (See Freiman and Stevenson.)						
Stevenson, Charles E. (See Watson and Stevenson.)						
Stevenson, Fred C., assignor of one-half to M. W. Stephens and M. H. Smith, Los Angeles, Cal. Check for safe keeping of articles.....	840,168	Jan. 1	764	167	126	207
Stevenson, George W., Reading, assignor of one-half to M. H. Schnader, Lebanon, Pa. Rocker-bar gear for vehicles.....	866,976	Sept. 24	3404	964	130	1162
Stevenson, Henry C. (See Aikman and Stevenson.)						
Stevenson, John S., Detroit, Mich. Vehicle-wheel.....	843,913	Feb. 12	2125	454	126	2360
Stevenson, John W., New York, N. Y., and S. L. Dickinson, Cranford, N. J. Mechanically-operated musical instrument.....	851,185	Apr. 23	4947	1040	127	2959
Stevenson, Robert A., assignor of one-half to N. Stafford Co., New York, N. Y. Inter-changeable-number frame.....	872,769	Dec. 3	942	196	131	1316
Stevenson, Robert T., Aurora, Ill. Can-opener.....	857,212	June 18	3449	728	128	2640
Stevenson, S. Price, Chester, Pa. Door and frame therefor for opening and closing airtight chambers. (Reissue.).....	12,717	Nov. 12	1961	538	131	663
Stevenson, Samuel P., Chester, Pa. Door-fastener.....	872,470	Dec. 3	331	68	131	1218
Stevenson, Theodore A., Lansing, Kans. Burial-vault.....	849,435	Apr. 9	1618	328	127	2038
Stevenson, William, Chicago, Ill., assignor to C. G. Hawley. Journal-box.....	851,324	Apr. 23	5247	1100	127	3035
Stevenson, William, assignor to C. G. Hawley, Chicago Ill. Brake-rod jaw.....	861,775	July 30	5369	1481	129	1883
Stevenson, William A., Northampton, Mass., and A. H. White, Brooklyn, N. Y. Apparatus for screening pulp.....	873,390	Dec. 10	2241	466-7	131	1554
Stevenson, William H., Kibbourn, Wis. Sled-brake.....	862,523	Aug. 6	712	191	129	2307
Stevenson, William H. H., Baltimore, Md. Can-heading machine.....	862,524	Aug. 6	713	191-2	129	2307
Stevenson, William M., Indian Orchard, Mass. Woven fabric.....	870,697	Nov. 12	1306	357	131	459
Stevenson, William M., assignor to Hodges Fiber Carpet Company, Indian Orchard, Mass. Party-colored yarn and making same.....	852,356	Apr. 30	7312	1537	127	3584
Stevenson, William M., assignor to Hodges Fiber Carpet Company, Indian Orchard, Mass. Woven fabric.....	856,925	June 11	2886	604	128	2456

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Stewart, William C., Lynn, Mass., assignor to Manufacturers Machine Company, Montclair, N. J. Boot and shoe sole.	871,968	Nov. 26	3835	928	131	1016
Stewart, William C., Lynn, Mass., assignor to Manufacturers Machine Company, Montclair, N. J. Sole-slashing machine.	871,969	Nov. 26	3836	929	131	1016
Stewart, William J., Belfast, Ireland. Excavating for concrete piles, &c.	872,093	Nov. 26	4121	985	131	1058
Stewart, William R. (See Mence, William H., assignor.)						
Stewart, William S., assignor of one-half to H. J. Day, Bisbee, Ariz. Ter. Oil-burner.	841,597	Jan. 15	3603	783	126	1007
Stickel, Harry C., Star Junction, Pa. Draft-rigging for freight-cars.	855,998	June 4	1070	222	128	1964
Stickle, Cole, assignor to Open Coil Heater & Purifier Company, Indianapolis, Ind. Feed-water heater.	870,060	Nov. 5	292	81	131	99
Stickley, Joseph, Lake Andes, S. D. Harrow attachment.	872,546	Dec. 3	490	102-3	131	1243
Stickney, Marcus A., McDaniel, Md. Farm-gate.	859,626	July 9	2020	545	129	708
Stickney, Albert J., assignor to Herschell-Spillman Company, North Tonawanda, N. Y. Riding-gallery.	850,448	Apr. 16	3522	737	127	2562
Stickney, Burnham C., Elizabeth, N. J. Type-writing machine.	871,151	Nov. 19	2089	562	131	716
Stickney, Burnham C., Elizabeth, assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	842,434	Jan. 29	5376	1137-8	126	1525
Stickney, Burnham C., Elizabeth, assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	843,914	Feb. 12	2127	454-5	126	2360
Stickney, Burnham C., Elizabeth, assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	855,144	May 28	5598	1165	128	1526
Stickney, Burnham C., Elizabeth, assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.	871,374	Nov. 19	2575	659-60	131	790
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	851,142	Apr. 23	4835	1019	127	2930
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	851,143	Apr. 23	4842	1020	127	2933
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Stencil-machine.	853,605	May 14	2490	517	128	673
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Stencil-machine.	853,606	May 14	2493	517-18	128	674
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	855,541	June 4	180	37-8	128	1740
Stickney, Burnham C., Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Stencil-machine.	866,083	Sept. 17	2085	581	130	711
Stickney, Charles A., St. Paul, Minn. Speed-regulator for engines.	844,759	Feb. 19	4074	868-9	126	2876
Stickney, George F., Albany, N. Y. Automatic movable crest for dams.	862,673	Aug. 6	954	206	129	2379
Stickney, James, Bad Axe, Mich. Axle-spindle.	872,030	Nov. 26	3994	959	131	1037
Stidham, Harlan M., New York, N. Y. Garment-supporter or garter.	845,321	Feb. 26	5180	1100	126	3196
Stidworthy, Daniel B., et al. (See Skidmore, Charles, assignor.)						
Stiebel, Ferdinand, Eisenach, Germany. Coin-counting box.	875,388	Dec. 31	6289	1311	131	2301
Stiebel, Harry J., St. Louis, Mo. Carrying and setting-up machine for bottles and the like.	875,009	Dec. 31	5550	1159-60	131	2179
Stiefel, Henry C., assignor to A. and A. Wienand, Jr., Pittsburg, Pa. Cleansing liquid for beer-pipes.	860,768	July 23	3779	1037	129	1343
Stiegelmann, Armand J., and E. Dehnell, assignors to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Bleaching glue.	867,167	Sept. 24	3709	.....	130	1258
Stieglmeyer, John E., assignor to Automatic Train Control Company, Indianapolis, Ind. Automatic locomotive-controller.	871,375	Nov. 19	2578	660	131	791
Stiepel, Friedrich, Essen-on-the-Ruhr, Germany. Coal-cutting machine.	854,612	May 21	4484	935	128	1214
Stiff, Henry C., Johnstown, Pa., assignor to Lorain Steel Company. Derailing-switch.	853,270	May 14	1818	378	128	493
Stiff, Henry C., Johnstown, Pa., assignor to Lorain Steel Company. Switch structure.	853,271	May 14	1819	379	128	493
Stiglitz, William H., Louisville, Ky. Amalgamator.	866,084	Sept. 17	2087	581	130	712
Stilabower, Charles, Nineveh township, Johnson county, Ind. Wagon-jack.	861,776	July 30	5370	1481	129	1883
Stiles, Henry, Bendigo, Victoria, Australia. Cycle-supporting attachment.	862,778	Aug. 6	1099	296	129	2419
Stiles, Wallace C., assignor to Mills Woven Cartridge Belt Company, Worcester, Mass. Snap-fastener.	861,912	July 30	5571	1539	129	1944
Stiles, Wallace C., West Boylston, assignor to Mills Woven Cartridge Belt Company, Worcester, Mass. Snap-fastener.	867,929	Oct. 8	1083	307	130	1663
Still, David, Melton, Oreg. Portable feeder for threshing-machines.	848,577	Mar. 26	5719	1251-2	127	1528
Still, S. S. (See De Vos, Arie, assignor.)						
Still, William J., Ealing, England. Manufacture of tubes.	867,763	Oct. 8	811	229	130	1581
Stillman, George F., deceased; M. D. Stillman, administratrix, assignor to Smith Premier Typewriter Company, Syracuse, N. Y. Type-writing machine.	863,952	Aug. 20	2890	795-6	129	3049
Stillman, Harold B., Philadelphia, Pa. Double-acting sprag for vehicles.	849,512	Apr. 9	1802	365	127	2083
Stillman, Herbert L., West Acton, Mass. Railway.	864,870	Sept. 3	171	49	130	54
Stillman, Mabel D., administratrix. (See Stillman, George F.)						
Stillman, Millicent M., New York, N. Y. Garment-pattern.	847,844	Mar. 19	4292	941	127	1138
Stillwell, Edwin C., Morris, Ill. Neck-yoke center.	862,212	Aug. 6	168	47	129	2136
Stillwell, Lewis B., et al. (See Brinckerhoff, Francis M., assignor.)						
Stilson, Herbert A. (See Houtsinger and Stilson.)						
Stilson Motor Car Co. (See Hollister, Clarence P., assignor.)						
Stilwell, Charles B., Wayne, assignor to Union Paper Bag Machine Company, Philadelphia, Pa. Paper-bag machine.	870,801	Nov. 12	1480	399-406	131	514
Stilwell, Wayne L., Millersburg, Ohio. Means for recording sounds.	856,553	June 11	2200	452	128	2284
Stilz, Harry B., Philadelphia, Pa. Yieldable gear. (Reissue)	12,627	Apr. 2	1471	299	127	1961
Stimmell, John W., Layton, Pa. Folding umbrella.	864,572	Aug. 27	3877	1075	129	3385
Stimpke, Arthur G., Genesee township, Roberts county, S. D. Grass-beater.	851,452	Apr. 23	5487	1149	127	3094
Stimpson, Edward S. (See Smith and Stimpson.)						
Stimpson, Edward S., Hopedale, Mass., assignor to Draper Company, Portland, Me. Automatic shuttle-changing loom with sliding front plate for the shuttle-box.	851,905	Apr. 30	6415	1339	127	3360
Stimpson, Edward S., Hopedale, Mass., assignor to Draper Company, Portland, Me. Shuttle-changing loom with swinging front-plate for the shuttle-boxes.	855,356	May 28	5985	1249	128	1625
Stimpson, Edward S., assignor to Draper Company, Hopedale, Mass. Filling-feeder for filling-replenishing looms.	868,586	Oct. 15	2165	605	130	2021
Stimpson, Edward S., assignor to Draper Company, Hopedale, Mass. Filling-detecting mechanism for looms.	868,947	Oct. 22	2745	757	130	2225
Stimpson, Edward S., Hopedale, Mass., assignor to Draper Company, Portland, Me., and Hopedale, Mass. Thread-cutter for weft-replenishing looms.	872,471	Dec. 3	332	68	131	1219
Stimpson, Edwin B., New York, N. Y. Tire-protector.	858,424	July 2	91	25	129	32
Stimpson, Edwin B., New York, N. Y. Split rivet.	861,327	July 30	4665	1274	129	1697
Stimpson, Edwin B., New York, N. Y. Lacing-stud.	863,233	Aug. 13	1836	493	129	2688
Stimpson, Edwin B., New York, N. Y. Headless rivet.	863,330	Aug. 13	1970	530	129	2730
Stimpson, Edwin B., New York, N. Y. Antiskidding device.	863,331	Aug. 13	1970	531	129	2730
Stimpson, Edwin B., New York, N. Y. Split rivet.	863,463	Aug. 13	2149	580	129	2786
Stimpson, Edwin B., New York, N. Y. Fastener.	867,441	Oct. 1	315	92	130	1411

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Stimpson, Edwin B., New York, N. Y., assignor to Belcher Brothers Company. Measuring instrument.	856,820	June 11	2698	557	128	2412
Stimpson, Edwin B., New York, N. Y., assignor to United States Envelope Co., Worcester, Mass. Envelop-fastener.	860,341	July 16	3109	849	129	1092
Stimpson, Wallace I., Milford, Mass., assignor to Draper Company, Portland, Me. Automatic shuttle-changing loom with sliding front plate for the shuttle-boxes.	853,839	May 14	2976	610	128	796
Stimson, Frank A., Page, N. D. Bridle.	854,677	May 21	4608	960	128	1245
Stimson, Oscar M., Chicago, Ill. Combined freezer and refrigerator car. (Reissue).	12,630	Apr. 9	2899	605-6	127	2356
Stimson, Robert W. (See Gaa, Vincent D., assignor.)						
Stinchfield, Frank E., assignor of one-half to C. P. Smith, Norfolk, Va. Furnace construction.	857,685	June 25	4360	922	128	2900
Stine, Edward L., assignor to Republic Metalware Company, Buffalo, N. Y. Muffle-furnace.	874,452	Dec. 24	4396	926-7	131	1972
Stine, J. C., et al. (See Beck, Harry J., assignor.)						
Stine, Joseph C., Osceola Mills, Pa. Power-fan.	874,805	Dec. 24	5098	1074	131	2087
Stine, Marcus. (See Acker, Charles E., assignor.)						
Stine, Marcus, et al. (See Doerflinger and Buck, assignors.)						
Stine, S. B., et al. (See Beck, Harry J., assignor.)						
Stinson Brothers. (See Schoen, August C., assignor.)						
Stinson, John T., and W. F. Hall, assignors to Planters Seed Company, Springfield, Mo. Display-cabinet.	841,349	Jan. 15	3146	678	126	889
Stinson, William H., De Funiak Springs, Fla. Telephone attachment.	858,637	July 2	494	127	129	172
Stipp, Leroy. (See Brister, William T., assignor.)						
Stirling Consolidated Boiler Company. (See Sneddon, James P., assignor.)						
Stirling, Robert, Surrey, England. Method and apparatus for raising liquids by compressed air.	857,768	June 25	4528	955-6	128	2942
Stirling, Henry, Berkeley, Cal. Car for conveying vehicles and teams.	861,328	July 30	4665	1274	129	1667
Stirton, James E., Monroe, Wash. Paper-rack.	847,523	Mar. 19	3610	795	127	971
Stitt, William R., Belfast, and A. J. Davidson, Crossgar, Ireland. Warp stop-motion for looms.	851,040	Apr. 23	4660	978-80	127	2889
Stitzer, David, assignor of one-half to W. R. Hutchison, Lexington, Ky. Race-starting apparatus.	868,029	Oct. 15	1294	358	130	1752
Stivers, Charles E., Denver, Colo. Dart for blow-guns.	873,628	Dec. 10	2702	570	131	1635
Stivers, George P. J., Philadelphia, Pa. Winding-frame.	851,144	Apr. 23	4850	1020-1	127	2937
Stivers, John O., Denver, Colo. Fuse-box.	868,141	Oct. 15	1448	407-8	130	1798
Stobart, Henry J. S. (See Hendy and Stobart.)						
Stock, Friedrich. (See Lauber and Stock.)						
Stock, Robert, assignor to Buffalo Valve Company, Buffalo, N. Y. Barrel valve and tapping device.	841,350	Jan. 15	3148	678	126	889
Stock, Walter, Solingen, Germany. Christmas-music apparatus.	842,351	Jan. 29	5175	1099-1100	126	1466
Stockbridge, Radford, assignor of one-half to A. W. Beaman, Worcester, Mass. Feeding mechanism for shaping-machines.	864,271	Aug. 27	3376	939	129	3226
Stockell, H. C., et al. (See Brodton, Edward R., assignor.)						
Stockem, Lorenz. (See Askenasy and Stockem.)						
Stöcker, Johann. (See Habersbrüner and Stöcker.)						
Stocker, Julius C., Pittsburg, and D. A. Welsh, Mount Oliver, Pa. Foldable phonograph-horn.	870,698	Nov. 12	1308	358	131	461
Stockfleth, John, San Francisco, Cal. Breast-board for underground mining.	859,627	July 9	2022	546	129	708
Stockham Homogeneous Mixer Manufacturing Company. (See Stockham and Doyle, assignors.)						
Stockham, John E., et al. (See Taylor, James M., assignor.)						
Stockham, William G., and F. L. Doyle, assignors to Stockham Homogeneous Mixer Manufacturing Company, Piqua, Ohio. Mixing-machine.	873,391	Dec. 10	2245	467-8	131	1555
Stockhausen, Julius, Crefeld, Germany. Carbon-tetrachlorid preparation and production.	845,322	Feb. 26	5182		126	3196
Stockhill, George, Fort Keogh, Mont. Rein-holder.	856,554	June 11	2202	453	128	2285
Stockhus, Leonard, et al. (See Winquist, Victor, assignor.)						
Stocking, Bert A., and H. Mendenhall, Audubon, Iowa. Washing-machine. (Reissue).	12,733	Dec. 17	4249	895	131	1915
Stocking, Clark I., assignor of one-half to A. J. Stevens, Hiawatha, Kans. Lightning-arrester.	869,031	Oct. 22	2867	791	130	2262
Stocking, George E., et al. (See Jennings, John, assignor.)						
Stocking, Milton D., Lindenwood, Ill. Storm protection for carriages.	856,375	June 11	1861	382-3	128	2201
Stocking, Milton D., Lindenwood, Ill. Supplemental wheel.	861,618	July 30	5130	1408	129	1813
Stockland, Charles K. (See Ensand and Stockland.)						
Stockmeyer, John. (See Alrich, Henry, assignor.)						
Stocks, Harry B., assignor to Climax Patents Limited, Manchester, England. Power-hammer and means for operating same.	840,668	Jan. 8	1767	388-9	126	496
Stocks, Harry B., and J. R. Webb, Jr., assignors to Climax Patents Limited, Manchester, England. Percussive hand-tool.	845,905	Mar. 5	372	76	127	96
Stockton, Elmer E., and A. H. Porter, assignors to E. Ingraham Co., Bristol, Conn. Alarm-clock.	852,859	May 7	1008	209	128	257
Stockton, Joseph B., John Day, assignor of two-fifths to T. P. Stockton, Mount Vernon, Oreg. Bath apparatus.	871,074	Nov. 12	1908	523	131	647
Stockton, Thomas P. (See Stockton, Joseph B., assignor.)						
Stockton, William A., Eastman, Miss. Cotton-chopper.	865,540	Sept. 10	1233	351	130	402
Stockwell, Benjamin E. (See Kennedy and Stockwell.)						
Stockwell, Elmer E., et al. (See Hackett, John A., assignor.)						
Stockwell, Frederic F., Jr. (See Luther and Stockwell.)						
Stockwell, Frederic F., Jr., Somerville, and H. K. Luther, Newton Center, Mass. Railway-track structure.	873,912	Dec. 17	3269	698-9	131	1762
Stoddard, Charles F., Boston, Mass., assignor to American Pneumatic Service Company, Dover, Del. Carrier for pneumatic-despatch apparatus.	842,352	Jan. 29	5176	1100	126	1466
Stoddard, Charles F., Boston, Mass., assignor to American Pneumatic Service Company, Dover, Del. Pneumatic-despatch apparatus.	842,353	Jan. 29	5178	1100-1	126	1467
Stoddard, Charles F., Boston, Mass., assignor to American Pneumatic Service Company, Dover, Del. Carrier for pneumatic-despatch-tube apparatus.	842,354	Jan. 29	5182	1101	126	1468
Stoddard, Charles F., Boston, Mass., assignor to American Pneumatic Service Company, Dover, Del. Carrier for pneumatic-despatch-tube apparatus.	842,355	Jan. 29	5184	1101-2	126	1468
Stoddard, Charles F., Boston, Mass., assignor to American Pneumatic Service Company, Dover, Del. Pneumatic-despatch-tube apparatus.	869,337	Oct. 29	3352	923	130	2439
Stoddard, Charles F., Boston, Mass., assignor to American Pneumatic Service Company, Dover, Del. Pneumatic-despatch-tube apparatus.	869,338	Oct. 29	3355	924	130	2440
Stoddard, Edward B., Chicago, Ill. Dredging apparatus.	869,273	Oct. 29	3335	891-2	130	2404
Stoddard, Elliott J., Detroit, Mich. Gas-engine.	869,991	Nov. 5	190	49	131	67
Stoddard, Ernest H., Orange, Mass. Manicure implement.	859,467	July 9	1774	476	129	628
Stoddard, Samuel G., Waterbury, Conn. Drawing instrument.	853,381	May 14	2659	426	128	561
Stodden, Thomas W., Hancock, Mich. Door-catch.	853,272	May 14	1820	379	128	494

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Stodders, John W., Morden, Manitoba, Canada. Insect-trap.	852,637	May 7	530	100	128	139
Stodola, Aurel, assignor to Firm of Aktiengesellschaft der Maschinenfabriken von Escher, Wyss & Co., Zurich, Switzerland. Explosion gas-turbine.	861,329	July 30	4666	1275	129	1667
Stoeffler, William J., Philadelphia, Pa. Baker's oven.	862,417	Aug. 6	515	138	129	2247
Stoetzel, Joseph J., Chicago, Ill. Pneumatic transmission system.	856,109	June 4	1250	263	128	2008
Stoetzel, Joseph J., Chicago, Ill. Relief-valve for vacuo-pneumatic-tube systems.	861,549	July 30	5022	1379	129	1780
Stoewsand, Robert C., Chicago, Ill. Combined funnel and measuring-receptacle.	853,427	May 14	2125	444	128	578
Stoffer, Martin J., Capac, Mich. Culvert.	862,292	Aug. 6	307	85	129	2178
Stöhrer, Oscar E. W., Charlottenburg, Germany. Manufacturing nitroglycerin explosives of reduced freezing-point.	855,595	June 4	287	.....	128	1768
Stoker, Albert E., Dallas, Tex. Carbureter.	873,392	Dec. 10	2247	468	131	1555
Stoker, Robert H., Houston, Ohio. Pump.	867,849	Oct. 8	949	270-1	130	1622
Stokes, Arthur H., Grand Junction, Colo. Water-measuring gate.	869,274	Oct. 29	3237	802	130	2405
Stokes, Francis J., Philadelphia, Pa. Still.	861,485	July 30	4922	1352	129	1746
Stokes, John S., Moorestown, N. J. Box-covering blank.	845,205	Feb. 26	4943	1049	126	3137
Stokes, Joseph M., Okene, Okla. Ter. Bowling-pin-setting apparatus.	858,229	June 25	5468	1166-7	128	3181
Stokes and Smith Co. (See Morris, Albert W., assignor.)						
Stokes & Smith Company. (See Garrett, Charles A., assignor.)						
Stokes & Smith Company. (See Smith, Philip S., assignor.)						
Stokoe, Carl E., Grand Haven, Mich. Mold for cement blocks.	857,214	June 18	3453	728	128	2641
Stokoe, John M., Cleveland, Ohio. Lantern.	868,503	Oct. 15	2015	563	130	1969
Stokoe, John W., Jeanerette, La. Rice-huller.	864,209	Aug. 27	3235	911	129	3199
Stokoe, John W., assignor of one-half to H. O. Scranton, Jeanerette, La. Car-stake.	865,448	Sept. 10	1067	304	130	355
Stola, Rocco, New York, N. Y. Wind-power apparatus.	868,370	Oct. 15	1818	511-12	130	1909
Stolkrantz, John W., Buffalo, N. Y. Derrick.	841,066	Jan. 8	2556	558-9	126	694
Stoll, Bruno, Gardena, N. D. Carpenter's tool.	840,268	Jan. 1	963	209	126	260
Stoll, Harry. (See Kasse and Stoll.)						
Stoll, Heinrich, Jr., Reutlingen, Germany. Circular independent-needle knitting machine.	867,764	Oct. 8	813	229-31	130	1582
Stoll, John F., Cuyahoga Falls, Ohio. Surfacing-machine.	874,549	Dec. 24	4609	968	131	2003
Stoll, Thomas A. (See Bodenstein, Albert, assignor.)						
Stollari, Ross H., Los Angeles, assignor of three-fourths to F. C. Foote, Longbeach, Cal. Fluid-pressure engine.	840,394	Jan. 1	1233	269-70	126	324
Stollberg, Charles, Toledo, Ohio, assignor to American Can Company. Bailed sheet-metal keg for white lead or other heavy materials.	853,382	May 14	2060	426	128	561
Stollberg, Charles, Toledo, Ohio, assignor to American Can Company, New York, N. Y. Sheet-metal sap receptacle or vessel.	857,846	June 23	4685	994	128	2981
Stollberg, Charles, Toledo, Ohio, and E. R. Philip, Atlanta, Ga., assignors to American Can Company, New York, N. Y. Sap-receiving apron and receptacle.	857,847	June 25	4686	994	128	2981
Stollberg, Robert, assignor to D. C. Hall and Company, New York, N. Y. Bathing-hood.	840,169	Jan. 1	766	167	126	207
Stoller, Christian, Pinegrove, Wis. Holding-tool.	866,313	Sept. 17	2417	674	130	817
Stolp, Oscar, New York, N. Y. Vehicle-frame.	850,073	Apr. 9	2790	587	127	2330
Stoltenberg, Henry, assignor to White Lily Washer Company, Davenport, Iowa. Gas-engine.	863,234	Aug. 13	1837	494	129	2689
Stoltzfus, John H., Laurel, Miss. Hose-supporter.	843,115	Feb. 5	572	120	126	1941
Stolz, Ernest H. (See Holland, Newman H., assignor.)						
Stolz, Ernest H. (See Holland and Kausser, assignors.)						
Stolz, Friedrich, and F. Flaecher, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Making ortho-dioxyphenylethanolylethylamin.	862,674	Aug. 6	956	.....	129	2379
Stolz, Friedrich, and F. Flaecher, assignors to Farbwerke, vorm. Meister, Lucius & Brüning, Höchst-on-the-Main, Germany. Ortho-dioxyphenylethanolamin.	862,675	Aug. 6	957	.....	129	2379
Stolz, Otto G., Chicago, Ill. Fastening for resilient tires.	872,472	Dec. 3	335	68	131	1219
Stone, Charles H., Buffalo, N. Y. Non-refillable bottle.	869,201	Oct. 22	3116	859	130	2340
Stone, Charles W., Schenectady, N. Y., assignor to General Electric Company. Protective means for parallel feeders.	853,655	May 14	2596	539	128	700
Stone and Company, J. (See Kendal, Ramsey, assignor.)						
Stone, Edward A., Paterson, N. J., assignor to E. C. Ewen, Saginaw, Mich. Flat-iron waxer, cleaner, and rest.	867,442	Oct. 1	317	92	130	1411
Stone, Edward L., Roanoke, Va. Printing-press.	871,831	Nov. 26	3522	861	131	970
Stone, Frank, London, England. Apparatus for automatically playing keyed instruments.	844,052	Feb. 12	2370	507-8	126	2418
Stone, Fred L., Denver, Colo. Display card-rack.	873,184	Dec. 10	1838	384	131	1487
Stone, Fred L., Schenectady, N. Y., assignor to General Electric Company. Speed-limiting device.	849,753	Apr. 9	2231	457-8	127	2192
Stone, Frederick B., assignor of one-half to O. F. Bennett, Salem, Mass. Binder for looms.	856,310	June 11	1697	352	128	2158
Stone, George. (See Bellmaine, William H., assignor.)						
Stone, H. F. (See Granger, William H., assignor.)						
Stone, James B., London, England. Belt-splicer.	864,210	Aug. 27	3286	911	129	3199
Stone, John A., Chicago, Ill., assignor to International Harvester Company. Snapping-rollers for corn-harvesters.	863,812	Aug. 20	2683	740	129	2985
Stone, John S., Boston, assignor to W. W. Swan, trustee, Brookline, Mass. Space telegraphy.	864,272	Aug. 27	3377	939	129	3227
Stone, John S., Cambridge, Mass., assignor to J. A. Chrystie, L. Duncan, and W. H. Turner, New York, N. Y. Device for amplifying electrical currents.	854,120	May 21	3574	737-8	128	981
Stone, Junius H., New York, N. Y. Method of and mechanism for making cork sheets.	842,356	Jan. 29	5186	1102	126	1469
Stone, Martin V. B., Swampscott, Mass. Sandpaper-holder.	846,159	Mar. 5	900	190	127	230
Stone, Melvin L., Lowell, Mass., assignor to Draper Company, Portland, Me. Weft-carrier for weft-replenishing looms.	860,703	July 23	3681	1007	129	1313
Stone, Melvin L., Lowell, assignor to Draper Company, Hopedale, Mass. Rotary magazine for weft-replenishing looms.	873,467	Dec. 10	2372	498-500	131	1581
Stone, Nathaniel B., Outlook, Wash. Turpentine-hack.	843,915	Feb. 12	2128	455	126	2361
Stone, Nathaniel B., Outlook, Wash., assignor of one-half to G. Shilling, Washington, D. C. Fastening means.	840,395	Jan. 1	1236	270	126	324
Stone, Rolla T., Keystone, Wash. Sliding-door fastener.	869,202	Oct. 22	3118	859	130	2341
Stone, Samuel N., Attleboro, Mass. Eyeglass connection.	843,972	Feb. 12	2226	476	126	2385
Stone, Stewart. (See Fyock and Stewart.)						
Stone Telegraph and Telephone Company. (See Cabot, Sewall, assignor.)						
Stone, Walter H. (See Belstner, George J., assignor.)						
Stone, William G., assignor to Enterprise Novelty & Manufacturing Company, Knoxville, Ill. Animal-trap.	869,594	Oct. 29	3768	1032	130	2568
Stone, William P. (See Sartain, Louis M., assignor.)						
Stoneburner, Charles D. (See Tichenor and Stoneburner.)						
Stoneburner, John, Warsaw, Ind. Composite fence-post.	862,355	Aug. 6	401	110	129	2208
Stoneburner, Otto F., Zanesville, Ohio. Door-hanger and track therefor.	845,206	Feb. 26	4944	1049	126	3137
Stoner, Charles, Syracuse, Kans. Washing-machine.	851,453	Apr. 23	5480	1149	127	3094
Stoner, Moses, Warsaw, Ind. Metal and concrete railway-tie and rail-fastening.	866,743	Sept. 24	3057	862	130	1054

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Stoner, Sylvan E., Ottosen, Iowa. Ditch-leveling device.....	854,916	May 28	5130	1067	128	1410
Stonesifer, Mervin E. (See Eppley and Stonesifer.)						
Stoney, George G. (See Parsons and Stoney.)						
Stoney, George G. (See Parsons, Stoney, and Law.)						
Stoops, Edward, Riverside, N. J. Sealed lock for milk-cans.....	862,594	Aug. 6	839	223	129	2344
Stoops, William B., assignor of one-half to G. W. Scott and J. M. McCabe, Coraopolis, Pa. Attachment to swinging scaffolds.....	854,253	May 21	3831	792	128	1051
Stopple, John J., Dallas, Tex. Baling-press.....	844,053	Feb. 12	2372	589	126	2418
Stopple, John J., Dallas, Tex. Baling-press.....	868,142	Oct. 15	1449	408	130	1798
Storer, Ella K., Akron, Ohio. Fly-catcher.....	848,865	Apr. 2	549	108	127	1730
Storer, Norman W., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Speed regulation.....	851,704	Apr. 30	6022	1258	127	3256
Storer, Norman W., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control for electric motors.....	858,425	July 2	92	25	129	32
Storer, Norman W., Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Vehicle control system.....	870,802	Nov. 12	1487	406	131	516
Storer, Norman W., Pittsburg, and W. Cooper, Wilksburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. System of control for electric motors.....	858,481	July 2	204	47	129	76
Storer, Simon B., Syracuse, N. Y. System of electrical distribution.....	854,121	May 21	3576	738	128	982
Storer, Simon B., Syracuse, N. Y. System of electrical distribution.....	854,122	May 21	3580	738-9	128	983
Storer, Simon B., Syracuse, N. Y. Voltage-regulator.....	854,123	May 21	3582	739	128	983
Storer, Simon B., Syracuse, N. Y., assignor to Westinghouse Electric & Manufacturing Company. System of electrical distribution.....	856,430	June 11	1975	406	128	2229
Stork, Albert M., Millers, Nev. Farm-gate.....	867,318	Oct. 1	135	41	130	1355
Stork, John, San Diego, Cal. Window-screen.....	861,059	July 23	4239	1161	129	1491
Stork, Jonas, <i>et al.</i> (See Loewenstein, Maxmilian, assignor.)						
Storkerson, Julius M., La Crosse, Wis. System for party-lines in telephone-exchanges.....	858,767	July 2	697	185	129	242
Storm, Francis, New York, N. Y. Hydrometer testing-jar.....	873,629	Dec. 10	2703	571	131	1635
Storm, George H., New York, N. Y. Folding invalid-chair.....	865,541	Sept. 10	1233	351	130	403
Storm, Ralph, J. F. Underwood, and R. Jackson, Waterloo, Iowa. Registering device.....	874,635	Dec. 24	4771	1003	131	2033
Stormer, Harry S., Johnstown, Pa. Tube and flue cleaner.....	874,258	Dec. 17	4007	846-7	131	1876
Stormer, Peter G., Johnstown, Pa. Eye-testing instrument.....	861,913	July 30	5572	1539	129	1945
Storrs, Fred C., Chicago, Ill. Binder or holder for cards, &c.....	841,823	Jan. 22	4093	880	126	1166
Storrs, Fred C., Chicago, Ill. Sawing-machine.....	847,845	Mar. 19	4294	941	127	1138
Storrs, John S., <i>et al.</i> (See Bishop and Mapes, assignors.)						
Story, Edward L., Everett, Mass. Boiler-covering.....	866,225	Sept. 17	2296	641-2	130	778
Story, John T., New York, N. Y. Heel-cushion.....	840,170	Jan. 1	767	168	126	207
Story, Joseph M., Owasso, Mich. Steam-generator.....	850,191	Apr. 16	3038	635-6	127	2433
Stoskopf, Nettie, Prosper, Minn. Corset attachment.....	849,583	Apr. 9	1931	395	127	2115
Stott, Abraham H. (See Todd and Stott.)						
Stott, James, Oldham, England. Water-heater.....	873,630	Dec. 10	2704	571-2	131	1636
Stott, Jesse A. (See Todd and Stott.)						
Stott, Robert. (See Lennox and Stott.)						
Stott, William, Rochdale, England. Balling-head for condenser carding-engines.....	848,702	Apr. 2	163	34-5	127	1628
Stotts, Edward O., assignor, by mesne assignments, to Ventilated Cushion and Spring Company, Chicago, Ill. Spring structure.....	840,522	Jan. 8	1485	328	126	425
Stotts, Elza S., <i>et al.</i> (See Paulson, Martin, assignor.)						
Stotts, Elza S., and L. O. Dickey, Omaha, Nebr. Electrical block-signal.....	854,970	May 28	5227	1089	128	1434
Stotz, Christian, Bellevue, Ohio. Refrigerator-door.....	844,698	Feb. 19	3943	835	126	2841
Stotz, Hugo, Mannheim, Germany. Insulator.....	851,705	Apr. 30	6024	1259	127	3257
Stoughton, Bradley. (See Lilienberg, Nils H. O., assignor.)						
Stoughton, Luman C., Columbus, Ohio. Shield for type-writers.....	851,325	Apr. 23	5248	1100	127	3035
Stoup, Henry L., Ypsilanti, Mich. Rubber-tire setter.....	865,134	Sept. 3	565	158	130	771
Stout, Ashby G. (See Anderson and Stout.)						
Stout, Franklin B., Baltic, S. D. Draft-equalizer.....	870,480	Nov. 5	959	262	131	311
Stout, George H., assignor, by mesne assignments, to Automobile Parts and Equipment Company, Chicago, Ill. Containing-cell for batteries.....	842,123	Jan. 22	4664	1001-2	126	1302
Stout, James N. (See Carver and Stout.)						
Stout, John S., Oxford Junction, Iowa. Snow-plow.....	845,594	Feb. 26	5691	1206	126	3321
Stout, Robert P., and F. G. Hughes, assignors to Bethlehem Steel Company, South Bethlehem, Pa. Naval landing gun and carriage.....	856,376	June 11	1863	383-4	128	2201
Stout, William H., Dayton, Ohio. Cylindrical box.....	866,236	Sept. 17	2297	642	130	179
Stout, William H. A., Philadelphia, Pa. Trunk-tray support.....	860,581	July 16	3471	954	129	1212
Stout, William W., Somerset, Ind. Cement fence-post.....	874,453	Dec. 24	4397	927	131	1973
Stouthamer, John H. (See Sullivan and Harris, assignors.)						
Stover, Daniel C. (See Stover, Jacob P. and D. C.)						
Stover Engine Works. (See Stover, Jacob P. and D. C., assignors.)						
Stover, Frank E., assignor to G. R. Lynch Manufacturing Company, Chattanooga, Tenn. Acetylene-gas generator.....	853,746	May 14	2790	573-4	128	751
Stover, Frank E., assignor to G. R. Lynch Manufacturing Company, Chattanooga, Tenn. Carbide-feed valve.....	874,351	Dec. 17	4194	883	131	1907
Stover, Frank E., and C. L. Darnall, Chattanooga, Tenn. Acetylene-gas generator.....	875,468	Dec. 31	6448	1347	131	2326
Stover, Jacob P. and D. C., assignors to Stover Engine Works, Freeport, Ill. Means for governing internal-combustion engines.....	859,415	July 9	1708	454-5	129	606
Stowe, Larkin, Pleasant View, Ky. Wall-section for dispensing-boxes.....	869,942	Nov. 5	96	28	131	32
Stowell, Desrie A., assignor to Simplex Time Recorder Company, Gardner, Mass. Time-recorder.....	857,419	June 18	3830	812	128	2735
Stowell, Desrie A., and C. T. Hawley, assignors to Simplex Time Recorder Company, Gardner, Mass. Time-recorder.....	870,061	Nov. 5	294	81-2	131	99
Stowell, Edward R., Adams county, Ind. Reinforcement for cement fence-posts.....	855,999	June 4	1072	223	128	1965
Stowell Manufacturing and Foundry Company. (See Ricker, Adolph J., assignor.)						
Stowell, Shirley M. (See Farnoff, Jay W., assignor.)						
Strack, Lorenz. (See Becker, August M., assignor.)						
Strahl, Philip C. (See Reese, Strahl, and Adams.)						
Strahle, George, Davenport, Iowa. Hog-trough.....	849,281	Apr. 2	1325	269	127	1826
Strahn, O. E. (See Palm, Emil, assignor.)						
Straight, Lee S., Fonda, Iowa. Conveyor.....	874,636	Dec. 24	4778	1003	131	2033
Strain, Ebenezer W., Philadelphia, Pa. Rubber compound and material for use in making same.....	875,298	Dec. 31	6106	-----	131	2272
Strain, Thomas, Fullerton, Cal. Fruit-brushing machine.....	846,160	Mar. 5	902	190	127	230
Strain, Thomas, Fullerton, Cal. Fruit-brushing machine.....	846,161	Mar. 5	903	190	127	230
Strain, Thomas, Fullerton, Cal. Fruit-brushing machine.....	846,162	Mar. 5	905	190	127	231
Strain, William T., assignor of three-fourths to W. H., J., and H. W. Locke, Marion, Ind. Injector.....	851,041	Apr. 23	4663	980	127	2889
Straker, Anton, Chicago, Ill. Freight-car construction.....	861,914	July 30	5574	1539-40	129	1945
Strambini, Giovanni, Truckee, Cal. Aerial cable.....	843,116	Feb. 5	574	120-1	126	1941

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Strand, Carl M. (See Holmer, John, assignor.)						
Strand, George H., Merrill, Wis. Folding chair	860,421	July 16	3232	884	129	1131
Strand Heater Company. (See Strand, Henry, assignor.)						
Strand, Henry, Cleveland, Ohio. Furnace	845,828	Mar. 5	184	36	127	48
Strand, Henry, assignor to Strand Heater Company, Cleveland, Ohio. Furnace	870,322	Nov. 5	707	190	131	231
Strang, Charles F., Seattle, Wash. Ammonia expansion-valve	868,143	Oct. 15	1453	409	130	1800
Strang, James, New York, N. Y. Loose-leaf binder	852,084	Apr. 30	6815	1420	127	3461
Strang, John, Quebec, Quebec, Canada. Dial for watches and clocks	870,481	Nov. 5	960	263	131	312
Strang, Walter C., Yonkers, N. Y. Combined muffler and stove	861,550	July 30	5023	1380	129	1780
Strange, A. A., et al. (See Anderson, William, assignor.)						
Strange, J. T. (See Deutsch, John H., assignor.)						
Stransky, John A., Pukwana, and H. Riley, Viroqua, S. D. Construction of buildings	856,000	June 4	1073	223	128	1965
Strasbaugh, Levi W., deceased; E. E. Hamme, administratrix, York, Pa. Sash-cord clamp	845,035	Feb. 19	4595	978	126	3007
Strasburg, Charles A., Cridersville, Ohio. Automatic firearm	854,771	May 28	4827	1003	128	1331
Strasburg, Frederick E., assignor to Continental Paper Bag Company, Rumford Falls, Me. Paper-bag machine	847,264	Mar. 12	3076	677-80	127	807
Strasburger, Frank C. H., assignor to Bottlers Machinery Manufacturing Company, Chicago, Ill. Filling-machine	869,811	Oct. 29	4096	1131	130	2665
Strasburger, Frank C. H., assignor to Bottlers Machinery Manufacturing Company, Chicago, Ill. Beer-reclaiming machine	871,832	Nov. 26	3524	862	131	970
Strassburger, Ernst, Chicago, Ill. Construction of pliers	851,906	Apr. 30	6417	1340	127	3361
Strassburger, Gustave, New York, N. Y. Tooth-brush	860,840	July 23	3882	1063	129	1378
Strassel, David J., Fond du Lac, Wis. Ribbon-slide	862,213	Aug. 6	169	47	129	2136
Stratifi, James C., Tyrone, Pa. Safety-cock	846,257	Mar. 5	1069	230	127	272
Stratton, Franklin, Providence, R. I. Roller-bearing	869,217	Oct. 22	3141	866	130	2348
Stratton, Franklin, assignor to Stratton Rotating Engine Company, Buffalo, N. Y. Rotating engine	869,032	Oct. 22	2868	792-3	130	2262
Stratton, John H., Holyoke, Mass. Door-latch	873,185	Dec. 10	1839	385	131	1488
Stratton Rotating Engine Company. (See Stratton, Franklin, assignor.)						
Straub, Engelbert A., Rodney, Mich. Imitation tree	843,712	Feb. 12	1741	371	126	2264
Straub, William, Toledo, Ohio. Box	865,280	Sept. 3	789	226	130	238
Straube, Hugo, Dresden, Germany. Lamp for melting sealing-wax	863,464	Aug. 13	2150	580	129	2786
Straubel, Rudolf, assignor to Firm of C. Zeiss, Jena, Germany. Double telescope with support	873,105	Dec. 10	1679	350	131	1462
Straughan, William B. (See Elliott, Loggins, and Straughan.)						
Strauss, Edwin M., Chicago, Ill. Button	853,607	May 14	2496	518	128	675
Strauss, Emil A., Chicago, Ill. Safe-bolt work	859,531	July 9	1867	502-3	129	659
Strauss, Emil A., Chicago, Ill. Key	868,943	Oct. 22	2746	758	130	2225
Strauss, Emil A., Chicago, Ill. Bolt-work mechanism for safe and vault doors	869,992	Nov. 5	191	50	131	67
Strauss, Ferdinand, New York, N. Y. Harmonica	872,589	Dec. 3	575	120	131	1256
Strauss, Maurice M., Chicago, Ill. Shipping package and holder for garments or the like	854,062	May 21	3460	713	128	955
Strauss, Maurice M., Chicago, Ill. Safety attachment for watch-pockets	866,744	Sept. 24	3059	863	130	1055
Strauss, William J. (See Marr, Joseph C., assignor.)						
Straw, Edwin E., Marshfield, Oreg. Tonsillotome	856,927	June 11	2888	605	128	2456
Straw Pulp and Paper Company. (See Conger, John B., assignor.)						
Strawn, Halbert J. (See Irwin and Strawn.)						
Strayer, Eber C., Cresco, Iowa. Refrigerator	846,873	Mar. 12	2327	513	127	622
Strayer, William, Axtell, Kans. Safety-pin	856,821	June 11	2700	557	128	2412
Stream, Edgar L., and W. J. Gibbens, New Orleans, La. Oil-burner	857,496	June 18	3983	847	128	2773
Strean, David C. (See Dial, Robert E., assignor.)						
Street, J. Harry, et al. (See Senter, John F., assignor.)						
Street, Jacob E., San Fernando, assignor of one-half to R. W. Martin, Los Angeles, Cal. Adjustable and portable false work for arches	862,418	Aug. 6	516	138	129	2247
Street, Jacob E., San Fernando, assignor of one-half to R. W. Martin, Los Angeles, Cal. Knockdown adjustable concrete-block machine	862,521	Aug. 6	707	190	129	2305
Streeter, Ada E. (See Ross, Charles R., assignor.)						
Streeter, Herbert A. (See Norden, Emil, assignor.)						
Strehl, John M., Grand Rapids, Mich. Scissors-sharpener	845,487	Feb. 26	5517	1169	126	3278
Streib, John F. (See Lindström and Streib.)						
Streib, John F., Avalon, assignor to Pressed Steel Car Company, Pittsburg, Pa. Car-door mechanism	858,920	July 2	952	248	129	327
Streich, Charles G., Oshkosh, Wis. Front gear for vehicles	843,117	Feb. 5	576	121	126	1942
Streich, Frank, assignor to Triumph Manufacturing Company, Cincinnati, Ohio. Dough dividing and scaling machine	850,074	Apr. 9	2791	587	127	2330
Streich, Frank, assignor to Champion Machinery Company, Joliet, Ill. Spindle-shaper guard	871,533	Nov. 19	2933	732	131	844
Streich, Frank, assignor, by mesne assignments, to Champion Machinery Company, Joliet, Ill. Dough-divider	871,648	Nov. 19	3134	778	131	879
Streich, Frank, assignor, by mesne assignments, to Champion Machinery Company, Joliet, Ill. Long-loaf-molding machine	871,649	Nov. 19	3137	778-9	131	880
Streich, Frank, assignor to Champion Machinery Company, Joliet, Ill. Dough-divider	871,650	Nov. 19	3139	779	131	808
Streich, Frank, assignor to Universal Automatic Carving Machine Co., Chicago, Ill. Automatic carving-machine	872,857	Dec. 3	1139	241	131	1345
Strenge, Oltmann, and W. K., Elizabethfeln, near Augustfeln, Germany. Excavator	855,357	May 28	5986	1249-50	128	1626
Strenge, Wubbo K. (See Strenge, Oltmann and W. K.)						
Stretch, Charles B., Jr. (See Schütz, Conrad, assignor.)						
Stretch, William M., Mount Vernon, N. Y. Card-index system	867,618	Oct. 8	600	110	130	1516
Stretch, William M., Mount Vernon, N. Y. Card-index system	867,930	Oct. 8	1083	307	130	1664
Stribling, E. W. (See Alexander, John F., assignor.)						
Stricker, Charles J., assignor of one-half to Gehret Brothers, Bridgeport, Pa. Level	841,598	Jan. 15	3604	783	126	1007
Strickland, Dwight J. (See Leake, Richard C., assignor.)						
Strickland, Frank, Muskogee, Ind. Ter. Transmission mechanism	844,210	Feb. 12	2681	574	126	2498
Strickland, James L., Westport, Nova Scotia, assignor of fifty-one one-hundredths to H. R. McLellan, St. John, New Brunswick, Canada. Rotary engine. (Reissue)	12,631	Apr. 9	2903	606-7	127	2358
Strickland, Steetman L. (See Edwards, Alexander G., assignor.)						
Strickler, William H., Chicago, Ill. Automatic steering mechanism for vehicles	867,765	Oct. 8	815	232	130	1583
Strickler, William H., Chicago, Ill., assignor to Federal Construction Company. Running-gear for vehicles	843,420	Feb. 5	1148	241	126	2079
Strieby & Foote Co. (See Whittemore, William H., assignor.)						
Stringfield, C. P. (See Gardiner, William, assignor.)						
Stringfield, Cornelius P. (See Gardiner, William, assignor.)						
Stringham, Fred, Manitou, Colo. Separating-machine	865,542	Sept. 10	1235	352	130	403
Strnad, Ferdinand, Schmargendorf, Germany. Self-acting valve for compressors and the like	867,619	Oct. 8	605	171	130	1519
Strobel, Victor O., and A. E. Hogrebe, Philadelphia, Pa., assignors to Niles-Rement-Pond Company, Jersey City, N. J. Variable-speed driving	840,721	Jan. 8	1871	412-13	126	523

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Strobel, Victor O., and A. E. Hogrebe, Philadelphia, Pa., assignors to Niles-Bement-Pond Company, Jersey City, N. J. Traveling crane.....	850,407	Apr. 16	3438	720-1	127	2540
Strodtbeck, Louis, Middletown, Ohio. Automatic alarm device.....	859,147	July 2	1288	343	129	435
Stroh, Freeman W., assignor of one-half to J. E. Millis, Barberton, Ohio. Vise.....	872,310	Nov. 26	4543	1076	131	1127
Stroh, George, <i>et al.</i> (See Drucker, John F., assignor.)						
Stroh, George. (See Rice, Robert, assignor.)						
Stroh, Heinrich, Heilbronn, Germany. Means for impregnating liquids with gas.....	871,245	Nov. 19	2291	599	131	747
Strohbach, Joseph R. (See Dawson and Strohbach.)						
Strom, Axel A., assignor to Pettibone, Mulliken & Co., Chicago, Ill. Railway-frog.....	858,678	July 2	552	142-3	129	191
Strom, John A., Pullman, Ill. Expansion-drum.....	847,446	Mar. 19	3465	759	127	931
Stromberg, Alfred, Chicago, Ill., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Portable combination telephone set.....	854,439	May 21	4169	864	128	1137
Stromberg-Carlson Telephone Manufacturing Company. (See Babcock, Garrison, assignor.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Birsfield, Jules A., assignor.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Conner, Merritt S., assignor.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Haubrich, Alexander M., assignor.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Kahl, Arthur R., assignor.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Kaisling, William, assignor.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Stromberg, Alfred, assignor.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Walsh, Thomas M., assignor.)						
Stromberg-Carlson Telephone Manufacturing Company. (See Webster, Harry G., assignor.)						
Strombom, John V., New York, N. Y. Saw-set.....	853,747	May 14	2796	574	128	752
Stromeyer, Julius, Philadelphia, Pa., and W. W. Morton, Camden, N. J. Brake-shoe.....	866,085	Sept. 17	2091	581	130	714
Strong, Earl T., assignor of two-thirds to J. A. Gibson and E. J. Buckbee, Urbana, Ill. Stay-bolt cutter.....	852,302	Apr. 30	7210	1514	127	3559
Strong, Eli C., and W. R. Paige, Sheffield, England. Diamond-holder.....	864,436	Aug. 27	3625	1008	129	3306
Strong, Hamilton F., Cleveland, Ohio. Filling teeth.....	842,357	Jan. 29	5188	1102	126	1470
Strong, James B., assignor to Ramapo Iron Works, Hillburn, N. Y. Railway-frog.....	872,473	Dec. 3	336	69	131	1220
Strong, John E., Grand Rapids, Mich. Sewing-machine attachment.....	851,186	Apr. 23	4950	1040	127	2960
Strong, William E. S., <i>et al.</i> (See Gray, Almon J., assignor.)						
Strong, Wilmont E., Tacoma, Wash. Bleaching-cabinet.....	848,138	Mar. 26	4876	1064	127	1317
Strootman, John, Buffalo, N. Y. Machine for forming concavities in the top surface of the sole of a made-up shoe or the like.....	845,440	Feb. 26	5404	1147	126	3249
Strope, Ben B., Coshooton, Ohio. Making pictures.....	850,075	Apr. 9	2794	588	127	2331
Strother, George W., assignor of one-half to J. H. Wilson, Jenifer, Ala. Rail-joint chair.....	852,206	Apr. 30	7046	1472	127	3519
Strother, John C., <i>et al.</i> (See Jones, Alva D., assignor.)						
Strother, Robert H., New York, N. Y., assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.....	860,265	July 16	2992	818	129	1054
Strother, Robert H., Montclair, assignor to Union Typewriter Company, Jersey City, N. J. Type-writing machine.....	874,806	Dec. 24	5099	1074-5	131	2088
Strothman, Edward E. and H. L. Superior, Wis. Shaking and dumping grate.....	852,467	May 7	167	30	128	51
Strothman, Herbert L. (See Strothman, Edward E. and H. L.)						
Strouse, William H., assignor to W. H. Strouse Manufacturing Company, Oskaloosa, Iowa. Mechanical stoker.....	840,722	Jan. 8	1873	413	126	523
Strouse, William H., assignor to W. H. Strouse Manufacturing Company, Oskaloosa, Iowa. Mechanical stoker.....	840,723	Jan. 8	1878	414	126	524
Strout, Arthur L., Bar Harbor, Me. Nut-lock.....	844,422	Feb. 19	3136	673	126	2650
Strub, Charles V. (See Odermann and Strub.)						
Struble, Jacob B., Wilkinsburg, assignor to Union Switch & Signal Company, Swissvale, Pa. Electric signaling.....	849,170	Apr. 2	1126	227-8	127	1876
Struble, Jacob B., Wilkinsburg, assignor to Union Switch & Signal Company, Swissvale, Pa. Electric signaling.....	849,171	Apr. 2	1131	228	127	1877
Struble, Jacob B., Wilkinsburg, assignor to Union Switch & Signal Company, Swissvale, Pa. Electric signaling.....	849,172	Apr. 2	1133	228	127	1878
Struble, Jacob B., Wilkinsburg, assignor to Union Switch & Signal Company, Swissvale, Pa. Signaling system for electric railways.....	849,173	Apr. 2	1135	229	127	1878
Struble, Jacob B., Wilkinsburg, assignor to Union Switch and Signal Company, Swissvale, Pa. Relay.....	863,667	Aug. 20	2462	678	129	2914
Struble, Jacob B., New York, N. Y., assignor to Union Switch & Signal Company, Swissvale, Pa. Railway signaling.....	869,531	Oct. 29	3659	1003	130	2534
Struble, Thomas V., Echo Lake, N. J. Adjustable folding horse.....	843,118	Feb. 5	579	121	126	1942
Struck, Nicolai, St. Petersburg, Russia. Machine for automatically grinding spiral or twist drills.....	845,139	Feb. 26	4810	1019-20	126	3103
Struck, Victor F. (See Glorieux and Struck.)						
Struller, Otto, assignor of one-half to F. J. O. Scoda, New York, N. Y. Self-igniting gas-stove.....	874,637	Dec. 24	4780	1004	131	2034
Struntz, Charles A., <i>et al.</i> (See Graham, Frederick S., assignor.)						
Struss, Henry W., New York, N. Y. Wire twisting and cutting tool.....	861,915	July 30	5574	1540	129	1945
Struth, John, and C. Holzapfel, Primrose, Pa. Trolley.....	843,373	Feb. 5	1080	223	126	2063
Struthers, James A., Minneapolis, Minn. Undergarment.....	859,705	July 9	2143	578	129	745
Struthers, Joshua A., assignor of fifty-one one-hundredths to W. R. Beard and J. H. Parker and twenty-four and five-tenths one-hundredths to C. F. Duchanois, Youngstown, Ohio. Combined dynamo-magneto ignition device.....	841,509	Jan. 15	3605	783	126	1008
Stuart, Arthur S. (See French, Erastus S., assignor.)						
Stuart, Benjamin F., Rushville, Mo. Wire-fencing stretcher.....	872,387	Dec. 3	142	27	131	1190
Stuart, Donald, assignor to H. & M. Automatic Regulator Company, Rochester, N. Y. Regulator.....	851,385	Apr. 23	5365	1123	127	3064
Stuart, George J. (See Tanner and Stuart.)						
Stuart, George R., Owensboro, Ky. Automatic switch-throwing device.....	871,455	Nov. 19	2765	697	131	818
Stuart, Herbert A., Perth, Western Australia, Australia. Internal-combustion engine.....	845,140	Feb. 26	4812	1021	126	3104
Stuart, John P., Adelaide, South Australia, Australia. Wheel.....	861,777	July 30	5371	1482	129	1883
Stuart, Joseph, Wilmington, Del. Wheel.....	851,326	Apr. 23	5249	1100	127	3035
Stuart, Joseph, assignor to Lobdell Car Wheel Company, Wilmington, Del. Roll-grinding machine.....	840,879	Jan. 8	2184	481-2	126	598
Stubbers, Joseph, Covington, Ky., assignor to Incandescent Light & Stove Company, Cincinnati, Ohio. Carbureter.....	862,855	Aug. 6	1241	336-7	129	2464

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Stubbers, Joseph, Covington, Ky., assignor to Incandescent Light & Stove Company, Cincinnati, Ohio. Incandescent-lamp fixture.....	875,634	Dec. 31	6866	1432	131	2380
Stubblebine, William, Coraopolis, Pa. Furnace.....	871,651	Nov. 19	3142	779-80	131	881
Stubblefield, Lewis. (See Hopper, Emory, assignor.)						
Stubbs, John W., Middlewick, England, assignor to General Electrolytic Parent Company Limited. Electrode.....	867,319	Oct. 1	137	41	130	1355
Stubbs, O. B., et al. (See Ryan, John H., assignor.)						
Stuber, Joseph, assignor to Stuber & Kuck, Peoria, Ill. Stovepipe-thimble.....	841,736	Jan. 22	3891	844	126	1113
Stuber & Kuck. (See Stuber, Joseph, assignor.)						
Stubert, Henry, assignor of one-half to D. Thomas, New Kensington, Pa. Trundling toy.....	874,134	Dec. 17	3765	793	131	1834
Stüben, Gustav, Erfurt, Germany. Stormproof lamp.....	841,600	Jan. 15	3607	784	126	1008
Stubinger, William F., St. Louis, Mo. Coffee-urn.....	846,163	Mar. 5	906	191	127	231
Stuckey, John C., Elizabeth, N. J. Stop mechanism for talking-machines.....	869,749	Oct. 29	4010	1108	130	2639
Stucki, Arnold, Allegheny, Pa. Volute spring.....	840,027	Jan. 1	466	101	126	126
Stucki, Arnold, Allegheny, Pa. Bushing for railway screw-spikes.....	843,713	Feb. 12	1743	371	126	2264
Stuckle, Henry W. de. (See Ranson, Charles, assignor.)						
Stuey, Henry S., Louisville, Ky. Pipe-coupling.....	845,141	Feb. 26	4814	1021	126	3104
Stuey, Henry S., Louisville, Ky. Pipe-coupling.....	846,704	Mar. 12	1980	435	127	533
Studebaker, Henry B., Pagosa Springs, Colo. Running-gear.....	864,809	Sept. 3	66	19	130	23
Studt, Heinrich. (See Haas and Studt.)						
Stueben, Christian, assignor of one-half to H. C. Steinhoff, Union, N. J. Clothes-drier.....	840,809	Jan. 8	2039	451	126	563
Stuhag, Soren S., New York, N. Y. Hammer.....	856,822	June 11	2700	557	128	2412
Suhlman, Isaac, Chicago, Ill. Sewing-machine guide.....	873,332	Dec. 10	2129	444	131	1536
Stuke, John H., Beardstown, Ill. Saw-set.....	858,835	July 2	830	215	129	287
Stukenborg, Louis C., Browns, Ala. Hose-supporter.....	849,282	Apr. 2	1327	269	127	1926
Stull, Emmett W., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Controller.....	869,812	Oct. 29	4098	1131-2	130	2665
Stull, Emmett W., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Motor-controller.....	852,468	May 7	170	30	128	51
Stull, Emmett W., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Controller-regulator.....	867,168	Sept. 24	3710	1050	130	1258
Stull, Emmett W., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Arrangement for motor-drives.....	871,193	Nov. 19	2173	578-9	131	730
Stull, Emmett W., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. System of motor control.....	871,970	Nov. 26	3840	929-30	131	1016
Stull, Emmett W., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Controller.....	873,805	Dec. 17	3055	649-50	131	1727
Stull, Emmett W., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Controller.....	874,638	Dec. 24	4782	1004	131	2034
Stulp, Fred J., Muskegon, Mich. Ink-well.....	866,824	Sept. 24	3183	894-5	130	1093
Stults, Frederick M., Chicago, Ill. Mold for concrete work.....	873,138	Dec. 10	1739	364	131	1473
Stulz, Edward A., Avenel, N. J. Bolt-anchor.....	850,980	Apr. 23	4547	952	127	2859
Stump, Abraham L. (See Brucker and Stump.)						
Stump, Asa L., Stumptown, W. Va. Cut-off for oil-tanks.....	848,930	Apr. 2	656	131	127	1756
Stump, Benjamin F., Cleveland, Ohio. Calculating-machine.....	865,808	Sept. 10	1636	462	130	533
Stump, Ira E., Cleveland, Ohio. Automobile-horn.....	846,961	Mar. 12	2504	552	127	666
Stump, Ira E., C. Hollman, and G. E. Nicholas, Cleveland, Ohio. Automobile-horn.....	856,001	June 4	1074	223	128	1965
Stump, Oman L., C. B. King, and H. J. Barnhart, Marion, Ohio. Feed-water filter.....	870,138	Nov. 5	407	113	131	135
Stump, Oman L., J. Reidenbaugh, and E. D. Packard, assignors to Marion Incline Filter and Heater Company, Marion, Ohio. Feed-water heater.....	840,523	Jan. 8	1488	329	126	426
Stump, Oman L., J. Reidenbaugh, and E. D. Packard, assignors to Marion Incline Filter and Heater Company, Marion, Ohio. Water-purifying.....	841,067	Jan. 8	2559	560	126	695
Stump, Oman L., J. Reidenbaugh, and E. D. Packard, assignors to Marion Incline Filter and Heater Company, Marion, Ohio. Water-purifying apparatus.....	861,551	July 30	5024	1380	129	1781
Stumpf, Johann, Charlottenburg, Germany. Locomotive with steam-turbine drive.....	855,436	May 28	6125	1280	128	1658
Stunkard, McClellan F., Fayette county, Pa. Coke-drawing machine.....	843,568	Feb. 5	1477	311	126	2160
Stuppar, Gottfried, South Chicago, Ill. Device for mending pipes.....	848,139	Mar. 26	4877	1065	127	1318
Surdevant, Charles R., assignor to American Steel & Wire Company of New Jersey, Worcester, Mass. Compressor for rail-bonds.....	840,524	Jan. 8	1491	330	126	427
Sturgeon, George B., Wailuku, Hawaii. Rolling parallel ruler and sliding scale.....	843,374	Feb. 5	1082	223	126	2063
Sturgeon, Harold M., Erie, assignor to T. J. Ely, Girard, Pa. Mop-head.....	875,299	Dec. 31	6107	1275	131	2272
Sturges, Lee, Chicago, Ill. Ice-cream freezer.....	840,171	Jan. 1	768	168	126	208
Sturgess Governor Engineering Company. (See Sturgess, John, assignor.)						
Sturgess, John, assignor to Sturgess Governor Engineering Company, Troy, N. Y. Speed-regulator.....	863,235	Aug. 13	1838	494	129	2689
Sturgill, Elbert, Eolia, Ky. Animal-trap.....	848,866	Apr. 2	550	109	127	1730
Sturgis, Herbert M., Kansas City, Mo. Curtain-fixture.....	867,850	Oct. 8	951	272	130	1622
Sturgis, Herbert M., Kansas City, Mo. Loose-leaf book.....	873,106	Dec. 10	1681	351	131	1462
Sturm, Felix L., Viropa, W. Va. Fountain-pen handle.....	849,513	Apr. 9	1804	365	127	2084
Sturm, Jacob W., et al. (See Johnston, Horace G., assignor.) (Reissue.)						
Sturm, John J., Glen Lord, Mich. Handle for baskets.....	865,065	Sept. 3	479	132	130	145
Sturm, Moses M., and J. Silverstein, New York, N. Y. Clasp.....	873,967	Dec. 17	3379	719	131	1780
Sturm, William P., et al. (See Johnston, Horace G., assignor.) (Reissue.)						
Sturma, William, Philadelphia, Pa. Beater, mixer, and washer for eggs, cream, vegetables, &c.....	843,309	Feb. 5	974	200	126	2036
Sturrock, John, and A. L. Johnson, Hamilton, Ontario, Canada, assignors to International Harvester Company. Grain-drill.....	872,590	Dec. 3	576	120	131	1256
Sturtevant, Charles A., Plainfield, N. J., assignor to E. C. Fuller Company, New York, N. Y. Perforating and registering mechanism for sheet-folding machines.....	842,721	Jan. 29	6013	1267	126	1681
Sturtevant, Charles A., Plainfield, N. J., assignor to E. C. Fuller Company, New York, N. Y. Cutter mechanism for sheet-folding and other machines.....	863,007	Aug. 13	1459	397	129	2570
Sturtevant, Charles L. (See McNeil and Sturtevant.)						
Sturtevant Mill Company. (See Sturtevant, Thomas L. and T. J., assignors.)						
Sturtevant Mill Company. (See Sturtevant, Thomas L. and T. J., assignors.) (Reissue.)						
Sturtevant, Orange S., assignor to Adrian Wire Fence Company, Adrian, Mich. Magazine for wire-fence machines.....	842,980	Feb. 5	269	59	126	1857
Sturtevant, Thomas J. (See Sturtevant, Thomas L. and T. J.)						
Sturtevant, Thomas J. (See Sturtevant, Thomas L. and T. J.) (Reissue.)						
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me., and Boston, Mass. Double carbureter for explosive-engines. (Reissue.)	12,611	Feb. 19	4605	980	126	3010
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Crushing-machine.....	853,656	May 14	2598	539	128	700
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Vertical crushing and grinding mill.....	856,311	June 11	1699	352-3	128	2158

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Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Crushing and grinding mill.	857,121	June 18	3271	689	128	2594
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Crusher.	859,348	July 9	1607	427	129	574
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Vehicle-brake. (Reissue.)	12,683	Aug. 27	4167	1157	129	3472
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Clutch-device power-transmitting mechanism.	865,449	Sept. 10	1068	304-6	130	355
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Clutch device.	865,450	Sept. 10	1071	306	130	355
Sturtevant, Thomas L., Quincy, and T. J. Sturtevant, Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Double carburetor for explosive-engines.	871,741	Nov. 19	3299	816	131	909
Sturtevant, Thomas L. and T. J., Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Roll-crushing machine.	855,358	May 28	5989	1250	128	1626
Sturtevant, Thomas L. and T. J., Wellesley, Mass., assignors to Sturtevant Mill Company, Portland, Me. Crusher.	864,573	Aug. 27	3878	1075-6	129	3385
Stute, William F., Jr. (See Helmer and Stute.)						
Stutler, Abraham H., West Union, W. Va. Churn-operating mechanism.	845,595	Feb. 26	5693	1206-7	126	3321
Stutsman, Reuben O., assignor to Bartholomew Company, Peoria, Ill. Radiator.	864,871	Sept. 3	172	49	130	54
Stuttle, Henry, Batavia, Ill. Joint-clamp.	863,887	Aug. 20	2800	769	129	3022
Stuver, William F. (See Bussard, William B., assignor.)						
Subers, Lawrence A. (See Bayne and Subers.)						
Subert, Charles, Chicago, Ill. Humidifier.	866,534	Sept. 17	2727	762	130	914
Sublett, Samuel H., Hatton, assignor of one-half to J. N. Porter, Vandervoort, Ark.						
Truss	869,203	Oct. 22	3119	859	130	2341
Submarine Signal Company. (See Blake, Lucien I., assignor.)						
Submarine Signal Company. (See Gray, Elisha, assignor.)						
Submarine Signal Company. (See Mundy, Arthur J., assignor.)						
Submarine Signal Company. (See Mundy and Gale, assignors.)						
Submerged Electric Motor Company. (See Thorsen, Thomas, assignor.)						
Subra, Gustave E. N. I. E., Paris, France. Elastic tire for vehicle-wheels.	870,323	Nov. 5	708	190-1	131	232
Success Manufacturing Company. (See Bolger, Thomas P., assignor.)						
Suchy, Robert, Bitterfeld, assignor to Chemische Fabrik Griesheim Electron, Frankfurt-on-the-Main, Germany. Manufacture of chromic acid.	841,278	Jan. 15	2990		126	847
Suck, Adolph, Boston, Mass. Grab.	840,525	Jan. 8	1493	330-1	126	427
Suck, Adolph, Boston, Mass. Coal-hoisting apparatus.	863,668	Aug. 20	2463	678-9	129	2914
Suck, Adolph, Boston, Mass. Hoisting apparatus.	863,669	Aug. 20	2465	679-80	129	2915
Suckert, Edward C., Detroit, Mich. Loose-leaf memorandum-book.	843,714	Feb. 12	1744	371	126	2265
Suckling, Newton J., Brighton, England. Water-tube steam-generator.	861,330	July 30	4667	1276	129	1668
Suckow, August F., assignor of one-half to E. J. Melich, Chicago, Ill. Leaf-turner.	859,854	July 9	2366	643	129	818
Sudbrook, Peter H., New Melle, Mo. Mail-bag-delivery apparatus.	850,690	Apr. 16	4001	837	127	2683
Sudbrook, Peter H., New Melle, Mo. Garment-supporter.	859,025	July 2	1114	296	129	380
Sudduth, James M., Manhattan, Kans. Draft attachment for vehicles.	855,263	May 28	5823	1214	128	1585
Sudekum, William, assignor of one-half to A. Schardt, Nashville, Tenn. Rod-packing.	858,037	June 25	5090	1078	128	3083
Sudell, Herbert G., assignor of one-half to D. Coons, Philadelphia, Pa. Clasp for belts, &c.	866,535	Sept. 17	2728	762	130	914
Sugg, Wiley P. (See Pierce, Edgar B., assignor.)						
Suhm, Arthur J. and E. A., Milwaukee, Wis. Bottle-holder.	856,431	June 11	1976	407	128	2229
Suhm, Carl J. (See Demory, Alexander F., assignor.)						
Suhm, Edgar A. (See Suhm, Arthur J. and E. A.)						
Suits, Bert C., assignor of one-half to E. F. Neff and C. F. McLain, Indianapolis, Ind. Bed-rail joint.	849,174	Apr. 2	1138	229	127	1879
Sullivan, Alonzo T., Malcolm, Nebr. Animal-trap.	873,631	Dec. 10	2705	572	131	1636
Sullivan, Arthur R., Rome, Ga. Cultivating-plow blade.	848,779	Apr. 2	321	66	127	1668
Sullivan, Catherine, Chicago, Ill. Frying-pan.	867,086	Sept. 24	3586	1017	130	1261
Sullivan, Catherine, Chicago, Ill. Pie-marker.	869,666	Oct. 29	3890	1070	130	2604
Sullivan, Charles L., assignor, by mesne assignments, of one-half to M. E. B. Sullivan, Chicago, Ill. Fishing-rod attachment.	847,298	Mar. 12	3142	692	127	823
Sullivan, Cornelius J., Fall River, assignor of one-half to H. H. Marble, Somerset, Mass. Loom-shuttle.	859,991	July 16	2591	705	129	921
Sullivan, Daniel F., Lowell, Mass. Stripping device for knitting-machines.	851,042	Apr. 23	4665	980	127	2890
Sullivan, Eugene, <i>et al.</i> (See Greaghty, John P., assignor.)						
Sullivan, George G., Buffalo, N. Y. Automobile-tire.	867,851	Oct. 8	952	272	130	1623
Sullivan, James J., Long Island City, N. Y. Wrapping-machine.	851,907	Apr. 30	6417	1340-1	127	3361
Sullivan, Jerry, Buffalo, N. Y. Insect-exterminator.	841,905	Jan. 22	4254	916	126	1204
Sullivan, John, Fall River, Mass. Incandescent-electric-lamp support.	849,754	Apr. 9	2232	458	127	2193
Sullivan, John F., New York, N. Y. Appliance for theatrical and similar purposes.	855,910	June 4	913	190	128	1924
Sullivan, John J., Holyoke, Mass. Ceiling or floor plate.	845,142	Feb. 26	4816	1022	126	3105
Sullivan, John L., assignor to Cahill, Swift Manufacturing Company, St. Louis, Mo. Flushing-tank for water-closets.	849,436	Apr. 9	1619	328	127	2038
Sullivan Machinery Company. (See Ball, Albert, assignor.)						
Sullivan Machinery Company. (See Ball and Officer, assignors.)						
Sullivan Machinery Company. (See Gilman, George H., assignor.)						
Sullivan Machinery Company. (See Hunter, George D., assignor.)						
Sullivan Machinery Company. (See Mercer, Henry H., assignor.)						
Sullivan Machinery Company. (See Nelson, Sven T., assignor.)						
Sullivan Machinery Company. (See Officer and Mercer, assignors.)						
Sullivan, Mary E. B. (See Sullivan, Charles L., assignor.)						
Sullivan, Matthew I., San Francisco, Cal. Document-holder.	850,408	Apr. 16	3439	721	127	2541
Sullivan, Michael H., Poughkeepsie, N. Y. Piston and piston-packing.	873,806	Dec. 17	3058	650	131	1727
Sullivan, Michael H., Poughkeepsie, N. Y. Piston and piston-packing.	873,807	Dec. 17	3060	651	131	1728
Sullivan, Michael H., assignor to A. Sedgwick, Poughkeepsie, N. Y. Automobile.	847,128	Mar. 12	2809	621	127	740
Sullivan, Neil A., <i>et al.</i> (See Ryan, William F., assignor.)						
Sullivan, Sylvester M., San Francisco, Cal. Underground electric railway.	848,507	Mar. 26	5585	1220	127	1493
Sullivan, Thomas J., and G. J. Harris; said Harris assignor to J. H. Stouthamer, Milwaukee, Wis. Pneumatic renovator.	845,275	Feb. 26	5082	1080	126	3172
Sullivan, Warren R., Riverdale, Mich. Device for cutting axles.	861,407	July 30	4610	1319	129	1713
Sullivan, William P., Steele, Mont. Wire-clamp.	859,468	July 9	1776	476	129	629
Sulten, George E., Redkey, Ind., assignor of one-half to W. F. Milligan, Portland, Ind. Wire-cutter.	846,629	Mar. 12	1859	408	127	504
Sulzbach, Jacob, College Point, N. Y. Dyeing machinery.	871,376	Nov. 19	2581	661	131	797
Sulzberger, Karl, Berlin, Germany, assignor to General Electric Company. Dynamo-electric machine.	850,276	Apr. 16	3181	664	127	2472
Sulzer, Ernest T., M. Garanger, and V. J. Dey, New York, N. Y. Amusement apparatus.	874,135	Dec. 17	3766	793-4	131	1835
Sumerlin, Van, Pinetops, N. C. Toy.	874,873	Dec. 24	5230	1102	131	2109
Sumerwell, Edward K., East Orange, N. J. Clasp.	854,254	May 21	3832	792	128	1051
Summa, Victor M., St. Louis, Mo. Dump-car.	849,175	Apr. 2	1139	230	127	1880

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Summer, Van Luther, Collins, Miss. Store-case.....	859,787	July 9	2262	615	129	786
Summers, Bertrand S., Port Huron, Mich. Vegetable fiber.....	864,574	Aug. 27	3880		129	3386
Summers, Edgar W., Wilkinsburg, Pa. Metal-punching machine.....	855,821	June 4	734	151-2	128	1880
Summers, Edgar W., Wilkinsburg, Pa. Metal-punching machine.....	856,110	June 4	1253	263-4	128	2009
Summers, Edgar W., Wilkinsburg, Pa. Plate-punching machine.....	860,266	July 16	2995	819	129	1055
Summers, Edgar W., Wilkinsburg, Pa. Car.....	861,552	July 30	5026	1380-1	129	1781
Summers, Emmett L., Lucedale, Miss., assignor of one-half to G. S. Leatherbury, Mobile, Ala. Automatic logging-stanchion.....	841,068	Jan. 8	2561	560	126	695
Summers, George G., and G. P. Burke, Louisville, Ky. Valve and operating mechanism therefor.....	866,825	Sept. 24	3184	895	130	1094
Summers, Harry J., Detroit, Mich. Self-releasing hook.....	858,545	July 2	304	76	129	108
Summers, James W., Augusta, Ga. Hub-cap.....	840,172	Jan. 1	770	168	126	208
Summers, Jesse, and J. J. Berry, assignors to Indianapolis Watchman Clock Company, Indianapolis, Ind. Electrical indicator.....	850,691	Apr. 16	4004	837-8	127	2683
Summers, John C., Millersburg, and H. G. Mast, Benton, Ohio. Pump-stroke regulator.....	841,601	Jan. 15	3608	784	126	1008
Summers, Margaret, Colorado Springs, Colo. Model-board.....	863,670	Aug. 20	2466	680	129	2915
Summers, Robert, Philadelphia, Pa. Device to assist in threading needles.....	844,482	Feb. 19	3263	704	126	2681
Summers, William T., Omaha, Nebr., assignor to Gibson Soap Co. Receptacle.....	868,721	Oct. 22	2405	664	130	2120
Summerscales, Samuel H., Winnipeg, Manitoba, Canada. Supporting-plate.....	859,992	July 16	2591	705	129	921
Summerscales, Samuel H., Winnipeg, Manitoba, Canada. Telegraph or electric-wire pole.....	859,993	July 16	2593	705	129	922
Summerton, William. (See Bannerman, Summerton, and MacDonald.)						
Summerville, C. W. (See Milhollin, John C., assignor.)						
Sumner, Charles R. (See Towne, William F., assignor.)						
Sumner Iron Works. (See Willett, Charles W., assignor.)						
Sumner, William A., assignor to Nebraska Incubator Company, Fairfield, Nebr. Incubator-lamp chimney.....	844,626	Feb. 19	3790	800	126	2802
Sumner, William J., assignor to Coburn Trolley Track Co., Holyoke, Mass. Trolley-track.....	841,351	Jan. 15	3151	679	126	890
Sumpner, William E., Birmingham, England. Electrical measuring instrument.....	863,008	Aug. 13	1462	398	129	2571
Sumpner, William E., Birmingham, England. Electrical measuring instrument.....	872,474	Dec. 3	338	69-70	131	1220
Sumter Telephone M'fg. Co. (See Mason, Charles T., assignor.)						
Sun Typewriter Company. (See Howell, Charles W., assignor.)						
Sundberg, August, and G. Ericsson, Stockholm, Sweden. Reversing device for shafts.....	848,931	Apr. 2	658	132	127	1756
Sundberg, Per T., Stockholm, Sweden. Centrifugal separator.....	847,524	Mar. 19	3611	796	127	972
Sundblad, Uno L. (See Falkenstrom and Sundblad.)						
Sundell, Alfred, et al. (See Anderson, Isaac, assignor.)						
Sunden, Olof G., Chicago, Ill. Spark-arrester.....	860,999	July 23	4158	1139	129	1467
Sunderman, Richard, Buffalo, N. Y. Carton-filling machine.....	858,116	June 25	5259	1117	128	3127
Sundh, August, Yonkers, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Current-controlling apparatus.....	848,405	Mar. 26	5398	1177	127	1448
Sundh, August, Yonkers, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Compound brake.....	849,283	Apr. 2	1328	269	127	1927
Sundh, August, Yonkers, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. System of motor control.....	861,197	July 23	4439	1217	129	1558
Sundh, August, Yonkers, N. Y., assignor to Otis Elevator Company, Jersey City, N. J. Alternating-current motor-controller.....	869,943	Nov. 5	96	28	131	32
Sundin, John P., Arcata, Cal. Garment-hanger.....	863,236	Aug. 13	1840	494	129	2690
Sundman, Fredrick. (See Switzer and Sundman.)						
Sundstrom, Karl J., Sibley, Mich. Mixing and measuring machine.....	861,778	July 30	5372	1482-3	129	1883
Sunkle, Robert H., Cleveland, Ohio. Dish-washing machine.....	847,129	Mar. 12	2811	621	127	740
Sunset Automobile Company. (See Libby, Dorville, Jr., assignor.)						
Sunset Hospital. (See Randall, Thomas J., assignor.)						
Sunshine, Monroe, New York, N. Y. Ironing device.....	846,066	Mar. 5	716	149	127	183
Super, Frank J., Mount Tabor, Oreg. Safe.....	847,265	Mar. 12	3082	680	127	808
Superior Automatic Telephone Co. (See Jackson, Uriah S., assignor.)						
Superior Automatic Telephone Company. (See Couch, Samuel H., assignor.)						
Superior Sheet Metal Works Company. (See Hyed, William A., assignor.)						
Superior Tool and Supply Company. (See Ward, Paul S., assignor.)						
Suplee, De Witt C., Philadelphia, Pa. Elevator.....	855,074	May 28	5468	1135	128	1495
Supper, John, Lakewood, N. J. Churn.....	863,009	Aug. 13	1466	398-9	129	2571
Surbaugh, John S., Terre Haute, Ind. Drilling-machine.....	858,311	June 25	5604	1199	128	3214
Surbaugh, John S., Terre Haute, Ind. Coal-drill.....	862,525	Aug. 6	715	192	129	2308
Suren, Paul. (See Cling, William H., assignor.)						
Surfacing Machine Company. (See Wattles, Cyra B., assignor.)						
Susemihl, Frank L. (See Bauer and Susemihl.)						
Süsskind, Ludwig, von, St. Georgen, near St. Gallen, Switzerland. Apparatus for drying macaroni and other substances.....	874,136	Dec. 17	3768	794	131	1835
Sussman, Charles J., New York, N. Y. Ash-can.....	867,683	Oct. 8	692	195	130	1545
Sutcliffe, Adam. (See Swift, John P., assignor.)						
Sutcliffe, Edgar R., Leigh, England. Brickmaking-machine.....	846,258	Mar. 5	1070	230-1	127	272
Sutcliffe, Joseph. (See Boocock and Sutcliffe.)						
Suter, Frank W., London, England. Lamp for burning carbureted air.....	875,010	Dec. 31	5553	1160-1	131	2180
Suter, Frank W., and C. Wayman, London, England. Safety lamp and air-carbureting apparatus therefor.....	857,769	June 25	4531	956-7	128	2943
Suter, Robert R., Media, Pa. Spring-hinge attachment for screen-doors.....	840,396	Jan. 1	1239	270	126	325
Sutlin, Willis A. (See Cutter and Sutlin.)						
Sutherland Automatic Scale Company. (See Sutherland, Emil, assignor.)						
Sutherland, Dimock W. (See Wheeldon, William M., assignor.)						
Sutherland, Emil, Hollywood, Cal. Vehicle-wheel.....	872,311	Nov. 26	4546	1076	131	1128
Sutherland, Emil, Hollywood, assignor of one-half to W. E. Pile, Los Angeles, Cal. Drying-comb.....	851,567	Apr. 23	5712	1196	127	3146
Sutherland, Emil, assignor to Sutherland Automatic Scale Company, Los Angeles, Cal. Weighing-scale.....	864,437	Aug. 27	3626	1008	129	3306
Sutherland, Frank. (See Ross, William G., assignor.)						
Sutherland, John, Springer, N. Mex. Ter. Gate.....	860,422	July 16	3233	884	129	1132
Sutherland, Joseph L., Rockford, Ill. Necktie-holder.....	840,173	Jan. 1	771	168	126	208
Sutherland, William H., and R. N. Van Horne, Sioux City, Iowa. Automatic air-coupling device.....	844,483	Feb. 19	3264	704	126	2681
Sutphen, Clarence H. (See Wottring and Sutphen.)						
Sutro, Harry H., New York, N. Y. Apparatus for treating liquids.....	850,503	Apr. 16	3632	759	127	2589
Sutro, Harry H., New York, N. Y., and L. M. Booth, Plainfield, N. J. Apparatus for distributing or dividing liquids.....	851,568	Apr. 23	5713	1197	127	3147
Sutton, Albert E., Elkins, W. Va. Non-refillable bottle.....	869,532	Oct. 29	3661	1003	130	2535
Sutton, Albert E., Elkins, assignor of one-half to J. R. Sutton, Beverly, W. Va. Hame-tug.....	869,813	Oct. 29	4103	1133	130	2667

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Sutton, Andrew H., New York, N. Y., assignor by mesne assignments, to Parks and Woolson Machine Company, Springfield, Vt. Machinery for measuring and marking fabrics.....	842,435	Jan. 29	5379	1138-9	126	1526
Sutton, Arthur, assignor to Chicago Wood Finishing Co., Chicago, Ill. Machine for printing a reproduction of the grain of wood.....	869,148	Oct. 22	3047	840-1	130	2319
Sutton, Arthur L., Paint Rock, Ala. Shade-roller.....	849,284	Apr. 2	1333	269	127	1928
Sutton, Edward O., Springfield, Mass. Driving mechanism for automobiles.....	870,258	Nov. 5	603	161-2	131	197
Sutton, James N., et al. (See Jordan, Henry C., assignor.)						
Sutton, James W., Allegheny, Pa. Hat.....	864,040	Aug. 20	3015	833	129	3087
Sutton, John R. (See Sutton, Albert E., assignor.)						
Sutton, John W., New York, N. Y. Controller for mechanical musical instruments.....	855,145	May 28	5601	1165	128	1527
Sutton, O. F. (See Trainham, Zachariah L., assignor.)						
Sutton, Oscar, Goldsboro, N. C. Vehicle-top.....	852,146	Apr. 30	6940	1449	127	3491
Sutton, Walter S., Kansas City, Kans. Hoisting apparatus for deep wells.....	850,549	Apr. 16	3713	776-7	127	2611
Sutton, William T. (See Lionais and Sutton.)						
Suydam, Alfred E., Kansas City, Mo. Bake-oven.....	860,067	July 16	2711	738-9	129	961
Suzuki, Tozaburo, Sunamura, Japan. Vertical boiler.....	864,211	Aug. 27	3287	912	129	3200
Suzuki, Tozaburo, Sunamura, Japan. Apparatus for brewing soy.....	874,041	Dec. 17	3533	752	131	1804
Svanberg, Gustaf A., Fort Lee, N. J. Collapsible baby-carriage.....	857,420	June 18	3833	813	128	2735
Svanström, Olof, Stockholm, Sweden. Wheel-rim.....	851,208	Apr. 23	4999	1051	127	2971
Svensden, Svend, Chicago, Ill. Writing-pencil.....	858,546	July 2	306	77	129	109
Svensden, Svend E. (See Jacobson and Svensden.)						
Svensen, Andes A., Evanston, Ill. Key-fastener.....	848,067	Mar. 26	4761	1039	127	1289
Svenson, Albin, New York, N. Y. Clutch mechanism for dumb-waiters and the like.....	852,469	May 7	173	30	128	52
Svensson, Emanuel A. (See Jacobson and Svensson.)						
Svoboda, Lawrence. (See Kudrle and Svoboda.)						
Swafford, Henry C., East Jordan, Mich. Door-hanger.....	868,144	Oct. 15	1454	409	130	1801
Swagler, William, and W. L. Volz, Brooklyn, N. Y. Poultry-fountain.....	871,377	Nov. 19	2584	662	131	792
Swain, Appious C., Jersey City, N. J. Gas-lamp.....	867,219	Sept. 24	3799	1072	130	1285
Swain, Seth R., Denver, Colo. Hydraulic classifier for ores.....	866,402	Sept. 17	2549	711	130	859
Swain, Seth R., Denver, Colo. Hydraulic classifier for ores.....	866,536	Sept. 17	2728	763	130	914
Swallow, Joseph G., assignor of one-half to F. W. Smith, New York, N. Y. Cut-out.....	866,977	Sept. 24	3405	964	130	1162
Swan, Charles, assignor to J. H. Duke, Corry, Pa. Wood-shaving tool.....	852,470	May 7	175	31	128	53
Swan, Charles W., Bolton, Kans. Pump-packing.....	846,874	Mar. 12	2329	513	127	623
Swan, George E., Beaver Dam, Wis. Heel-spring.....	861,000	July 23	4159	1139	129	1467
Swan, Harry L. (See Collar, Charles T., assignor.)						
Swan, James, Seymour, Conn. Window and door alarm.....	847,525	Mar. 19	3613	796	127	972
Swan, James, Seymour, Conn. Window and door alarm.....	847,846	Mar. 19	4295	942	127	1139
Swan, Peter S., Calcutta, India, and N. Fraser, Arbroath, Scotland. Machine for measuring and cutting cloth.....	846,259	Mar. 5	1072	231-2	127	273
Swan, William W., trustee. (See Stone, John S., assignor.)						
Swanberg, Arthur W., Minneapolis, Minn. Non-refillable bottle.....	872,475	Dec. 3	341	70	131	1221
Swaney, Charles E., Philadelphia, Pa. Pipe-bending tool.....	859,706	July 9	2144	579	129	746
Swaney, Fletcher D., assignor of one-half to F. Stapp, Denver, Colo. Removable guide for metal window-sash.....	855,359	May 28	5990	1250	128	1627
Swank, Lafa. (See Van Deventer and Swank.)						
Swank, Lafa, Anderson, assignor to Dwiggin's Wire Fence Company, Indianapolis, Ind. Wire fabric.....	841,194	Jan. 15	2820	615	126	806
Swank, Lafa, assignor to American Cheese Cutter Company, Anderson, Ind. Cheese-cutter.....	842,919	Feb. 5	153	35	126	1830
Swank, Reuben B., Dayton, Ohio. Railway-joint.....	843,119	Feb. 5	579	122	126	1942
Swank, Reuben B., Dayton, Ohio. Railway-joint.....	843,120	Feb. 5	580	122-3	126	1943
Swanser, Anthony, Iowa City, Iowa. Awning-blind hinge.....	863,465	Aug. 13	2150	580-1	129	2786
Swanson, Alfred, Albuquerque, N. Mex. Ter. Necktie-fastener.....	860,160	July 16	2837	775	129	1004
Swanson, Alfred, Albuquerque, N. Mex. Ter. Collar-button.....	860,582	July 16	3472	954	129	1213
Swanson, Alfred, Albuquerque, N. Mex. Necktie.....	874,710	Dec. 24	4930	1035	131	2057
Swanson, Axel E., Chicago, Ill. Expanding bit.....	851,783	Apr. 30	6171	1288	127	3296
Swanson, Carl F., assignor to himself and J. M. Anderson, Eagle Bend, Minn. Egg-lifter.....	851,631	Apr. 23	5843	1222	127	3180
Swanson, Ernest. (See McLean and Swanson.)						
Swanson, Ernest, Bay City, Mich. Railway-spike.....	874,454	Dec. 24	4398	927	131	1973
Swanton, Frederick V. W., and B. Price, Braamfontain, Johannesburg, Transvaal. Rock-drill.....	874,455	Dec. 24	4400	927-8	131	1973
Sward, William, Mediapolis, Iowa. End-gate for wagons.....	866,826	Sept. 24	3185	895	130	1094
Swart, Joseph, Fort Scott, Kans. Adding-machine.....	845,276	Feb. 26	5085	1080	126	3173
Swart, Philip F., Brockport, N. Y. Guiding and supporting mechanism for canopy-standards.....	845,906	Mar. 5	377	77	127	97
Swart, Philip F., Brockport, N. Y. Adjustable support.....	862,943	Aug. 13	1368	372	129	2539
Swarthout, Ernest W., Aurora, Ind. Guy-anchor.....	864,392	Aug. 27	3550	987	129	3280
Swartz, Sewell C. (See Reisner, Swartz, and Hamilton.)						
Swartz, Warren E., assignor to Milwaukee Casket Company, Milwaukee, Wis. Burial-casket.....	840,810	Jan. 8	2040	451	126	563
Swartz, William J. (See Cornell and Swartz.)						
Swartzbaugh, Charles E., Toledo, Ohio. Steam-cooker.....	843,240	Feb. 5	827	171	126	2004
Swasey, Ambrose, assignor to Warner & Swasey Company, Cleveland, Ohio. Depression range-finder.....	851,706	Apr. 30	6025	1259-60	127	3257
Swasey, Ambrose, assignor to Warner & Swasey Company, Cleveland, Ohio. Horizontal range-finder.....	861,331	July 30	4670	1277-8	129	1669
Swasey, Ambrose, assignor to Warner & Swasey Company, Cleveland, Ohio. Telescope.....	862,293	Aug. 6	308	86-7	129	2179
Swasey, Ambrose, assignor to Warner & Swasey Company, Cleveland, Ohio. Range-finder.....	862,294	Aug. 6	312	87-9	129	2180
Swasey, Charles J. (See Head, Benson J., assignor.)						
Swayze, Aurelius J., Great Meadows, N. J. Extraction of potassium compounds from feldspar.....	862,676	Aug. 6	958	.....	129	2379
Swazey, Henry L., assignor of one-half to M. B. Pinkham, Lincoln, Me. Brush.....	862,030	July 30	5732	1591	129	1993
Swearingen, Alonzo J. (See Sterling, Rufus T., assignor.)						
Sweeney, Zachary T., Columbus, Ind. Roadway for vehicles.....	856,928	June 11	2860	605	128	2457
Sweet, Bert E., Lodi, Cal. Pneumatic cleaner and separator.....	840,724	Jan. 8	1882	414-15	126	525
Sweet, Burton W., Cleveland, Ohio, assignor, by mesne assignments, to Century Telephone Construction Company, Buffalo, N. Y. Telephone extension-arm appliance.....	858,836	July 2	831	216	129	287
Sweet, Clinton W., Yonkers, assignor to Sweet, Orr & Company, Newburgh, N. Y. Overalls.....	841,824	Jan. 22	4094	880	126	1166
Sweet, Edward J. (See Johnson, William H., assignor.)						
Sweet, John M., Batavia, N. Y. Shears and other tool.....	873,333	Dec. 10	2131	445	131	1536
Sweet, Louis D., trustee. (See Hart, Frederick, assignor.)						
Sweet, Norman M., and G. K. Sawaya, Nashville, Tenn. Mail and order filing system.....	851,145	Apr. 23	4852	1021	127	2937

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Sweet, Orr & Company. (See Bartrum, Charles W., assignor.)						
Sweet, Orr & Company. (See Noetzel, Paul C., assignor.)						
Sweet, Orr & Company. (See Sweet, Clinton W., assignor.)						
Sweet, Parker H., Jr., Washington, D. C., assignor of three-fourths to J. B. Mendenhall, Kansas City, Mo. Mold for making metal castings	845,668	Feb. 26	5854	1236	126	3360
Sweet, Warren, Fort Wayne, Ind., assignor, by mesne assignments, to Boss Washing Machine Company, Norwood, Ohio. Mechanical movement	858,482	July 2	207	48	129	77
Sweeten, George, Rebel Creek, Nev. Harness-buckle	859,855	July 9	2367	643	129	818
Sweetland, John H., Vassar, Mich. Spring-roller	869,396	Oct. 29	3447	946	130	2470
Sweetland, William W., Edwardsburg, Mich. Sash-supporter	873,186	Dec. 10	1840	385	131	1488
Sweetser, Jewett B., Danvers, Mass. Slung-shot	841,195	Jan. 15	2822	615	126	807
Sweetwood Tooth Pick Company. (See Hutchinson, William F., assignor.)						
Sweigard, Emanuel W., Chicago, Ill. Attachment for type-writers	844,699	Feb. 19	3944	836	126	2841
Swender, Albert W., Carroll, Iowa. Dog-muzzle	868,145	Oct. 15	1455	409	130	1801
Swender, Albert W., Carroll, Iowa. Stock-weaner	869,108	Oct. 22	2981	823-4	130	2299
Swenson, Charles E., Charlie, Tex. Oil-burner	859,128	July 2	1254	335	129	423
Swenson, Gustaf, Pittsburg, Pa., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine	841,352	Jan. 15	3152	679	126	890
Swenson, John A., New York, N. Y. Lawn-mower	847,213	Mar. 12	2989	658	127	783
Swenson, John J., Roswell, N. Mex. Ter. Tile-mold	858,638	July 2	494	127	129	175
Swenson, Paul, Hopkins, Minn. Traction-engine	862,214	Aug. 6	169	47-8	129	2136
Swenson, Eric, assignor to Minneapolis Steel & Machinery Company, Minneapolis, Minn. Reinforced steel beam	871,075	Nov. 12	1910	523	131	647
Swenson, Eric, assignor to Minneapolis Steel & Machinery Company, Minneapolis, Minn. Reinforced steel column	871,076	Nov. 12	1911	523	131	648
Swift and Company. (See Hollis, George W., assignor.)						
Swift and Company. (See Walsh, Thomas, assignor.)						
Swift, Edwin M., Ballard, Wash. Automatic slack-adjuster for brakes	850,856	Apr. 16	4319	906	127	2763
Swift, Francis E., Dayton, Ohio. Heating-furnace	872,858	Dec. 3	1143	242	131	1345
Swift, George W., Jr., Bordentown, N. J. Cell-case machine. (Reissue)	12,591	Jan. 8	2645	577-80	126	719
Swift, George W., Jr., Bordentown, N. J. Printing mechanism	842,265	Jan. 29	4988	1065	126	1416
Swift, George W., Jr., Bordentown, N. J. Press	846,362	Mar. 5	1274	280-1	127	321
Swift, George W., Jr., Bordentown, N. J. Tag-machine	854,388	May 21	4060	839-40	128	1110
Swift, George W., Jr., Bordentown, N. J. Envelop-machine	854,440	May 21	4172	864-5	128	1138
Swift, George W., Jr., Bordentown, N. J. Envelop-machine	858,426	July 2	94	26-8	129	33
Swift, George W., Jr., Bordentown, N. J. Drying and counting mechanism	864,493	Aug. 27	3705	1033	129	3332
Swift, George W., Jr., Bordentown, N. J. Envelop-machine	866,978	Sept. 24	3406	965-6	130	1163
Swift, George W., Jr., Bordentown, N. J. Paper box	875,011	Dec. 31	5557	1161	131	2180
Swift, John P., assignor of one-half to A. Sutcliffe, Pawtucket, R. I. Machine for providing laces with metal tips	866,314	Sept. 17	2417	674-6	130	817
Swift, John W., Berkeley, Cal. Adjustable tool-post	852,246	Apr. 30	7116	1489	127	3537
Swift, Robert B., Portland, Me. Lock-strike	851,109	Apr. 23	4788	1006	127	2919
Swift, William H., Everett, Mass. Faucet	865,451	Sept. 10	1075	307	130	356
Swigart, Charles. (See Slager, Henry L., assignor.)						
Swigert, Alfred L., Jr. (See Glickert and Swigert.)						
Swinbank, Thomas, Senath, Mo. Bicycle	849,342	Apr. 2	1447	294	127	1956
Swindell, John W., Greenville, Tex. Vibrator	875,132	Dec. 31	5789	1208	131	2219
Swinehart, James A., Akron, Ohio. Wheel-tire	852,529	May 7	299	54	128	82
Swing, Alfred J., and K. A. Graner, assignors to said Swing, J. Sofge, and E. Gardner, Cincinnati, Ohio. Music-recording device	840,397	Jan. 1	1240	271	126	325
Swingle, Martin L., Roseville, Ohio. Rail-brace	855,264	May 28	5825	1214	128	1586
Swingle, Martin L., Roseville, Ohio. Horse-releaser	855,360	May 28	5992	1251	128	1627
Swinglehurst, Harry. (See Williams and Swinglehurst.)						
Swinglehurst, Harry, Philadelphia, Pa., assignor to R. W. Scott, Leeds Point, N. J., and L. N. D. Williams, Ogontz, Pa. Knitted fabric and making same	868,822	Oct. 22	2555	704-5	130	2166
Swinerton, James F., New York, N. Y. Mold for concrete construction	842,722	Jan. 29	6019	1268	126	1681
Swinscoe, Henry K. (See Daniels, Backlin, and Swinscoe.)						
Swintek, Martin, Des Moines, Iowa. Mechanical stoker	867,443	Oct. 1	317	92-3	130	1412
Swintek, Martin, Des Moines, assignor of one-half to G. H. Carlon, Oskaloosa, Iowa. Adjustable boring and sawing machine	853,908	May 14	3123	640	128	831
Switzer, Arthur P., New York, N. Y. Table	842,723	Jan. 29	6020	1268	126	1682
Switzer, Christopher, and F. Sundman, Doe Run, Mo. Combined railway cattle-guard and metallic cross-tie	853,135	May 7	1533	319-20	128	387
Switzer, Eva, Brooklyn, N. Y. Decorating walls and other surfaces	848,867	Apr. 2	551	109	127	1730
Switzer, George F. (See Switzer, George W. and G. F.)						
Switzer, George W. and G. F., assignors of one-third to H. G. Campbell, Salisbury, N. C. Device for laying concrete pavements	867,852	Oct. 8	953	272	130	1623
Swope, Alfred R., Philadelphia, Pa. Indicator for medicine-bottles	844,054	Feb. 19	2376	509	126	2420
Sworthger, George F., Newark, N. J. Expansion rock-anchorage	859,532	July 9	1871	503	129	660
Swortzel, J. H. (See Hemp, Thomas, assignor.)						
Sykes, Edwin. (See Ainley and Sykes.)						
Sykes, Hubert W., Norfolk, Va. Hedge-trimmer	856,312	June 11	1701	353	128	2159
Sykes, James F., Pittsburg, Pa. Ventilator for windows	875,300	Dec. 31	6108	1275	131	2227
Sykes, John W., Chicago, Ill. Reclaiming land	859,628	July 9	2023	546	129	708
Sylva, Frank A. (See Seeley and Sylva.)						
Sylvan, T. P. (See Field, Thomas V., assignor.)						
Sylvester, Irving M., assignor to Parks Brothers and Rogers, Providence, R. I. Bracket	849,755	Apr. 9	2234	458	127	2193
Sylvester, Philip L., assignor to Scranton Button Company, Scranton, Pa. Socket-key for electric-lamp sockets	849,089	Apr. 2	951	194	127	1830
Sylvester, Richard, Lindsay, Ontario, Canada. Threshing-machine	844,627	Feb. 19	3791	800-1	126	2802
Sylvester, Richard, Lindsay, Ontario, Canada. Sheaf carrier and elevator for threshing-machines	844,628	Feb. 19	3793	801-2	126	2803
Sylvester, Richard, Lindsay, Ontario, Canada. Threshing-machine	863,466	Aug. 13	2151	581	129	2786
Sylvester, William. (See Gurney, Amelia, assignor.)						
Sylvia, George. (See Bennett and Sylvia.)						
Symington, Thomas H., assignor to T. H. Symington Company, Baltimore, Md. Railway journal-box	855,361	May 28	5992	1251	128	1627
Symington, Thomas H., assignor to T. H. Symington Company, Baltimore, Md. Lid for journal-boxes	855,362	May 28	5993	1251	128	1627
Symmes, Frederick W., St. Matthews, S. C. Ventilator	847,381	Mar. 19	3330	731	127	897
Symmonds, Robert, assignor to T. B. Jeffery, Kenosha, Wis. Transmission-gearing	844,760	Feb. 19	4079	869-70	126	2877
Symmons, William G. S., London, England, assignor to Standard Oil Company of New York, New York, N. Y. Stove and grate therefor	860,841	July 23	3883	1063	129	1378
Symonds, Herbert, East St. Louis, Ill. Wall-register	858,230	June 25	5470	1167	128	3181
Symons, Arthur H. and J. H., Kansas City, Mo. Bale-tie machine	872,770	Dec. 3	944	196-7	131	1317

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Symons, Jabez H. (See Symons, Arthur H. and J. H.)						
Symons, Joseph F., and W. H. Paull, Lake Linden, Mich. Stamp-mill.....	859,629	July 9	2025	547	129	709
Symons, Wilson E., Chicago, Ill. Railway bumping-post.....	846,260	Mar. 5	1075	233	127	273
Symons, Wilson E., Chicago, Ill. Car-truck.....	856,111	June 4	1254	264-5	128	2009
Symons, Wilson E., Cleburne, Tex. Compound engine.....	857,316	June 18	3640	770-1	128	2688
Symons, Wilson E., Chicago, Ill. Car-truck.....	860,267	July 16	2997	820	129	1055
Symons, Wilson E., Chicago, Ill. Truck structure.....	860,268	July 16	2999	820-1	129	1056
Symons, Wilson E., Chicago, Ill. Oil-box receptacle for car-trucks.....	861,553	July 30	5027	1381	129	1782
Symons, Wilson E., Chicago, Ill. Car structure.....	866,403	Sept. 17	2550	711	130	859
Symons, Wilson E., Chicago, Ill. Car structure.....	866,404	Sept. 17	2552	711-12	130	860
Symons, Wilson E., Chicago, Ill. Bolster structure.....	866,405	Sept. 17	2554	712	130	861
Synnestvedt Machine Company. (See Synnestvedt, Paul, assignor.)						
Synnestvedt, Paul, assignor to Synnestvedt Machine Company, Pittsburg, Pa. Motor						
Synnestvedt, Paul, assignor to Synnestvedt Machine Company, Pittsburg, Pa. Electric control mechanism.....	851,632	Apr. 23	5844	1222	127	3181
Syracuse Time Recorder Company. (See Palmer and Kimball, assignors.)						
Szameitat, Carl, assignor to Szameitat Reform-Sattel-Gesellschaft mit Beschränkter Haftung, Hamburg, Germany. Saddle.....	851,633	Apr. 23	5846	1222	127	3181
Szameitat Reform-Sattel-Gesellschaft mit Beschränkter Haftung. (See Szameitat, Carl, assignor.)						
Szczérbicki, Tomasz, Chicago, Ill. Window shade and curtain adjuster.....	865,661	Sept. 10	1408	399	130	459
Szczyss, Robert, assignor of one-half to J. J. Sprafka and H. O'Keefe, Minto, N. D. Display-rack.....	859,148	July 2	1289	343	129	435
Szekely, Charles S., Sr., New York, N. Y., assignor to Metal Moulds Corporation. Casting metal.....	864,438	Aug. 27	3628	1008-9	129	3307
Szekeress, John, Pittsburg, assignor of one-half to J. Poluba, Allegheny, Pa. Trolley-securing device.....	841,279	Jan. 15	2990	650-1	126	847
Sznutchko, Samuel, Oakdale, Pa. Metallic tie and rail-fastener.....	872,094	Nov. 26	4123	985	131	1058
T. Alton Bemus Company. (See Bemus, Thomas A., assignor.)	844,832	Feb. 19	4216	899	126	2912
T. B. Laycock Manufacturing Company. (See Lindley, James F., Jr., assignor.)						
T. B. Peddie and Co. (See Lee, Fred M., assignor.)						
T. F. Greenwood Company. (See Castiglioni, Rinaldo C., assignor.)						
T. H. Symington Company. (See Symington, Thomas H., assignor.)						
T. J. Thorp Mfg. Company. (See Thorp, Thomas J., assignor.)						
Taber, Henry C., Ware, Mass. Pipe-hanger.....	853,040	May 7	1374	286	128	349
Tabor, Harris, Elizabeth, N. J. Valve-gear for explosive-engines.....	688,371	Oct. 15	1820	512	130	1910
Tabor, Harris, Elizabeth, N. J., and W. Lewis, assignors to Tabor Manufacturing Company, Philadelphia, Pa. Equalizing-support for molders' flasks.....	849,514	Apr. 9	1805	366	127	2084
Tabor Manufacturing Company. (See Lewis, Wilfred, assignor.)						
Tabor Manufacturing Company. (See Mumford, Edgar H., assignor.)						
Tabor Manufacturing Company. (See Ramsden, John T., assignor.)						
Tabor Manufacturing Company. (See Tabor and Lewis, assignors.)						
Tache, Edward, New Market, N. H. Spindle.....	866,979	Sept. 24	3410	966	130	1164
Tacke, Frederick C., St. Louis, Mo. Shelf-door.....	845,829	Mar. 5	185	36	127	49
Tackitt, Lewis L., Busch, Okla. Ter. Fender.....	860,423	July 16	3235	885	129	1132
Tacony Iron Works. (See Custer and Pitman, assignors.)						
Tadini, Jerome F., New York, N. Y. Reversible variable-speed driving-gear.....	841,353	Jan. 15	3155	679	126	891
Taft, Emma, <i>et al.</i> (See Little, Robert A., assignor.)						
Taft, Sydney E. (See Bartel and Taft.)						
Taft, Walter L. (See Taft and Verdin, assignors.)						
Taft, Walter L., Cincinnati, and A. N. Verdin, Glendale, assignors to W. L. Taft, Cincinnati, Ohio. Floor-surfacing machine.....	867,620	Oct. 8	606	171-2	130	1519
Taggart, William H., Chicago, Ill. Apparatus for making molds for the casting of dental fillings and the like.....	865,823	Sept. 10	1686	468	130	559
Taggart, William H., Chicago, Ill. Making molds for dental inlays and the like.....	872,978	Dec. 3	1377	290	131	1384
Tagliabue, Charles J., New York, N. Y. Attachment for sterilizing or pasteurizing apparatus.....	842,981	Feb. 5	272	59	126	1858
Tainter, Frank L. (See Cruickshank, Arthur B., assignor.)						
Tainter, Simon S. and W. W., and G. P. Stanley, Dixfield, Me. Machine for boxing tooth-picks.....	869,993	Nov. 5	191	50	131	67
Tainter, Willis W. (See Stanley and Tainter.)						
Tainter, Willis W., and G. P. Stanley, Dixfield, Me. Toothpick-machine.....	848,406	Mar. 26	5403	1178	127	1449
Taintor, Charles C., Elizabeth, N. J., assignor to Taintor Manufacturing Company, New York, N. Y. Saw-setting implement.....	861,554	July 30	5030	1382	129	1783
Taintor Manufacturing Company. (See Taintor, Charles C., assignor.)						
Taisey, Fred R., Indianapolis, Ind. Pneumatic-despatch apparatus.....	852,914	May 7	1125	222-3	128	286
Taisey, Fred R., Indianapolis, Ind., assignor to Lamson Consolidated Store Service Company, Boston, Mass. Pneumatic-despatch apparatus.....	840,880	Jan. 8	2186	482	126	599
Taisey, Fred R., Indianapolis, Ind., assignor to Lamson Consolidated Store Service Company, Boston, Mass. Pneumatic-despatch apparatus.....	852,913	May 7	1123	232	128	286
Tait, Arthur A., Winnipeg, Manitoba, assignor to Business Systems Limited, Toronto, Canada. Loose-leaf binder.....	872,388	Dec. 3	143	27	131	1190
Tait, Cassius, St. Joseph, Mo. Window-fastener.....	860,769	July 23	3780	1037	129	1343
Tait, Cassius, Kankakee, Ill. Window-fastener.....	860,770	July 23	3781	1037	129	1343
Tait, Godfrey M. S., Montclair, N. J., assignor to Combustion Utilities Company, New York, N. Y. Gas-generating apparatus.....	843,715	Feb. 12	1745	372	126	2265
Tait, La Roy E., Red Cloud, Nebr. Feed-gage.....	846,630	Mar. 12	1860	408	127	504
Talbert, Charles S. and D. H., Indianapolis, Ind. Game apparatus.....	859,149	July 2	1290	343	129	436
Talbert, Daniel H. (See Talbert, Charles S. and D. H.)						
Talbot, Ben R., Hazelton, N. D. Draft-equalizer.....	861,917	July 30	5577	1540	129	1946
Talbot & Holst. (See Little, Robert H., assignor.)						
Talbot, James B., Edwardsville, Ill. Apparatus for molding cement blocks.....	855,608	May 14	2496	518	128	675
Talbot, James B., Edwardsville, Ill. Apparatus for molding cement blocks.....	855,822	June 4	737	152	128	1881
Talge, John H., Indianapolis, Ind. Veneer-clamp.....	858,921	July 2	952	248	129	327
Talge, John H., Indianapolis, Ind. Combination-bench for pianos and piano-players.....	866,745	Sept. 24	3060	863	130	1055
Taliaferro, Samuel W., San Francisco, Cal. Electric heater.....	843,775	Feb. 12	1852	394	126	2292
Tallero, Emilio. (See Finzi and Tallero.)						
Tallerday Manufacturing Company. (See Claiborne, Alexander, assignor.)						
Talley, Herbert, Carthage, Mo. Packing-machine.....	849,437	Apr. 9	1620	329	127	2038
Talmage, George G., Washta, Iowa. Reversing and speed-changing gearing.....	864,707	Aug. 27	4084	1135	129	3448
Talmage, George G., Washta, Iowa. Power-transmitting gear.....	864,708	Aug. 27	4085	1135	129	3448
Taluau, Julius, assignor of one-half to C. H. Royal, Philadelphia, Pa. Treating casein and compound obtained therefrom.....	852,915	May 7	1128	.....	128	287
Tamamura, Yusuke, Ashio, Japan. Differential clip for aerial ropeways, &c.....	850,604	Apr. 16	3634	760	127	2589
Tambour, Joseph, Nanterre, near Paris, France. Safety-lock for firearms.....	865,281	Sept. 3	790	226	130	238

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Tambour, Joseph, Nanterre, near Paris, France. Automatic safety appliance for locking the hammer and the sear of small-arms.	875,469	Dec. 31	6450	1347	131	2326
Tamplet, Paul H. (See Adams, James H., assignor.)						
Tamplin, Clarence, Dayton, Ohio. Bottle-stopper.	864,212	Aug. 27	3290	912	129	3200
Tandy, John L., Kansas City, Mo. Folding bed.	841,280	Jan. 15	2993	651	126	848
Tandy, John L., Kansas City, Mo. Folding bed.	861,779	July 30	5373	1483	129	1834
Tangenberg, Christian, Chicago, Ill. Artificial veneer.	870,394	Nov. 5	838	223	131	276
Tank, William, New Orleans, La. Baker's oven.	853,748	May 14	2798	574-5	128	752
Tannehill, John F., Walnut Grove, Ill. Drinking-fountain.	867,621	Oct. 8	609	172	130	1520
Tanner, Charles A. (See Tanner, Louis E., assignor.)						
Tanner, John, Paterson, assignor of one-half to J. Muth, Newark, N. J. Spring-lever for shades.	864,746	Aug. 27	4143	1150	129	3466
Tanner, Julius R., Pittsburg, Pa. Non-return valve.	840,174	Jan. 1	772	169	126	208
Tanner, Julius R., Pittsburg, and G. J. Stuart, Bellevue, assignors to Pittsburgh Valve, Foundry & Construction Company, Pittsburg, Pa. Valve.	868,030	Oct. 15	1296	358-9	130	1753
Tanner, Louis E., Doigeville, assignor of one-half to C. A. Tanner, Utica, N. Y. Reel.	868,722	Oct. 22	2405	664	130	2120
Tanner, Richard, Lincoln, Nebr. Puzzle.	859,349	July 9	1609	428	129	575
Tanner, Roe, Attica, Ohio. Shock-loading apparatus.	871,456	Nov. 19	2767	697	131	819
Tanquary, Nathan Q., et al. (See Canfield, Frank, assignor.)						
Taplin, Homer E., Lowell, Mass. Picker-stick attachment.	870,749	Nov. 12	1408	381	131	488
Taplin Manufacturing Company. (See Bailey, George F., assignor.)						
Tappen, Andrew. (See Darling, Frank, assignor.)						
Tarantini, Giovanni B. (See Becchi and Tarantini.)						
Tarbell, Leonard F., Dayton, N. Y. Handle for hammers or the like.	851,707	Apr. 30	6032	1261	127	3259
Tarrant, Hugh M., Beulahville, Va. Attachment for mowing-machines.	865,066	Sept. 3	480	132	130	145
Tarte, James W. (See Tarter, Whitefield R. and J. W.)						
Tarte, Whitefield R. and J. W., Bellingham, Wash. Time-controlled stock-feeding apparatus.	868,227	Oct. 15	1578	448	130	1838
Tarter, Daniel T. (See Tarter, William M., W. N., and D. T.)						
Tarter, William M., Rocky Hill Station, W. N. Tarter, Smiths Grove, and D. T. Tarter, Becks Store, Ky. Wheel.	840,881	Jan. 8	2189	482	126	599
Tarter, William N. (See Tarter, William M., W. N., and D. T.)						
Tartsch, Herculan, Königsberg, Germany. Candle-holder.	846,705	Mar. 12	1982	435	127	533
Tartsch, Herculan, Königsberg, Germany. Candle-holder.	846,706	Mar. 12	1982	435	127	533
Tartt, Oscar C., et al. (See Goble, James F., assignor.)						
Tascher, Julius H. (See Smith, Walton D., assignor.)						
Tasker, Fred E., et al. (See Rice, John V., Jr., assignor.)						
Tatarnicoff, Constantin N., Yonkers, N. Y. Surface condenser.	849,866	Apr. 9	2448	501	127	2247
Tate, Alfred O., New York, N. Y. Electrolytic cell.	857,909	June 25	4804	1019	128	3010
Tate, Alfred O., New York, N. Y. Apparatus for treating liquids electrolytically.	857,910	June 25	4807	1019-20	128	3011
Tate, Alfred O., Brooklyn, N. Y. Apparatus for purifying water.	860,771	July 23	3783	1037-8	129	1344
Tate, John L., Jersey City, N. J. Gas-engine system.	862,677	Aug. 6	958	257	129	2380
Tate, John L., Jersey City, N. J. Motive-agent generator.	868,372	Oct. 15	1821	512	130	1910
Tate, Oscar M., Knoxville, Tenn. Cabinet.	851,386	Apr. 23	5367	1124-5	127	3064
Tate, William E., Weatherford, Tex. Baling-press.	848,780	Apr. 2	322	66	127	1668
Tate, William G. (See Vance, Seymour L., assignor.)						
Tatem, Clifford R., Buffalo, N. Y., assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. System of motor control.	850,277	Apr. 16	3183	665	127	2473
Tatge, George H., Randolph, Nebr. Wrench.	856,498	June 11	2089	429	128	2258
Tatman, John C., Denver, Colo. Ore-concentrator.	860,500	July 16	3346	917-18	129	1171
Tatum, Charles A., New York, N. Y. Glass-blowing machine.	851,262	Apr. 23	5110	1075	127	2997
Tatum, Charles A., assignor to Whitall Tatum Company, New York, N. Y. Feeding or medicine cup.	860,501	July 16	3348	918	129	1171
Tatum, Cicero J., assignor of one-half to L. E. Dunn, Port Arthur, Tex. Saw-filing machine.	842,724	Jan. 29	6023	1268-9	126	1682
Tatum, Cicero J., assignor of one-half to J. Van Tyen, Port Arthur, Tex. Door stop and lock.	849,932	Apr. 9	2560	531	127	2276
Tatum, James W., Durham, N. C. Hinge.	844,629	Feb. 19	3794	802	126	2803
Tatum, James W., Durham, N. C. Washboard.	863,467	Aug. 13	2152	581	129	2786
Tatum, John J., Baltimore, Md. Hasp-fastener.	858,679	July 2	553	143	129	192
Tatum, John J., assignor of one-half to A. P. Prendergast, Baltimore, Md. Brake-shoe.	856,188	June 4	1419	300	128	2050
Tatum, John J., Baltimore, Md., assignor to P. H. Murphy, St. Louis, Mo. Car-roof.	865,452	Sept. 10	1076	307	130	356
Tatum, Lewis L., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. System of distribution.	850,278	Apr. 16	3188	665	127	2475
Tatum, Lewis L., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Controller.	870,595	Nov. 12	1125	308	131	397
Tatum, Lewis L., Norwood, Ohio, assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Motor-controller.	870,596	Nov. 12	1129	308-9	131	398
Tauber, Isidor, Vienna, Austria-Hungary. Pneumatic tread for boots and shoes.	850,327	Apr. 16	3281	683	127	2500
Taussig, John H., assignor to United Gas Improvement Company, Philadelphia, Pa. Water-gas apparatus.	869,814	Oct. 29	4104	1133-4	130	2667
Taussig, Joseph, Chicago, Ill. Adjustable leg for show-cases and the like.	843,973	Feb. 12	2227	476	126	2386
Taussig, Maurice, Chicago, Ill. Adjustable support for shelving.	866,695	Sept. 24	2976	844	130	1020
Tavastila, Emil, Donora, Pa. Automatic shut-off for gas-burners.	856,742	June 11	2564	527	128	2379
Taverner, William W., Upper Ballinderry, and A. Gregg, Belfast, Ireland. Potato-planter.	870,856	Nov. 12	1566	430-1	131	539
Taylor, Abraham, Rishton, T. Eaton, and H. Schwarz, Manchester, England. Apparatus for use in starting and controlling electric motors.	873,139	Dec. 10	1741	365	131	1473
Taylor, Abraham L. (See Palmer and Taylor.)						
Taylor, Aiken C., Charleston, S. C. Invalid-bed.	847,619	Mar. 19	3828	837-8	127	1028
Taylor, Albert H. (See Haeseler and Taylor.)						
Taylor, Alexandrina, New York, N. Y. Adjusting device for camera lucidas.	853,136	May 7	1537	320	128	388
Taylor, Alfred J., assignor of one-half to J. H. McClure, Waterville, Ohio. Concrete post and adjustable fastener for wire fences.	858,231	June 25	5471	1167.	128	3182
Taylor, Alfred J., and J. H. McClure, Waterville, Ohio. Gravity tamping and molding machine for plastics.	858,232	June 25	5473	1167-8	128	3182
Taylor, Andrew M., Port Ewen, N. Y. Garment-hanger.	862,769	Aug. 6	1100	296	129	2420
Taylor, Arthur B., Indianapolis, Ind. Chain.	866,980	Sept. 24	3411	966-7	130	1164
Taylor, Arthur G., London, England. Adjustable spanner.	841,602	Jan. 15	3610	784	126	1009
Taylor, Arthur K., Roland Park, assignor of one-half to H. T. Anderson, Baltimore, Md. Printing-press.	869,667	Oct. 29	3890	1070	130	2604
Taylor, Benjamin J., Toledo, Ohio. Heating-stove.	864,041	Aug. 20	3016	834	129	3087
Taylor, Burt E., Wauseon, Ohio, assignor to C. D. Chewning, Randolph, N. Y. Filling-machine.	874,639	Dec. 24	4786	1004-5	131	2034
Taylor, Burt E., Wauseon, Ohio, assignor to C. D. Chewning, Randolph, N. Y. Filling-nozzle for canning machines.	874,874	Dec. 24	5231	1102	131	2109

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Taylor, Calvin C. (See Frank and Taylor.)						
Taylor, Carl T. (See Oberbeck and Taylor.)						
Taylor, Charles A., assignor of one-half to J. W. Hannagan, Madison, Me. Ball-cock valve.	849,933	Apr. 9	2562	531	127	2276
Taylor, Charles A., assignor of twenty-four and three-fourths one-hundredths to C. F. Tonn and twenty-four and three-fourths one-hundredths to J. A. Carpenter, Jacksonville, Ill. Power-transmission device.	848,703	Apr. 2	164	35	127	1628
Taylor, Charles C., G. W. Wood, and M. A. Vincent, San Diego, Cal. Automatic dump-bed.	873,187	Dec. 10	1841	385-6	131	1488
Taylor, Charles C., G. W. Wood, and M. A. Vincent, San Diego, Cal. Dump-bed.	874,875	Dec. 24	5234	1103	131	2110
Taylor, Charles G., Hartford, Conn. Easel and hanger.	871,833	Nov. 26	3526	862	131	971
Taylor, Charles W., New York, N. Y. Shaving-cup.	839,970	Jan. 1	337	74	126	92
Taylor, Charles W., New York, N. Y. Medical battery.	858,117	June 25	5262	1117	128	3127
Taylor, Clarence G. (See Taylor, William C., assignor.)						
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Roller-table.	840,398	Jan. 1	1241	271-2	126	326
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Over-head traveling crane.	841,737	Jan. 22	3892	844	126	1113
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Ingot-stripper.	842,266	Jan. 29	4991	1066	126	1417
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Over-head traveling crane.	843,121	Feb. 5	581	123	126	1943
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Over-head traveling crane.	844,423	Feb. 19	3136	673	126	2650
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Over-head traveling crane.	844,424	Feb. 19	3137	673	126	2650
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Beam-straightening press.	844,425	Feb. 19	3139	674	126	2650
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Traveling crane.	845,380	Feb. 26	5304	1125	126	3226
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Beam-shear.	847,526	Mar. 19	3614	796-7	127	972
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Over-head traveling crane.	848,407	Mar. 26	5405	1178	127	1450
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Ingot-charging crane.	853,482	May 14	2236	466	128	606
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Charging-bar for open-hearth charging-machines.	853,483	May 14	2238	466	128	607
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Over-head traveling crane.	853,484	May 14	2239	466	128	607
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Vertical charging-crane.	858,038	June 25	5092	1078-9	128	3083
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Furnace-charging apparatus.	864,934	Sept. 3	268	71	130	85
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Crane for carrying ladles.	864,935	Sept. 3	269	72	130	85
Taylor, Clarence L., assignor to Morgan Engineering Company, Alliance, Ohio. Vertical charging mechanism.	864,936	Sept. 3	270	72-3	130	86
Taylor, Clarence W., Oak Park, Ill. Train-pipe coupling.	854,124	May 21	3584	739-40	128	984
Taylor, Clark M., et al. (See Taylor, John S., assignor.)						
Taylor, David, Jr., assignor of one-half to W. R. Percy, St. Francisville, La. Grubber.	853,840	May 14	2977	610-11	128	796
Taylor, David W., Washington, D. C. Screw-propeller.	867,853	Oct. 8	954	273	130	1623
Taylor, David W., Washington, D. C., assignor to General Electric Company. Control of motor-operated doors.	868,723	Oct. 22	2408	665	130	2120
Taylor, Dawes, et al. (See Taylor, John S., assignor.)						
Taylor, Edmund B. and F. A., Pittsfield, Me. Book-holder.	860,772	July 23	3786	1038	129	1345
Taylor, Edward. (See Taylor, Robert C. and E.)						
Taylor, Edward K. (See Jepson, Joseph C., assignor.)						
Taylor, Edward R., Penn Yan, N. Y. Electric furnace.	843,776	Feb. 12	1853	394-5	126	2293
Taylor, Edward R., Penn Yan, N. Y. Metallurgical process.	843,777	Feb. 12	1856	395	126	2293
Taylor, Edward R., Trenton, N. J. Casket-shipping strap.	858,680	July 2	554	143	129	192
Taylor, Edward R., Penn Yan, N. Y. Electric furnace.	871,971	Nov. 26	3845	930-1	131	1017
Taylor, Edward S. (See Tolman, Charles P., assignor.)						
Taylor, Edwin, Edwardsville, Kans. Bag-holder.	868,504	Oct. 15	2017	563	130	1970
Taylor, Edwin F., New Decatur, Ala. Rotary engine.	850,450	Apr. 16	3525	737	127	2562
Taylor, Elmer Z., London, England. Label-printing machine.	844,055	Feb. 12	2378	509	126	2420
Taylor, Elmer Z., London, England. Paper-cutting machine.	865,809	Sept. 10	1638	463-4	130	533
Taylor, Elmer Z., London, assignor to Multi-Colour Printing Company (1904) Limited, Westminster, London, England. Printing-machine.	860,621	July 16	3551	975	129	1237
Taylor, Elmer Z., assignor to Multi-Colour Printing Company (1904) Limited, London, England. Printing-machine.	874,640	Dec. 24	4788	1005-6	131	2035
Taylor, Eugene H., Hyde Park, Mass. Making paper boxes.	858,233	June 25	5477	1168	128	3183
Taylor, Eugene H., Hyde Park, Mass. Paste for paper-box machines.	862,031	July 30	5733	1592	129	1994
Taylor, Florence E., assignor of one-third to E. P. Forbes, Boston, Mass. Label-affixing machine.	872,859	Dec. 3	1144	242-3	131	1346
Taylor, Frank H., Toronto, Ohio. Oil-well pump.	854,255	May 21	3835	792	128	1051
Taylor, Fred A. (See Taylor, Edmund B. and F. A.)						
Taylor, Frederick W. (See Bender and Taylor.)						
Taylor, George, Philadelphia, Pa. Haircloth-loom.	850,806	Apr. 16	4198	881-3	127	2731
Taylor, George B. (See Nichols and Taylor.)						
Taylor, George E., St. Louis, Mo. Self-transcribing conductor's train-report.	849,756	Apr. 9	2235	458-9	127	2193
Taylor, George P., Clinton, Mass. Shears.	851,708	Apr. 30	6034	1261	127	3260
Taylor, George W., St. Paul, Minn. Briquet-machine.	860,342	July 16	3110	849-50	129	1092
Taylor, H. Clinton. (See Norris, Charles E., assignor.)						
Taylor, Harry A. (See Ewbank, Herbert B., Jr., assignor.)						
Taylor, Harry P., Salt Lake City, Utah. Pneumatic drill.	841,069	Jan. 8	2561	560	126	695
Taylor, Harry P., Salt Lake City, Utah. Percussive drill.	862,770	Aug. 6	1101	297	129	2420
Taylor, Harry P., assignor of one-fourth to W. P. Keady, Howard, Oreg. Ore-concentrator. (Reissue.)	12,592	Jan. 8	2652	580	126	720
Taylor Iron & Steel Company. (See Guttzeit, Charles W., assignor.)						
Taylor Iron & Steel Company. (See Latimer, Frank, assignor.)						
Taylor, Isaac F., East Dulwich, London, England. Apparatus for raising and lowering goods.	845,143	Feb. 26	4817	1022	126	3105
Taylor, Jack E., Wheeling, W. Va. Air-ship.	849,029	Apr. 2	824	169-70	127	1798
Taylor, James A., Birmingham, Ala. Lifting-jack.	845,144	Feb. 26	4819	1022	126	3106
Taylor, James L., Bloomfield, N. J. Screw-clamp.	867,622	Oct. 8	609	172	130	1520
Taylor, James M., Whittier, Cal. Irrigation head-gate.	863,764	Aug. 20	2600	719	129	2958

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Taylor, James M., assignor of six-sevenths to W. J. Schafer, A. G. Reynolds, J. E. Stockham, J. L. Kaley, C. E. Goddard, Omaha, and E. T. Reid, South Omaha, Nebr. Round-about or carousel.	848,408	Mar. 26	5406	1178-9	127	1451
Taylor, James N., and J. B. Tull, Windsor, Ill. Twine holder and lift.	866,086	Sept. 17	2092	582	130	714
Taylor, John, Manchester, England. Humidifying apparatus.	864,810	Sept. 3	67	20	130	23
Taylor, John, Manchester, England, assignor to General Fire Extinguisher Company, New York, N. Y. Automatic sprinkler.	842,725	Jan. 29	6026	1269	126	1683
Taylor, John, Jr. (See Dunn and Taylor.)						
Taylor, John B. (See Woodbridge and Taylor.)						
Taylor, John B., Schenectady, N. Y., assignor to General Electric Company. Reversing the polarity of dynamo-electric machines.	854,772	May 28	4829	1003	128	1332
Taylor, John B., Schenectady, N. Y., assignor to General Electric Company. Equalizing loads on motor-generator sets.	854,773	May 28	4831	1003	128	1332
Taylor, John B., Schenectady, N. Y., assignor to General Electric Company. High-voltage transformer.	854,774	May 28	4833	1004	128	1333
Taylor, John B., Schenectady, N. Y., assignor to General Electric Company. System of distribution.	873,107	Dec. 10	1683	351	131	1463
Taylor, John D., Wilkesburg, assignor to Union Switch and Signal Company, Swissvale, Pa. Machine for controlling power-operated apparatus connected with railway switches and signals.	863,237	Aug. 13	1842	495-6	129	2690
Taylor, John D., assignor to Union Switch & Signal Company, Swissvale, Pa. Track-relay.	870,139	Nov. 5	409	114	131	136
Taylor, John D., Edgewood Park, assignor to Union Switch and Signal Company, Swissvale, Pa. Mechanical clutch.	870,912	Nov. 12	1657	456	131	569
Taylor, John D., Edgewood Park, assignor to Union Switch & Signal Company, Swissvale, Pa. Block-signaling apparatus.	874,042	Dec. 17	3536	753	131	1804
Taylor, John E., Jackson, Miss. Display-rack.	847,214	Mar. 12	2990	658-9	127	786
Taylor, John H., Normandy, Tenn. Hand-car.	847,030	Mar. 12	2634	580	127	698
Taylor, John H., Waterloo, Nebr. Flexible horse-collar pad.	865,543	Sept. 10	1239	352	130	405
Taylor, John L., Dalton, Pa. Thill-coupling.	873,632	Dec. 10	2707	572	131	1637
Taylor, John L., Benton Harbor, Mich., assignor to Atkinson, Mentzer & Grover, Chicago, Ill. Clasp for loose-leaf ledgers.	861,198	July 23	4440	1217	129	1559
Taylor, John M., et al. (See Nichols, Henry D., assignor.)						
Taylor, John S., assignor of three-fourths to E. D. Morgan, J., C. M., D., and Z. Taylor, Logansport, Ind. Axle-box.	840,399	Jan. 1	1244	272	126	326
Taylor, Joseph, et al. (See Taylor, John S., assignor.)						
Taylor, Joseph R., et al. (See Ward, Dell, assignor.)						
Taylor, Lawrence M., Mulvane, W. Va. Gage for saw-teeth.	854,775	May 28	4834	1004	128	1333
Taylor, Newton M. (See Dunlap, Simon L., assignor.)						
Taylor, Richard, et al. (See Daniel and Keller, assignors.)						
Taylor, Robert, London, England. Tonsillotome and like instrument.	859,150	July 2	1292	344	129	436
Taylor, Robert, New Bedford, Mass. Picker-stick motion for looms.	864,213	Aug. 27	3291	913	129	3201
Taylor, Robert C. and E., Brooklyn, N. Y., assignors to Westinghouse Air-Brake Company, Pittsburg, Pa. Wireless balance for electric generators.	842,358	Jan. 29	5189	1102-3	126	1470
Taylor, Robert L., Memphis, Tenn. Medicine-case.	862,771	Aug. 6	1104	297	129	2421
Taylor, Robert W., Chicago, Ill. Faucet for beer and other carbonated beverages.	874,876	Dec. 24	5236	1103	131	2110
Taylor, Samuel, Birmingham, England. Metallic covering for roofs, walls, and buildings.	844,056	Feb. 12	2381	510	126	2421
Taylor, Samuel J., Grants Pass, Oreg. Fan attachment for rocking-chairs.	839,904	Jan. 1	206	45	126	58
Taylor, Samuel L., Springfield, Mass. Lure for hats.	842,267	Jan. 29	4993	1066	126	1418
Taylor, Stoten A., and C. F. Haldeman, assignors to Silver Manufacturing Company, Salem, Ohio. Gear for feed-cutters.	867,444	Oct. 1	319	93	130	1412
Taylor, Tom, Devonport, near Auckland, New Zealand. Bottle.	856,002	June 4	1076	223	128	1966
Taylor, Tom L., assignor to Pearl Laundry Machinery Company, Atlanta, Ga. Laundry-marking machine.	857,421	June 18	3835	813-14	128	2736
Taylor, Tom L., assignor to Pearl Laundry Machinery Company, Atlanta, Ga. Laundry-marking machine.	857,497	June 18	3985	847	128	2774
Taylor, Walter T. H., Brockton, Mass., W. J. Jenks, New York, N. Y., and R. N. Dyer, East Orange, N. J., assignors to Insulating Staple Company, New York, N. Y. Insulating saddle-staple.	843,916	Feb. 12	2131	455	126	2361
Taylor, Warner V. (See Marshall and Taylor.) (Reissue.)						
Taylor, Warren H., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Safe-bolt mechanism and lock.	840,269	Jan. 1	964	209-10	126	261
Taylor, Warren H., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Dogging mechanism for time and other locks.	842,268	Jan. 29	4995	1066-7	126	1418
Taylor, Warren H., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Dogging mechanism for time-locks.	842,269	Jan. 29	4998	1067	126	1418
Taylor, Warren H., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Mortise-lock.	842,270	Jan. 29	5000	1067	126	1419
Taylor, Warren H., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Lock.	869,533	Oct. 29	3662	1003	130	2536
Taylor, Warren H., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Time-lock.	871,534	Nov. 19	2934	732	131	845
Taylor, Warren H., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Combination-lock.	874,807	Dec. 24	5104	1075	131	2088
Taylor, Warren H., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Cylinder-lock.	874,808	Dec. 24	5106	1076	131	2088
Taylor, William, et al. (See Abraham, Elias, assignor.)						
Taylor, William, Leicester, England. Apparatus for use in the hardening of steel.	874,641	Dec. 24	4791	1006	131	2035
Taylor, William, Carman, Manitoba, Canada. Plow.	875,133	Dec. 31	5790	1209	131	2220
Taylor, William, Youngstown, Ohio, and H. Napay, Pittsburg, Pa. Emergency railway-brake.	868,949	Oct. 22	2747	758	130	2225
Taylor, William C. (See Schell, Christian W., assignor.)						
Taylor, William C., Paris, France, assignor of one-half to C. G. Taylor, Washington, D. C. Vehicle-tire.	872,860	Dec. 3	1148	243	131	1346
Taylor, William D., Hartford, Kans. Mud knife and shield for harvester-wheels.	849,285	Apr. 2	1334	270	127	1929
Taylor, William F., assignor to Charleston Metallic Packing Company, Charleston, S. C. Packing.	866,696	Sept. 24	2978	844	130	1021
Taylor, William H. (See Mitchell and Taylor.)						
Taylor, William J., Philadelphia, Pa. Clamp for drains, traps, &c.	865,810	Sept. 10	1641	464	130	534
Taylor, William T., Chihuahua, Mexico. Transformation of electric currents.	869,595	Oct. 29	3769	1032	130	2569
Taylor, Zachary, et al. (See Taylor, John S., assignor.)						
Tayntor, Charles E., Brooklyn, N. Y. Roof for mausoleums, tombs, vaults, &c.	853,909	May 14	3126	640-1	128	832
Tayntor, Charles E., Brooklyn, N. Y., assignor to C. E. Tayntor Granite Company, Hollowell, Me. Roof for mausoleums, tombs, vaults, &c.	842,590	Jan. 29	5700	1206	126	1602
Tayntor, Charles E., New York, N. Y., assignor to C. E. Tayntor Granite Company, Hollowell, Me. Roof for mausoleums, vaults, &c.	853,657	May 14	2601	540	128	701
Tcherniac, Joseph, Streatham Hill, London, England. Manufacture of sulfocyanid.	862,678	Aug. 6	961		129	2380

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Tea Tray Company. (See Eichhorn, Charles J., assignor.)						
Tea Tray Company. (See Jones, Allan H., assignor.)						
Tea Tray Company. (See Marten, Albert S., assignor.) (Reissue.)						
Tea Tray Company of Newark, N. J. (See Conger, John H. B., assignor.)						
Teague, Charles C., assignor to J. B. Horrell, A. S. Bryant, and Limoneria Company, Santa Paula, Cal. Fruit-crater.	856,993	June 11	3017	635	128	2490
Teague, Samuel S., Washington, D. C., assignor of fifty-one one-hundredths to J. I. Saks. Automatic control device for elevators.	852,357	Apr. 30	7313	1538-9	127	3584
Teague, Samuel S., Washington, D. C., assignor of fifty-one one-hundredths to J. I. Saks. Automatic control device for elevators.	852,358	Apr. 30	7321	1539	127	3588
Teale, Charles E., administrator. (See Davis, Charles N.)						
Teall, William A., Eau Claire, Wis. Hose-nozzle.	871,003	Nov. 12	1812	494	131	616
Teamer, James M. (See Schepman and Teamer.)						
Teas, Daniel H., New Haven, Conn., assignor to Niles-Bement-Pond Company, Jersey City, N. J. Lathe-driver.	853,273	May 14	1820	379	128	494
Teate, Thomas A. (See Atkinson and Teate.)						
Teate, Thomas A., assignor of three-fourths to C. N., E. L., and H. A. Neel, Thomasville, Ga. Sewing-machine attachment.	865,544	Sept. 10	1240	352	130	405
Tebbetts, George S. (See Ferris and Tebbetts.)						
Tebbetts, George S., assignor to L. B. Tebbetts & Sons Carriage Company, St. Louis, Mo. Vehicle-brake.	842,271	Jan. 29	5002	1068	126	1420
Tebbs, Howard, <i>et al.</i> (See Day, Charles D., assignor.)						
Tebbutt, Elizabeth G., Albany, N. Y. Waist.	846,631	Mar. 12	1861	408	127	504
Tebeau, Lewis B., Concord, N. H. Hand-shield.	843,045	Feb. 5	407	89	126	1895
Teden, Frederick. (See Jones, Walter H., assignor.)						
Teel, Richard C., Clanton, Ala. Cotton chopper and cultivator.	847,447	Mar. 19	3467	760	127	932
Teepie, Stephen, Chicago, Ill. Arch-holder.	853,841	May 14	2979	611	128	796
Tees, Frederick G., assignor of one-half to W. G. T. Marcellus, Philadelphia, Pa. Lubricator.	844,211	Feb. 12	2683	574	126	2498
Teesse, William J., assignor to himself and E. E. Cawley, New York, N. Y. Bag, trunk, or similar article.	845,145	Feb. 26	4820	1023	126	3106
Teesse, William J., Balaclava, Victoria, assignor to W. H. Blackham, Melbourne, Australia. Apparatus used for milking cows.	870,395	Nov. 5	840	223	131	276
Teetor, John M., assignor of one-half to C. R. Balke, Indianapolis, Ind. Tenpin.	846,164	Mar. 5	908	191	127	231
Tefft, Charles E. (See Wood and Tefft.)						
Tefft, Charles W., Toledo, Ohio. Car-door.	864,042	Aug. 20	3017	834	129	3087
Tefft, George H., Kansas City, Mo. Pipe-joint.	858,483	July 2	209	48	129	78
Tegeder, William H. (See Eckel and Tegeder.)						
Tejada, Juan D., New York, N. Y. Sludge-removing mechanism for acetylene-gas generators.	841,070	Jan. 8	2564	560-1	126	696
Tejada, Juan de D., New York, N. Y. System for the utilization of heat and power from highly-explosive substances.	860,583	July 16	3473	954-6	129	1213
Tellington, Jesse J., Berlin, N. H. Reel-carrier.	848,932	Apr. 2	659	132	127	1757
Tellschow Gebrüder. (See Hugo, Theodor, assignor.)						
Temper, Adolf, Brooklyn, N. Y., assignor to Hanson & Van Winkle Company. Basket or pail for acid-dipping.	866,087	Sept. 17	2093	582	130	714
Temple, Edward, Springfield, assignor of one-half to H. G. Redmond, Redmonds Mills, Ohio. Automobile.	845,983	Mar. 5	531	110-11	127	137
Temple, Edward Y. (See Grovatt and Temple, assignors.)						
Temple, Henry F., <i>et al.</i> (See Rockwell, Hubert R., assignor.)						
Temple, John. (See Clearwater and Temple.)						
Temple, Robert, Denver, Colo. Speed-controller for electric motors.	844,630	Feb. 19	3796	802-3	126	2804
Temple, Robert, Denver, Colo. Drill-chuck.	844,631	Feb. 19	3798	803	126	2804
Temple, Robert M., Philadelphia, Pa. Dough kneading and balling machine.	860,269	July 16	3000	821	129	1057
Temple, Thomas I., Portland, Oreg. Toy.	864,214	Aug. 27	3292	913	129	3201
Temple, William. (See Grovatt and Temple.)						
Templeton, Henry W., Balaclava, Victoria, Australia. Account or ledger card in book-keeping.	864,872	Sept. 3	173	49	130	55
Templeton, John D., Ada, Ohio. Belt-buckle.	866,982	Sept. 24	3416	968	130	1166
Templeton, William G., Colorado Springs, Colo. Cheese-cutter.	856,499	June 11	2090	430	128	2258
Templeton, William G., Colorado Springs, Colo. Cheese-cutter.	857,498	June 18	3993	850	128	2776
Templeton, William R. (See O'Brien, Walter A., assignor.)						
Templeton, William R., assignor of one-half to W. A. O'Brien, Boston, Mass. Steam-trap.	862,295	Aug. 6	314	89	129	2180
Templeton, William R., assignor of one-half to W. A. O'Brien, Boston, Mass. Steam-trap.	862,296	Aug. 6	317	89-90	129	2181
Templin, Joseph H., Philadelphia, Pa., assignor to Chicago Pneumatic Tool Company, Chicago, Ill. Pneumatic tool.	866,981	Sept. 24	3413	967-8	130	1165
Templin, Richard L., Cleveland, Ohio. Propagator and plant-stand.	866,088	Sept. 17	2094	582-3	130	715
Templin, William, Chicago, Ill. Tie-slide.	874,456	Dec. 24	4401	928	131	1974
Ten Eyck, Frank E., Auburn, N. Y. Air-pump.	858,039	June 25	5094	1079	128	3084
Tenham, Herman, Brandon, Wis. Driving-gear for automobiles.	861,332	July 30	4672	1278	129	1660
Tennant, Edward I., Springfield, Ohio. Pneumatic-tire protector.	849,438	Apr. 9	1622	329	127	2038
Tennant, Palmer. (See Woody, Canby, and Tennant.)						
Tenney, George H., West Townsend, Mass. Bag-rack.	870,259	Nov. 5	605	162	131	198
Terény, John. (See Gálócsy, Báno, and Terény.)						
Terhune, Guy E., W. M. Eidson, and W. B. Huston, Willow Hill, Ill. Party-line telephone system.	854,543	May 21	4354	902	128	1182
Terne, Bruno, Philadelphia, Pa. Utilizing zinc skimmings.	869,750	Oct. 29	4012		130	2640
Terney, Charles F. (See Hildenbrand, Henry, assignor.)						
Terpening, Garret, Jersey City, N. J. Extensible bedstead.	859,994	July 16	2594	706	129	922
Terrell, Albert C., Beaver Dam, Wis. Flue construction for ranges.	856,313	June 11	1702	353	128	2159
Terrell, Elah, Columbus, Ohio. Boat.	872,389	Dec. 3	145	28	131	1190
Terrell, Elah, Columbus, Ohio, assignor to E. V. Gambier, trustee. Type-setting machine.	870,699	Nov. 12	1309	358	131	461
Terriff, William W., Portland, Mich. Gearing for washing-machines.	865,824	Sept. 10	1687	468	130	560
Terrio, Henry A., <i>et al.</i> (See Le Boeuf, Paul R., assignor.)						
Terry, Coleman A., New York, N. Y. Drawing instrument.	855,734	June 4	571	117	128	1842
Terry, Eugene, assignor to E. Meany, Ithaca, N. Y. Powder-dispensing receptacle.	853,658	May 14	2603	540	128	702
Terry, George H., Leslie, assignor of one-half to N. M. Terry, Jackson, Mich. Mold.	843,716	Feb. 12	1746	372	126	2265
Terry, James M., and J. E. White, Anadarko, Okla. Ter. Window-shade-hanging device.	863,468	Aug. 13	2153	581	129	2787
Terry, Norton M. (See Terry, George H., assignor.)						
Terry, Wentworth, <i>et al.</i> (See Rimmelin, Richard, assignor.)						
Terry, William H., Fall River, Mass. Door-check.	852,585	May 7	436	79	128	115
Tesar, Wilhelm. (See Nonnast and Tesar.)						
Tesch, Ernest A. (See Fischer, Joseph B., assignor.)						
Tessarotypie Aktiengesellschaft. (See Reiss, Richard, assignor.)						
Tesseyman, John E. (See Irwin and Tesseyman.)						
Tessier, Philip, Horace, N. D. Belt-fastener.	844,976	Feb. 19	4466	953	126	2975

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Testor, Fredrik, Stockholm, Sweden. Apparatus for automatic lighting of gas-jets and their extinction after a predetermined time.	857,215	June 18	3454	729	128	2641
Teter, William W., <i>et al.</i> (See Nicewarner, Theodore G., assignor.)						
Tetlow, Joseph, assignor of four-fifths to H. R. Jordan, Saco, Me. Trolley	841,467	Jan. 15	3362	727	126	944
Teubner, Frederick, Dallas, Tex. Rail-joint	840,970	Jan. 8	2365	519	126	644
Taufel, Wilhelm J., Stuttgart, Germany. Suspensory bandage	860,584	July 16	3480	956	129	1215
Tewksbury, John W., and T. E. E. Bartlett, assignors to Bartlett-Tewksbury Machinery Mfg. Co., Birmingham, Ala. Steam-engine	860,502	July 16	3349	919-20	129	1172
Texas Implement and Machine Company. (See Schofield and Ray, assignors.)						
Textile Appliance Co. (See Whitney and Ecaubert, assignors.)						
Textile-Finishing Machinery Company. (See Honeyman, Henry W., assignor.)						
Textile Machine Works. (See Janssen, Henry, assignor.)						
Textile Machine Works. (See Rahm, Robert C., assignor.)						
Textile Machine Works. (See Thun, Ferdinand, assignor.)						
Th. Goldschmidt, Firm of. (See Goldschmidt, Hans, assignor.)						
Thacher, John B., Albany, N. Y. Sidewalk-conduit	848,068	Mar. 26	4764	1039	127	1290
Thackray, George E. (See Replogle and Thackray.)						
Thackray, George E., Westmont, Pa. Apparatus for the manufacture of splice-bars	841,354	Jan. 15	3159	679-80	126	893
Thaden, Herman, Atlanta, Ga. Roof structure	844,212	Feb. 12	2685	574	126	2498
Thain, William, Newport, Ky., assignor of one-half to C. A. Rebhun, Norwood, Ohio. Measuring-tool	857,542	June 18	4077	866	128	2799
Thalberg, Maximilian F. (See Volier and Thalberg.)						
Thalman, Ernst. (See Schumacher, Wilhelm, assignor.)						
Thames, Armistead E., Mobile, Ala. Bearing	862,679	Aug. 6	962	257	129	2381
Tharp, Benaiah, Jr. (See Tharp, Ernest and B.)						
Tharp, Ernest, Norfolk, Va., and B. Tharp, Jr., Harrington, Del. Pea and bean harvesting and threshing machine	856,929	June 11	2891	605-6	128	2457
Tharp, Noah W., Elkin, N. C. Canning apparatus	869,751	Oct. 29	4013	1108	130	2640
Tharpe, William H. (See Spurlin, Charles L., assignor.)						
Thatcher, Frederick B., Providence, R. I. Electric-wire connection	871,535	Nov. 19	2936	733	131	845
Thatcher, Frederick B., Providence, R. I. Electric spark-plug	873,968	Dec. 17	3380	719	131	1781
Thatcher, Robert, and W. A. Wedding, Cincinnati, Ohio. Rail-joint	847,130	Mar. 12	2813	622	127	740
Thau, William, Klingenthal, Germany. Machine for shaping the backs and bellies of violins	868,724	Oct. 22	2409	665-6	130	2121
Thayer, Arthur E. (See Hanson and Thayer.)						
Thayer, Arthur E., assignor to Pratt & Whitney Company, Hartford, Conn. Turning attachment for lathes	847,527	Mar. 19	3616	797-8	127	973
Thayer, Edward D., <i>et al.</i> (See Tillman, Thomas W., assignor.)						
Thayer, Emily W., Saxtons River, Vt. Plant-rest	845,669	Feb. 26	5856	1237	126	3361
Thayer, Emily W., Saxtons River, Vt. Window-shelf	869,149	Oct. 22	3049	841	130	2319
Thayer, Eugene B., Jersey City, N. J. Sheet-packing carrier	846,962	Mar. 12	2506	552	127	667
Thayer, Harry A. (See Neville and Thayer.)						
Thayer, Harry M., Woodhull, Ill. Metallic feed-box	839,905	Jan. 1	207	45	126	58
Thayer, Harry M., Woodhull, Ill. Metallic feed-box	846,067	Mar. 5	717	149	127	183
Thayer, James H., assignor to E. Hilker, Chicago, Ill. Syringe	867,445	Oct. 1	321	93	130	1413
Thayer, Joseph E., West Bridgewater, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Sole rounding and channeling machine	845,277	Feb. 26	5088	1081	126	3174
Thayer, Russell. (See Ledwinka, Joseph, assignor.)						
Thayer, Russell. (See Pfatisch, Mathias, assignor.)						
Thayer, Russell, Philadelphia, Pa. Electrically-propelled vehicle	857,686	June 25	4362	922	128	2900
Thayer, Russell, Philadelphia, Pa. Electrically-propelled vehicle	871,457	Nov. 19	2770	698	131	819
Thayer, Samuel E., <i>et al.</i> (See Emerson, Cyrus J., Jr., assignor.)						
Theberath, Frederick W., Lakewood, Ohio. Lawn-edge trimmer	872,861	Dec. 3	1149	243	131	1346
Thebus, George H., Belleville, Ill. Street-flusher	870,700	Nov. 12	1311	359	131	462
Thedorf, William, St. Vincent, Minn. Pick	842,920	Feb. 5	155	35	126	1830
Theede, Nicholas J., Fairmount, N. D. Adjustable bearing	875,389	Dec. 31	6290	1311	131	2301
Theel, Albert, Lynden, Wash. Mower attachment	840,971	Jan. 8	2365	519	126	644
Theil, Fred, Chicago, Ill. Relish set	845,278	Feb. 26	5090	1081	126	3174
Theissen, Nic, and P. T. Becker, Port Washington, Wis. Ash-sifter	868,725	Oct. 22	2411	666	130	2121
Theiss, George W., Pittsburg, Pa. Barge, boat, and similar vessel	852,987	May 7	1264	262	128	322
Theiss, George W., Pittsburg, Pa., R. J. W. Whann and W. J. Englisbee, New Orleans, La. Loading and unloading apparatus	866,166	Sept. 17	2204	613-14	130	751
Thelberg, John, New York, N. Y. Treating zinc and lead ores	851,187	Apr. 23	4951	1041	127	2960
Thelen, Paul. (See Speed and Thelen.)						
Thelin, Oscar A. (See Scott and Thelin.)						
Thelin, William A., Bridgeport, Conn. Protector for planer-ways	848,578	Mar. 26	5721	1252	127	1528
Themke, Louis E. L., Strathcona, Alberta, Canada. Circuit-closer for door-alarms	867,220	Sept. 24	3801	1073	130	1286
Themke, Louis E. L., Strathcona, Alberta, assignor of one-half to F. Scheibal, Edmonton, and J. Dittrich, Strathcona, Canada. Non-refillable bottle	845,015	Feb. 19	4559	970	126	2997
Themke, Louis E. L., Strathcona, Alberta, assignor of one-half to F. Scheibal, Edmonton, and J. Dittrich, Strathcona, Alberta, Canada. Lock	866,697	Sept. 24	2978	845	130	1021
Theobald, Charles H., <i>et al.</i> (See Paulins, George E., assignor.)						
Theobald, George J., Boston, Mass. Saddletree	870,857	Nov. 12	1567	431	131	540
Theobald, George J., assignor of two-thirds to H. H. Reed, Boston, Mass. Cart-saddle for harness	851,784	Apr. 30	6173	1288	127	3296
Theodor Umrath Commanditgesellschaft, Firm of. (See Umrath, Theodor, assignor.)						
Theophil, Henry, Detroit, Mich. Drum-snare	872,476	Dec. 3	342	70	131	1221
Thermograde Valve Company. (See Barnes, Walter E., assignor.)						
Therre, George M., Syracuse, assignor of one-half to T. A. McCarthy, Binghamton, N. Y. Pants	845,488	Feb. 26	5518	1169	126	3278
Therrell, Daniel M., Charleston, S. C. Telephony	865,215	Sept. 3	686	195-7	130	209
Therriault, Lawrence, Missoula, Mont. Sled	869,596	Oct. 29	3771	1032	130	2570
Therriault, Louis P., Bonfield, Ontario, Canada. Can-opener	874,457	Dec. 24	4402	928	131	1974
Therrien, Charles, Sr., Lake Linden, Mich. Wheel-hub	849,286	Apr. 2	1335	270	127	1929
Thew, Anna C., New York, N. Y. Folding bed	861,060	July 23	4240	1162	129	1491
Thibault, Arthur H., Valparaiso, Ind. Pneumatic-spoke wheel	866,537	Sept. 17	2730	763-4	130	915
Thibert, Napoleon R., assignor to Thibert Sanitary Cuspidor & Tool Company, Worcester, Mass. Cuspidor	850,076	Apr. 9	2794	588	127	2331
Thibert Sanitary Cuspidor & Tool Company. (See Thibert, Napoleon R., assignor.)						
Thibodeau, Charles, Somerville, Mass., assignor, by mesne assignments, to P. Duff & Sons, Pittsburg, Pa. Candy-pulling machine	857,770	June 25	4535	957	128	2944
Thibodeau, Charles, Somerville, Mass., assignor, by mesne assignments, to P. Duff & Sons, Pittsburg, Pa. Candy-pulling machine	859,788	July 9	2263	615	129	787
Thiede, Gustav A., Baltimore, Md. Inhaler	848,579	Mar. 26	5722	1252	127	1529
Thiedig, Frank, Chicago, Ill. Lamp-shade	843,974	Feb. 12	2228	477	126	2386

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Thiel, Louis, Cincinnati, Ohio. Dividing-head.	864,873	Sept. 3	174	50	130	55
Thiel, Louis, assignor to Cincinnati Milling Machine Company, Cincinnati, Ohio. Variable-speed mechanism.	840,669	Jan. 8	1770	389	126	497
Thiel, Louis, assignor to Cincinnati Milling Machine Company, Cincinnati, Ohio. Variable-speed mechanism.	840,670	Jan. 8	1772	390	126	497
Thiel, Louis, assignor to Cincinnati Milling Machine Company, Cincinnati, Ohio. Variable-speed mechanism.	840,671	Jan. 8	1774	390	126	497
Thiel, Martin A., Milwaukee, Wis. Single-piece spring-valve.	856,314	June 11	1703	354	128	2159
Thiel, Rudolph, Lübeck, Germany. Heating device for spinning-lathes.	840,270	Jan. 1	965	210	126	261
Thieler, John H., Lenora, Kans. Box.	845,596	Feb. 26	5694	1207	126	3322
Thiem, James E., Raleigh, N. C. Stove-door.	872,694	Dec. 3	789	164	131	1292
Thiem, Walter, Halle-on-the-Saale, Germany, assignor to A. Louis, Paris, France. Car-bureter.	848,933	Apr. 2	661	132	127	1757
Thiem, William R. (See Ripberger, Jacob, assignor.)						
Thiery, Armand A. F., Louvain, Belgium. Loom.	868,228	Oct. 15	1579	448	130	1838
Thill, Peter, and J. H. Klepinger, Great Falls, Mont. Metal-pouring apparatus.	863,469	Aug. 13	2154	582	129	2787
Thissell, Earl A. (See Sawyer, Orren A., assignor.)						
Thistle, Earl A., Lowell, Mass. Warp stop-motion.	871,048	Nov. 12	1876	513	131	637
Thistle Manufacturing Company. (See Christensen, Andrew B., assignor.)						
Thistlethwaite, Charles A., assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machine.	869,944	Nov. 5	99	28	131	33
Thistlethwaite, William P. (See Armitage and Thistlethwaite.)						
Thobe, John A. (See Exterkamp, George J., assignor.)						
Thoenen, David E. (See Eshelman, Stephen F., assignor.)						
Thoenen, William E., McMechen, W. Va. Screen-scraper for coal-tipples.	858,312	June 25	5606	1199-1200	128	3214
Thoenen, Burchard. (See Barnard and Thoenen.)						
Thoenen, Burchard, New York, N. Y. Jet-condenser and centrifugal vacuum-pump.	864,811	Sept. 3	70	20	130	24
Thom, James C. (See Francisco and Thom.)						
Thom, James C., Helmetta, N. J., assignor to American Snuff Company, New York, N. Y. Coating-machine.	861,333	July 30	4674	1278-9	129	1670
Thom, Peter R., Appleton, assignor of two-thirds to Kimberly & Clark Company, Neenah, Wis. Cleansing the screens of pulp-screening machines.	843,185	Feb. 5	711	148	126	1973
Thom, William M. (See Milligan and Thom.)						
Thoma, Andrew, Cambridge, Mass. Machine for making innersoles.	843,975	Feb. 12	2229	477	126	2386
Thoma, Andrew, Cambridge, Mass., assignor to Clifton Manufacturing Company, Jersey City, N. J. Applying reinforcing fabric to innersoles and the like.	853,326	May 14	1958	405	128	535
Thoma, Andrew, Cambridge, Mass., assignor to Thoma Corporation, Portland, Me. Cement composition and making the same.	855,868	June 4	827	.....	128	1903
Thoma, Andrew, Cambridge, Mass., assignor to Thoma Corporation, Portland, Me. Cement package.	862,360	Aug. 6	413	.....	129	2214
Thoma, Andrew, Cambridge, Mass., assignor to Thoma Corporation, Portland, Me. Method of and apparatus for applying and using cement.	862,944	Aug. 13	1369	373	129	2539
Thoma, Andrew, Cambridge, Mass., assignor to Thoma Corporation, Portland, Me. Uniting and molding composite layers.	864,043	Aug. 20	3019	.....	129	3088
Thoma, Andrew, Cambridge, Mass., assignor to North American Chemical Company, New York, N. Y. Innersole-filler.	861,555	July 30	5031	.....	129	1783
Thoma, Charles, Jr., and W. Carlstadt, N. J. Phonograph.	873,969	Dec. 17	3381	719-20	131	1781
Thoma Corporation. (See Thoma, Andrew, assignor.)						
Thoma, Walter. (See Thoma, Charles, Jr., and W.)						
Thomann, Paul, Halle-on-the-Saale, Germany. Brick-press.	845,146	Feb. 26	4822	1023	126	3106
Thomas, A. B. (See Thomas, Clifford E., assignor.)						
Thomas, Abe, Cynthia, Ky. Journal-box.	872,695	Dec. 3	790	164-5	131	1293
Thomas, Albert R. (See Westlake and Thomas.)						
Thomas, Alfred, et al. (See Nims, Francis W., assignor.)						
Thomas, Andrew J. (See Martin, Thomas and Russell.)						
Thomas, Augustus O., Kearney, Nebr. Concrete-block machine.	849,704	Apr. 9	2136	439	127	2166
Thomas, Benjamin A., Paducah, Ky. Land-roller.	855,075	May 28	5474	1136	128	1496
Thomas & Betts Company. (See McMurtrie, Adnah, assignor.)						
Thomas Bros. Mfg. Co. (See Thomas, Horatio, assignor.)						
Thomas, Cassius M., Camden, Ohio. Coasting-sled.	868,031	Oct. 15	1297	359	130	1753
Thomas, Charles, Newton Abbot, England. Talking-machine.	842,982	Feb. 5	273	60	126	1858
Thomas, Charles, Newton Abbot, England. Talking-machine.	842,983	Feb. 5	274	60	126	1858
Thomas, Charles, Sr., Tecumseh, Okla. Ter. Adjustable sawing-machine.	848,327	Mar. 26	5248	1145	127	1412
Thomas, Charles F., Buckeystown, Md., and E. Schnitt, Washington, D. C. Combined shovel-scraper and dump-wagon.	848,508	Mar. 26	5587	1220-1	127	1493
Thomas, Charles H., Columbus, assignor of one-half to D. J. Lamp, Reynoldsburg, Ohio. Adjustable trestle.	860,161	July 16	2838	775	129	1004
Thomas, Clifford E., Syracuse, N. Y., assignor of one-half to A. R. Thomas, Kalamazoo, Mich. Sash-fastener.	854,854	May 28	4988	1038	128	1372
Thomas, Cordula M., Middletown, Ohio. Air-controller for piano-players.	868,229	Oct. 15	1581	449	130	1839
Thomas, David. (See Stubert, Henry, assignor.)						
Thomas, David, San Francisco, Cal. Anchor for air-ships.	856,003	June 4	1078	224	128	1966
Thomas, David N., and L. O. Burk, Corning, Ark. Mold.	854,613	May 21	4485	935	128	1214
Thomas, Eddy T., New York, N. Y. Rotary engine.	861,918	July 30	5577	1541	129	1946
Thomas, Edward B., Columbus, Ohio. Telephone attachment.	854,971	May 28	5229	1089	128	1435
Thomas, Edward G., Brookline, Mass. Belt conveyor.	857,771	June 25	4537	958	128	2945
Thomas, Edward G., Brookline, Mass. Belt conveyor.	857,772	June 25	4539	958	128	2945
Thomas, Edward G., New York, N. Y., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Carrier for pneumatic-despatch tubes.	861,334	July 30	4679	1279	129	1673
Thomas, Edward G., Boston, Mass., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Conveyor for newspapers and the like.	873,633	Dec. 10	2708	572-3	131	1637
Thomas, Edward M., Norway, Me. Broom-moistener.	872,696	Dec. 3	791	165	131	1293
Thomas, Eliga M., assignor of six-tenths to W. H. Ector and R. E. Rain, Texarkana, Tex. Well-bucket.	862,032	July 30	5735	1592	129	1994
Thomas, Frank A., assignor to Sheffield Car Company, Three Rivers, Mich. Valve-gear for gas engines or motors.	855,146	May 28	5603	1166	128	1527
Thomas, Frank D., New York, N. Y. Illusion apparatus.	863,470	Aug. 13	2155	583	129	2787
Thomas, Frank L., Greencastle, Ind. Tooth for excavating-shovels. (Reissue.)	12,608	Feb. 12	2918	620	126	2556
Thomas, Frank L. (See Bensinger and Thomas.)						
Thomas, Frank S., assignor to R. M. Ford, New York, N. Y. Mop.	863,561	Aug. 13	2293	627	129	2828
Thomas, Frank S., assignor to R. M. Ford, New York, N. Y. Combined scrubber and mop.	871,246	Nov. 19	2292	599	131	748
Thomas, Frank W., Toledo, Ohio. Folding-machine.	866,746	Sept. 24	3061	863-4	130	1055
Thomas, Frank W., Toledo, Ohio. Printed-sheet-receiving table for printing-presses.	867,684	Oct. 8	693	195	130	1545
Thomas, Franklin S. and L., New York, N. Y. Window-cleaner.	870,482	Nov. 5	961	263	131	312
Thomas, Frederick, Newark, N. J. Combined ladder and jack.	847,528	Mar. 19	3618	798	127	973

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Thomas, Frederick R. H., Troy, N. Y. Carbonator.....	843,778	Feb. 12	1858	396	126	2293
Thomas, G. Edwin. (See Sharp, Frank E., assignor.)						
Thomas, George, Endicott, Va. Milk-pail.....	846,261	Mar. 5	1078	233	127	275
Thomas, George A. (See Thomas, William H., assignor.)						
Thomas, George B., assignor of one-half to G. W. Goodridge, Bridgeport, Conn. Cutter for metal-working tools.....	845,489	Feb. 26	5519	1169	126	3278
Thomas, George B., assignor to Bryant Electric Company, Bridgeport, Conn. Electrical rosette.....	849,934	Apr. 9	2563	531	127	2277
Thomas, George B., and G. W. Goodridge, assignors to Bryant Electric Company, Bridgeport, Conn. Incandescent-lamp socket.....	843,310	Feb. 5	975	200	126	2037
Thomas, George H., <i>et al.</i> (See Amsbury, William N., assignor.)						
Thomas, George J., assignor of five-eighths to C. Smith, Irwin, Pa. Switch-throwing device.....	852,401	Apr. 30	7419	1556-7	127	3611
Thomas, George J., Watertown, assignor to C. E. Chester, Boston, Mass. Valve.....	857,848	June 25	4687	994	128	2981
Thomas, George N., Pacific, Mo. Well-drilling machine.....	846,165	Mar. 5	908	191-2	127	231
Thomas, Gwilym G., Amite, La. Railway train-order system.....	849,935	Apr. 9	2564	531	127	2277
Thomas, H. G. (See Ricketts, James R., assignor.)						
Thomas, Harry, New York, N. Y. Combination-door.....	867,446	Oct. 1	322	94	130	1413
Thomas, Henry O., Harrisburg, Nebr. Combined mop head and wringer.....	848,781	Apr. 2	324	66	127	1669
Thomas, Horace T., assignor to Reo Motor Car Company, Lansing, Mich. Change-speed gear.....	850,857	Apr. 16	4321	906-7	127	2764
Thomas, Horace T., assignor to Reo Car Co., Lansing, Mich. Cooler.....	851,844	Apr. 30	6306	1315-16	127	3332
Thomas, Horatio, assignor to Thomas Bros. Mfg. Co., Chicago, Ill. Self-locking shelf-bracket.....	857,543	June 18	4078	866	128	2759
Thomas, Howard W., Charlevoix, Pa. Car-brake.....	862,215	Aug. 6	170	48	129	2137
Thomas, James, Tacoma, Wash. Mold.....	849,936	Apr. 9	2565	532	127	2277
Thomas, James, Allegheny, Pa. Hat-pin.....	858,118	June 25	5265	1118	128	3129
Thomas, James, Joliet, assignor of one-fourth to J. Mabius, East Peoria, Ill. Rail-splice.....	855,265	May 28	5826	1214	128	1586
Thomas, James A., Callaway, Va. Picture-mat.....	842,272	Jan. 29	5003	1068	126	1420
Thomas, James M., Talladega, Ala. Chock.....	849,937	Apr. 9	2566	532	127	2277
Thomas, James R., assignor to Thomas Nut-Lock Company, Huntington, W. Va. Nut-lock.....	844,972	Feb. 19	4455	952	126	2971
Thomas, Jesse B., Boston, assignor of one-half to A. J. Knight, Brookline, Mass. Chemical fire-extinguisher.....	854,614	May 21	4486	936	128	1215
Thomas, Jesse B., Boston, assignor of one-half to A. J. Knight, Brookline, Mass. Chemical fire-extinguisher.....	857,544	June 18	4079	866	128	2700
Thomas, Jesse F., New London, Wis. Automatic clutch-coupling for shafts.....	849,288	Apr. 2	1341	271	127	1930
Thomas, Jesse F., and H. J. Bolinski, New London, Wis. Sparking plug for gas-engines.....	864,709	Aug. 27	4086	1136	129	3449
Thomas, John, near Coventry, England. Means for imparting motion or power.....	854,776	May 28	4835	1004	128	1333
Thomas, John E., <i>et al.</i> (See Schneeloch, August, assignor.)						
Thomas, Joseph M., Brookland, D. C. Font.....	848,069	Mar. 26	4765	1040	127	1290
Thomas Laughlin Company. (See Christensen, Bott, and Wilbur, assignors.)						
Thomas Laughlin Company. (See MacDonald, Aldebert H., assignor.)						
Thomas Laughlin Company. (See McBride, William, assignor.)						
Thomas, Leopold. (See Thomas, Franklin S. and L.)						
Thomas Maddock's Sons Company <i>et al.</i> (See Kelly, John F., assignor.)						
Thomas Maddock's Sons Company. (See Kelly and Maddock, assignors.)						
Thomas Manufacturing Company. (See Pelton, Charles H., assignor.)						
Thomas Nut-Lock Company. (See Thomas, James R., assignor.)						
Thomas, Omer, Bedford, and G. Blackwell, Guthrie, Ind., assignors to Ingersoll-Rand Company, New York, N. Y. Screw-fed machine.....	845,379	Feb. 26	5302	1124	126	3225
Thomas, Otto E., Auburn, Cal. Bottle-washer.....	852,471	May 7	175	31	128	53
Thomas, Owen W., assignor to A. Helwig, St. Paul, Minn. Pneumatic tool.....	870,523	Nov. 5	1021	278	131	329
Thomas, Percy F., El Paso, Tex. Internal-combustion engine.....	866,538	Sept. 17	2733	764-5	130	916
Thomas, Percy H., East Orange, N. J., assignor to Cooper Hewitt Electric Company, New York, N. Y. Vacuum apparatus.....	845,670	Feb. 26	5858	1237	126	3361
Thomas, Percy H., East Orange, N. J., assignor to Cooper Hewitt Electric Company, New York, N. Y. Means for creating a vacuum.....	845,671	Feb. 26	5860	1237	126	3362
Thomas, Percy H., East Orange, N. J., assignor to Cooper Hewitt Electric Company, New York, N. Y. Protecting device for vapor apparatus.....	845,722	Feb. 26	5962	1259	126	3388
Thomas Potter Sons & Company. (See Snow, William D., assignor.)						
Thomas, Reginald C., Chesuncook, Me. Firearm.....	842,436	Jan. 29	5384	1139	126	1527
Thomas, Richard H., Chicago, Ill. Humidity-reducing apparatus.....	871,194	Nov. 19	2175	579	131	730
Thomas, Robert P., Eagle Pass, Tex. Shoe-tongue support.....	858,681	July 2	555	143	129	192
Thomas, Stephen E., Hagan, Ga. Gin-feeder.....	841,825	Jan. 22	4095	881	126	1167
Thomas, Thomas, Mountain Ash, England. Belt and shield.....	852,638	May 7	531	100-1	128	139
Thomas, W. Frank, <i>et al.</i> (See Schmitt, Edward D., assignor.)						
Thomas, Walter, Vancouver, British Columbia, Canada. Split sleeve.....	867,169	Sept. 24	3711	1050	130	1258
Thomas, Walter B., Chicago, Ill., assignor to National Concessions Company of Chicago. Amusement apparatus.....	858,768	July 2	700	185	129	243
Thomas, Walter J., Oakland, Cal. Game apparatus.....	852,985	Apr. 30	6817	1420-1	127	3462
Thomas, Wilhelm, Duisburg-Meiderich, Germany. Device for marking the lengths of rails or the like.....	841,355	Jan. 15	3161	680	126	893
Thomas, William H., Ermelo, Transvaal. Billiard-cue.....	846,166	Mar. 5	909	192	127	232
Thomas, William H., assignor of one-half to G. A. Thomas, Syracuse, N. Y. Folding chair.....	870,260	Nov. 5	607	163	131	198
Thomas, William J. (See Worley and Thomas.)						
Thomas, William M., assignor of one-half to O. Eisenschiml, Chicago, Ill. Polarized electric signal-bell.....	846,522	Mar. 12	1623	360	127	442
Thomas, William M., assignor of one-half to O. Eisenschiml, Chicago, Ill. Electric signal system.....	849,287	Apr. 2	1336	270-1	127	1929
Thomas, William M., and W. H. Leach, Jr., assignors to Union Metallic Cartridge Company, Bridgeport, Conn. Measuring-machine.....	866,747	Sept. 24	3064	864	130	1056
Thomas, William S., Eaton, Colo. Concrete-tile mold.....	873,634	Dec. 10	2709	573	131	1637
Thomas, William W., West Pawlet, Vt. Penholder.....	870,396	Nov. 5	843	223	131	277
Thomas, Willie O., Riverside, and H. G. Moore, Chicago, Ill. Automobile-body.....	872,031	Nov. 26	3996	959-60	131	1037
Thomaschewski, Paul, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Anthraquinone derivative.....	853,041	May 7	1377	.....	128	350
Thomaschewski, Paul, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Anthraquinone derivative.....	875,390	Dec. 31	6291	.....	131	2301
Thomassen, Thomas, Minneapolis, and G. F. Keil, Sherburn, Minn. Lawn edger and trimmer.....	859,263	July 9	465	300	129	527
Thomasson, Hugh W., St. Louis, Mo. Corn-planter.....	844,550	Feb. 19	3408	734	126	2715
Thomlinson, Joseph, Portland, Oreg. Preserving fish.....	850,451	Apr. 16	3528	.....	127	2563
Thompson, Addison, Pittsburg, Pa. Apparatus for fire-finishing glassware.....	858,484	July 2	210	49	129	78
Thompson, Albert, Fullerton, Nebr. Chair attachment.....	854,544	May 21	4360	903	128	1182

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Thompson, Albert, Newburgh, N. Y. Pick having detachable points.	855,677	June 4	445	93	128	1810
Thompson, Albert, Newburgh, N. Y. Combined tool-post die-holder and adjustable threading-die.	858,485	July 2	211	49	129	79
Thompson, Albert W., Manchester, N. H. Humidifying apparatus.	869,945	Nov. 5	100	28	131	34
Thompson, Aldon F., Conyers, Ga. Combination ledger and index.	840,175	Jan. 1	774	169-70	126	209
Thompson, Amon, and G. P. Laberee, Salem, Oreg. Gang-plow.	865,825	Sept. 10	1689	468-9	130	560
Thompson, Andrew F., Hornick, Iowa. Nut-lock.	846,262	Mar. 5	1079	234	127	275
Thompson, Andrew J., Chicago, Ill. Egg-beater.	846,763	Mar. 12	2099	461	127	564
Thompson, Arthur G., New York, N. Y., assignor to A. Kimball Company. Pin-ticket.	862,419	Aug. 6	518	139	129	2247
Thompson, Ashley S., Chicago, Ill. Modifier for phonographs.	840,526	Jan. 8	1496	332	126	428
Thompson, Augustus F., Huntington, W. Va. Inverted gas-burner.	861,619	July 30	5131	1408	129	1813
Thompson, Carl P., assignor of three-fourths to W. E. Keyes, F. L. Buckio, and J. C. Smith, Salem, Oreg. Grain-treating apparatus.	875,635	Dec. 31	6868	1433	131	2380
Thompson, Cecil H., Toronto, Ontario, Canada. Ventilating water-closet.	858,427	July 2	99	28	129	34
Thompson, Channing M., Newark, Ohio. Nut-lock.	840,527	Jan. 8	1498	332	126	429
Thompson, Channing M., Newark, Ohio. Hose-clamp.	847,620	Mar. 19	3830	838	127	1028
Thompson, Charles C. (See Thornhill and Thompson.)						
Thompson, Charles G., Wilkensburg, Pa. Clothes-line fastener.	864,937	Sept. 3	273	73	130	87
Thompson, Charles H., Muncie, Ind. Lock for stop-cocks.	852,303	Apr. 30	7212	1514	127	3559
Thompson, Charles M., assignor to Charles M. Thompson Company, Chicago, Ill. Automatic telephone-switch.	857,966	June 25	4940	1045	128	3044
Thompson, Daniel E., Danville, Ill. Car-buffer.	861,061	July 23	4241	1162	129	1492
Thompson, Edward, Minneapolis, Minn. Seed-separator.	871,536	Nov. 19	2938	733	131	845
Thompson, Edward G. (See Everett and Thompson.)						
Thompson, Ernie A. (See Truesdale and Thompson.)						
Thompson, Everett E., Kaufman, Tex. Stove-flue.	843,375	Feb. 5	1083	2146	224	206
Thompson, Everett L., New York, N. Y. Dry-pipe valve for automatic-sprinkler systems.	855,076	May 28	5474	1136	128	1497
Thompson, Everett L., New York, N. Y. Sprinkler alarm device.	855,077	May 28	5477	1136	128	1498
Thompson, Everett L., New York, assignor to Manufacturers' Automatic Sprinkler Co., Syracuse, N. Y. Automatic sprinkler system.	864,393	Aug. 27	3551	987	129	3280
Thompson, Frank. (See Pero, Charles, Jr., assignor.)						
Thompson, Frank E., Tiskilwa, Ill. Railway-car.	870,397	Nov. 5	844	224	131	278
Thompson, Frank J., Fargo, N. D. Eyeglass-holder.	851,327	Apr. 23	5251	1101	127	3036
Thompson, Frank L., Wheatland, Okla. Ter. Tail-block for sulky-plows.	860,704	July 23	3682	1007	129	1313
Thompson, Frank M. (See Clark, James H., assignor.)						
Thompson, Frank M., et al. (See Conkle, William G., assignor.)						
Thompson, Fred P., et al. (See Ferguson, George C., assignor.)						
Thompson, Frederick W., New York, N. Y. Amusement device.	861,919	July 30	5579	1541	129	1947
Thompson, Garfield O., Sanborn, N. D. Stamp-affixing machine.	857,499	June 18	3995	850-1	128	2777
Thompson, Guy M., assignor of one-half to C. S. Follett, Seattle, Wash., S. E. Lancaster and J. A. Meyer, Le Claire, Iowa. Railway-switch.	866,983	Sept. 24	3417	968	130	1166
Thompson, H. F. (See Godfrey, Raleigh W., assignor.)						
Thompson, H. F. (See Petmecky, Fred, assignor.)						
Thompson, Harry, Council Bluffs, Iowa. Metallic packing.	858,119	June 25	5266	1118	128	3129
Thompson, Harvey W., Atlantic City, N. J. Carpenter's square.	854,125	May 21	3587	740	128	984
Thompson, Henry. (See Feazell and Thompson.)						
Thompson, Henry A., Loogootee, Ind. Nut-lock.	874,642	Dec. 24	4792	1006	131	2035
Thompson, Henry B., Philadelphia, Pa., assignor to J. Boyle, Brooklyn, N. Y. Hospital-tent.	844,632	Feb. 19	3800	803-4	126	2805
Thompson, Henry E., Denton, Tex. Washing-machine.	849,090	Apr. 2	952	194-5	127	1830
Thompson, Herbert C., Hopedale, Ind. Safety-bridle.	844,833	Feb. 19	4217	899	126	2913
Thompson, James A., E. M. Mackie, and P. F. Doyle, Chicago, Ill., assignors to Chicago Pneumatic Tool Company. Self-tightening rock-drill chuck.	871,972	Nov. 26	3849	931	131	1017
Thompson, James C., Salem, Va. Metallic railway-tie.	871,049	Nov. 12	1877	514	131	637
Thompson, James P., Hagan, Ga. Boiler-flue cleaner.	843,976	Feb. 12	2231	477	126	2387
Thompson, James S., Chicago, Ill. Brake-shoe.	861,556	July 30	5033	1382	129	1783
Thompson, James T., assignor of one-half to C. S. Rosenthal and T. P. Galligan, Chicago, Ill. Automatic apparatus for stopping moving railway-trains.	869,597	Oct. 29	3772	1033	130	2570
Thompson, James T., assignor of two-thirds to C. S. Rosenthal and T. P. Galligan, Chicago, Ill. Controlling apparatus for railway-trains.	869,598	Oct. 29	3776	1033-4	130	2571
Thompson, Jesse M., Chicago, Ill. Surface condenser.	860,620	July 16	3550	974	129	1236
Thompson, John A., Seattle, Wash. Nail-extractor.	845,672	Feb. 26	5861	1238	126	3362
Thompson, John E., Worcester, Mass. Exercising-machine.	861,620	July 30	5132	1409	129	1813
Thompson, John S., Conyers, Ga. Binder for loose-leaf ledgers.	859,630	July 9	2026	547	129	709
Thompson, John W., Covington county, Miss. Knife for stripping and cutting cane.	862,297	Aug. 6	323	90	129	2184
Thompson, John W., Raleigh, and T. J. Newsom, Clinton, assignors to said Thompson, said Newsom, and A. P. McPherson, Lillington, N. C. Obtaining turpentine from wood.	862,680	Aug. 6	963	257	129	2381
Thompson, Joseph H., and J. Murphy, Passaic, N. J. Sewing-machine table.	845,490	Feb. 26	5520	1169-70	126	3278
Thompson, Joseph H., and J. Murphy, Passaic, N. J. Mangle.	863,671	Aug. 20	2467	680-1	129	2915
Thompson, Jovita B., Denton, Tex. Skinning fruit.	843,311	Feb. 5	976		126	2037
Thompson, Lars O. T., assignor to C. P. J. Jonsson, Stockholm, Sweden. Automatic selling and delivering apparatus.	845,984	Mar. 5	535	111-12	127	138
Thompson, Lars O. T., assignor to C. P. J. Jonsson, Stockholm, Sweden. Automatic selling and delivering apparatus for liquids.	857,545	June 18	4082	866-7	128	2800
Thompson, Lewis P., Minneapolis, Minn. Floor-scraper.	864,874	Sept. 3	176	50	130	75
Thompson, Lloyd E., De Kalb, Ill. Explosive-engine.	873,808	Dec. 17	3062	651	131	1728
Thompson, Ludvig, Denver, Colo. Combined pincushion and spool-holder.	848,409	Mar. 26	5410	1180	127	1452
Thompson, Milton O., Wollaston, assignor of one-half to C. S. Gooding, trustee, Brookline, Mass. Handle-making machine.	865,001	Sept. 3	374	100-2	130	117
Thompson, Myra B., et al. (See Burn, James, assignor.)						
Thompson, Myrtle W., Fruitland, Wash. Wrench.	849,439	Apr. 9	1623	329	127	2039
Thompson, Nels P., Chicago, Ill. Baby folding bed.	854,441	May 21	4176	865-6	128	1139
Thompson, Percy. (See Gerard, Léon, assignor.)						
Thompson, Philip H., Waldron, Ark. Device for protecting safes and vaults.	846,523	Mar. 12	1624	360	127	442
Thompson, Ralph P. (See Koeb, Emil, assignor.)						
Thompson, Ralph P., assignor to Robbins and Myers Company, Springfield, Ohio. Bearing.	862,216	Aug. 6	172	48	129	2137
Thompson, Ralph P., and E. Koeb, Springfield, Ohio. Automobile.	842,591	Jan. 29	5703	1206	126	1603
Thompson, Ralph P., and E. Koeb, Springfield, Ohio. Steering mechanism for automobiles.	869,994	Nov. 5	194	50-1	131	68
Thompson, Reinard, Somerville, Mass. Tailor's measure.	860,773	July 23	3788	1038	129	1346
Thompson, Robert, Rochester, N. Y. Gas-burner.	862,772	Aug. 6	1105	298	129	2421
Thompson, Robert M. (See Coats and Thompson.)						
Thompson, Robert M., Tacoma, Wash. Gate.	863,471	Aug. 13	2157	583	129	2788
Thompson, Thomas, Central Village, Conn. Stop-motion for looms.	845,279	Feb. 26	5092	1081	126	3175
Thompson, Thomas, New London, Wis. Trace-holder.	858,922	July 2	953	249	126	327

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Thompson, Ulysses G., Oneida, Ohio. Filtering-can.....	862,420	Aug. 6	519	139	129	2248
Thompson, Wilbur H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Potential-regulator.....	851,709	Apr. 30	6037	1261-2	127	3261
Thompson, Wilbur H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical apparatus.....	854,316	May 21	3937	813	128	1079
Thompson, Wilbur H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical apparatus.....	862,361	Aug. 6	415	113	129	2214
Thompson, William, and J. C. Martin, Spokane, Wash.; said Martin assignor to said Thompson. Hygienic cartridge-battery.....	869,599	Oct. 29	3780	1034	130	2572
Thompson, William A., and G. E. Boyer, Camden, N. J. Metal-shears.....	860,503	July 16	3352	920	129	1172
Thompson, William E., Tecumseh, Nebr. Fruit-gatherer.....	863,672	Aug. 20	2468	681	129	2916
Thompson, William H., East Stroudsburg, Pa. Apparatus for molding fiber bobbins.....	863,472	Aug. 13	2158	584	129	2788
Thompson, William H., Bonners Ferry, Idaho. Combination-engine.....	864,273	Aug. 27	3379	939-40	129	3227
Thompson, William J., Duke, N. C. Spinning-frame.....	847,621	Mar. 19	3832	838	127	1029
Thompson, William R., South Norwalk, assignor of one-half to K. W. Mansfield, Norwalk, Conn. Switch.....	846,764	Mar. 12	2100	461	127	564
Thoms, Charles F., Chicago, Ill. Egg-carrier.....	853,383	May 14	2061	427	128	561
Thoms, Frederick, San Francisco, Cal. Awning.....	848,509	Mar. 26	5589	1221	127	1494
Thoms, Frederick, San Francisco, Cal. Awning.....	868,146	Oct. 15	1455	410	130	1801
Thomsen, August, Glendale, N. Y. Calipers.....	868,896	Oct. 22	2662	736	130	2199
Thomson, Albert E., Sioux Falls, S. D. Measuring device.....	875,470	Dec. 31	6451	1347	131	2327
Thomson, Alfred J., Boston, Mass. Die-press.....	867,540	Oct. 1	476	136-7	130	1461
Thomson, Archibald G. (See Thomson, William and A. G.).....						
Thomson, Benjamin T. L., Clapham Common, England. Hydraulic clutch.....	848,510	Mar. 26	5591	1221-2	127	1494
Thomson, Charles A., Belleville, N. J. Dough-molding machine.....	856,555	June 11	2203	453-4	128	2285
Thomson, Charles A., assignor to C. A. Thomson Machine Company, Belleville, N. J. Machine for molding plastic material.....	845,597	Feb. 26	5695	1207-8	126	3322
Thomson Electric Welding Company. (See Rietzel, Adolph F., assignor.).....						
Thomson, Elihu, Swampscott, Mass. Oil or gas engine.....	848,607	Mar. 26	5782	1262	127	1544
Thomson, Elihu, Swampscott, Mass., assignor to Aeolian Company, New York, N. Y. Music-sheet-guiding device.....	841,356	Jan. 15	3162	680	126	893
Thomson, Elihu, Swampscott, Mass., assignor to General Electric Company. Electric meter.....	854,777	May 28	4836	1004-5	128	1333
Thomson, Elihu, Swampscott, Mass., assignor to General Electric Company. Apparatus for muffling the exhaust of gas-engines.....	854,778	May 28	4839	1005-6	128	1334
Thomson, Elihu, Swampscott, Mass., assignor to General Electric Company. Electric heater.....	857,122	June 18	3275	690	128	2596
Thomson, Elihu, Swampscott, Mass., assignor to General Electric Company. Unipolar generator.....	859,350	July 9	1610	428	129	575
Thomson, Francis M. (See Hemenway and Thomson.).....						
Thomson, George M., London, England. Device for developing the lungs.....	856,432	June 11	1977	407	128	2229
Thomson, Hedley J., Lincoln, England. Portable stretcher, couch, hammock, or chair.....	856,315	June 11	1705	354	128	2160
Thomson, Henry C., assignor to Electric Gas Lighting Company, Boston, Mass. Battery-zinc.....	866,748	Sept. 24	3066	864	130	1057
Thomson, Hibbard H., Lawrence, Kans. Ladder.....	864,044	Aug. 20	3021	834-5	129	3088
Thomson, Hugh A., Shawlands, Scotland. Crane.....	868,032	Oct. 15	1299	359-60	130	1753
Thomson, James, and E. Schwamberger, Pittsburg, Pa. Motor.....	869,109	Oct. 22	2982	824	130	2299
Thomson, James M. (See Nathan, Thomson, Rintoul, and Scott.).....						
Thomson, Jesse O., Philadelphia, Pa. Pneumatic tire.....	856,743	June 11	2567	528	128	2379
Thomson, John, Wilkinsburg, Pa. Educational device.....	853,042	May 7	1378	286	128	350
Thomson, John, and F. W. Kremer, assignors to Trident Tire Company, New York, N. Y. Wheel.....	854,063	May 21	3462	713-14	128	955
Thomson, John C., Rock Island, Ill. Mailing-machine.....	867,447	Oct. 1	323	94-5	130	1414
Thomson, Peter M., New York, N. Y. Plastering apparatus.....	866,984	Sept. 24	3418	969	130	1166
Thomson, Samuel G. (See Thomson, William F. and S. G.).....						
Thomson, Stewart C., Arrowsmith, Ill. Retinoscope.....	868,373	Oct. 15	1822	513	130	1910
Thomson-Thomson Company. (See Thomson, William F. and S. G. assignors.).....						
Thomson, William and A. G., assignors to Fox Optical Manufacturing Company, Philadelphia, Pa. Eyepiece for optical instruments.....	843,502	Feb. 5	1326	279	126	2125
Thomson, William and A. G., assignors to Fox Optical Manufacturing Company, Philadelphia, Pa. Optometer.....	843,503	Feb. 5	1327	279	126	2126
Thomson, William, Largs, and F. W. Clark, Glasgow, Scotland. Navigational sounding-machine.....	852,810	May 7	895	182	128	228
Thomson, William, Largs, Scotland, R. Blakiston, W. Hope, and G. B. Richards, assignors to Palatine Engineering Company, Limited, Liverpool, England. Liquid-meter.....	848,704	Apr. 2	165	35-6	127	1629
Thomson, William P., Philadelphia, Pa. Rail-joint.....	872,477	Dec. 3	343	70-1	131	1221
Thomson, William P., Lansdowne, and S. G. Thomson, Altoona, assignors to Thomson-Thomson Company, Philadelphia, Pa. Rail-joint.....	846,524	Mar. 12	1625	361	127	442
Thomure, Arthur, Granite City, Ill. Rotary engine.....	868,374	Oct. 15	1823	513-14	130	1911
Thorburn, Walter, Seattle, Wash. Combination hand-level and triangle.....	857,687	June 25	4364	923	128	2901
Thorburn, Walter, Seattle, Wash. Hand-level and triangle.....	857,688	June 25	4366	923	128	2901
Thoré, Wendell P., Boston, Mass. Heel and toe stiffener for boots and shoes.....	856,930	June 11	2893	606	128	2458
Thorer, Max, Leutzsch, near Leipzig, Germany. Apparatus for stretching hides and skins.....	868,033	Oct. 15	1299	360	130	1754
Thoreson, Theodore. (See Anderson, Charley W., assignor.).....						
Thormeyer, Hans, Friedenau, Germany. Propelling mechanism for boats.....	849,176	Apr. 2	1143	231	127	1881
Thorn, George F., New York, N. Y. Column.....	844,973	Feb. 19	4456	952	126	2972
Thorn, George F., New York, N. Y. Column.....	844,974	Feb. 19	4460	952	126	2973
Thorn, George W., Chicago, Ill. Extensible gas-pipe.....	851,569	Apr. 23	5715	1197	127	3147
Thorn, John P., Chicago, Ill. Clothes-line reel.....	841,907	Jan. 22	4256	917	126	1204
Thorn, Percy M. (See Harrington and Thorn.).....						
Thorn, William, and M. F. Mann, Exeter, England. Automatic coupling for railway-vehicles.....	875,134	Dec. 31	5794	1209-10	131	2220
Thornber, William, Johannesburg, Transvaal. Safety arrangement for hoisting apparatus.....	846,807	Mar. 12	2187	481	127	587
Thornberg, Emil, McKeesport, Pa. Rail-fastener.....	844,834	Feb. 19	4218	900	126	2913
Thornburg, Lincoln A., Hartford City, Ind., assignor to Window Glass Machine Company, Pittsburg, Pa. Glass melting and drawing apparatus.....	868,034	Oct. 15	1300	360	130	1755
Thornburgh, Lawrence D., Morrison, Okla. Ter. Washing-machine.....	846,167	Mar. 5	910	192	127	232
Thorne, Charles S., Troy, N. Y., assignor to Thorne Hold-Fast Metal Bar Company. Window corner-post.....	858,547	July 2	307	77	129	109
Thorne, Frank D., et al. (See Thorne, George L., assignor.).....						
Thorne, George L., assignor to M. J. Pope and F. D. Thorne, St. Louis, Mo. Soap-receptacle.....	849,867	Apr. 9	2449	501-2	127	2247
Thorne, George L., assignor to M. J. Pope and F. D. Thorne, St. Louis, Mo. Advertising device.....	854,779	May 28	4842	1006	128	1334

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Thorne Hold-Fast Metal Bar Company. (See Thorne, Charles S., assignor.)						
Thorne, Thomas G. (See Hartridge, Thorne, and Rookes.)						
Thorne, Thomas W. (See Bernard, Harry, assignor.)						
Thorne Type Setting Machine Company. (See Ennisson, Walter J., assignor.)						
Thorne, William E., Denver, Colo., Revetment.	841,281	Jan. 15	2997	652	126	849
Thornor, Bernard D., New York, assignor to D. Frank, Brooklyn, and J. Trounstone, New York, N. Y. Operating-table.	870,324	Nov. 5	709	191-2	131	232
Thornor, Robert, Boston, Mass. Shade-holder.	843,122	Feb. 5	582	123	126	1943
Thornhill, Ray G., and C. C. Thompson, Los Angeles, Cal. Automatic mail-bag ejector.	871,458	Nov. 19	2772	698	131	820
Thornley, Albert J., Pawtucket, R. I. Exercising-machine.	848,272	Mar. 26	5123	1118	127	1382
Thornley, Albert J., assignor to Narragansett Machine Company, Pawtucket, R. I. Locker.	862,595	Aug. 6	841	223-4	129	2345
Thornton, E. H., <i>et al.</i> (See Brodton, Edward R., assignor.)						
Thornton, Ernest A., Omaha, Nebr. Clothes-drier.	864,575	Aug. 27	3881	1077	129	3386
Thornton, Frederick, Huntington, W. Va. Machine for cutting barrel-veneers.	854,256	May 21	3837	793	128	1052
Thornton, George A., Schenectady, N. Y., assignor to General Electric Company. Brush.	852,686	May 7	638	123	128	166
Thornton, George R., <i>et al.</i> (See Thornton, Harry W., assignor.)						
Thornton, Harry W., Winona, Minn., assignor to E. L. Wallwork and G. R. Thornton, Chicago, Ill. Dancing toy.	845,985	Mar. 5	538	112	127	138
Thornton, John L. (See Foreman and Thornton.)						
Thornton, William F., Jr., Germantown, Pa. Automatic air and steam pipe coupling.	844,975	Feb. 19	4464	952-3	126	2974
Thornton, William N., Cedar Hill, Tex. Hopple or regulator for plows.	851,710	Apr. 30	6039	1262	127	3262
Thorp, Thomas, Whitefield, England. Antipulsator for gas-conduits.	841,196	Jan. 15	2823	616	126	807
Thorp, Thomas, Whitefield, near Manchester, England. Rotary gas-meter.	867,786	Oct. 8	816	232	130	1583
Thorp, Thomas, Whitefield, near Manchester, England. Rotary gas-meter.	867,854	Oct. 8	958	273-4	130	1624
Thorp, Thomas, Whitefield, near Manchester, England. Apparatus for obtaining a uniform rate of flow of gases in pipe-conduits.	867,855	Oct. 8	960	274	130	1625
Thorp, Thomas J., assignor to T. J. Thorp Mfg. Company, Corvallis, Oreg. Agricultural machine.	855,596	June 4	287	58-60	128	1769
Thorp, Thomas J., assignor to T. J. Thorp Mfg. Company, Corvallis, Oreg. Motor-vehicle.	855,597	June 4	293	60-1	128	1770
Thorschmidt, Ernest C., New York, N. Y. Machine for applying bilge-hoops to casks and barrels.	850,692	Apr. 16	4010	838-9	127	2684
Thorschmidt, Ernest C., New York, N. Y. Automatic stop for pistons.	855,266	May 28	5829	1215	128	1587
Thorsen, Martin. (See Welch and Thorsen.)						
Thorsen, Theodore M., Camden, N. J. Firearm.	867,685	Oct. 8	695	195	130	1546
Thorsen, Thomas, assignor to Submerged Electric Motor Company, Menomonie, Wis. Boat-propelling mechanism.	871,459	Nov. 19	2775	698-9	131	820
Thorud, Marinus S., Chicago, Ill. Convertible gas and oil lamp.	848,070	Mar. 26	4768	1040	127	1291
Thos. H. Dallett Co. (See Van Sickle, Wilber H., assignor.)						
Thowless, Orlando M. (See Wall and Thowless.)						
Thowless, Orlando M., Newark, N. J. Illuminant for incandescent electric lamps.	844,213	Feb. 12	2687	575	126	2499
Thrall, George C. (See Goddard, George M., assignor.)						
Thrasher, Charles D. W., Acuteville, Vt. Stanchion.	866,315	Sept. 17	2423	676-7	130	819
Thrasher, Charles M., Rocky, Okla. Ter. Nut-lock.	845,280	Feb. 26	5093	1082	126	3157
Throm, Anthony J., Buffalo, N. Y. Furniture-drawer.	870,140	Nov. 5	411	114	131	137
Thron, Heinrich, assignor to Vereinigte Chininfabriken Zimmer & Co. G. m. b. H., Frankfurt-on-the-Main, Germany. Boracic-acid esters.	841,738	Jan. 22	3893		126	1113
Thronsen, Harald T. J., assignor to Aktiebolaget Nordiska Artilleriwerkstaderna, Finspång, Sweden. Breech-loading mechanism.	843,504	Feb. 5	1330	280	126	2126
Throop, Charles E., and S. A. Freeman, assignors to Olin Gas Engine Company, Buffalo, N. Y. Electric-lamp holder.	873,108	Dec. 10	1685	351-2	131	1463
Throop, Damon R. (See Gordon and Throop.)						
Thuemling, Julius, Chicago, Ill. Cooling and dispensing cabinet.	840,176	Jan. 1	777	170	126	209
Thueson, Agnes, Anaconda, Mont. Clothes stick and catcher.	874,711	Dec. 24	4931	1036	131	2057
Thuillier, Georges, Nogent-en-Bassigny, Haute-Marne, France. Knife and other cutting blade.	864,812	Sept. 3	71	20	130	24
Thullen, Louis H., Edgewood Park, assignor to Union Switch and Signal Company, Swissvale, Pa. Signaling system for alternating currents.	858,120	June 25	5268	1118	128	3129
Thullen, Louis H., Edgewood Park, assignor to Union Switch and Signal Company, Swissvale, Pa. Indication apparatus for switch and lock movements.	863,238	Aug. 13	1845	496-7	129	2691
Thullen, Louis H., Edgewood Park, assignor to Union Switch and Signal Company, Swissvale, Pa. Electromagnetic apparatus for railway purposes.	863,332	Aug. 13	1971	531	129	2730
Thullen, Louis H., Edgewood Park, assignor to Union Switch & Signal Company, Swissvale, Pa. Electromagnetic device for use in connection with railway appliances.	868,230	Oct. 15	1582	449	130	1839
Thullen, Louis H., Edgewood Park, assignor to Union Switch & Signal Company, Swissvale, Pa. Signaling system for electric railways.	868,231	Oct. 15	1584	449-50	130	1839
Thullen, Louis H., Edgewood Park, assignor to Union Switch & Signal Company, Swissvale, Pa. Relay.	868,232	Oct. 15	1586	450	130	1840
Thullen, Louis H., Edgewood Park, assignor to Union Switch & Signal Company, Swissvale, Pa. Signaling system for railways.	868,302	Oct. 15	1706	481	130	1877
Thullen, Louis H., Edgewood, assignor to Union Switch and Signal Company, Swissvale, Pa. Signaling system for railways.	867,448	Oct. 1	327	95	130	1416
Thullen, Louis H., Edgewood, assignor to Union Switch & Signal Company, Swissvale, Pa. Railway-signal.	871,378	Nov. 19	2586	662	131	792
Thullen, Louis H., assignor to Union Switch & Signal Company, Swissvale, Pa. Block-signaling system.	869,275	Oct. 29	3238	892-3	130	2406
Thum, Otto, Grand Rapids, Mich. Throttle-controller.	872,478	Dec. 3	345	71	131	1221
Thumann, Henry, Chicago, Ill. Toy bank.	849,757	Apr. 9	2237	459	127	2194
Thumann, Henry, Chicago, Ill. Roll-holder.	873,188	Dec. 10	1844	386	131	1488
Thummel, William G., St. Louis, Mo. Car construction.	852,042	Apr. 30	6751	1403	127	3445
Thun, Ferdinand, assignor to Textile Machine Works, Incorporated, Wyomissing, Pa. Shoe-lacing.	852,747	May 7	746	147	128	195
Thun, Ferdinand, assignor to Textile Machine Works, Wyomissing, Pa. Braiding-machine.	871,004	Nov. 12	1814	494-5	131	617
Thun, Karl, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Anthracene derivative.	844,835	Feb. 19	4219		126	2913
Thunen, Charles G., Oroville, Cal. Sight for firearms.	845,491	Feb. 26	5521	1170	126	3279
Thurber, William, assignor to Sinclair Laundry Machinery Co., Chicago, Ill. Ironing or bosom board.	846,433	Mar. 5	1441	320	127	364
Thurber, William, assignor to Sinclair Laundry Machinery Co., Chicago, Ill. Shirt-ironing machine.	847,622	Mar. 19	3835	839	127	1029
Thurcell, John P., North Adams, Mass. Last.	873,635	Dec. 10	2711	573	131	1637
Thurlow, Winfield S., Boston, Mass. Merry-go-round.	871,306	Nov. 19	2429	628-9	131	768
Thurlow, Winfield S., Boston, and W. G. Fraser, Somerville, Mass. Automatic sprinkler.	849,938	Apr. 9	2568	532	127	2278

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Thurman, John S., St. Louis, Mo. Pneumatic renovator.....	870,325	Nov. 5	712	192	131	233
Thurmond, Josephine B., Kansas City, Mo. Combined step-ladder and table.....	868,823	Oct. 22	2558	705	130	2167
Thurnauer, Kuno, Nuremberg, Germany Burner for acetylene and like gases.....	875,301	Dec. 31	6110	1275	131	2272
Thurrow, Louis. (See Smith, Thurrow, and Kremer.)						
Thürriid, Frank, St. Louis, Mo. Plow and seeder.....	840,177	Jan. 1	779	170-1	126	209
Thürriid, Frank, St. Louis, Mo. Plow and seeder.....	855,678	June 4	446	93-4	128	1810
Thurstensen, Soren, assignor to Henry Vogt Machine Company, Louisville, Ky. Steam-condenser.....	847,709	Mar. 19	4006	876	127	1071
Thurston, Alfred H. (See Hutchison, Robert B., assignor.)						
Thurston, Charles H., assignor to H. A. Fowler, Worcester, Mass. Extensible curtain-rod and making it.....	856,316	June 11	1707	354	128	2160
Thurston, George H., Johannesburg, Transvaal, assignor to Allis-Chalmers Company, Milwaukee, Wis. Rock and ore crusher.....	848,782	Apr. 2	326	67	127	1669
Thurston, John M., trustee. (See Burton, Charles H., assignor.)						
Thurston, Llewellyn H., Belt, Mont. Heating-stove.....	844,292	Feb. 12	2861	609	126	2543
Thurston, Mathias, Stryker, assignor to Ney Manufacturing Company, Canton, Ohio. Hay-carrier.....	847,847	Mar. 19	4296	942	127	1139
Thwaite, Benjamin H., London, assignor to T. C. Fawcett, Leeds, England. Burning cement in rotary kilns.....	864,045	Aug. 20	3022	835	129	3089
Thwaites Brothers. (See Homersham, Thomas H. C., assignor.)						
Thwing, Charles B., Philadelphia, Pa. Pyrometer.....	869,668	Oct. 29	3892	1070	130	2604
Thwing, Charles B., Philadelphia, Pa. Electrical measuring instrument.....	870,803	Nov. 12	1489	406	131	516
Tibbetts, Cyrus R., Sacramento, Cal. Photograph-holder.....	869,110	Oct. 22	2983	824	130	2299
Tibbits, James P., New York, N. Y. Dish-drainer.....	846,263	Mar. 5	1080	234	127	275
Tibbits, John, Walsall, and A. W. Turner, Birmingham, England. Floating tidal water-wheel.....	857,773	June 25	4540	958	128	2946
Tice, Allen K. (See Tice, George W., assignor.)						
Tice, George W., Riley Center, Mich., assignor of one-half to A. K. Tice, Larimore, N. D. Thresher and cleaner.....	842,437	Jan. 29	5386	1140-1	126	1523
Tice, George W., Riley Center, Mich., assignor of one-half to A. K. Tice, Larimore, N. D. Grain-shocker.....	846,632	Mar. 12	1862	409-10	127	504
Tice, George W., Riley Center, Mich., assignor of one-half to A. K. Tice, Larimore, N. D. Band-cutter and feeder.....	871,742	Nov. 19	3302	816	131	909
Tice, George W., Riley Center, Mich., assignor of one-half to A. K. Tice, Larimore, N. D. Grain-separator.....	871,743	Nov. 19	3304	817	131	910
Tice, John T. (See Williams and Tice.)						
Tiechborne, William H., New Castle, Pa. Ironing-table.....	857,422	June 18	3840	815	128	2737
Tichenor, Clarendon L., and C. D. Stoneburner, Washington, D. C. Ground-wire attachment.....	849,939	Apr. 9	2569	532	127	2278
Tichenor, Robert R., Feeley, Minn. Grain-door.....	872,479	Dec. 3	348	71	131	1222
Tickner, Frank. (See Leuthner, Frank X., assignor.)						
Tickner, George, Jr., London, England. Pasting apparatus for cigarette-machines.....	856,823	June 11	2702	558	128	2413
Tidd, Arthur G., and S. Cook, Northampton, Mass. Window-screen.....	852,147	Apr. 30	6942	1450	127	3491
Tideman, Henry, Menominee, Mich. Combined annunciator and ringer for telephone-lines.....	854,780	May 28	4844	1006	128	1335
Tidemand, Harald, et al. (See Dahl, Ole W., assignor.)						
Tidnam, Frederick H., Oklahoma, Okla. Ter. Telegraph-pole.....	870,858	Nov. 12	1568	431	131	540
Tidrick, George W. (See Earthom and Gallaher, assignors.)						
Tidwell, Albert F., Celina, Tex. Cotton elevating, conveying, and cleaning apparatus.....	867,087	Sept. 24	3587	1017	130	1217
Tieck, Max A., Denver, Colo. Hinge.....	856,112	June 4	1261	265	128	2011
Tieck, Max A., Denver, Colo. Life-saving suit.....	870,804	Nov. 12	1490	406-7	131	517
Tiefel, Charles G. (See Pease and Tiefel.)						
Tiefel, Charles G. (See Todd and Tiefel.)						
Tiernan, William, Rolfe, Iowa. Cultivator attachment.....	841,071	Jan. 8	2568	561	126	6-7
Tierney, John M. (See Keller, Peter, assignor.)						
Tietz, Herman. (See Schneider and Tietz.)						
Tiffany, Albert R., Dayton, assignor to C. B. Oglesby, Middletown, Ohio. Press for forming internal grooves in paper vessels.....	857,123	June 18	3277	690	128	2596
Tiffany, George S., Hutchinson, Kans. Bicycle-support.....	862,945	Aug. 13	1374	373	129	2541
Tiffany, James E. (See Vaughn and Tiffany.)						
Tiffany, Leon E., Kingsley, Pa. Apparatus for keeping accounts.....	866,167	Sept. 17	2207	614	130	751
Tift, Frank F., Watertown, N. Y. Tool for lathes.....	849,940	Apr. 9	2570	533	127	2278
Tiger Fire Company. (See Hender, John J., assignor.)						
Tigerman, William H. (See Pfautz, Daniel M., assignor.)						
Tighe, James T., Boston, Mass. Car-fender.....	868,035	Oct. 15	1301	361	130	1755
Tigner, Benjamin F. (See Fiers and Tigner.)						
Tihon, Jean P., Paris, France. Distributer of double-magazine linotype-machines.....	871,899	Nov. 26	3667	894-5	131	993
Tilden, A. J., et al. (See Hixon, William E., assignor.)						
Tilden, James A., Hyde Park, Mass. Valve.....	853,274	May 14	1821	380	128	494
Tilden, Marshall, Willimantic, Conn. Spool.....	872,480	Dec. 3	349	72	131	1222
Tilden-Thurber Company. (See O'Connell, Timothy F., assignor.)						
Tileston, Henry M., Chicago, Ill. Flexible eye-guard.....	857,689	June 25	4370	923	128	2902
Tileston, Henry M., Chicago, Ill. Collapsible eye-guard.....	862,421	Aug. 6	519	139	129	2248
Tiley, Curtis B., New Haven, Conn. Pneumatic tire.....	859,631	July 9	2027	547	129	709
Tilford, George E., assignor to Haverhill Fire Appliance Company, Haverhill, Mass. Fire-extinguisher.....	869,752	Oct. 29	4014	1108	130	2640
Tilford, George H., Providence, R. I. Hinge-joint for pin-tongues.....	846,633	Mar. 12	1867	410	127	505
Tilford, George H., assignor of one-half to G. A. Keach, Providence, R. I. Charm, hat-pin, &c.....	872,697	Dec. 3	792	165	131	1293
Till, George H., and P. O. Krumm, Middletown, Conn. Revolving type-cabinet.....	858,428	July 2	101	29	129	35
Till, William F., and J. C. Newton, Brooklyn, N. Y. Closet-seat.....	850,505	Apr. 16	3636	760	127	2590
Till, William F., and J. C. Newton, Brooklyn, N. Y. Veranda-swing.....	869,753	Oct. 29	4015	1109	130	2641
Tiller, Friedrich R., et al. (See Dobler, Philipp, assignor.)						
Tilley, John S., Watervliet, N. Y. Ladder.....	869,111	Oct. 22	2984	824	130	2299
Tilley, William A., San Francisco, Cal. Letter-case.....	852,304	Apr. 30	7213	1514-15	127	3560
Tillinghast, Albert W., Philadelphia, Pa. Shoe-sole attachment.....	844,057	Feb. 12	2382	510	126	2421
Tillman, Edward G., Thayer, W. Va. Mining-machine.....	850,192	Apr. 16	3040	636-7	127	2435
Tillman, Thomas W., Columbus, Ga., assignor to R. and G. Crompton, E. D. Thayer, and W. B. Scofield, Worcester, Mass. Smash-preventer for looms.....	842,820	Jan. 29	6190	1308	126	1722
Tillotson, Charles C., Olathe, Kans. Power-transmission clutch.....	850,981	Apr. 23	4548	953	127	2859
Tillotson, Charles C., Olathe, Kans. Power-transmission clutch.....	872,481	Dec. 3	350	72	131	1222
Tilton, William H., Quincy, Ill. Overshoe-holder.....	841,282	Jan. 15	2998	652	126	849
Tilly, Jabez, Kilkerran, South Australia, Australia. Draft-gear for agricultural machines.....	844,214	Feb. 12	2690	575	126	2499
Tilney, Max J. E., South Kensington, England. Voltage-regulator.....	871,537	Nov. 19	2939	733-4	131	846
Tilson, William H., Plainview, Tex. Cutting apparatus for corn-harvesters.....	851,785	Apr. 30	6174	1288	127	3297
Tilson, William H., Plainview, Tex. Binding mechanism for corn-harvesters.....	854,917	May 28	5131	1068	128	1410

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Tilt, Albert, Montclair, N. J. Cutting attachment for looms.	851,570	Apr. 23	5716	1198	127	3147
Tilton, Frank, McPherson, Kans. Haystack-cover.	847,848	Mar. 19	4299	942	127	1139
Tillyou, Peter A., New York, N. Y. Amusement device.	841,468	Jan. 15	3363	727	126	944
Tim & Company. (See Zillhardt, Jakob, assignor.)						
Timanus, Evelyn, Baltimore, Md. Device for waving hair.	868,303	Oct. 15	1710	482	130	1878
Timberlake, John B., Jackson, Mich. Display dish-rack.	839,906	Jan. 1	209	46	126	59
Timberlake, John B., Jackson, Mich. Display-easel.	851,571	Apr. 23	5717	1198	127	3148
Timberlake, John B., Jackson, Mich. Display-rack.	874,917	Dec. 24	5353	1119-20	131	2124
Timberlake, John B., Jackson, Mich., assignor to J. B. Timberlake & Sons. Display-easel.	869,995	Nov. 5	195	51	131	69
Timberlake, John B., Jackson, Mich., assignor to J. B. Timberlake & Sons. Display-rack.	869,996	Nov. 5	196	51	131	69
Timberlake, Paul J., Jackson, Mich., assignor to J. B. Timberlake & Sons. Stocking-drier.	875,135	Dec. 31	5797	1210	131	2220
Timberlake & Sons, J. B. (See Twitchell, James E., assignor.) (Reissue.)						
Timby, Theodore R., Brooklyn, N. Y. Lines for vessels.	857,317	June 18	3643	771-2	128	2659
Time Marking Machine Company. (See Gasman and Lynch, assignors.)						
Timken Roller Bearing Axle Company. (See Alden, Herbert W., assignor.)						
Timme, Edward F., Spring Valley, N. Y. Woven pile fabric.	858,923	July 2	954	249	129	328
Timme & Son, E. F. (See Pfeiffer, Fredrick C., assignor.)						
Timmer, Nanno. (See Brons and Timmer.)						
Timmerman, Charles, New York, N. Y. Feed-water purifier.	845,723	Feb. 26	5963	1260	126	3389
Timmins & Butler. (See Rodwell, George J. B., assignor.)						
Timmons, R. F. (See McKinley, Melvin, assignor.)						
Timmons, Samuel E., Lawton, Okla. Ter. Rubber stamp.	843,046	Feb. 5	408	89	126	1896
Tin Products Company. (See Acker, Charles E., assignor.)						
Tin Products Company. (See Kugelgen and Seward, assignors.)						
Tindel, Adam, Philadelphia, assignor to Tindel Morris Company, Eddystone, Pa. Mechanism for holding crank-shaft pins in turning-lathes.	841,826	Jan. 22	4098	881	123	1167
Tindel, Adam, Philadelphia, Pa., assignor to High Duty Saw and Tool Company. Metal-sawing apparatus.	846,525	Mar. 12	1626	361-2	127	442
Tindel, Adam, Philadelphia, assignor to Tindel Morris Company, Eddystone, Pa. Chuck mechanism.	846,875	Mar. 12	2332	513	127	624
Tindel, Adam, Philadelphia, assignor to Tindel-Morris Company, Eddystone, Pa. Chuck mechanism.	871,005	Nov. 12	1815	495	131	617
Tindel-Morris Company. (See Tindel, Adam, assignor.)						
Tiner, John F., Uvalde, Tex. Wrench.	851,610	Apr. 23	5805	1213-14	127	3172
Tingley, Clarence H., Unionville, Mo. Hydraulic clutch and transmission device.	868,304	Oct. 15	1711	482	130	1878
Tingley, Philo B., Glenridge, N. J. Type-writer tabulator.	852,988	May 7	1266	262-3	128	323
Tingley, Philo B., Glenridge, N. J. Type-writer tabulator.	852,989	May 7	1270	263-4	128	323
Tinker, Julien E., and J. Crawford, Jr., Bradford, Pa. Apparatus for pumping oil-wells.	840,972	Jan. 8	2366	519	126	645
Tinnes, Lewie A., Bird Island, Minn. Flue-beater tool.	855,365	May 28	5995	1251	128	1628
Tinsley, Benjamin F., Richmond, Va. Coin-cup.	864,938	Sept. 3	273	73	130	87
Tinsley, Homer J. (See Mounie and Tinsley.)						
Tinsley, William T., Custer, S. D. Device for cutting bark from trees.	875,391	Dec. 31	6293	1312	131	2301
Tippett, Harold P., Columbus, Ohio. Furnace-feeding device.	859,151	July 2	1293	344	129	437
Tippett, Harold P., Columbus, Ohio. Valve.	859,152	July 2	1296	345	129	437
Tippett, John F. (See Washington, Dixon E., assignor.)						
Tippett, Lucius C., and C. L. Reece, Elverton, W. Va. Rotary engine.	869,397	Oct. 29	3448	946-7	130	2470
Tippett, William E., Washington, D. C. Vestibule-curtain holder.	850,193	Apr. 16	3042	637	127	2433
Tipton, Ray E., Agra, Kans. Platform-filter for cisterns.	840,400	Jan. 1	1245	272	126	327
Tirrell, Frederick W. (See Earl, Benjamin F., assignor.)						
Tirrell, Leslie L., Buchanan, Mich. Watch-guard.	857,216	June 18	3455	729	128	2641
Tirrill, Leonard A. (See Whitney and Tirrill.)						
Tirrill, Leonard A., Lynn, Mass., assignor to General Electric Company. Electrically-operated valve.	845,281	Feb. 26	5094	1082-3	126	3175
Tisch, William, La Crosse, Wis. Box-fastener.	857,217	June 18	3456	729	128	2642
Tisch, William, La Crosse, Wis. Cigar-moistening box.	857,218	June 18	3458	729	128	2642
Tisdale, Cyrus L., McNeill, Miss. Can-opener.	863,673	Aug. 20	2470	681	129	2916
Tisdale, James R. M., Beaverton, Ontario, Canada. Lantern.	871,307	Nov. 19	2431	629	131	769
Titcomb, George E., Philadelphia, Pa., assignor to Dodge Coal Storage Company, Naugatuck, Conn. Locomotive-crane.	853,842	May 14	2980	611-12	128	796
Titcombe, Edward L., et al. (See Lane, Robert S. G., assignor.)						
Titcombe, Robert J. H., et al. (See Lane, Robert S. G., assignor.)						
Tittmann, Gerhard, Foche, Germany. Safety-razor.	866,827	Sept. 24	3186	896	130	1095
Tittmann, Gerhard, Foche, near Solingen, Germany. Razor-guard.	871,152	Nov. 19	2094	563	131	716
Titus, Charles E., Springfield, Mass. Vehicle-tire.	859,856	July 9	2368	643	129	818
Titus, Hazen J. (See Roberts and Titus.)						
Titus, John C. (See Steel and Titus.)						
Titus, John C., Marion, Ohio. Vise.	849,758	Apr. 9	2238	459	127	2194
Titus, Joseph V. E., Keokuk, Iowa, assignor to Electric Service Supplies Company, Philadelphia, Pa. Lightning-arrester.	857,849	June 25	4689	994	128	2982
Titus, Montie L., et al. (See Reichel, Alvin S., assignor.)						
Titus, Wellington S., Glenmore, N. J. Base-ball back-stop.	849,941	Apr. 9	2571	533-4	127	2278
Titus, Wellington S., Glenmore, N. J. Bootjack.	872,095	Nov. 26	4124	986	131	1058
Tixier, Auguste, and C. Tortel, assignors to Les Produits Chimique de Croissy, (J. Basler & Co.), Paris, France. Extraction of copper and other metals from roasted pyrites.	875,012	Dec. 31	5560	-----	131	2181
Tjossem, Portes J., LeGrand, Iowa. Salt-feeder.	841,283	Jan. 15	3000	653	126	849
Tkatzschenko, Peter T., Brooklyn, N. Y. Attachment for water-closets.	867,170	Sept. 24	3712	1050	130	1259
Toan, Robert O., Jackson, Mich. Cork-extractor.	871,006	Nov. 12	1816	495	131	617
Tobey, Charles W. (See Giles and Tobey.)						
Tobey, Fred W., Grand Rapids, Mich. Knockdown sectional bookcase.	848,705	Apr. 2	169	36	127	1630
Tobey, Fred W., Grand Rapids, Mich. Type-writer cabinet.	848,783	Apr. 2	328	67	127	1670
Tobey, Fred W., Grand Rapids, Mich. Filing-cabinet.	856,113	June 4	1262	265	128	2011
Tobey, Fred W., Grand Rapids, Mich. Adjustable support for sectional bookcases.	857,318	June 18	3644	772	128	2689
Tobey, William L., Winthrop, Mass. Machine for making rope.	868,726	Oct. 22	2412	667	130	2121
Tobey, William W., and F. Freeman, Iola, Kans. Ice-machine.	873,189	Dec. 10	1845	356	131	1489
Tobias, Burton E., Adrian, Mich. Tie for wire fencing.	845,381	Feb. 26	5305	1126	126	3226
Tobias, Burton E., Adrian, Mich. Tie for wire fencing.	861,622	July 30	5135	1409	129	1814
Tobias, Ernest E., Adrian, Mich. Tie for wire fencing.	843,123	Feb. 5	583	123	126	1943
Tobias, Ernest E., Adrian, Mich. Tie for wire fencing.	861,621	July 30	5134	1409	129	1814
Tobias, Neuman, Kingston, Jamaica. Combination-padlock.	864,394	Aug. 27	3554	987-8	129	3281
Tobias, Neuman, Kingston, Jamaica. Combination-lock.	864,395	Aug. 27	3555	988	129	3281
Tobiasz, Stanley J., Chicago, Ill. Ironing-machine.	850,608	Apr. 16	3826	798-9	127	2638
Tobiasz, Stanley J., Chicago, Ill. Ash-sifter.	861,199	July 23	4441	1218	129	1560
Tobin, C. W. (See Schmidt, Godfried H., assignor.)						
Tobin, Edward M., Barre, Vt. Pneumatic tool.	867,856	Oct. 8	961	274-5	130	1625
Tobler, Frederick A., San Francisco, Cal. Electric heater for curling-irons.	854,257	May 21	3838	793	128	1052

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Tobrer, Leon, Oakland, Cal. Embroidery-stand.....	856,824	June 11	2704	558	128	2413
Toch, Maximilian, New York, N. Y. Composition for coating metals.....	841,603	Jan. 15	3611	.....	126	1009
Toch, Maximilian, New York, N. Y. Cement and manufacturing same.....	848,328	Mar. 26	5249	.....	127	1412
Toch, Maximilian, New York, N. Y. Paint-remover.....	871,195	Nov. 19	2179	.....	131	730
Tochon, Paul J. (See Brocherioux, Tochop, Fortier, and Marotte.)						
Todd, Albert V., Denver, Colo. Detonating burglar-alarm.....	847,975	Mar. 19	4567	1004	127	1202
Todd, Alexander B., and F. W. Shupert, San Bernardino, Cal. Tool and holder for rolling, expanding, and beading boiler-tubes in one operation.....	844,215	Feb. 12	2691	575	126	2500
Todd, Andrew B., Branford, assignor to Rattan Mfg. Co., New Haven, Conn. Folding baby-carriage.....	869,534	Oct. 29	3664	1004	130	2536
Todd & Co., G. W. (See Pease and Tiefert, assignors.)						
Todd and Company, G. W. (See Todd and Tiefert, assignors.)						
Todd, Davidson, Toronto, Ontario, Canada. Storm-sash for windows.....	865,453	Sept. 10	1077	307	130	356
Todd, F. Dundas, administrator. (See Inglis, James.)						
Todd, Floyd F., Susquehanna, Pa. Wave-motor.....	858,486	July 2	211	49-50	129	79
Todd, George. (See Todd, Harrell, and Todd.)						
Todd, John P. (See Laird and Todd.)						
Todd, John W. L., assignor of one-half to J. Monnig, St. Louis, Mo. Clip or holder.....	867,449	Oct. 1	330	96	130	1416
Todd, Libanus M., and C. G. Tiefert, assignors to G. W. Todd and Company, Rochester, N. Y. Printing apparatus.....	869,997	Nov. 5	197	51-2	131	69
Todd, Richard, Heaton Chapel, and J. A. and A. H. Stott, Manchester, England. Means for facilitating the spinning of textile fibers.....	842,921	Feb. 5	155	36-7	126	1830
Todd, W. S. George, Boulder Creek, Cal. Screen.....	840,973	Jan. 8	2368	520	126	643
Todd, Walter G., W. D. Harrell, and G. Todd, Wabash, Ind. Culvert.....	866,828	Sept. 24	3186	896	130	1005
Todd, William C., Chance, Md. Means for operating oyster-dredges.....	871,007	Nov. 12	1816	496	131	618
Todd, William W., Chicago, Ill. Mop-wringer.....	852,043	Apr. 30	6752	1404	127	3445
Toennes, Richard, Boonville, Mo. Turbine-engine.....	849,942	Apr. 9	2574	534	127	2279
Toepfer, Hans, assignor to Farbenfabriken vorm. Friedr. Bayer & Co. Elberfeld, Germany. Process of dyeing.....	873,636	Dec. 10	2712	.....	131	1638
Toepfer, Henry M., Mount Carroll, Ill. Cultivator.....	846,876	Mar. 12	2332	514	127	624
Toerring, Christian J., Philadelphia, Pa. Electric switch.....	850,506	Apr. 16	3637	761	127	2590
Tognazzini, Moses P. (See Brocksieb and Tognazzini.)						
Tokheim, John J. Cedar Rapids, Iowa. Fluid gage or indicator.....	874,643	Dec. 24	4793	1006	131	2036
Toledo Boiler Works Company. (See Park, Kennedy, assignor.)						
Toledo Bushing Company. (See Mueller, Edward C., assignor.)						
Toledo Computing Scale Company. (See Haggood, Clarence H., assignor.)						
Toledo Computing Scale Company. (See Wear, Frank F., assignor.)						
Toledo Computing Scale Company. (See Wetzel, Lewis C., assignor.)						
Toledo Glass Company. (See Bock, William E., assignor.)						
Toledo Glass Company. (See Owens, Michael J., assignor.)						
Toledo Machine and Tool Company. (See Bingham, Jeremiah, assignor.)						
Toledo Metal Wheel Company. (See Weber, John, Jr., assignor.)						
Toledo Scale & Cash Register Company. (See De Vilbiss, Allen, Jr., assignor.)						
Toledo Ship Building Company. (See Calder, Charles B., assignor.)						
Tolen, John, Maud, Okla. Ter. Breast-strap.....	848,934	Apr. 2	662	133	127	1757
Toliver, Lorenzo D., Abilene, Kans. Disk-sharpener.....	863,473	Aug. 13	2160	554	129	2789
Toll, Edward B., Boise, Idaho. Device for holding scissors.....	861,408	July 30	4811	1319	129	1713
Tolle, William J., Reesville, Ohio. Combined feed-rack, feed-trough, and animal-pen.....	872,032	Nov. 26	4000	960	131	1038
Tollefson, John S., Brainerd, Minn. Water-filter.....	864,345	Aug. 27	3480	968	129	3258
Tollner, Hugo. (See Campbell, Robert, assignor.)						
Tolman, Abraham L., Orange, Mass. Manicure implement.....	847,031	Mar. 12	2635	580	127	698
Tolman, Abraham L., Orange, Mass. Manicure implement.....	869,946	Nov. 5	104	29	131	35
Tolman, Charles P. (See Richards and Tolman.)						
Tolman, Charles P., assignor of one-half to E. S. Taylor, New York, N. Y. Graduated measuring-can.....	872,482	Dec. 3	352	72	131	1223
Tolman, Charles P., assignor to Roteng Engineering Corporation, New York, N. Y. Automatic pressure-regulator.....	874,137	Dec. 17	3769	794-5	131	1835
Tolman, Scott H., Boston, Mass. Hair-waver.....	850,452	Apr. 16	3528	737	127	2563
Tolman, Scott H., Boston, Mass. Stiffening device for collars.....	860,774	July 23	3789	1039	129	1346
Tolnes, Carl J., Maplebay, Minn. Detachable hinge.....	853,384	May 14	2062	427	128	562
Tolton, David, Guelph, Ontario, Canada, and G. F. Conner, Port Huron, Mich. Buncher for pea-harvesters.....	848,071	Mar. 26	4769	1040	127	1291
Toltz, Max, St. Paul, Minn., assignor of one-fourth to C. G. Hawley, Chicago, Ill. Superheater.....	869,600	Oct. 29	3781	1034-5	130	2573
Toltz, Max, St. Paul, Minn., assignor to C. G. Hawley, Chicago, Ill. Superheater.....	869,669	Oct. 29	3893	1071	130	2605
Toman, Samuel, Dayton, Ohio. Rail-joint.....	850,982	Apr. 23	4549	953	127	2859
Tomasini, Isidore A., Guadalupe, Cal. Gun.....	859,153	July 2	1298	345	129	438
Tombelaine, Alexandre L., Chaptelat, France. Safety closing device for miners' lamps.....	843,505	Feb. 5	1334	281	126	2127
Tombrelag, Joseph H., and J. F. Schunder, Covington, Ky. Eccentric cutting-bit.....	843,376	Feb. 5	1084	224	126	2064
Tomison, Willis A., assignor of one-half to J. F. Hitt, Winnsboro, Tex. Fan.....	840,594	Jan. 8	1637	359	126	462
Tomkins, Mark H., London, England. Computing instrument of balance.....	861,557	July 30	5034	1382	129	1783
Tomkinson, Charles C., Plainfield, N. J. Sheet-piling.....	841,197	Jan. 15	2825	616	126	808
Tomlinson, John. (See Lomax and Tomlinson.)						
Tomlinson, Royal D., New York, N. Y., assignor to Allis-Chalmers Company, Milwaukee, Wis. Condenser.....	863,115	Aug. 13	164	441	129	2627
Tomlinson, Royal D., assignor to Allis-Chalmers Company, Milwaukee, Wis. Condenser plant.....	863,116	Aug. 13	1646	441	129	2628
Tomlinson, Royal D., assignor to Allis-Chalmers Company, Milwaukee, Wis. Combined wet and dry air pump.....	873,688	Dec. 10	2810	599	131	1655
Tomlinson, Walter H., Chicago, Ill. Egg-beater.....	871,247	Nov. 19	2294	600	131	748
Tompkins, Charles H., et al. (See Prindle, Roscoe S., assignor.)						
Tompkins, Edward D., Middletown, N. Y. Receptacle for fire-extinguishers.....	858,682	July 2	555	144	129	193
Tompkins, James B., Vanderwoort, Ark. Tanning compound.....	849,440	Apr. 9	1624	.....	127	2039
Tompkins, John A. B., Wauwatosa, and S. R. Hartwell, Milwaukee, Wis. Boring apparatus.....	852,586	May 7	437	80	128	115
Tompkins, Vincent C., et al. (See Prindle, Roscoe S., assignor.)						
Tone, Frank J., Niagara Falls, N. Y. Reducing compounds.....	842,273	Jan. 29	5001	1068	126	1420
Tone, Frank J., Niagara Falls, N. Y. Joint for carbon electrodes.....	863,674	Aug. 20	2471	682	129	2917
Tone, Frank J., Niagara Falls, N. Y. Reducing compounds with electrically-developed heat.....	869,276	Oct. 29	3240	.....	130	2406
Tone, Frank J., Niagara Falls, N. Y. Electric furnace.....	870,326	Nov. 5	714	193	131	233
Toner, David M., Beechwood, Pa. Headlight.....	864,439	Aug. 27	3629	1009	129	3307
Toney, Joseph, and J. H. Viol, assignors of one-eighth to S. Viol, Deer Lodge, Mont. Veterinary instrument.....	865,826	Sept. 10	1693	469	130	562
Tong, Clyde, Marion, Ind. Window-catch.....	868,036	Oct. 15	1302	361	130	1755

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Tonn, Charles F., <i>et al.</i> (See Taylor, Charles A., assignor.)						
Tönnies, Max. (See Burn, John S., assignor.)						
Toof, Edwin J., New Haven, Conn. Interchangeable lock and chain stitch sewing-machine.	862,033	July 30	5735	1593	129	1994
Toof, Edwin J., New Haven, Conn. Sewing-machine.	869,112	Oct. 22	2985	825	130	2299
Tooker, Hugh R., Oilcenter, Cal. Emergency stop mechanism.	848,511	Mar. 26	5594	1222	127	1495
Tooker, William A., Jr. (See Jeralds, Elbert O., assignor.)						
Tooley, James, <i>et al.</i> (See Carter, Joseph W., assignor.)						
Toombs, Francis S., Sault Ste. Marie, Ontario, Canada. Railway cattle-guard.	868,727	Oct. 22	2413	667	130	2122
Toomey, John A. (See Macrate and Toomey.)						
Toomey, John A., Chicago, Ill. Car-stake and attaching means therefor.	846,963	Mar. 12	2507	553	127	667
Toomey, John F., Chicago, Ill. Puzzle.	848,580	Mar. 26	5725	1252	127	1529
Toon, William C., Chicago, Ill. Multiple-drill press.	857,690	June 25	4372	924	128	2902
Tooth, R. M. C., <i>et al.</i> (See Best, Edward H., assignor.)						
Tope, Lee A. (See Sheldon, Charles W., assignor.)						
Topham, William, assignor of three-fourths to J. and J. Barton and W. Topham, Jr., Westville, Ill. Boring or drilling machine.	873,637	Dec. 10	2713	574	131	1638
Topham, William, Jr., <i>et al.</i> (See Topham, William, assignor.)						
Topliff, Francis W., Greenland, assignor of two-thirds to H. W. Anderson, Exeter, and J. Walter, New Market, N. H. Car-stake.	846,877	Mar. 12	2333	514	127	624
Topp, Charles H., Huntington, W. Va. Gas heating-stove.	866,237	Sept. 17	2298	642	130	779
Toppin, Harvey L., New Castle, Del. Combined rail chair and joint.	862,217	Aug. 6	174	48	129	2137
Topping, William V. B. (See Burkholder, John H. assignor.)						
Toquet, Benjamin L., Westport, Conn. Internal-combustion motor.	865,135	Sept. 3	566	159	130	171
Torchio, Philip, and T. W. Varley, New York, N. Y. Ground and fault detector for electric distribution systems.	857,262	June 18	3537	748-9	128	2662
Torda, Theodore, London, England. Photometer.	857,124	June 18	3278	691	128	2596
Torelle, Albert E. (See Towle, Rosseter L., assignor.)						
Torgerson, Edward, <i>et al.</i> (See Gulbrandsen, Knud, assignor.)						
Tornberg, Knut, Lynn, Mass., assignor to General Electric Company. Centrifugal switch for electric motors.	856,433	June 11	1978	407	128	2230
Tornfelt, Oscar, New York, N. Y. Clutch.	874,259	Dec. 17	4010	847	131	1876
Tornier, Alphons, New York, N. Y. Window.	845,382	Feb. 26	5307	1126	126	3226
Tornquist, Ludvig A. (See Litzenberger and Tornquist.)						
Torode, William H., Chicago, Ill. Hinge.	872,263	Nov. 26	4450	1058	131	1112
Torpey, Joseph W. and G. W. Lander, Louisville, Ky. Railway-switch lock.	868,305	Oct. 15	1712	482	130	1879
Torrance, Albert M., Bennington, Vt. Seam-dampener.	865,827	Sept. 10	1693	470	130	562
Torrance, Albert M., Bennington, Vt. Seam-guide for collar-dampening machines.	866,749	Sept. 24	3066	865	130	1057
Torrani, Pietro, Milan, Italy. Sensitive-plate package.	874,644	Dec. 24	4795	1007	131	2036
Torras, Rosendo, Brunswick, Ga. Device for inserting explosive charges.	848,512	Mar. 26	5596	1222-3	127	1496
Torrence, William W., Schenectady, assignor to Underwood Typewriter Company, New York, N. Y. Back-spacing mechanism.	850,106	Apr. 9	2588	598-9	127	2347
Torrey, Francis B., Portland, Me. Casting trolley-wheels.	854,389	May 21	4065	841	128	1111
Tors, John, Matlock, Wash. Crosscut saw guard and handle connection.	846,964	Mar. 12	2510	553	127	668
Tors, John, Matlock, Wash. Appliance for crosscut-saws.	846,965	Mar. 12	2511	554	127	668
Torsch, Edward L., and J. H. Parker, Baltimore, Md. Shucking oysters.	848,608	Mar. 26	5785	1262-3	127	1544
Torsch, Edward L., and J. H. Parker, Baltimore, Md. Machine for shucking oysters.	848,784	Apr. 2	329	67-8	127	1670
Tortel, Casimir. (See Tixier and Tortel.)						
Tory, Shinzo, assignor of two-fifths to S. H. Wood and J. E. Banks, Pittsburg, Pa. Oven.	851,711	Apr. 30	6041	1262	127	3262
Totems, Paul, New Haven, Mich. Mud-lug for wheels of traction-engines.	860,343	July 16	3112	843	129	1092
Toth, Alexander. (See Bognar and Toth.)						
Totten, Robert C., Pittsburg, Pa. Manufacture of cast metal.	854,126	May 21	3588		128	985
Totten, Robert C., Pittsburg, Pa. Finishing the surfaces of rolls, dies, &c.	861,558	July 30	5037	1383	129	1784
Totten, Robert C., Pittsburg, Pa. Composition of metal.	872,483	Dec. 3	355		131	1223
Tottle, Morton F., Baltimore, Md. Rotary bristle-combing device.	866,406	Sept. 17	2555	712	130	802
Totzke, Robert C., St. Joseph, Mich. Box.	867,171	Sept. 24	3713	1051	130	1259
Tournier, Julius C., Schenectady, N. Y., assignor to General Electric Company. Combined lamp-socket and shade-holder.	866,089	Sept. 17	2096	583	130	716
Tousey, Chester A., Chicago, Ill. Cigar-cutter.	861,685	July 30	5219	1434	129	1839
Toussaint, Edward T., Jacksonville, Ill. Roller-awning.	865,729	Sept. 10	1517	428	130	494
Toussaint, Harry H., Newark, N. J. Labeling-machine.	846,878	Mar. 12	2335	514-15	127	625
Toward, Ralph, Carnegie, Pa. Wrench.	867,450	Oct. 1	331	96	130	1417
Towe, Albert, Charlotte, Mich. Machine for bending scythe-snaths.	841,357	Jan. 15	3164	680-1	126	894
Tower, Albert E., <i>et al.</i> (See Rice, John V., Jr., assignor.)						
Tower, Clinton A., assignor to National Malleable Castings Company, Cleveland, Ohio. Frictional draft-rigging.	869,754	Oct. 29	4016	1109	130	2641
Tower, Daniel W. (See Waddell and Tower.)						
Tower, Daniel W., Grand Rapids, Mich. Device for fastening knobs to bolts.	841,284	Jan. 15	3001	653	126	850
Tower, Daniel W., Grand Rapids, Mich. Furniture-fastening device.	843,717	Feb. 12	1747	372	126	2266
Tower, George A., Richmond, Va. Making electrical lugs.	860,889	July 23	3970	1088	129	1407
Tower, Oscar, Kenmore, assignor of one-half to F. E. Blakeslee, Buffalo, N. Y. Railway-car door.	870,062	Nov. 5	298	82	131	101
Tower, Wallace G., assignor of three-fourths to E. E. Evans, Kansas City, Mo. Machine for making concrete blocks.	865,454	Sept. 10	1078	307-8	130	357
Towers, James, Albuquerque, N. Mex. Ter. Forming oil-cups.	845,492	Feb. 26	5522	1170	126	3279
Towle, Elmer E. (See Jones and Towle.)						
Towle, Eugene A., St. Paul, Minn. Closing-cap.	848,785	Apr. 2	342	68	127	1676
Towle, Rosseter L., Newport, assignor to A. E. Torelle, Spokane, Wash. Safety-wheel for roller-skates.	863,675	Aug. 20	2471	682	129	2917
Towler, Maximilian J. L., Detroit, Mich. Automatic clutch.	852,587	May 7	440	80	128	117
Towler, Maximilian J. L., Detroit, Mich. Automatic holding device for power-transmission mechanism.	860,705	July 23	3683	1008	129	1313
Towison, Edward, Chatteris, England. Rotary motor.	856,317	June 11	1708	354	128	2161
Towne, Charles O., Springfield, Mass., assignor to Seamless Rubber Co., New Haven, Conn. Stop-cock for flexible tubes.	860,344	July 16	3112	850	129	1092
Towne, William F., assignor of one-half to C. R. Sumner, Los Angeles, Cal. Steering-wheel for automobiles.	848,140	Mar. 26	4878	1065	127	1318
Towns, Minnie C., Willard, Tex. Abdominal support.	866,407	Sept. 17	2556	713	130	862
Towns, William, Liverpool, England. Gas-producer.	874,458	Dec. 24	4403	928	131	1974
Townsend, Clinton P., Washington, D. C., assignor to E. A. Sperry, Cleveland, Ohio. Apparatus for the production of pigments.	846,526	Mar. 12	1628	362	127	443
Townsend, Clinton P., Washington, D. C., assignor to E. A. Sperry, Cleveland, Ohio. Production of pigments.	847,032	Mar. 12	2636	580	127	698
Townsend, Clinton P., Washington, D. C., assignor to E. A. Sperry, Brooklyn, N. Y. Electrolytic process and product.	867,320	Oct. 1	137		130	1355

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Townsend, Copeland, New York, N. Y. Changeable index.....	843,124	Feb. 5	584	124	126	1944
Townsend, David. (See Van Horn and Townsend.)						
Townsend, E. W. (See Akers, William M., assignor.)						
Townsend, Elvin E. (See Morris and Townsend.)						
Townsend, Fitzhugh, deceased, New York, N. Y.; J. J. Townsend, administrator, assignor to General Railway Signal Company. Automatic block-signaling system for electric railways.....	873,468	Dec. 10	2376	500	131	1581
Townsend Frank P., Elyria, Ohio, assignor to National Tube Company, Pittsburg, Pa. Controller for rolling-mill repeaters.....	848,581	Mar. 26	5726	1253	127	1529
Townsend, Frederick B., assignor to W. H. Miner Company, Chicago, Ill. Roller side bearing for railway-cars.....	849,515	Apr. 9	1806	366	127	2085
Townsend, Harry P., New Britain, assignor to New Departure Manufacturing Company, Bristol, Conn. Driving and braking mechanism for cycles.....	850,077	Apr. 9	2796	588	127	2331
Townsend, Harry P., assignor to Corbin Cabinet Lock Company, New Britain, Conn. Lock.....	853,485	May 14	2240	467	128	608
Townsend, Harry P., assignor to Corbin Cabinet Lock Company, New Britain, Conn. Safe-deposit lock.....	868,306	Oct. 15	1713	492-3	130	1879
Townsend, Harry P., New Britain, assignor to American Serial Lock Company, Hartford Conn. System-lock.....	857,691	June 25	4373	924	128	2902
Townsend, Harry P., and W. R. Corbin, assignors to Corbin Cabinet Lock Company, New Britain, Conn. Lock.....	856,556	June 11	2207	454	128	2236
Townsend, John B., Wellford, W. Va. Signal for pressure-gages.....	860,163	July 16	2839	775-6	129	1005
Townsend, John J., administrator. (See Townsend, Fitzhugh.)						
Townsend, Joseph A., Blakesburg, Iowa. Nut-lock.....	860,162	July 16	2839	775	129	1005
Townsend, Miles, Riverside, Cal. Window-ventilator.....	872,979	Dec. 3	1379	290	131	1384
Townsend, Rosella W., Salem, Ohio. Vermin-exterminator.....	856,557	June 11	2210	494	128	2287
Townsend, Thomas, Providence, R. I. Machine for inserting combing-needles in temporary holders or books.....	841,358	Jan. 15	3167	681	126	804
Townsend, William, Milan, Mo. Center-bearing.....	870,483	Nov. 5	962	263	131	312
Townsend, William H. (See Fanslow, Benjamin O., assignor.)						
Towsley, John T., Cincinnati, Ohio. Double boring-machine.....	840,528	Jan. 8	1499	332	126	429
Toy, Robert M., Jones Station, Pa. Metallic tie and rail fastener.....	853,043	May 7	1380	287	128	351
Toyoda, Sasuke, Nagoya, Japan. Weaving-machine.....	842,274	Jan. 29	5005	1068-9	126	1421
Tozier, Charles C., assignor to Maine Valve Company, Skowhegan, Me. Ball-cock valve.....	842,922	Feb. 5	160	37	126	1831
Trabue, Albert L., Mays, Ind. Storm-shield and buggy-top.....	870,859	Nov. 12	1569	431-2	131	541
Trabue, David M., Mays, Ind. Gravel-spreader and road-leveler.....	842,924	Apr. 30	6043	1263	127	3263
Trabue, David M., Mays, Ind. Road-working machine.....	851,713	Apr. 30	6046	1263	127	3264
Trabue, William H., Montvale, N. J. Wheel.....	861,623	July 30	5135	1409-10	129	1814
Trace, Orlando F., and W. Fifield, Sank Rapids, Minn. Grain-screen.....	844,216	Feb. 12	2693	575	126	2500
Tracey, Ernest C., Newton, assignor to American Soda Fountain Company, Boston, Mass. Dispensing apparatus.....	852,472	May 7	178	31	128	54
Trachy, Auguste Z. (See Roy, Avila J., assignor.)						
Tracy, Hayden H., San Francisco, Cal. Centrifugal machine.....	859,857	July 9	2369	643-4	129	819
Tracy, Michael J. (See Dolan and Tracy.)						
Tracy, William H., Folkston, Ga. Plug-plugging device.....	855,735	June 4	573	117	128	1843
Trafton, Mathew E., Los Angeles, Cal. Step-ladder.....	848,513	Mar. 26	5597	1223	127	1496
Trager, Louis R., Springfield, Ill. Ironer's cabinet.....	870,805	Nov. 12	1491	407	131	517
Train, Charles D., Belknap, Ill. Charcoal-kiln.....	865,067	Sept. 3	481	132-3	130	145
Train, Jacob A. (See Goodholm and Train.)						
Trainham, Zachariah L., assignor of one-third to O. F. Sutton, Richmond, Va. Kitchen utensil.....	864,046	Aug. 20	3024	835	129	3080
Trama, Eugene, Marseille, France. Device for feeding melting-pots.....	848,868	Apr. 2	552	109-10	127	1731
Tran, Frank J., and F. Cais, Cleveland, Ohio. Workman's time-recorder.....	875,392	Dec. 31	6394	1312-13	131	2302
Tran, Frank J., and F. Cais, Cleveland, Ohio. Workman's time-recorder.....	875,393	Dec. 31	6302	1313-14	131	2302
Trans-Continental Car Company. (See Forsyth, William, assignor.)						
Transom Draft-Gear Company. (See Westlake, Charles T., assignor.)						
Trask, William S., assignor to P. & F. Corbin, New Britain, Conn. Machine for making butts and hinges.....	869,998	Nov. 5	198	52-4	131	70
Traum, John, Walhonding, Ohio. Chain-casting mold.....	843,977	Feb. 12	2232	477	126	2387
Trauner, Jerome, San Francisco, Cal. Dressmaker's skirt-gage.....	864,939	Sept. 3	274	73	130	87
Traut & Hine Manufacturing Company. (See Hine, Henry C., assignor.)						
Traut and Hine Manufacturing Company. (See Humphrey, Ernest N., assignor.)						
Traut & Hine Manufacturing Company. (See Prentice, George E., assignor.)						
Traut, Justus A., assignor to Stanley Rule & Level Company, New Britain, Conn. Scraper.....	842,275	Jan. 29	5007	1059	126	1421
Trautman, Charles G., Chicago, Ill. Alarm-clock.....	871,900	Nov. 26	3671	895	131	993
Trautmann, Bertha. (See Trautmann, Max, assignor.)						
Trautmann, Max, Leipzig-Neustadt, Germany. Device for thawing windows.....	840,595	Jan. 8	1637	359	126	462
Trautmann, Max, assignor to B. Trautmann, née Sprie, Dresden, Germany. Controlling system for railways.....	865,730	Sept. 10	1519	428-9	130	494
Traver Circle Swing Company. (See Traver, Harry G., assignor.)						
Traver, Edward L. (See Walrath and Traver.)						
Traver, Harry G., East Orange, N. J. Trolley amusement.....	854,185	May 21	3702	765-6	128	1016
Traver, Harry G., assignor to Traver Circle Swing Company, New York, N. Y. Amusement apparatus.....	842,276	Jan. 29	5008	1069	126	1421
Traver, Philip C., assignor to M. P. McNamara, New York, N. Y. Repair device for pneumatic tires.....	866,539	Sept. 17	2735	765	130	916
Travers, Charles J., Chicago, Ill. Tilting-chair.....	851,454	Apr. 23	5490	1150	127	3095
Travis, Asher O. (See Murray and Travis.)						
Travis, Clarence C., Chicago, Ill. Vending-machine construction.....	858,837	July 2	832	216	129	287
Travis, Clarence C., Chicago, Ill. Mixing-valve.....	859,264	July 9	1466	391	129	527
Travis, Clarence C., and S. C. Higby, Chicago, Ill., assignors, by mesne assignments, to said Travis. Bunsen burner.....	860,164	July 16	2841	776	129	1005
Travis, Denison E. (See Heywood and Travis.)						
Travis, Herbert J., New York, N. Y. Pulverizer.....	848,273	Mar. 26	5126	1118	127	1382
Travis, Herbert J., assignor to Vulcan Combustion Company, New York, N. Y. Locomotive-boiler.....	864,047	Aug. 20	3025	836	129	3089
Travis, Jeremiah D., Fairbury, Ill. Conveyor.....	865,455	Sept. 10	1079	308	130	357
Travis, John M. (See Fitzgibbon and Travis.)						
Traviss, Anna L., Virginia, Minn. Garment-form.....	856,004	June 4	1079	224	128	1967
Travland, Aasen, Hoffman, Minn. Bicycle-boat.....	869,277	Oct. 29	3241	893	130	2406
Traxel, George H., Maysville, Ky. Hydrant.....	860,424	Feb. 16	3235	885	129	1132
Traxler, Cisco R., Winston Salem, N. C. Automatic switch-operating mechanism.....	843,641	Feb. 12	1622	343-4	126	2235
Treadgold, George H., Port Huron, Mich. Emergency-wheel.....	862,422	Aug. 6	521	139	129	2249
Treadgold, George J., Indianapolis, Ind. Steam-blower.....	860,585	July 16	3481	956	129	1215
Treadwell, Munson H., New York, N. Y. Ladle.....	856,744	June 11	2568	528	128	2379

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Treager, Jacob, Oakland, Cal. Attachment for washbasins and the like.	858,234	June 25	5478	1168	128	3183
Treanor, Edward D. (See Heard and Treanor.)						
Treat, Edward R., et al. (See Kimber, Abraham, assignor.)						
Treat, James E., Boston, Mass. Calendar.	854,127	May 21	3590	740	128	985
Treat, William B. (See Maynard, John, assignor.)						
Trebert, Henry L. F., assignor to Brownell-Trebert Company, Rochester, N. Y. Car-bureter.	853,428	May 14	2127	444	128	578
Trebilcock, William H., St. Louis, Mo. Corset connection.	860,586	July 16	3482	957	129	1215
Tredegar Company. (See Yost, William R., assignor.)						
Tredo, George L., assignor to Contractors' Plant Manufacturing Company, Buffalo, N. Y. Hoisting-machine.	841,198	Jan. 15	2828	616-17	126	809
Tredwell, Charles A., assignor to Horton Manufacturing Company, Bristol, Conn. Fishing-rod.	863,676	Aug. 20	2472	682	129	2917
Treen, Jefferson, New York, N. Y. Safety explosive-heater.	859,154	July 2	1300	346	129	438
Treen, Jefferson, assignor to Manhattan High Powered Motor Company, New York, N. Y. Internal-combustion motor.	844,836	Feb. 19	4220	900-1	126	2913
Treffiere, Louis E., and V. J. Jehin, Paris, France. Means for preventing side slip in pneumatic tires.	872,096	Nov. 26	4125	986	131	1058
Treftz, Fred H., Chicago, Ill. Metal sash-bar.	848,141	Mar. 26	4879	1065	127	1318
Tregoning Electric Manufacturing Company. (See Tregoning, William C., assignor.)						
Tregoning, William C., assignor to Tregoning Electric Manufacturing Company, Cleveland, Ohio. Attachment-plug.	861,238	July 23	4504	1233	129	1580
Treibel, Friedrich, Berlin, Germany. Fireplace for boilers.	860,504	July 16	3353	920	129	1173
Tremblay, Louis M. (See Aubé and Tremblay.)						
Tresenreuter, Gustav, Steglitz, near Berlin, Germany. Spinning device for whipping tops.	865,619	Sept. 10	1360	384	130	445
Tressider, John J., New York, assignor to American Column Company, Brooklyn, N. Y. Fireproof column.	849,819	Apr. 9	2342	481	127	2220
Tressider, John J., New York, assignor to American Column Company, Brooklyn, N. Y. Fireproof column.	862,681	Aug. 6	964	258	129	2381
Treskow, Otto von, Fürstenwalde, Germany. Back-support.	859,469	July 9	1777	476	129	629
Tresselt, Alvin, New York, N. Y. Time-switch.	858,040	June 25	5096	1079	128	3084
Tretch, William J., assignor to F. A. Riehle, Philadelphia, Pa. Hydraulic four-way valve and by-pass.	869,755	Oct. 29	4017	1110	130	2642
Trett, Minnie J., Arkansas City, Ark. Kettle-lid.	874,138	Dec. 17	3772	795	131	1836
Trettau, Carl, Gimmel, Germany. Apparatus for aerating and cleaning flour, grits, and the like.	845,016	Feb. 19	4560	971	126	2997
Trettau, Carl, Gimmel, Germany. Apparatus for improving grain.	845,017	Feb. 19	4561	971	126	2997
Treubner, F. (See Besson, André, assignor.)						
Trevaskis, A. L. (See Anthony, Kohath, assignor.)						
Treviranus, George, Duluth, Minn. Car sweeper or scraper.	853,385	May 14	2063	428	128	562
Trewella, Benjamin. (See Trewella, William, assignor.)						
Trewella, Charles E., New Britain, assignor to American Silver Company, Bristol, Conn. Detachable handle.	860,270	July 16	3002	821	129	1057
Trewella, Charles E., Forestville, assignor to American Silver Company, Bristol, Conn. Percolator.	866,985	Sept. 24	3420	969	130	1167
Trewella, William, assignor to himself and B. Trewella, Trentham, Victoria, Australia. Lever-jack.	853,526	May 14	2330	485-6	128	632
Trewella, William, assignor to himself and B. Trewella, Trentham, Victoria, Australia. Mechanism for controlling the pawls in pawl-and-ratchet mechanisms.	862,034	July 30	5738	1594	129	1995
Tribbey, George W., Marshfield, Oreg. Faucet.	863,953	Aug. 20	2893	796	129	3050
Tribe, James, assignor to Allis-Chalmers Company, Milwaukee, Wis. Regulator and safety-stop.	863,117	Aug. 13	1648	441-2	129	2628
Trible, George L. (See Veatch, Everett F., assignor.)						
Trident Tire Company. (See Thomson and Kremer, assignors.)						
Trier, Frank, London, England. Rest and dresser for grindstones, emery-wheels, and the like.	851,328	Apr. 23	5252	1101	127	3036
Triestram, John, Kalamazoo, Mich. Shifting thill.	848,514	Mar. 26	5598	1223	127	1497
Triggs, James M., assignor of one-half to W. B. Rorick, Morenci, Mich. Chute-frame.	870,524	Nov. 5	1023	279	131	330
Trimble, Joseph. (See Beebe and Trimble.)						
Trimble, Joseph G., Maineville, Ohio. Cement fence-post.	863,118	Aug. 13	1650	442	129	2629
Trimble, Mark W., Idabel, Ind. Ter. Railway-rail.	842,124	Jan. 22	4666	1002	126	1303
Trimble, Minna V., Bellevue, Pa. Dish-washer.	842,726	Jan. 29	6028	1269	126	1683
Trimble, William, assignor to American Featherbone Company, Chicago, Ill. Quill-feeding mechanism.	858,487	July 2	212	50-1	129	79
Trinity Press Company. (See Sheehan, Thomas C., assignor.)						
Trinks, Franz, Brunswick, Germany. Adjusting-lever arrangement for calculating-machines.	843,506	Feb. 5	1335	281	126	2127
Trinks, Willibald, Pittsburg, Pa., assignor to William Tod Company, Youngstown, Ohio. Throttle-valve system.	847,623	Mar. 19	3841	840	127	1030
Triplex Gas Engine Company. (See Anderson, Lars, assignor.)						
Tripp, Benjamin F., assignor of one-half to D. G. Langlands, Medford, Mass. Rowlock.	867,686	Oct. 8	697	196	130	1546
Tripp, Chester L., New Bedford, Mass. Transportation device.	845,207	Feb. 26	4945	1049	126	3137
Tripp Fruit Wrapping Machine Company. (See Ballard, Milton H., assignor.)						
Tripp, James H., assignor to J. B. Harvey, Vanceboro, N. C. Virgin-ground plow.	857,319	June 18	3645	772	128	2689
Tripp, James H., assignor of three-fourths to W., W., and J. H. Morris, Vanceboro, N. C. Turner's tool.	850,874	Apr. 16	4353	912	127	2773
Triska, Joseph, Omaha, Nebr. Paper-folding machine.	874,645	Dec. 24	4796	1007-8	131	2036
Trisman, John H., New York, N. Y. Pasting-machine.	857,423	June 18	3841	815	128	2737
Tritt, Burleigh E., South Bend, Ind. Power-transmitting and speed-governing device.	841,739	Jan. 22	3894	844	126	1113
Triumph Manufacturing Company. (See Streich, Frank, assignor.)						
Triumph Voting Machine Company. (See Abbott, Charles C., assignor.)						
Triumph Voting Machine Company. (See Barnum, Carl G., assignor.)						
Triumph Voting Machine Company. (See Barnum and Shepardson, assignors.)						
Triumph Voting Machine Company. (See Camp, Arthur B., assignor.)						
Triumph Voting Machine Company. (See Delavan, Willard M., assignor.)						
Triumph Voting Machine Company. (See Delavan and Camp, assignors.)						
Triumph Voting Machine Company. (See Pitney, Charles H., assignor.)						
Triumph Voting Machine Company. (See Shepardson and Pitney, assignors.)						
Troqueten, Constant. (See Lothammer and Troqueten.)						
Troeger, Jesse J., Chicago, Ill. Transmission mechanism.	844,217	Feb. 12	2694	576	126	2500
Troland, Thomas H., New London, Conn. Alarm.	864,576	Aug. 27	3883	1077	129	3387
Troll, Harry, administrator. (See Groash, Harrison M.)						
Trolley Supply Company. (See Knutson, Alfred W., assignor.) (Reissue.)						
Tromanhauser, Jesse H., Minneapolis, Minn. Storage-bin.	844,633	Feb. 19	3801	804	126	2805
Tromanhauser, Jesse H., Minneapolis, Minn. Storage-bin.	848,410	Mar. 26	5412	1180	127	1452
Trommald, Gunder T., Portland, Oreg. Bottle attachment.	865,545	Sept. 10	1240	353	130	405

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Trommal, Gunder T., Portland, Oreg. Bottle attachment.	868,824	Oct. 22	2559	706	130	2167
Tropic Fruit Company. (See Ellsworth and Clark, assignors.)						
Tropp, Bernhard, assignor of one-half to W. H. Laird, New York, N. Y. Electric time-switch.	864,048	Aug. 20	3026	836	129	3090
Troppman, Charles J., Marquette, Mich., assignor to F. A. Hardy & Company, Chicago, Ill. Adjustable means for attaching lenses.	852,588	May 7	442	81	128	117
Trossin, Otto, assignor to E. M. A. Feuerherd, Hamburg, Germany. Rotatable grate.	851,043	Apr. 23	4667	981	127	2890
Trossin, Otto, assignor to E. M. A. Feuerherd, Hamburg, Germany. Furnace.	863,239	Aug. 13	1848	497	129	2691
Trost, William, Goodland, Kans. Fence-guard.	861,559	July 30	5038	1383	129	1785
Trott, Warren E., New York, N. Y. Folding crib.	841,359	Jan. 15	3170	682	126	895
Trotter, Frank C., Rochester, N. Y. Refrigerator.	843,978	Feb. 12	2233	478	126	2387
Trotter, George, Riverton, Ill. Dumping-cage for mine-cars.	864,813	Sept. 3	72	21	130	25
Trotter, George F., and A. Bebout, St. Louis, Mo.; said Trotter assignor to said Bebout. Massage apparatus.	842,503	Jan. 29	5522	1170	126	1562
Trotter, Joseph W., Dora, Ala. Rail-chair.	868,505	Oct. 15	2018	564	130	1970
Trounstone, John, et al. (See Thorne, Bernard D., assignor.)						
Troup, James B. and W. C., Midland, Ind. Rotary engine.	867,172	Sept. 24	3714	1051	130	1259
Troup, Walter C. (See Troup, James B. and W. C.)						
Trout, Hiram B., Shelbyville, Ill. Baling-press.	867,767	Oct. 8	818	233	130	1584
Trout, Miles M., assignor to G. W. Shoemaker, Elmira, N. Y. Bow-spacing clamp for vehicle-tops.	841,072	Jan. 8	2569	561	126	697
Troutman, Lewis E., Schenectady, N. Y., assignor to General Electric Company. Fuse-box.	866,090	Sept. 17	2097	583	130	716
Troutman, William E., Vandergrift, Pa. Machine for reversing flasks and molds.	867,321	Oct. 1	139	41	130	1356
Trowbridge, Charles C., New York, N. Y. Refrigerating cars.	870,913	Nov. 12	1659	456	131	569
Troy Laundry Machinery Company. (See Bartholomew, William, assignor.)						
Troy Laundry Machinery Company. (See Moe, Sivert, assignor.)						
Troy Laundry Machinery Company. (See Royce, Charles A., assignor.)						
Troy Laundry Machinery Company. (See Wilcox, Henry S., assignor.)						
Troy, Matthew O., Schenectady, N. Y., assignor to General Electric Company. Light-neg-arrester.	840,028	Jan. 1	468	102	126	127
Troy, Matthew O., Schenectady, N. Y., assignor to General Electric Company. Means for improving the power factor of alternating-current circuits.	848,936	Apr. 2	665	133	127	1758
Troy, Matthew O., Schenectady, N. Y., assignor to General Electric Company. Controlling-switch for transformers.	851,786	Apr. 30	6175	1289	127	3297
Troy, Matthew O., Schenectady, N. Y., assignor to General Electric Company. Transformer.	853,843	May 14	2983	612	128	797
Troy, Matthew O., Lynn, Mass., assignor to General Electric Company. System of electrical distribution.	848,935	Apr. 2	663	133	127	1757
Troy Wagon Works Company. (See Geiger, Charles A., assignor.)						
Troyer, Max, Prague, Austria-Hungary. Crane-operating gearing.	844,058	Feb. 12	2383	510	126	2422
Troyer, Nelson, Portland, Oreg. Can-heading machine.	846,966	Mar. 12	2512	554-5	127	668
Troyer, Nelson, Portland, Oreg. Can-heading machine.	871,379	Nov. 19	2588	662-3	131	793
Trub, Philip J. (See Fleming, Trub, and Blackton.)						
True, George A., assignor to Northern Engineering Works, Detroit, Mich. Gauntree-crane.	841,827	Jan. 22	4098	881-2	126	1167
True, George A., assignor to Northern Engineering Works, Detroit, Mich. Trolley for traveling cranes.	847,849	Mar. 19	4299	943	127	1139
True, Jacob, Castile, N. Y. Barrel-cleaner for breech-loading firearms.	852,748	May 7	747	147	128	195
True, William A., Natoma, Kans. Band-cutter and feeder.	869,113	Oct. 22	2987	825	130	2300
Trueblood, Mary E., Springfield, Mass. Foundation-collar.	859,632	July 9	2028	547	129	710
Truelsens, Wilhelm F., assignor to Logemann Brothers Company, Milwaukee, Wis. Baling-press.	851,714	Apr. 30	6049	1263	127	3264
Trueman, Henry P., Hyde, and E. D. Cleghorn, Manchester, assignors to said Cleghorn, H. J. Smith, Charlton Cum-Hardy, Manchester, and C. G. Smith, Kemble, Cirencester, England. Multiple-spindle screw-making and metal-turning lathe.	859,351	July 9	1611	428-30	129	575
Truesdale, Avery M., and E. A. Thompson, Jefferson, Ohio. Curtain and shade bracket.	872,862	Dec. 3	1150	244	131	1346
Truesdell, Henry, assignor to Cyclone Grate Bar Company, Limited, Toronto, Ontario, Canada. Grate-bar.	855,823	June 4	739	153	128	1881
Trufant, Walter E., Whitman, Mass. Last.	851,968	Apr. 30	6563	1367	127	3397
Trufant, Walter E., Whitman, Mass., assignor, by mesne assignments, to Premier Last Company, Great River, Long Island, N. Y. Turning lasts.	870,484	Nov. 5	963	263-4	131	312
Trufant, Walter E., Whitman, Mass., assignor to Krentler-Arnold Hinge Last Company, Detroit, Mich. Last.	875,136	Dec. 31	5798	1210	131	2221
Truffault, Jules M. M., assignor to Société des Automobiles Truffault, Paris, France. Automobile vehicle.	868,728	Oct. 22	2414	667-8	130	2122
Truman, William C., London, England. Necktie-frame.	846,527	Mar. 12	1630	362-3	127	443
Trumbull, George T., Chicago, Ill. Vertically-adjustable stool.	847,529	Mar. 19	3620	799	127	974
Trumbull, Herman E., Pipestone, Minn. Compound for making pipestone cement.	841,285	Jan. 15	3002		126	850
Trumbull, Rollin H., Chicago, Ill. Panoramic camera.	862,596	Aug. 6	842	224	129	2346
Trumbull, Rollin M., and J. Volz, Hildreth, Nebr. Post-hole auger.	844,634	Feb. 19	3403	804	126	2806
Trump, Edward N., Syracuse, N. Y. Conveying apparatus.	860,706	July 23	3686	1008-10	129	1314
Trunkbahn, Leopold, Vienna, Austria-Hungary. Bath for obtaining electrolytic metallic deposits.	868,729	Oct. 22	2415		130	2122
Trussed Concrete Steel Company. (See Forsyth, William D., assignor.)						
Trussed Concrete Steel Company. (See Kahn, Julius, assignor.)						
Trussell, Emory A., St. Louis, Mo., assignor to Sieber & Trussell Manufacturing Company. Loose-leaf binder.	859,633	July 9	2028	548	129	710
Trussell Hay Harvesting Machinery Company. (See Trussell, Wilbert C., assignor.)						
Trussell, Wilbert C., assignor to Trussell Hay Harvesting Machinery Company, Boston, Mass. Hay rake and cocker.	845,018	Feb. 19	4562	971-2	126	2997
Tryon, George, Chicago, Ill. Razor-strop.	851,715	Apr. 30	6051	1263	127	3265
Tryon, Thomas, New York, N. Y. Attachment intended to save closet-space.	842,821	Jan. 29	6192	1308	126	1722
Tschantz, David L., Canton, Ohio. Thill-coupling.	861,780	July 30	5377	1483	129	1885
Tschopik, Julius D., and N. G. Gorean, New Orleans, La. Flushing device.	870,597	Nov. 12	1132	309	131	400
Tubbs, Charles M., Oquawka, Ill. Letter-sheet.	875,636	Dec. 31	6869	1433	131	2380
Tubbs, William O., Lubbock, Tex. Spring-wheel.	851,572	Apr. 23	5719	1199	127	3148
Tubeising, William F., Cincinnati, Ohio. Machine for making concrete blocks.	868,730	Oct. 22	2416	668	130	2123
Tubular Rivet & Stud Company. (See Bray and Coombs, assignors.)						
Tuck, Gustave, London, England, assignor to Raphael Tuck & Sons Co., Ltd., New York, N. Y. Combined painting-book and color-box.	841,360	Jan. 15	3171	682	126	895
Tucker, Benjamin W., Newark, N. J. Machine for applying labels and the like to bottles and other articles.	866,091	Sept. 17	2098	583-5	130	716
Tucker, Benjamin W., Newark, N. J. Road-scarifier.	866,698	Sept. 24	2979	845	130	1021
Tucker, Benjamin W., Newark, N. J., assignor to American Tobacco Company, New York, N. Y. Boxing-machine.	851,263	Apr. 23	5111	1075-7	127	2998

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Tucker, Benjamin W., Newark, N. J., assignor to C. H. Unverzagt, New York, N. Y. Malt-stirring apparatus.	870,598	Nov. 12	1133	309-10	131	401
Tucker, Edwin W., San Francisco, Cal. Sectional metallic packing.	862,946	Aug. 13	1375	373	129	2541
Tucker, Ernest A., <i>et al.</i> (See Stanley, George W., assignor.)						
Tucker, Frank W., Milford, Conn. Coin-operated vending-machine.	865,828	Sept. 10	1695	470-1	130	562
Tucker, Joseph S., Chicago, assignor of one-third to S. N. Pond, Morgan Park, Ill. Wire-connector.	852,148	Apr. 30	6944	1450	127	3492
Tucker, Junius E., assignor of one-half to W. S. Brian, Memphis, Tenn. Paper-sheet-feeding mechanism for printing-presses.	852,473	May 7	179	32	128	54
Tucker, Junius E., assignor of one-half to W. S. Brian, Memphis, Tenn. Paper-sheet-feeding mechanism for printing-presses.	852,530	May 7	300	55	128	82
Tucker, Junius E., assignor of one-half to W. S. Brian, Memphis, Tenn. Paper-sheet-feeding mechanism for printing-presses.	868,618	Oct. 15	2223	617	130	2038
Tucker, Leroy, assignor to J. A. Shunk and T. W. Annabal, Peru, Ind. Air-brake system.	858,121	June 25	5271	1119	128	3130
Tucker, Leroy, and J. A. Shunk; said Tucker assignor to T. W. Annabal, Peru, Ind. Air-brake system.	858,122	June 25	5273	1119	128	3131
Tucker, Robert P., <i>et al.</i> (See Gourdin, John K., assignor.)						
Tucker, Samuel A., assignor to E. A. Sperry, New York, N. Y. Massive boron carbid and making same.	869,114	Oct. 22	2989	826	130	2300
Tucker, Samuel H., Gatesville, Tex. Cotton-chopping machine.	842,727	Jan. 29	6030	1269-70	126	1684
Tucker, Samuel H., Gatesville, Tex. Plow.	842,728	Jan. 29	6032	1270	126	1684
Tucker, Walter L., Los Angeles, Cal. Dressmaker's skirt-gage.	863,677	Aug. 20	2473	682	129	2917
Tuckermann, Ernst, Rath, near Dusseldorf, Germany. Two-time combustion-engine.	871,380	Nov. 19	2592	663-4	131	793
Tudor, James H., Lexington, Ky. Mail-bag catcher.	847,215	Mar. 12	2991	659-60	127	786
Tudor, Robert L., Buffalo, N. Y. Box-cover lifter.	874,043	Dec. 17	3538	753	131	1805
Tueckmantel, Hugo, Newark, N. J. Bag-fastener.	854,128	May 21	3591	740	128	985
Tuell, William L., and H. H. Borgerding, New Albany, Ind. Drawer-stop.	852,247	Apr. 30	7117	1489	127	3537
Tufts, Robert B., Atlanta, Ga. Tower and tank.	862,035	July 30	5740	1594	129	1996
Tull, Francis S., Houston, Tex. Bottle.	855,211	May 28	5730	1193	128	1560
Tull, Josiah B. (See Taylor and Tull.)						
Tulley, William M., Marion, Ind. Dipping-machine.	872,863	Dec. 3	1151	244-5	131	1347
Tulloch, David M. (See Christensen and Tulloch.)						
Tungate, Samuel D., Des Moines, Iowa. Attachment for dust-pans.	853,486	May 14	2242	467	128	608
Tunison, Murray C., assignor of one-half to C. W. Harrison, Los Angeles, Cal. Emergency-telegraph.	850,858	Apr. 16	4323	907	127	2764
Tunnell, Wilson B., Van, Tex. Plow attachment.	852,086	Apr. 30	6819	1421	127	3462
Tunstall, Charles A., Kamloops, British Columbia, Canada. Reversing-switch.	855,147	May 28	5605	1166	128	1528
Tunstall, William B., Worcester, Mass. Registering mechanism for the tracker-boards of musical instruments.	841,740	Jan. 22	3897	845	126	1114
Tipper, Fay, Kingsburg, Cal. Saw attachment.	869,947	Nov. 5	105	29	131	35
Turansky, Samuel, assignor, by mesne assignments, of one-half to M. G. Hahn, Brooklyn, N. Y. Water-heater.	862,218	Aug. 6	174	49	129	2138
Turbayne, William A. (See Hubbard and Turbayne.)						
Turbayne, William A., Lancaster, assignor to Gould Coupler Company, New York, N. Y. Self-regulating system of electrical distribution.	849,644	Apr. 9	2031	417	127	2140
Turbayne, William A., Lancaster, assignor to Gould Coupler Company, New York, N. Y. System of electrical distribution and regulation.	849,705	Apr. 9	2137	440	127	2167
Turbayne, William A., Lancaster, N. Y., assignor to Gould Coupler Company. Electrical system of distribution.	852,687	May 7	639	123	128	166
Turbayne, William A., Lancaster, N. Y., assignor to Gould Storage Battery Company. Electrical system of distribution.	852,639	May 7	532	101	128	139
Turck, Frederick M., New York, N. Y. Holder for manifold writing.	861,228	July 23	4487	1230	129	1573
Turkington, Alfred M., Berkeley, Cal. Electric igniter for gas-stoves.	868,233	Oct. 15	1587	450	130	1840
Turley, Patrick H., Harrisburg, Pa., assignor to Elliott-Fisher Company, New York, N. Y. Automatic key-connecting means for a combined type-writer and adder.	856,318	June 11	1709	355-6	128	2161
Turnan, Byron I., Oakland, assignor to New Idea Pulverizing Mill Company, San Francisco, Cal. Pulverizer.	870,261	Nov. 5	608	163	131	199
Turnan, Robert L., Atlanta, Ga. Trunk.	857,500	June 18	3999	851	128	2778
Turnbull, George A., Chicago, Ill. Expanded metal.	861,781	July 30	5377	1484	129	1885
Turnbull, George A., assignor to R. E. Turnbull, Chicago, Ill. Metallic stud.	840,596	Jan. 8	1638	360	126	463
Turnbull, John. (See Parsons and Turnbull.)						
Turnbull, Luke W., assignor to Wat Engine Company, Port Huron, Mich. Spark-controller for explosive-engines.	848,072	Mar. 26	4771	1041	127	1292
Turnbull, Rosella E. (See Turnbull, George A., assignor.)						
Turnbull, Rosella E., Chicago, Ill. Window construction.	869,466	Oct. 29	3558	975	130	2505
Turner, Albert R., London, England. Brake for cycles, motor-cars, and the like.	869,948	Nov. 5	106	29	131	35
Turner, Alexander R. (See Kirkpatrick, James, assignor.)						
Turner, Alfred W. (See Tibbitts and Turner.)						
Turner, Andrew V. (See Holman, J. Frank, assignor.)						
Turner, Byron P. (See Bolton, James M., assignor.)						
Turner, Charles E., Rochester, N. Y., assignor to Dukesmith Air Brake Release Signal Company, Meadville, Pa. Air-brake apparatus. (Reissue.)	12,677	July 30	5909	1635-6	129	2049
Turner, Charles L., Reading, assignor to Davidson Rubber Company, Boston, Mass. Butt-seaming machine.	875,137	Dec. 31	5801	1210-11	131	2221
Turner, Charles P., Harrisburg, and J. W. Dougherty, Steelton, Pa. Blast-furnace-charging device.	868,506	Oct. 15	2018	564-6	130	1970
Turner, Charles P., Harrisburg, and J. W. Dougherty, Steelton, Pa. Blast-furnace-charging device.	868,508	Oct. 15	2024	567-8	130	1972
Turner, Charles P., Harrisburg, J. W. Dougherty and J. E. Little, Steelton, Pa. Blast-furnace-charging device.	868,507	Oct. 15	2021	566-7	130	1971
Turner, Charles W. S., Mountville, Va. Railway-signal.	869,467	Oct. 29	3559	975-6	130	2505
Turner, Claude A. P., Minneapolis, Minn. Centering for reinforced concrete work.	858,924	July 2	956	249	129	328
Turner, Claude A. P., Minneapolis, Minn. Steel skeleton construction for concrete buildings.	859,858	July 9	2370	644	128	819
Turner, Frank E., Harvard, Nebr. Device for straightening axles.	844,551	Feb. 19	3411	735	126	2716
Turner, Franklin H., Sattley, Cal. Combined saw clamp and set.	863,562	Aug. 13	2294	628	129	2828
Turner-Fricke Manufacturing Company. (See Fricke and Turner, assignors.)						
Turner, G. Fred. (See Miller, Oliver N., assignor.)						
Turner, George E. (See Fricke and Turner.)						
Turner, George E., and H. C. Fricke, assignors to Turner-Fricke Manufacturing Company. Pittsburgh, Pa. Gas-engine base and shaft-bearings therefor.	864,049	Aug. 20	3028	837	129	3090
Turner, Harry, <i>et al.</i> (See Ferguson, Turner, and Haller.)						
Turner, Henry, London, England. Means for prevention of skidding or side slipping of motors or other vehicles.	857,774	June 25	4541	959	128	2946
Turner, Henry, Richmond, Va. Animal-trap.	866,987	Sept. 24	3423	970	130	1168
Turner, Herschel R., Hoxie, Kans. Telephone system.	842,822	Jan. 29	6194	1308-9	126	1723

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Turner, James W., Shelbyville, Mo. Sulky attachment for plows.....	842,438	Jan. 29	5391	1141	126	1528
Turner, John W., Terre Haute, Ind. Bridle-bit.....	848,937	Apr. 2	666	133	127	1758
Turner, Kelley M. (See Haif, Howell W., assignor.)						
Turner, Kelley M., New York, N. Y. Modulating telephone-receiver.....	848,073	Mar. 26	4772	1041	127	1292
Turner, Kelley M., New York, N. Y., assignor to General Acoustic Company. Telephone-receiver.....	855,911	June 4	917	190	128	1925
Turner, Kelley M., New York, N. Y., assignor to General Acoustic Co. Visual signal and key.....	861,001	July 23	4160	1140	129	1467
Turner, Kelley M., New York, and N. W. Johnston, Chappaqua, N. Y., assignors, by mesne assignments, to General Acoustic Company. Carbon-ball transmitter.....	844,635	Feb. 19	3804	805	126	2806
Turner, Kelley M., New York, and N. W. Johnston, Chappaqua, N. Y., assignors, by mesne assignments, to General Acoustic Company. Ear-massage apparatus.....	845,383	Feb. 26	5307	1126	126	3227
Turner, Kelley M., New York, and N. W. Johnston, Chappaqua, N. Y., assignors, by mesne assignments, to General Acoustic Company. Acousticon.....	846,068	Mar. 5	718	150	127	184
Turner, Kelley M., New York, N. Y., and W. F. H. Germer, Hoboken, N. J.; said Germer assignor to said Turner. Telephone dictating machine or apparatus.....	843,186	Feb. 5	713	149	126	1973
Turner, Robert H. (See Kirby, Robert C., assignor.)						
Turner, Robert J. (See Rohmer, William B., assignor.)						
Turner, Robert M. (See Beard, Jerome L., assignor.)						
Turner, Rose R., and J. C. Bernitt, Spokane, Wash. Electrical keyboard-heater and tone-preserver for pianos and organs.....	861,560	July 30	5039	1383	129	1785
Turner Tanning Machinery Company. (See Chain, Elmer E., assignor.)						
Turner Tanning Machinery Company. (See Coombs, Thomas P., assignor.)						
Turner Tanning Machinery Company. (See Howe, Fred F., assignor.)						
Turner Tanning Machinery Company. (See Rood and Perkins, assignors.)						
Turner Tanning Machinery Company. (See Stackpole, Charles F., assignor.)						
Turner Tanning Machinery Company. (See Turner, William B., assignor.)						
Turner, Thomas, Ottumwa, Iowa. Pneumatic motor.....	842,359	Jan. 29	5194	1103	126	1472
Turner, Thomas, Ottumwa, Iowa. Rock-drill-feeding mechanism.....	843,718	Feb. 12	1748	372-3	126	2266
Turner, Thomas, Ottumwa, Iowa. Rock-drill-feed mechanism.....	869,278	Oct. 29	3241	894	130	2406
Turner, Walter H. <i>et al.</i> (See Stone, John S., assignor.)						
Turner, Walter V. (See Clark and Turner.)						
Turner, Walter V. (See Farmer and Turner.)						
Turner, Walter V., Wilmerding, assignor to Westinghouse Air Brake Company, Pittsburgh, Pa. Pressure-controlling valve for air-brake systems.....	841,469	Jan. 15	3364	727	126	945
Turner, Walter V., Wilmerding, assignor to Westinghouse Air Brake Company, Pittsburgh, Pa. Air-brake mechanism.....	841,470	Jan. 15	3367	728	126	946
Turner, Walter V., Wilmerding, assignor to Westinghouse Air Brake Company, Pittsburgh, Pa. Air-brake system.....	846,528	Mar. 12	1632	363	127	444
Turner, Walter V., Wilmerding, assignor to Westinghouse Air Brake Company, Pittsburgh, Pa. Oil-cup for air-pumps.....	849,868	Apr. 9	2450	502	127	2247
Turner, Walter V., Wilkinsburg, assignor to Westinghouse Air Brake Company, Pittsburgh, Pa. Fluid-pressure brake.....	874,260	Dec. 17	4013	847-8	131	1877
Turner, Walter V., Wilkinsburg, assignor to Westinghouse Air Brake Company, Pittsburgh, Pa. Graduated-release-valve mechanism for fluid-pressure brakes.....	874,261	Dec. 17	4016	848	131	1877
Turner, Walter V., Edgewood, assignor to Westinghouse Air Brake Company, Pittsburgh, Pa. Fluid-pressure brake.....	870,806	Nov. 12	1493	408	131	518
Turner, Walter V., Wilkinsburg, and E. A. Wright, Edgewood Park, assignors to Westinghouse Air Brake Company, Pittsburgh, Pa. Combined automatic and straight-air brake.....	842,923	Feb. 5	162	38	126	1831
Turner, Walter V., Wilkinsburg, and F. L. Clark, assignors to Westinghouse Air Brake Company, Pittsburgh, Pa. Fluid-pressure brake.....	857,912	June 25	4813	1020	128	3012
Turner, Walter V., Wilkinsburg, and R. H. Blackall, Edgewood Park, assignors to Westinghouse Air Brake Company, Pittsburgh, Pa. Fluid-pressure brake.....	857,911	June 25	4811	1020	128	3011
Turner, William A., Glasgow, Scotland. Carriage for conveying drums of electric cables.....	875,013	Dec. 31	5561	1161-2	131	2181
Turner, William B., Melrose, assignor, by mesne assignments, to Turner Tanning Machinery Company, Boston, Mass. Leather-treating machine.....	840,029	Jan. 1	469	102	126	127
Turner, William B., Melrose, assignor to Turner Tanning Machinery Company, South Boston, Mass. Machine for applying liquid to skins.....	840,597	Jan. 8	1639	360-1	126	463
Turner, William B., Melrose, assignor to Turner Tanning Machinery Company, Boston, Mass. Leather-dressing machine.....	854,855	May 28	4989	1038-9	128	1372
Turner, William D., Mars, Pa. Metallic tie.....	873,469	Dec. 10	2381	501	131	1581
Turner, William L., Philadelphia, Pa. Woven fabric to imitate leaded stained glass windows.....	860,707	July 23	3689	1010	129	1314
Turner, William L., Philadelphia, Pa. Woven fabric.....	860,708	July 23	3690	1010	129	1315
Turner, William W., Sunlight, Mo. Post-driving machine.....	869,815	Oct. 29	4106	1134	130	2664
Turney, William S., Greensburg, Pa. Hot-air furnace.....	849,177	Apr. 2	1144	231	127	1881
Turney, William S., Greensburg, Pa. Heater.....	867,768	Oct. 8	820	234	130	1587
Turnstrom, Alfred, <i>et al.</i> (See Winqvist, Victor, assignor.)						
Turpie, William, <i>et al.</i> (See Benn, Howard H., assignor.)						
Turpin, Walter S., and J. H. Holden, Washington, D. C. Universal joint.....	840,529	Jan. 8	1500	333	126	429
Turtelot, Mary D., Syracuse, N. Y. Newspaper-receptacle.....	844,059	Feb. 12	2384	510	126	2422
Turton, James E., Jr., and J. T. Henshaw, Washington, D. C. Foldable box.....	875,014	Dec. 31	5563	1162	131	2181
Turton, John K., New York, N. Y. Wheel-rim.....	866,986	Sept. 24	3421	969-70	130	1167
Tuteur, Julius, Cleveland, Ohio. Timber seat and support.....	847,850	Mar. 19	4301	943	127	1140
Tuteur, Julius, Cleveland, Ohio. Joist-hanger.....	858,838	July 2	834	216	129	288
Tuttle, Anna M., <i>et al.</i> , administratrices. (See Tuttle, Calvin B.)						
Tuttle & Bailey Manufacturing Company. (See Gronbeck, Christian E. A., assignor.)						
Tuttle, Calvin B. (See Christenson, Nils, assignor.)						
Tuttle, Daniel M., Canastota, N. Y. Gas-engine.....	840,178	Jan. 1	782	171	126	210
Tuttle, Franklin, New York, N. Y. Painting implement.....	842,504	Jan. 29	5523	1170	126	1562
Tuttle, George R., Sacramento, Cal. Restraining wall or levee.....	855,598	June 4	297	61	128	1771
Tuttle, Jonathan B., Claremont, Cal. Fishing-tackle.....	840,578	Jan. 8	1644	361	126	464
Tuttle, Joseph H., West Somerville, assignor to C. B. Frost, Cambridge, Mass. Package-sealing apparatus.....	848,706	Apr. 2	171	37	127	1630
Tuttle, Josiah S., Kansas City, Mo., assignor to Ohio Cultivator Co., Bellevue, Ohio. Baling-press.....	848,411	Mar. 26	5413	1180-1	127	1452
Tuttle, Josiah S., Kansas City, Mo., assignor to Ohio Cultivator Co., Bellevue, Ohio. Baling-press.....	848,412	Mar. 26	5414	1181	127	1453
Tuttle, Josiah S., Kansas City, Mo., assignor to Ohio Cultivator Co., Bellevue, Ohio. Self-feed mechanism for baling-presses.....	848,413	Mar. 26	5416	1181-2	127	1453
Tuttle, Josiah S., assignor to Standard Scale and Foundry Co., Kansas City, Mo. Baling-press.....	854,678	May 21	4609	960-1	128	1246
Tuttle, Merritt I., Fort Morgan, Colo. Dumping device for vehicles.....	855,267	May 28	5830	1215	128	1587
Tuttle, Washington I., Baltimore, Md. Box or receptacle.....	853,844	May 14	2984	613	128	797

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Tuttle, William L., Marengo, Iowa. Valve-operating mechanism for automatic air and gas mixers.....	853,487	May 14	2243	467	128	608
Tuttle, William R., Asotin, Wash. Hydraulic motor.....	857,501	June 18	4000	851	128	2778
Tutwiler, Carrington C. (See Bond and Tutwiler.)						
Twaddell, Janie S., El Paso, Tex. Combined pen and pencil rack.....	872,157	Nov. 26	4236	1011	131	1078
Twamley, Clark E., Alexandria, S. D. Seed-corn tester.....	863,474	Aug. 13	2161	584-5	129	2789
Twamly, Clark E., Alexandria, S. D. Seed-corn tester.....	866,988	Sept. 24	3424	970-1	130	1168
Twamly, Clark E., Alexandria, S. D. Seed-corn tester.....	866,989	Sept. 24	3426	971	130	1168
Tweedy, William J., Colville, Wash. Broom.....	851,455	Apr. 23	5493	1150	127	3095
Twelt, Jacob, Ericson, Mont. Stirrup.....	872,264	Nov. 26	4451	1058	131	1112
Twer, Albert, Nassau, Germany. Apparatus for grasping the skelp of a tube to be welded.	868,375	Oct. 15	1824	514	130	1911
Twigg, Henry A., Denver, Colo. Combined turn-down-collar folder, shaper, and edge-ironer.....	853,845	May 14	2987	613	128	798
Twigg, Henry A., Denver, Colo. Seam-dampener.....	870,807	Nov. 12	1495	408	131	518
Twigg, John F., San Francisco, Cal. Modeling for speed-boats.....	856,745	June 11	2570	528	128	2380
Twin Bottle-Cap Company. (See Robinson, Frank T., assignor.)						
Twin Lubricator Company. (See Armstrong, Ernest, assignor.)						
Twinem, Joseph, New York, N. Y. Combined sewing-machine cover and chair.....	875,471	Dec. 31	6453	1348	131	2327
Twining, William S., Philadelphia, Pa. Passenger street-car.....	865,456	Sept. 10	1080	308-9	130	358
Twist, Evan A. (See Wysong, Ansel S., assignor.)						
Twist John. (See Rimmelin, Richard, assignor.)						
Twitchell, Ernst, Wyoming, Ohio. Effecting a combination between selected members of the alcohols and fatty acid.....	844,426	Feb. 19	3141		126	2651
Twitchell, James E., Detroit, assignor, by mesne assignments, to J. B. Timberlake & Sons, Jackson, Mich. Display-easel. (Reissue).....	12,711	Oct. 29	4196	1159	130	2696
Twitchell, James E., Detroit, assignor, by mesne assignments, to J. B. Timberlake & Sons, Jackson, Mich. Display-easel.....	870,914	Nov. 12	1660	457	131	570
Twitchell, Selden, Bryn Mawr, Pa., and C. O'Connor, assignors to S. Twitchell Co., Camden, N. J. Apparatus for carbonating liquids.....	854,390	May 21	4066	841	128	1112
Twitchell, Sherman E., Mobile, Ala. Folding bed.....	849,943	Apr. 9	2576	535	127	2279
Twitt, Charles E., assignor of one-half to W. J. Twitt, West Tampa, Fla. Form for making concrete curbs or gutters.....	861,686	July 30	5219	1434	129	1839
Twitt, William J. (See Twitt, Charles E., assignor.)						
Tyberg, Olof, assignor to R. L. Patterson and G. Arents, Jr., New York, N. Y. Adhesive-supplying mechanism.....	863,119	Aug. 13	1651	443	129	2630
Tye, Ludwig A., G. Boivin, and L. N. Benjamin, assignors to Ideal Concrete, Limited, Montreal, Quebec, Canada. Plastic structure.....	851,573	Apr. 23	5720	1199	127	3148
Tyden, Emil, Hastings, Mich. Machine for cutting blanks staggering.....	842,592	Jan. 29	5708	1207-8	126	1604
Tyden, Emil, Hastings, Mich. Sheet-feeding device.....	845,907	Mar. 5	379	77-8	127	98
Tyden, Emil, Hastings, Mich. Fiber-mixer.....	852,474	May 7	181	32	128	55
Tyden, Emil, Hastings, Mich. Sheet-separating device for sheet-feeding machines.....	853,910	May 14	3130	641	128	833
Tyden, Emil, Hastings, Mich. Pedestal-table lock.....	860,709	July 23	3691	1011	129	1315
Tyden, Emil, Hastings, Mich. Hasp-latch.....	868,234	Oct. 15	1588	451	130	1840
Tyden, Emil, Hastings, Mich. Seal-lock.....	874,712	Dec. 24	4933	1086	131	2058
Tye, Reginald H., Goderich, Ontario, Canada. Trousers-hanger.....	853,527	May 14	2332	486	128	632
Tyer, Edward, Dalston, London, England. Apparatus for insuring safety of traffic on single lines of railway.....	871,538	Nov. 19	2942	734-5	131	846
Tyer, James P. (See Pool, Alva, assignor.)						
Tygar, James W., assignor of one-half to H. A. W. Wood, New York, N. Y. Vibrative liquid atomizer and mixer.....	862,856	Aug. 6	1244	337	129	2465
Tygart, Frances A. (See Benjamin, George, assignor.)						
Tyldesley, Harry, assignor of two-thirds to T. Tyldesley and M. P. Creel, Central City, Ky. Drilling appliance.....	870,701	Nov. 12	1313	359	131	462
Tyldesley Thomas, et al. (See Tyldesley, Harry, assignor.)						
Tyler, Benjamin F., Coshocton, Ohio. Curtain-fixture.....	872,698	Dec. 3	794	165-6	131	1293
Tyler, Charles C., Annetta, N. C. Convertible fork and rake.....	846,264	Mar. 5	1081	234	127	275
Tyler, Frank A. (See Sack and Tyler.)						
Tyler, George B., assignor of one-half to W. R. Waters, Hastings, Nebr. Apparatus for manufacturing concrete blocks.....	854,856	May 28	4994	1040	128	1374
Tyler, Herbert F. (See Hess, William H., assignor.)						
Tyler, James D., South Berlin, Mass. Strainer.....	863,813	Aug. 20	2685	740	129	2986
Tyler, John E., Roxobel, N. C. Fence.....	853,846	May 14	2988	614	128	798
Tyler, John J. (See Nash, John, assignor.)						
Tynan, John A., Indianapolis, Ind. Heating-stove.....	851,044	Apr. 23	4668	981	127	2890
Tyndall, Jessie C., St. Louis, Mo. Toy lantern.....	848,938	Apr. 2	667	134	127	1758
Tyndall, Jessie C., St. Louis, Mo. Kindergarten-loom.....	856,319	June 11	1716	356	128	2162
Tyndall, Jessie C., St. Louis, Mo. Kindergarten-loom.....	856,320	June 11	1717	357	128	2163
Tynes, Lucius M., Gloster, Miss. Sewing-machine attachment.....	841,604	Jan. 15	3611	785	126	1009
Tynes, Minor E., assignor of one-half to J. H. Hines, Gloster, Miss. Collapsible ship-ping-case.....	858,488	July 2	215	51	129	80
Tyra, Joseph, Minneapolis, Minn. Sheet-metal door.....	841,908	Jan. 22	4257	917	126	1205
Tyree, William, Nelson, New Zealand. Automatic spray for painting, agricultural, disinfecting, and other analogous purposes.....	854,317	May 21	3938	813	128	1080
Tyrone Realty Improvement Company. (See O'Connor, John, assignor.)						
Tyrrill, Elmer L., Gloversville, N. Y. Bedclothes-supporting device.....	868,037	Oct. 15	1303	362	130	1755
Tyrrill, Lester L., Bucoda, Wash. Wagon.....	859,265	July 9	1467	391	129	528
Tysinger, Herbert, Little Rock, Ark. Latch.....	848,515	Mar. 26	5599	1223	127	1497
Tyson, Frank, Canton, Ohio. Pasteurizing apparatus.....	853,659	May 14	2605	540	128	702
Tyson, Frank, Canton, Ohio. Ice-cream freezer.....	855,364	May 28	5996	1252	128	1628
Tyson, Frank, Philadelphia, Pa. Paper-bag machine.....	859,416	July 9	1709	455	129	606
Tyson, Frank B., Randolph, Kans. Gearing.....	844,761	Feb. 19	4083	870	126	2878
Tyson, John H. (See Schumacher and Tyson.)						
Tytler, John E., and W. H. Bowker, Manchester, England. Thread-guide of spinning, twisting, and like frames.....	859,417	July 9	1711	455	129	607
U. S. Bobbin and Shuttle Co. (See Blood, Ira A., assignor.)						
U. S. Bobbin & Shuttle Co. (See Stetson, Frank H., assignor.)						
U. S. Boiler Supply Company. (See Rakestraw, Thomas G., assignor.)						
U. S. Chemical Rubber Company. (See Nettenstrom, David, assignor.)						
U. S. Ekert Fibre Company. (See Ekert, Frederick M., assignor.)						
U. S. Gas Machine Co. (See Garland, George D., assignor.)						
U. S. Standard Voting Machine Co. (See Dey, Gilbert S., assignor.)						
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Uebelmesser, Charles, assignor to American Moving Picture Machine Company, New York, N. Y. Moving-picture-exhibiting apparatus.	851,387	Apr. 23	5370	1125-6	127	3065
Ueberle, August, New York, N. Y. Toy.	854,545	May 21	4362	903	128	1183
Uedelhofen, Valentin, Lakeside, Ill. Rail-joint.	847,382	Mar. 19	3333	731	127	898
Uffner, Hyman, New York, assignor to F. L. Schafuss Company, Brooklyn, N. Y. Album.	872,547	Dec. 3	491	103	131	1243
Uhde, Caroline E., Mount Vernon, Ind. Guard-rail for bedsteads.	843,421	Feb. 5	1150	241	126	2080
Uhland, Wilhelm H., Leipzig-Gohlis, Germany. Apparatus for washing starch.	860,068	July 16	2713	739	129	962
Uhlein, John C., Watertown, N. Y. Non-refillable bottle.	850,807	Apr. 16	4204	884	127	2732
Uhlein, John C., Watertown, N. Y. Non-refillable bottle.	850,808	Apr. 16	4206	884	127	2733
Uhlhorn, Diedrich, Jr., Grevenbroich, Germany. Drying-shaft for corn.	865,546	Sept. 10	1242	353	130	406
Uhlmann, Bernhard, Passaic, assignor of one-half to A. Alves, Englewood, N. J. Burglar-alarm.	870,063	Nov. 5	300	82	131	101
Uhlworm, Oskar, Berlin, Germany. Type casting and setting machine.	874,262	Dec. 17	4019	848-50	131	1877
Uhrich, Burns H., Atchison, Kans. Revolving-door structure.	846,049	Mar. 5	720	150-1	127	184
Uhrig, Adam H., Gallipolis, Ohio. Embossing-press.	862,947	Aug. 13	1376	373-4	129	2542
Uhrig, Leo, and R. A. Staben, Whittier, Cal. Hydrocarbon-burner.	849,289	Apr. 2	1342	271	127	1930
Uhrmacher, William, Trenton, Mo. Clevis-support.	866,829	Sept. 24	3187	896	130	1095
Uible, Cecil J., Westboro, Ohio. Mold for making cisterns, &c.	863,047	Aug. 13	1517	412	129	2586
Ulbrich, Ernst, Munich, Germany. Coupling for railway-vehicles.	839,907	Jan. 1	211	46	126	59
Ulery, Arthur D., Scenery Hill, Pa. Combination harrow, pulverizer, and drag.	869,756	Oct. 29	4020	1110	130	2642
Ulery, Frank S., Hoopeston, Ill. Individual fire-escape.	859,266	July 9	1469	391-2	129	529
Ulery, Ulysses J., et al. (See Kaufman, Everett G., assignor.)						
Ulett, George, Waltham, Mass. Household-tool.	857,320	June 18	3646	772	128	2690
Ulke, Darwin, Chicago, Ill., assignor to General Electric Company. Rail-bond.	868,376	Oct. 15	1825	514	130	1911
Ullensaker, Ingebrigt J., Hatton, N. D. Steam-boiler.	840,725	Jan. 8	1884	415	126	525
Ullman Manufacturing Company. (See Lehman, Frank H., assignor.)						
Ullman, William H., Stafford, and M. Okey, Zanesville, Ohio. Well-drilling apparatus.	871,248	Nov. 19	2295	600	131	748
Ullmann, Albert, Macon, Ga. Cock and faucet.	854,007	May 21	3332	684	128	923
Ullmann, Albert, Macon, Ga. Faucet.	865,216	Sept. 3	694	197	130	209
Ullom, Andrew W., Philadelphia, Pa. Clip.	874,139	Dec. 17	3772	795	131	1836
Ulrich, John W., Jr., and J. W. Maierhofer, Allegheny, Pa. Speed-regulator.	843,377	Feb. 5	1086	224	126	2064
Ulrich, Julius, Radebeul, near Dresden, Germany. Lime color.	847,530	Mar. 19	3621	.....	127	974
Ulrick, Jacob H., Nashville, Tenn. Still.	851,045	Apr. 23	4671	981-2	127	2891
Ulmer, Charles, Lisbon, N. D. Change-making machine.	851,146	Apr. 23	4854	1022-5	127	2938
Ulrey, Edward, assignor of one-half to F. Long, Lebanon, Ind. Gravel-excavating machine.	861,200	July 23	4442	1219	129	1560
Ulrich, Charles, New York, N. Y. Fishing-reel.	870,327	Nov. 5	715	193	131	234
Ulrich, George. (See Sharp, Harry E., assignor.)						
Ulrich, George. (See Sharp and Kentana, assignors.)						
Ulrich, John. (See Luce and Ulrich.)						
Ulring, Martin. (See Leidal and Ulring.)						
Umbach, Christian, New York, N. Y., assignor to Western Electric Company, Chicago, Ill. Telephone-transmitter.	875,138	Dec. 31	5803	1211	131	2221
Umberger, Bascom L., Concord, N. C. Desk.	843,719	Feb. 12	1752	373	126	2267
Umnitz, Caroline, Philadelphia, Pa. Hook and eye.	872,772	Dec. 3	952	198	131	1317
Umnitz, Caroline, Philadelphia, Pa. Hook and eye.	872,773	Dec. 3	953	198	131	1318
Umrath, Theodor, Chicago, Ill. Planting-machine.	867,451	Oct. 1	332	96-8	130	1417
Umrath, Theodor, assignor to Firm of Theodor Umrath Commanditgesellschaft, Wyszotschan, near Prague, Austria-Hungary. Grain-drill.	873,970	Dec. 17	3385	720	131	1782
Umstead, Walter, Jerseytown, Pa. Jack.	848,516	Mar. 26	5600	1224	127	1497
Umstead, Walter, Jerseytown, Pa. Ditching-machine.	832,207	Apr. 30	7047	1472	127	3520
Umstead, Walter, Jerseytown, Pa. Clearing-wing for ditching-machines.	869,115	Oct. 22	2991	826	130	2301
Unekrich, Ferdinand, Galion, Ohio. Vault-closure.	872,864	Dec. 3	1156	245-6	131	1347
Unekrich, Ferdinand F., assignor to Buckeye Wheel Company, Galion, Ohio. Wheel-hub.	850,328	Apr. 16	3282	683	127	2501
Underdahl, Andrew, Hoffman, Minn. Automatic switch.	841,286	Jan. 15	3002	653	126	801
Underhill, Walter A., Auburn, N. Y. Dump-wagon.	853,275	May 14	1823	380	128	494
Underwood, Arthur, Washington, D. C. Pressure-regulator.	861,486	July 30	4923	1352	129	1746
Underwood, Caroline, Riddle, Oreg. Paper bag.	875,224	Dec. 31	5971	1243-4	131	2249
Underwood, Charles F. (See Akerman, John N., assignor.)						
Underwood, Frank, Chicago, Ill. Anchor. Internal-combustion engine.	849,441	Apr. 9	1624	330	127	2039
Underwood, Harlon M., Bunch, Iowa. Sad-iron.	861,920	July 30	5580	1542	129	1947
Underwood, Herbert G., New York, N. Y. Internal-combustion engine.	846,070	Mar. 5	724	151-2	127	185
Underwood, Herbert G., New York, N. Y. Post and stretcher.	846,434	Mar. 5	1443	320-1	127	304
Underwood, Herbert G., Stamford, Conn. Method of casting.	874,877	Dec. 24	5237	1103	131	2110
Underwood, Herbert G., Stamford, Conn., assignor to H. H. Franklin Manufacturing Company, Syracuse, N. Y. Casting apparatus.	852,811	May 7	897	182	128	229
Underwood, John T. (See Kavie, Oscar C., assignor.)						
Underwood, Joseph F. (See Storm, Underwood, and Jackson.)						
Underwood, Loring, Belmont, Mass. Pipe.	867,769	Oct. 8	821	234	130	1584
Underwood, Loring, Belmont, Mass. Pipe.	874,459	Dec. 24	4404	929	131	1974
Underwood, Louis E., Lynn, Mass., assignor to General Electric Company. Commutator.	854,781	May 28	4846	1006	128	1335
Underwood, Louis E., Lynn, Mass., assignor to General Electric Company. Dynamo-electric machine.	854,782	May 28	4848	1007	128	1336
Underwood, Louis E., Lynn, Mass., assignor to General Electric Company. Dynamo-electric machine.	863,814	Aug. 20	2686	740	129	1986
Underwood Typewriter Company. (See Bruce, Brainard T., assignor.) (Reissue.)						
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Underwood & Underwood. (See Cowee, William H., assignor.)						
Underwood and Underwood. (See Mallison, Alvin H., assignor.)						
Unger, Elgin O., assignor of one-half to F. D. Guertin, Minneapolis, Minn. Floor-gate-actuating device for elevators	870,860	Nov. 12	1571	432	131	541
Unger, Frank, Rimersburg, Pa. Attachment for wheels	846,529	Mar. 12	1636	364	127	445
Unger, Frank, Rimersburg, Pa. Swing	865,829	Sept. 10	1699	472	130	563
Unger, John S. (See Lewis and Unger.)						
Unger, Ross C., Cleveland, Ohio. Electric furnace	860,587	July 16	3483	957	129	1215
Unglaub, Oscar, Salford, England. Means or apparatus for distilling and evaporating	859,352	July 9	1615	430	129	576
Union Bag & Paper Company. (See Murchie, Sylvanus T., assignor.)						
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Union School Furnishing Company. (See Campbell, Harry G., assignor.)						
Union Special Machine Company. (See Bigelow, John, assignor.)						
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Union Wire Mattress Company. (See Powers and Klipfel, assignors.)						
United Alkali Company. (See Drifteld and Wright, assignors.)						
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United Appliance Manufacturing Company. (See Flannigain, Edward, assignor.)						
United Coke & Gas Company. (See Schniewind, Frederic W. C., assignor.)						
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United States Butter Extractor Company. (See Holmgren, Gustaf, assignor.)						
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United States Felling Machine Company. (See Fefel, John E., assignor.)						
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United States Persian Carpet Company. (See Dalkranian, James K., assignor.)						
United States Persian Carpet Company. (See Sarafian, Hovsep, assignor.)						
United States Portable Wagon Scales & Novelty Manufacturing Company. (See Gragg, Zachary T., assignor.)						
United States Radiator Company. (See Danforth, Montgomery E., assignor.)						
United States Railroad Track Building Machine Company. (See Downey, Richard F., assignor.)						
United States Recording Automatic Scales Company. (See Cameron, Ewan, assignor.)						
United States Roller Bearing Company. (See Perkins, Julius A., assignor.)						
United States Rubber Co. of New Jersey. (See Cavanagh, John F., assignor.)						
United States Sample Book Company. (See Bodine, Harry E., assignor.)						
United States Slot Machine Company. (See Williams, John A., assignor.)						
United States Standard Electrical Works. (See Osius, Frederick J., assignor.)						
United States Stone Saw Company. (See Miel, Charles L., assignor.)						
United States Textile Company. (See Green, Willard R., assignor.)						
United States Tin, Solder & Iron Company. (See Bills, John H., assignor.)						
United States Whip Company. (See Donovan, John P., assignor.)						
United States Whip Company. (See Hull, David C., assignor.)						
United Wire and Supply Company. (See Schutz, Rudolph G., assignor.)						
United Wrapping Machine Company. (See Keyes, James A., assignor.)						
United-Xpedite Finishing Company. (See Pease, Charles, assignor.)						
Unitype Company. (See Des Jardins, Benjamin M., assignor.)						
Unitype Company. (See Ennisson, Walter J., assignor.)						
Unitype Company. (See Johnson, Frank A., assignor.)						
Unitype Company. (See Wentseher, Ernst, assignor.)						
Universal Amusement Company. (See Karr, Burton A., assignor.)						
Universal Automatic Carving Machine Company. (See Streich, Frank, assignor.)						
Universal Coinwrapping Machine Company. (See Batdorf, Charles S., assignor.)						
Universal Machine Screw Company. (See Spencer, Christopher M., assignor.)						
Universal Polygraph Company. (See Fanslow, Benjamin O., assignor.)						
Universal Talking Machine Manufacturing Company. (See Babson and Haug, assignors.)						
Universal Talking Machine Manufacturing Company. (See Haug, Andrew, assignor.)						
Universal Typewriter Company. (See Hannahs and Hieber, assignors.)						
Universal Voting Machine Company. (See Gilmore, Wilmer C., assignor.)						
Unsingher, Philip H., Toledo, Ohio. Car of navigable balloons.....	842,505	Jan. 29	5524	1171	126	1562
Unverricht, Eduard, Altona, Germany. Automatic device for protecting trains.....	869,398	Oct. 29	3449	947	130	2470
Unverzagt, Charles H. (See Tucker, Benjamin W., assignor.)						
Unzner, Gustav, New York, N. Y. Propelling apparatus.....	874,263	Dec. 17	4026	850-2	131	1878
Updegraff, Charles L., West Fairview, Pa. Pressure-retaining valve for air-brakes.....	862,219	Aug. 6	176	49	129	2138
Upham, Isaac O., San Francisco, Cal. Paste-jar.....	864,050	Aug. 20	3030	837	129	3090
Upp, John W., and W. O. Wakefield, Schenectady, N. Y.; said Wakefield assignor to said Upp. Pneumatic-despatch carrier.....	860,947	July 23	4059	1111	129	1436
Upright, Ern S., Ord, Nebr. Mail-transportation system.....	848,517	Mar. 26	5601	1224-5	127	1498
Upright, Warren A., Sandpoint, Idaho. Stacker attachment.....	863,240	Aug. 13	1849	498	129	2692
Upshur, Walter S., Newport News, Va. Mortuary vault for ships.....	858,683	July 2	556	144-5	129	193
Upshur, Walter S., Newport News, Va. Coffin for preserving corpses aboard ship.....	858,684	July 2	559	145	129	194

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Upson, Charles R., Bristol, Conn., assignor to G. Upson, Philadelphia, Pa. Drinking-fountain for poultry.	846,363	Mar. 5	1276	281	127	321
Upson, George. (See Upson, Charles R., assignor.)						
Upton, Edmund F., Mineral City, Ohio. Steering-wheel.	873,190	Dec. 10	1847	387	131	1489
Upton, Edmund F., assignor of three-fourths to E. and D. O. Van Kirk and M. E. Fisher, Mineral City, Ohio. Hard-rubber-composition ball and making the same.	840,401	Jan. 1	1247	273	126	327
Upton, Edmund F., and M. E. Fisher, assignors of one-half to D. O. and E. Vankirk, Mineral City, Ohio. Making a solution for hard-rubber coating.	853,429	May 14	2129		128	579
Upton, George W., Warren, Ohio. Artificial bait and weed-guard.	847,266	Mar. 12	3086	681	127	809
Upton, Harold, Hudson, Wis. Ladder.	858,839	July 2	836	217	129	239
Upton, Henry, Gananoque, Ontario, Canada. Perforator.	848,869	Apr. 2	555	111	127	1731
Upton, Samuel, Somerville, Mass. Friction-clutch.	840,882	Jan. 8	2191	483	126	600
Upton, Thomas A., Toledo, Ohio. Pool bowling-table.	875,015	Dec. 31	5566	1163	131	2182
Upton, William R. (See Boyle and Upton.)						
Urban, Johann. (See Fremery, Bronnert, and Urban.)						
Urban, Theodore, Cleveland, Ohio. Window-cleaner.	844,700	Feb. 19	3946	836	126	2842
Urban, Wilhelm. (See Mankiewicz, Altschul, and Urban.)						
Uren, James B., and A. W. A. Phair, Lillooet, British Columbia, Canada. Removable gun-sight.	875,016	Dec. 31	5568	1163	131	2182
Uribe, Enrique de, Buenos Ayres, Argentina. Sowing-machine.	862,948	Aug. 13	1378	374-5	129	2542
Urie, George M., Kansas City, Mo. Sad-iron.	856,825	June 11	2705	559	128	2414
Urquhart, James. (See Baxter, Robert S., assignor.)						
Usher, Charles E. D., Jeppetown, Johannesburg, Transvaal. Slimes treatment.	860,775	July 23	3790	1039	129	1346
Usher, Francis M. C., Fulton, Ky., and C. A. Seoane, Merrifield, Va. Revolving mercury-dip current-interrupter.	847,851	Mar. 19	4302	944	127	1140
Usina, Edmund A., Newtonville, Mass. Manufacture of belting.	853,567	May 14	2406	502	128	651
Usser, Paul, <i>et al.</i> (See Ralls, John C., assignor.)						
Utescher, Ernst, Hamburg, assignor to Garantol-Gesellschaft M. B. H., Dresden, Germany. Egg-preserved and making same.	850,693	Apr. 16	4013		127	2685
Utica Heating Company. (See Waldron, Michael D., assignor.)						
Utica Industrial Company. (See Graham, Charles W., assignor.)						
Utica Knitting Company. (See McAdam, Quentin, assignor.)						
Utica Real Estate Company. (See Breen, John A., assignor.)						
Utz, Charles A., Rochester, N. Y. Station-indicator.	852,475	May 7	183	32-3	128	55
Utzinger, Werner, Zurich, Switzerland. Folding stretcher.	848,215	Mar. 26	5002	1093	127	1351
Utzler, Elmer W., assignor of one-half to J. H. Carlin, Pittsburg, Pa. Collapsible center.	840,672	Jan. 8	1775	391	126	498
Vacuum Cleaner Company. (See Hein, Adolf, assignor.)						
Vacuum Cleaner Company. (See Kenney, David T., assignor.)						
Vague, William C., Brooks, Minn. Snow-plow.	863,954	Aug. 20	2893	796-7	129	3050
Vahjen, Catharine M. M. (See Repp, Clinton B., assignor.)						
Vail, Charles E., New York, N. Y. Automatic weighing-machine.	867,173	Sept. 24	3716	1051-2	130	1260
Vail, George L., Denver, Colo. Ice-making system.	842,360	Jan. 29	5197	1103-4	126	1473
Vail, James B., Weston, Mich. Windmill-regulator.	851,846	Apr. 30	6310	1316-17	127	3334
Vail, James B., assignor to W. C. Smith, Weston, Mich. Windmill-regulator.	860,613	July 16	3535	971	129	1232
Vail, William A., <i>et al.</i> (See Wheeler, Orrin A., assignor.)						
Vaile & Kimes. (See Kimes, Hugh W., assignor.)						
Vaile, Victor E. (See Pearson and Vaile.)						
Vaillancourt, Napoléon, Lewiston, Me. Picker-stick check.	857,424	June 18	3844	815	128	2738
Vaie, Thomas. (See Gaskell and Vaie.)						
Valenta, Edward W., assignor of one-half to W. A. Valenta, Cedar Rapids, Iowa. Liquid-weighing apparatus.	865,731	Sept. 10	1520	429	130	495
Valenta, Wesley A. (See Valenta, Edward W., assignor.)						
Valentine, Daniel A., Oakland, Cal. Ink-well.	846,168	Mar. 5	913	193	127	232
Valentine, Ernest D., Akron, Ohio. Rim for vehicle-wheels.	871,460	Nov. 19	2778	699	131	821
Valentine, Harry J., Boston, Mass., assignor to Columbian Hardware Company, Cleveland, Ohio. Spring-hinge.	842,593	Jan. 29	5718	1208	126	1607
Valentine, Herbert S., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Automatic stop for electric hoisting apparatus.	850,694	Apr. 16	4014	839	127	2686
Valentine, Joseph R., Salt Lake City, Utah. Mattress.	856,746	June 11	2573	529	128	2381
Valentine, Robert S., assignor of three-eighths to D. H. Leake, Richmond, Va. Combined skirt-supporter, placket-closer, and waist-holder.	858,041	June 25	5098	1080	128	3085
Valentour, August, <i>et al.</i> (See Jamieson, William, assignor.)						
Valerius, Theodore L., Fort Atkinson, Wis., assignor to Creamery Package Mfg. Company, Chicago, Ill. Machine for filling cased bottles.	846,169	Mar. 5	914	193	127	233
Valiquet, Benjamin, Chicago, Ill. Apparatus for converting, storing, and utilizing wind-power.	874,140	Dec. 17	3774	795-6	131	1836
Valiquet, Louis P., Newark, N. J. Sound-box.	840,974	Jan. 8	2369	520	126	645
Valiquet, Louis P., New York, N. Y., assignor to Victor Talking Machine Company. Sound-box for talking-machines.	855,736	June 4	574	118	128	1843
Valiquette, William F., La Crosse, Wis., assignor of one-half to A. M. Short, Medford, Oreg. Plate and pan lifter.	850,983	Apr. 23	4550	953	127	2859
Vallance, Emil, New York, N. Y. Tobacco-pipe.	871,008	Nov. 12	1817	496	131	618
Vallée, Joseph A., Allegheny, Pa. Clothes-pounder.	860,345	July 16	3113	851	129	1093
Valentine, Edward, Florence, Mass. Feeder.	841,471	Jan. 15	3372	729	126	947
Valley Iron Works Company. (See Peterson, Emil A., assignor.)						
Valliere, John J., Fair Oaks, Cal. Shearing-machine.	862,949	Aug. 13	1379	375	129	2543
Valliquette, Clement, Limestone, Ohio. Pump.	849,030	Apr. 2	827	170	127	1799
Vallone, Charles, assignor to Barcalo Manufacturing Company, Buffalo, N. Y. Sliding-side folding crib or bed.	845,384	Feb. 26	5309	1126-7	126	3227
Vallone, Charles, assignor to Barcalo Manufacturing Company, Buffalo, N. Y. Corner-fastening for bedsteads.	857,850	June 25	4690	995	128	2982
Valyar, William. (See Anderson, Isaac, assignor.)						
Van Aller, Tycho, Schenectady, N. Y., assignor to General Electric Company. Electric heating unit.	848,939	Apr. 2	668	134	127	1758
Van Aller, Tycho, Schenectady, N. Y., assignor to General Electric Company. Cut-out for vapor electric apparatus.	850,279	Apr. 16	3194	665-6	127	2476
Van Amber, Ray E. (See Bursell, Horace H., assignor.)						
Van Anden, Frederick I., Washington, D. C., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.	855,542	June 4	190	38	128	1744
Van Arsdale, William D., and D. R. Spearman, Pendleton, Ind. Machine for reviving gas-wells.	844,060	Feb. 12	2385	511	126	2422
Van Auken, Clarence E., Yonkers, N. Y., assignor, by mesne assignments, to Van Auken Motor and Machine Works. Multiple-piston internal-combustion engine.	871,539	Nov. 19	2946	735	131	846
Van Auken Motor and Machine Works. (See Van Auken, Clarence E., assignor.)						
Van Bergh, Carlos, Winnipeg, Manitoba, Canada. Electric medical apparatus.	848,518	Mar. 26	5603	1225-6	127	1498

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Van Bergh, Carlos, Winnipeg, Manitoba, Canada. Burglar-alarm.	858,925	July 2	956	249	129	328
Van Bergh, Carlos, Winnipeg, Manitoba, Canada, assignor to Van Bergh Electric Protection System Co., New York, N. Y. Burglar-alarm.	873,638	Dec. 10	2714	574	131	1638
Van Bergh Electric Protection System Co. (See Van Bergh, Carlos, assignor.)						
Van Blair, David I., Mishawaka, Ind. Combined bed and lounge.	859,995	July 16	2596	706	129	923
Van Brunt, Charles, Schenectady, N. Y., assignor to General Electric Company. Purification of metallic compounds.	873,809	Dec. 17	3064		131	1729
Van Brunt, George F. (See Hewlett and Van Brunt.)						
Van Brunt, Willis D., Southampton, N. Y. Pipe-hanger.	844,977	Feb. 19	4467	953	126	2975
Van Buggenhoudt, René, assignor of one-half to O. Goetze, New York, N. Y. Bleaching cotton fibers.	872,097	Nov. 26	4126	986	131	1059
Van Buggenhoudt, René, New York, assignor of one-half to O. Goetze, Brooklyn, N. Y. Apparatus for bleaching.	872,265	Nov. 26	4452	1058-9	131	1113
Van Buren, Charles J., Findlay, Ohio. Combined scalper, excavator, road-roller, and locomotive.	872,159	Nov. 26	4238	1011-12	131	1079
Van Buren, Hildebert, Sr. (See Fretz and Van Buren.)						
Van Buren, Jafew S., assignor to Rathbone, Sard & Co., Albany, N. Y. Tilting frame for cooking-stoves.	853,847	May 14	2990	614	128	798
Van Buren, Jafew S., assignor to Rathbone, Sard & Co., Albany, N. Y. Top oven-plate for cooking-stoves.	866,168	Sept. 17	2208	614	130	752
Van Buskirk, Ira L., Louisville, Ky. Electric-switch-operating apparatus.	848,940	Apr. 2	670	134-5	127	1750
Van Camp, Edward, Brookston, Ind. Cash-register.	849,869	Apr. 9	2452	502-4	127	2248
Van Choate, Sylvanus F., Boston, Mass. Rotary engine.	855,148	May 28	5607	1166-8	128	1529
Van Cise, Frederick J. (See Van Cise, William C. and F. J.)						
Van Cise, William C. and F. J., Mayville, N. Y. Folding table.	866,699	Sept. 24	2981	846	130	1022
Van Cleave, Emmert, Meeker, Colo. Gate.	863,815	Aug. 20	2687	741	129	2987
Van Cleve, Joseph, Newark, N. J. Buckle attachment for straps.	849,516	Apr. 9	1807	367	127	2085
Van De Car, George E. (See Passage, Hiram H., assignor.)						
Van de Stadt, Theodorus C., Aarenburg, Netherlands, assignor to J. Shelton, New York, N. Y. Telegraphic transmitter for the Morse system.	862,423	Aug. 6	522	140	129	2249
Van den Bergh, Johannes J., The Hague, Netherlands. Spring-support for motor-cars.	862,682	Aug. 6	965	258	129	2381
Van den Heuvel, William, Los Angeles, Cal. Sectional condenser.	849,944	Apr. 9	2577	535	127	2280
Van der Heyden, Willem, Nanterre, France. Emulsifying and solidification of hydrocarbons.	857,425	June 18	3845		128	2738
Van der Minden, William B., New York, N. Y. Sieve for sinks and the like.	852,044	Apr. 30	6752	1404	127	3445
Van der Voort, Hermenia, Toronto, Ontario, Canada. Grater.	867,687	Oct. 8	' 8	196	130	1547
Van Deine, Paul, et al. (See Baker and Irish, assignors.)						
Van Derwerken, Theodore E., Green Island, assignor of one-half to E. F. Pieper, Watford, N. Y. Dumping-car.	858,927	July 2	961	250	129	330
Van Deventer, James E., and L. Swank, assignors to American Cheese Cutter Company, Anderson, Ind. Cheese guard and support for cheese-cutters.	846,634	Mar. 12	1868	410-11	127	506
Van Deventer, William E., Star City, Mich. Portable mail-carrier box.	845,598	Feb. 26	5701	1208	126	3324
Van Doorn, Henry D., Providence, R. I. Hand-windlass.	853,045	May 7	1381	287-8	128	351
Van Dorn-Elliott Electric Company. (See Pedersen, Adolph, assignor.)						
Van Drake, Alfred J., San Francisco, Cal. Scrubbing and cleaning device.	845,493	Feb. 26	5523	1170	126	3279
Van Dusen, Stephen. (See Sanders and Van Dusen.)						
Van Duser, Robert E., and J. O. E. Krohn, Chicago, Ill., assignors to J. H. Chamberlain, Minneapolis, Minn. Elevating road-grading machine.	858,685	July 2	561	145-7	129	194
Van Duyne, Frank E. (See Boynton, Earl, assignor.)						
Van Dyke, John, assignor of one-half to M. A. Garrett, Chicago, Ill. Separable jaw for brake and other rods.	850,859	Apr. 16	4325	907	127	2705
Van Dyke, Thomas H., assignor of two-thirds to J. Doarn and L. B. Mettler, Kansas City, Mo. Air-brake.	854,857	May 28	4996	1040-1	128	1374
Van Eaton, Julia M. (See Van Eaton, Richard M. and J. M.)						
Van Eaton, Richard M. and J. M., Pueblo, Colo. Switch-operating device for street-railways.	863,475	Aug. 13	2164	585-6	129	2789
Van Etten, William W., and L. Brown, Richmond, Ind. Vehicle-wheel.	863,678	Aug. 20	2474	683	129	2918
Van Eyck, Georg, Oeflingen, Germany. Sterilizer.	845,208	Feb. 26	4946	1049-50	126	3137
Van Fels, Cornelis P. A., and J. M. Kneeland, New York, N. Y. Motor-car.	872,774	Dec. 3	955	198	131	1318
Van Fleet, Alfred, Joliet, assignor to W. E. Pratt, Chicago, Ill. Lifting-jack.	859,996	July 16	2597	706	129	923
Van Gale, Louis, Newark, N. J. Toilet article.	856,500	June 11	2091	430	128	2258
Van Glahn, John H., Toledo, Ohio. Lime-hydrating machine.	872,390	Dec. 3	146	28	131	1191
Van Guelpen, Otto H., assignor to Benziger Brothers, New York, N. Y. Candelabrum.	859,707	July 9	2145	579	129	746
Van Gundy, Charles P., Catonsville, Md. Water-purifying apparatus.	871,461	Nov. 19	2779	699-700	131	821
Van Halder, Peter F., Sharon, Pa. Toy.	843,642	Feb. 12	1625	344	126	2235
Van Halen, Antonio M., Madrid, Spain. Advertising device.	872,700	Dec. 3	797	166	131	1291
Van Halen, Antonio M., Madrid, Spain. Power-transmission coupling device.	866,238	Sept. 17	2299	643	130	779
Van Hall, Julius, New York, N. Y. Bottle-holder.	856,114	June 4	1264	266	128	2012
Van, Henry J., and E. Ellingsen, West Seattle, Wash. Bitless bridle.	868,040	Oct. 15	1308	363	130	1756
Van Horn, Charles, Bethlehem, Pa., and G. C. Van Horn, Jersey City, N. J. Monkey-wrench.	873,191	Dec. 10	1848	387	131	1489
Van Horn, Charles B., and D. Townsend, assignors to Commercial Engineering Company, Philadelphia, Pa. Railway-tie.	841,742	Jan. 22	3901	845-6	126	1115
Van Horn, George C. (See Van Horn, Charles and G. C.)						
Van Horne, Robert N. (See Southerland and Van Horne.)						
Van Kannel Revolving Door Company. (See Van Kannel, Theophilus, assignor.)						
Van Kannel, Theophilus, New York, N. Y. Amusement apparatus.	871,744	Nov. 19	3307	817-18	131	910
Van Kannel, Theophilus, assignor to Van Kannel Revolving Door Company, New York, N. Y. Rotatable partition-shelf.	840,599	Jan. 8	1645	361-2	126	464
Van Kirk, Benjamin R., assignor to Burnham, Williams & Company, Philadelphia, Pa. Electric-motor truck.	854,442	May 21	4178	866	128	1140
Van Kirk, D. O., et al. (See Upton, Edmund F., assignor.)						
Van Kirk, E., et al. (See Upton, Edmund F., assignor.)						
Van Kirk, Lyndon J., Rush Lake, Wis. Post-hole-boring machine.	865,457	Sept. 10	1083	309	130	359
Van Leeuwen, Adrian, Jr., Worcester, Mass. Flower-pot hanger.	858,840	July 2	837	217	129	289
Van Leir, Henry W., Philadelphia, Pa., assignor to S. S. Wenzell Machine Company, Charleston, W. Va. Bottle-washing machine.	865,217	Sept. 3	698	197	130	210
Van Liew, Leon G. (See Cotton, Charles E., assignor.)						
Van Luven, Thomas F., Collins Bay, Ontario, assignor of one-half to A. W. Benjamin, Yarker, Canada. Running-gear for vehicles.	868,731	Oct. 22	2418	669	130	2123
Van Marter, William H., Petaluma, Cal. Oil-burner.	871,462	Nov. 19	2781	700	131	821
Van Meter, William J. (See Dyer, Harry G., assignor.)						
Van Ness, Harry, New York, N. Y. Ventilator for cars.	858,123	June 25	5274	1120	128	3131
Van Noorden, Ezekiel, assignor to E. Van Noorden Company, Boston, Mass. Glazed structure.	866,239	Sept. 17	2301	643	130	780

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Van Oordt, Gabriel. (See Bran and Van Oordt.)						
Van Orman, Lester, Manchester, N. H. Bed-spring.	859,470	July 9	1777	477	129	630
Van Ormer, Herman. (See Mills, Conn. and Van Ormer.)						
Van Osdol, Charles E., Greensburg, Ind., assignor to T. King, trustee, Boston, Mass. Adjustable casing for pneumatic stackers.	866,240	Sept. 17	2303	643-4	130	781
Van Roy, Gustave V., Brussels, Belgium. Runner for umbrellas and the like.	847,852	Mar. 19	4305	944	127	1141
Van Sickle, Wilber H., Philadelphia, Pa., assignor to Thos. H. Dallett Co. Stone-dressing machine.	846,808	Mar. 12	2192	482	127	588
Van Sickle, Wilber H., Philadelphia, Pa., assignor to Thos. H. Dallett Co. Stone-dressing machine.	857,692	June 25	4383	924	128	2906
Van Sickle, Wilber H., Philadelphia, Pa., assignor to Thos. H. Dallett Co. Pneumatic tool.	864,494	Aug. 27	3708	1033	129	3334
Van Sise, Irving B., Oyster Bay, N. Y. Machine for cutting meat.	849,945	Apr. 9	2581	535-6	127	2281
Van Slyke, James, Shellrock, Iowa. Door for freight-cars.	849,291	Apr. 2	1345	272	127	1931
Van Slyke, James, Shellrock, Iowa. Grain-door for railway-cars.	866,092	Sept. 17	2105	585-6	130	718
Van Slyke, John C., Fort Collins, Colo. Electric time-switch.	875,017	Dec. 31	5569	1163	131	2182
Van Slyke, Le Grand M., San Francisco, Cal. Elevator-engine.	855,543	June 4	191	38	128	1744
Van Tassel, Edward R., et al. (See Chandler, Edward F., assignor.)						
Van Tyen, Jan., et al. (See Tatum, Cicero J., assignor.)						
Van Valer, De Witt C., New York, N. Y. Machine for tempering and shaping gold pens.	858,686	July 2	566	147	129	196
Van Valkenburg, Charles J., Manchester, Mich. Folding chair.	849,584	Apr. 9	1932	395	127	2115
Van Valkenburg, Charles J., Manchester, Mich. Gate.	858,042	June 25	5099	1080	128	3085
Van Valkenburg, Levi D., Holyoke, Mass. Fountain-pen retainer.	844,061	Feb. 12	2388	511	126	2423
Van Vechten, Mabel M., New York, N. Y. Sidesaddle.	868,825	Oct. 22	2560	706	130	2168
Van Vleck, George H. and L. C., Toledo, Ohio. Fish-hook.	842,594	Jan. 29	5720	1208	126	1607
Van Vleck, Louis C., et al. (See Van Vleck, George H. and L. C.)	854,129	May 21	3592	741	128	985
Van Vliet, William C., Brooklyn, N. Y. Stamp-affixing machine.	841,828	Jan. 22	4100	882-3	126	1168
Van Voast, Albert B., et al. (See Vincent, Edward G., assignor.)						
Van Wagenen, Edward, New York, N. Y., assignor to Gould Storage Battery Company. Electrical system of distribution.	869,279	Oct. 29	3243	894-5	130	2407
Van Wie, Byron, New York, N. Y., assignor to Mergenthaler Linotype Company. Linotype-mold.	843,241	Feb. 5	828	171	126	2004
Van Wie, Byron, New York, N. Y., assignor to Mergenthaler Linotype Company. Linotype-machine.	853,749	May 14	2799	575	128	753
Van Wie, Edwin G., assignor to Detroit Stove Works, Detroit, Mich. Stove.	843,643	Feb. 12	1626	344-5	126	2236
Van Wie, Edwin G., assignor to Detroit Stove Works, Detroit, Mich. Gas-stove.	843,644	Feb. 12	1628	345	126	2236
Van Winkle, Francis, et al. (See Rever, Robert P., assignor.)						
Van Winkle, Walter H., Newark, N. J. Apparatus for tapping mains.	845,830	Mar. 5	186	36-7	127	49
Van Winkle, Walter H., Newark, N. J. Apparatus for tapping mains.	873,689	Dec. 10	2812	599	131	1656
Van Wormer, Bernard A., and G. W. Moudey, West Unity, Ohio. Nut-lock.	861,062	July 23	4243	1163	129	1492
Van Yox, Percival K., New York, N. Y., assignor to Wilcox & White Company, Meriden, Conn. Marking for note-sheets.	854,064	May 21	3464	714	128	955
Van Zandweghe, Julian, and L. Viberti, Rosario de Sante Fé, Argentina. Block-signal system.	851,456	Apr. 23	5493	1150	127	3096
Van Zile, Harry L., New York, N. Y. Superheater.	852,640	May 7	534	101-2	128	140
Vance, Charles E., Pittsburg, Pa. Steam-trap.	847,131	Mar. 12	2815	622	127	741
Vance, Edward H., Colton, Tex. Bale-tie.	872,266	Nov. 26	4455	1059	131	1113
Vance, Enoch H., Jr., et al. (See Woodall, Robert B., assignor.)						
Vance, Herman E., Columbus, Ohio. Fireproof blind.	866,830	Sept. 24	3187	896	130	1095
Vance, Herman E., Columbus, Ohio. Fire-resisting curtain.	866,894	Sept. 24	3279	923	130	1123
Vance, Herman E., Columbus, Ohio. Flexible curtain.	873,810	Dec. 17	3066	652	131	1729
Vance, Jesse A. J., Mohawk, Tenn. Rail-joint.	843,853	Feb. 12	1998	422	126	2328
Vance, Seymour L., assignor of one-half to W. G. Tate, Kinzua, Pa. Log-transfer.	839,971	Jan. 1	338	75	126	93
Vance, Sidney E., assignor of one-half to J. M. Pelham, Salmon, Tex. Cultivator.	848,414	Mar. 26	5419	1182	127	1454
Vance, Walter N., Chicago, Ill. Magnetic work-holder.	843,312	Feb. 5	977	200	126	2037
Vandegrift, James N., Bryn Mawr, Pa. Rail for railways.	845,147	Feb. 26	4822	1023	126	3106
Vandenabeele, Alphonse, Forest, near Brussels, Belgium. Water-elevator.	846,530	Mar. 12	1637	364	127	445
Vandenbrouck, George E., Washington, D. C. Reinforcing-bar.	841,741	Jan. 22	3900	845	126	1115
Vanderbeek, Abraham, Hartford, Conn. Universal joint.	851,845	Apr. 30	6308	1316	127	3333
Vanderbilt, Herbert M., Suffern, N. Y. Device for supporting fowls.	849,290	Apr. 2	1344	271	127	1931
Vanderbilt, Isaac S., Jr., South Orange, N. J. Clothes-pin bag.	844,636	Feb. 19	3806	805	126	2806
Vanderbilt, Oliver D., East Orange, N. J., assignor to Abbey and Imbrie, New York, N. Y. Receptacle for fishing-tackle.	866,408	Sept. 17	2557	713	130	862
Vanderherchen, William H., Philadelphia, Pa. Implement for driving screw hooks and eyes.	841,472	Jan. 15	3375	729	126	947
Vanderkloot Steel Piling Co. (See Hill, Truman, assignor.)						
Vanderman, William, Willimantic, Conn. Laundry-tub.	858,926	July 2	959	250	129	328
Vanderslice, Eugene H., Jamestown, Pa. Wrench.	869,670	Oct. 29	3895	1072	130	2605
Vandervell, Charles A., London, and W. H. W. Proctor, Coventry, England. Dynamo or the like.	865,732	Sept. 10	1522	429	130	495
Vanderwilt, William A., Ashton, Iowa. Wire-stretcher.	870,808	Nov. 12	1496	408	131	519
Vandevort, David A., Scottsburg, Ind. Gate.	870,650	Nov. 12	1237	336	131	437
Vandevort, David A., Scottsburg, Ind. Wire-stretcher.	872,699	Dec. 3	796	166	131	1294
Vandevort, Frank F., Germantown, Pa., assignor of three-fourths to H. Japp, New York, J. Fergie, Richmond Hill, N. Y., and E. W. Moir, London, England. Tunnel-segment.	852,916	May 7	1129	233	128	288
Vandiver, John W., et al. (See Vandiver, Leslie A., assignor.)						
Vandiver, Leslie A., Hannibal, assignor of one-half to J. W. Vandiver, Hagers Grove, Mo., and R. H. Visger, Chicago, Ill. Vending-machine.	853,194	May 7	1639	341-2	128	415
Vaniman, Jesse W., Wichita, Kans. Steam-plow.	853,046	May 7	1383	288	128	352
Vanino, Ludwig, Munich, Germany. Self-luminous body.	850,800	Apr. 16	4326		127	2765
Vankirk, Daniel O., et al. (See Upton and Fisher, assignors.)						
Vankirk, Eben, et al. (See Upton and Fisher, assignors.)						
Vanlaningham, Daniel T., Youngstown, Mo. Magazine-hammer.	845,148	Feb. 26	4824	1024	126	3107
Vanmanen, Stephen. (See Vanmanen, William and S.)						
Vanmanen, William and S., Grand Rapids, Mich. Truck.	845,673	Feb. 26	5862	1238	126	3363
Vann, Charles J., Brooklyn, N. Y. Bread, meat, and vegetable cutting machine.	857,913	June 25	4818	1021	128	3013
Vanneman, William C. (See Peeler, Warren F., assignor.)						
Vanness, John T., and H. R. O'Brian, Oxford, Ohio. Automatic brake for wagons.	864,814	Sept. 3	74	22	130	25
Vant Woud Rubber Company. (See Bruen, Henry L., assignor.)						
Vanzini, Filippo, Bologna, Italy. Nautical apparatus.	844,837	Feb. 19	4223	902	126	2914
Vapor Gas Engine Manufacturing Company. (See Bassford, William K., assignor.)						
Vapor Heating Company. (See Broomell, Albert P., assignor.)						
Varet, Jules, Camden Road, London, England. Collar stud, button, or the like.	871,009	Nov. 12	1818	496	131	618
Varley Duplex Magnet Co. (See Varley, Richard, assignor.)						
Varley, John, Jamestown, N. Y. Loom-shuttle.	861,335	July 30	4680	1279	129	1673

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Varley, Reginald. (See Lowe, Richard, assignor.)						
Varley, Richard, Englewood, N. J., assignor to Autocoil Company. Ignition system for explosion-engines	846,810	Mar. 12	2197	483	127	590
Varley, Richard, Englewood, N. J., assignor to Autocoil Company. Ignition system for explosion-engines	846,811	Mar. 12	2200	483	127	590
Varley, Richard, Englewood, N. J., assignor to Autocoil Company. Spark-ignition system for explosion-engines	849,820	Apr. 9	2342	481	127	2220
Varley, Richard, Englewood, N. J., assignor to Autocoil Company. Ignition system for explosion-engines	858,687	July 2	567	147	129	196
Varley, Richard, Englewood, N. J., assignor to Autocoil Company. Vibrator adjustment for induction-coils	858,688	July 2	568	147	129	197
Varley, Richard, Englewood, N. J., assignor to Autocoil Company. Ignition system for explosion-engines	858,928	July 2	962	251	129	330
Varley, Richard, Englewood, N. J., assignor to Autocoil Company. Ignition system for explosive-engines	861,921	July 30	5581	1542	129	1947
Varley, Richard, Englewood, N. J., assignor to Autocoil Company. Igniter system	865,662	Sept. 10	1409	400	130	459
Varley, Richard, Englewood, N. J., assignor to Autocoil Company. Ignition system for explosion-engines	865,663	Sept. 10	1411	400	130	460
Varley, Richard, Englewood, N. J., assignor to Autocoil Company. Ignition system for explosion-engines	866,241	Sept. 17	2304	644	130	781
Varley, Richard, Englewood, N. J., assignor to Autocoil Company. Ignition system for explosion-engines	869,601	Oct. 29	3784	1035	130	2574
Varley, Richard, Englewood, N. J., assignor to Varley Duplex Magnet Co. Induction-coil and box for explosion-engines	875,472	Dec. 31	6454	1348	131	2327
Varley, Richard, Englewood, N. J., and A. D. Scott, Providence, R. I., assignors to Autocoil Company. Spark-ignition system for explosion-engines	946,809	Mar. 12	2194	482	127	589
Varley, Thomas W. (See Torchio and Varley.)						
Varley, Thomas W., New York, N. Y. Electrical measuring instrument	847,624	Mar. 19	3844	840	127	1031
Varley, Thomas W., New York, N. Y. Electrical measuring instrument	866,990	Sept. 24	3428	971-2	130	1169
Varley, Thomas W., New York, N. Y. Electrical apparatus	869,602	Oct. 29	3787	1035	130	2574
Varner, Clark L., Surrey, assignor of one-half to W. W. Varner, Santa Paula, Cal. Toy	858,689	July 2	570	148	129	197
Varner, W. W. (See Varner, Clark L., assignor.)						
Varney, Samuel A., Washington, Kans. Can-soldering implement	844,062	Feb. 12	2389	512	126	2423
Varney, Theodore, Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Insulator and support for electric lines	861,063	July 23	4244	1163	129	1492
Varney, Theodore, Pittsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Strain-insulator for electric lines	861,149	July 23	4366	1198	129	1535
Varney, Theodore, Pittsburg, and C. Aalborg, Wilksburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Strain-insulator	861,064	July 23	4245	1163	129	1493
Varney, William E., Wellman, Iowa. Cement post	849,759	Apr. 9	2239	460	127	2194
Varney, William E., Wellman, Iowa. Mold for cement posts	849,760	Apr. 9	2240	460	127	2194
Varney, William W., et al. (See Luburg, Ellsworth N., assignor.)						
Vartmann, Walter, St. Paul, Minn. Saw	853,609	May 14	2498	519	128	675
Vasbinder, Oliver R. (See MacNelly, Mathias F., assignor.)						
Vasconcelles, Harvey J., Jacksonville, Ill. Cooling apparatus	842,595	Jan. 29	5720	1209	126	1607
Vasconcelles, Harvey J., Jacksonville, Ill. Combined fork, egg-beater, and dish-lifter	865,620	Sept. 10	1360	385	130	445
Vasey, John D., Buffalo, N. Y. Amusement device	868,950	Oct. 22	2749	758-9	130	2226
Vassel, Walter, Charlottenburg, assignor to Firm of R. A. Hartmann, Berlin, Germany. Surface cooler	871,308	Nov. 19	2432	629-30	131	769
Vastine, Miles, and C. H. Zerbe, South Omaha, Nebr. Car-coupling	867,174	Sept. 24	3721	1052-3	130	1261
Vauclair, Samuel M., assignor to Burnham, Williams & Company, Philadelphia, Pa. Locomotive	844,978	Feb. 19	4468	953-4	126	2976
Vaughan, Elbert, Bates, Ark. Shoe-protector	875,560	Dec. 31	6611	1382	131	2354
Vaughan, Ernest M., New York, N. Y. Indicator for railway and other purposes	870,599	Nov. 12	1137	311	131	403
Vaughan, Frederick P., Chicago, Ill. Wheel	858,489	July 2	216	51	129	80
Vaughan, Frederick P., Chicago, Ill. Wheel	858,490	July 2	218	51-2	129	81
Vaughan, Frederick P., Chicago, Ill. Lock-nut	862,220	Aug. 6	177	49	129	2138
Vaughan, H. P. B., et al. (See Gee, Charles A., assignor.)						
Vaughan, Henry H., Montreal, Quebec, Canada. Locomotive-boiler and steam-superheater	863,333	Aug. 13	1974	532	129	2731
Vaughan, Henry H., Montreal, Quebec, Canada, assignor to Railroad Supply Company Chicago, Ill. Holder for milling-machines. (Reissue)	12,593	Jan. 8	2654	580-1	126	720
Vaughan, Henry H., Cleveland, Ohio, assignor to Railroad Supply Company, Chicago, Ill. Manufacturing channel-pins	847,710	Mar. 19	4008	876	127	1071
Vaughan, Henry H., Chicago, Ill., assignor, by mesne assignments, to Pittsburg Pneumatic Company, Canton, Ohio. Fluid-pressure-operated tool	870,651	Nov. 12	1238	336	131	438
Vaughan, Robin W., Los Angeles, Cal. Swimming-tank	845,441	Feb. 26	5406	1147	126	3250
Vaughan, Sarah F., Worcester, Mass. Wall-cleaner	871,196	Nov. 19	2180	579	131	730
Vaughan, Vincent S., Chicago, Ill. Constructing concrete walls	841,829	Jan. 22	4103	883	126	1169
Vaughen, Samuel W. (See Martin, David H., assignor.)						
Vaughn, Benjamin A., and W. G. Bissell, Corning, Cal. Attachment for tripod-cameras	855,149	May 28	5618	1168	128	1533
Vaughn, Clark D., assignor to W. R. Veith, W. R. Richards, and J. R. Potter, Philadelphia, Pa. Cigar-lighter	865,830	Sept. 10	1700	472	130	564
Vaughn, Cyrus S., Union Hill, N. J. Wrench	864,710	Aug. 27	4086	1136	129	3449
Vaughn, Edwin, assignor to W. F. Burns Company, Chicago, Ill. Pocket savings-bank	845,908	Mar. 5	384	78	127	99
Vaughn, George T., Huntsville, Ala. Fertilizer-distributor	842,924	Feb. 5	166	38	126	1832
Vaughn, George W., Kenedy, Tex. Planter	858,929	July 2	965	251-2	129	331
Vaughn, James B., Boulder, Colo. Antirefilling bottle	863,476	Aug. 13	2166	586	129	2790
Vaughn, John W., Noroton Heights, Conn. Vending-machine	851,188	Apr. 23	4954	1041	127	2960
Vaughn, Sidney P., Ackerman, Miss. Nut-lock	859,789	July 9	2264	615	129	787
Vaughn, William H., and J. E. Tiffany, Johnstown, Pa. Switch-throwing device	844,762	Feb. 19	4085	870-1	126	2879
Vause, William A., Columbus, Ohio. Sparking device for explosive-engines	860,710	July 23	3692	1011	129	1315
Vautier, John J., New York, N. Y. Pencil-sharpener	849,821	Apr. 9	2344	481	127	2220
Vaux, John R. (See Slocum, Benjamin A., assignor.)						
Vawter, Charles E., Jr., Blacksburg, Va. Recording instrument	848,329	Mar. 26	5250	1145-6	127	1413
Vawter, Charles E., Jr., Blacksburg, Va. Index for recording instruments	872,391	Dec. 3	149	28	131	1191
Veatch, Everett F., assignor of one-half to G. L. Tribble, Palco, Kans. Automatic wagon-brake	847,132	Mar. 12	2817	622	127	741
Veazie, Arthur H., assignor of one-half to J. P. Faber, Rochester, N. Y. Separator for carriage-top bows	871,010	Nov. 12	1819	496	131	618
Veeder, Curtis H., Hartford, Conn. Box-fastener	850,195	Apr. 16	3045	637	127	2434
Veeder Manufacturing Company. (See Boon, Horace J., assignor.)						
Vehicle Apron & Hood Company. (See Brock and Du Bois, assignors.)						
Vehmeyer, Frederick C. (See Sharpneck, William S., assignor.)						
Vehmeyer, Frederick C., et al. (See Sharpneck, William S., assignor.)						
Veitch, Richard C., Bessemer, Ala. Apparatus for making linings of hot-pots	861,487	July 30	4926	1353	129	1747

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Veitch, Thomas, New York, N. Y., assignor to International Patent Corporation, Jersey City, N. J. Rotary engine.	869,339	Oct. 29	3356	924	130	2441
Veith, Friedrich, Veithwerk, near Höchst, Germany. Mold for pneumatic tires.	865,458	Sept. 10	1085	309	130	360
Veith, Friedrich, Veithwerk, near Höchst, Germany. Multipart mold for pneumatic tires.	871,973	Nov. 26	3853	932	131	1018
Veith, William R., <i>et al.</i> (See Vaughn, Clark D., assignor.)						
Velander, Alfred J., Knoxville, Ill. Saw.	868,509	Oct. 15	2026	568	130	1973
Velasco, Ramón, Gaudalajara, Mexico. Trepan.	847,133	Mar. 12	2819	622	127	742
Vellie Carriage Company. (See Bisbing, Mahlon, assignor.)						
Veliquette, Nelson T., Kewadin, Mich. Combined gun-case and ammunition-belt.	873,140	Dec. 10	1744	366	131	1473
Velk, Adolph, Chicago, Ill. Blank-feeding attachment for can-making machines.	847,625	Mar. 19	3846	841	127	1031
Velna, Gaston de, Paris, France, assignor to A. S. Riggs, East Orange, N. J. Utilizing close-burning coal-dust for making metallurgical coke or other kinds of coke.	847,134	Mar. 12	2819		127	742
Velsor, Emma. (See Schackner, John A., assignor.)						
Vending Machine Company. (See Parker, William H., assignor.)						
Veneziani, Aldo. (See Veneziani, Federico and A.)						
Veneziani, Federico and A., Milan, Italy. Mechanical apparatus used for advertising purposes.	861,336	July 30	4681	1280	129	1673
Venn, Isaac H., Yonkers, N. Y., assignor to Otis Elevator Company, East Orange, N. J. Traveling conveyer.	857,125	June 18	3280	691-2	128	2597
Venney, Felix A., Dallas, Tex. Printing-press.	848,330	Mar. 26	5254	1146	127	1414
Venske, William. (See Nees and Venske.)						
Venter, Otto, Chemnitz, Germany. Apparatus for drying textile material.	847,383	Mar. 19	3334	732	127	898
Ventilated Cushion and Spring Company. (See Stotts, Edward O., assignor.)						
Venus Manufacturing Company. (See Siner, John M., assignor.)						
Ver Planck, William E., Swampscott, Mass., assignor to General Electric Company. Shaft-bearing.	872,365	Dec. 3	107	19	131	1183
Ver Planck, William E., Swampscott, Mass., assignor to General Electric Company. Packing for shafts of rotary steam-engines.	872,366	Dec. 3	108	20	131	1183
Verbeck, William, Manlius, N. Y. Photographic apparatus.	852,476	May 7	185	33	128	55
Verbeck, William, Manlius, N. Y. Folding stereoscope.	871,974	Nov. 26	3853	932	131	1018
Verch, Robert, Albany, N. Y. Strap-lock.	872,865	Dec. 3	1158	246	131	1348
Verdeau, Emile, assignor to Cryder & Co., New York, N. Y. Eye-protector.	854,546	May 21	4362	903	128	1183
Verdet, Louis. (See Boudreaux and Verdet.)						
Verdin, Alois N. (See Taft and Verdin.)						
Verdin, Alois N., Glendale, assignor to Verdin, Kappes & Verdin, Cincinnati, Ohio. Screw-clamp.	875,302	Dec. 31	6111	1275	131	2272
Verdin, Frank, Hamilton, Ohio. Combined shade-bracket and curtain-pole support.	866,093	Sept. 17	2108	586	130	719
Verdin, Kappes & Verdin. (See Verdin, Alois N., assignor.)						
Vereinigte Chininfabriken Zimmer & Co., G. M. B. H. (See Thron, Heinrich, assignor.)						
Vereinigte Maschinenfabrik Augsburg und Maschinenbaugesellschaft Nürnberg, A.-G., Firm of. (See Bonte, Hans, assignor.)						
Vereinigte Maschinenfabrik Augsburg und Maschinenbaugesellschaft Nürnberg, A. G., Firm of. (See Richter, Hans, assignor.)						
Verity, Victor, assignor to Merrimac Chemical Company, Boston, Mass. Packing-receptacle for carboys.	862,424	Aug. 6	524	140	129	2249
Vermeech, Julien J. M. A., Schaerbeek-lez-Brussels, Belgium. Manufacturing cuprammonium solutions.	850,695	Apr. 16	4016	840	127	2686
Vermont Farm Machine Company. (See Kimball, Perley L., assignor.)						
Verna, Daniel, Philadelphia, Pa. Nut-lock.	875,561	Dec. 31	6611	1382	131	2355
Verner, John, Chariton, Iowa. Centrifugal fan.	851,457	Apr. 23	5496	1151	127	3096
Verner, Walter W., Delmont, S. D. Concrete-block machine.	854,130	May 21	3594	741-2	128	986
Vernet, Arthur, Dijon, France. Punching-machine.	842,729	Jan. 29	6033	1270-1	126	1085
Vernet, Arthur, Dijon, France. Adjustable handle-bar for velocipedes or like vehicles.	864,577	Aug. 27	3884	1077	129	3387
Vernon, Charles M. and G. V., Zanesville, Ohio. Composition to be used in sweeping.	873,913	Dec. 17	3270		131	1763
Vernon, Frederick R., Freeport, N. Y. Knockdown box.	852,812	May 7	899	183	128	229
Vernon, George V. (See Vernon, Charles M. and G. V.)						
Vernon, Walter C., Columbus, Ohio. Lid for pans.	851,969	Apr. 30	6565	1367	127	3097
Verona Tool Works. (See Richardson, Andrew T., assignor.)						
Verschave, Edouard C. F., Paris, France. Manufacture of frames and tubes.	840,271	Jan. 1	967	210	126	261
Verschave, Edouard C. F., Paris, France. Shaped iron or steel for automobile-frames.	875,018	Dec. 31	5571	1164	131	2183
Versteeg, Chester, Ashton, S. D. Indicator.	848,519	Mar. 26	5506	1226	127	1499
Vessey, Robert R. (See Marvin and Vessey.)						
Vessot, Charles H., Ottawa, Ontario, Canada. Flax-pulling machine.	874,460	Dec. 24	4405	929	131	1975
Vessot, Samuel, Joliette, Quebec, Canada. Sharpening device for grain-mills.	841,287	Jan. 15	3004	653	126	850
Vest, Eugene W., Tacoma, Wash. Latch-keeper.	870,626	Nov. 12	1242	336	131	439
Vestal, Warner L., San Bernardino, Cal. Irrigation-gate.	840,811	Jan. 8	2041	452	126	564
Vetter, Joseph C. (See Raymond and Vetter.)						
Vetter, Joseph C., Coney Island, assignor to A. C. Patterson, New York, N. Y. Electrical apparatus.	859,029	July 2	1118	297	129	381
Vetting, Fred C. (See Born, Guttman, Anderson, and Vetting.)						
Vial, Blanche, <i>et al.</i> , heiresses-at-law. (See Vial, Emile.)						
Vial, Emile, Brussels, Belgium. Drying-drum.	840,883	Jan. 8	2192	483	126	600
Vial, Emile, deceased, Brussels, Belgium; L. B., B., and G. Vial, heiresses-at-law. Water clarification.	866,094	Sept. 17	2169	586	130	719
Vial, Emile, deceased, Brussels, Belgium; L. B., B., and G. Vial, heiresses-at-law. Mud retainer or collector for water-claryfying tanks.	872,866	Dec. 3	1160	246	131	1348
Vial, Frederick K., La Grange, assignor to Griffin Wheel Company, Chicago, Ill. Car-wheel.	869,671	Oct. 29	3896	1072	130	2606
Vial, Gabrielle, <i>et al.</i> , heiresses-at-law. (See Vial, Emile.)						
Vial, Louise B., <i>et al.</i> , heiresses-at-law. (See Vial, Emile.)						
Viancour, George H., assignor of one-third to C. A. Bachman and W. L. Lloyd, Cleveland, Ohio. Shaving-cup.	864,274	Aug. 27	3381	940	129	3228
Viancour, George H., assignor of one-third to W. L. Lloyd and C. A. Bachman, Cleveland, Ohio. Shaving-cup.	864,275	Aug. 27	3382	940	129	3228
Viau, Moses Z., Plattsburg, N. Y. Pipe-wrench.	850,696	Apr. 16	4018	840	127	2687
Vibber, Wheeler H., New London, Conn. Electric-installation pipe-cap.	863,334	Aug. 13	1976	532	129	2732
Viberti, Luis. (See Van Zandweghe and Viberti.)						
Vick, Rollo M. (See Ellett and Vick.)						
Vickers Sons & Maxim. (See Dawson and Buckham, assignors.)						
Vickers Sons & Maxim. (See Dawson and Horne, assignors.)						
Vickers Sons & Maxim. (See Dawson and Ramsay, assignors.)						
Vickers, Thomas. (See Allen and Vickers.)						
Vickery, Frederick W., London, England. Paper-feeding machine for printing or like machines.	857,426	June 18	3846	816-17	128	2738
Vickery, Richard J., and J. J. Dinsmore, Clark, S. D. Plow.	853,047	May 7	1385	288-9	128	352

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Victor, Alexander F., Elmira, N. Y., assignor to White Lily Washer Company, Davenport, Iowa. Gearing.	863,120	Aug. 13	1654	443	129	2631
Victor Cement Block & Machine Co. (See Layfield and Crisp, assignors.)						
Victor Electric Company. (See Wantz, Julius B., assignor.)						
Victor Electric & Manufacturing Co. (See Wohl, Maurice J., assignor.)						
Victor Manufacturing Company. (See Moody, Henry T. assignor.)						
Victor Safe & Lock Co. (See Arnold, Wilbur E., assignor.)						
Victor Safe & Lock Co. (See Hattersley, Will C., assignor.)						
Victor Safe & Lock Company. (See Acbi, Charles J., assignor.)						
Victor Talking Machine Company. (See Cheney, George K., assignor.)						
Victor Talking Machine Company. (See Douglass, Leon F., assignor.)						
Victor Talking Machine Company. (See Elfeing, John H., assignor.)						
Victor Talking Machine Company. (See Gleason, Edward D., assignor.)						
Victor Talking Machine Company. (See Johnson, Eldridge R., assignor.)						
Victor Talking Machine Company. (See Valiquet, Louis P., assignor.)						
Victor Talking Machine Company. (See Wickes, Clarence S., assignor.)						
Victor Typewriter Company. (See Campbell, George W., assignor.)						
Victoria Turpentine Machine Company. (See Stevens and Acheson, assignors.)						
Vidal, Juan B., Habana, Cuba. Shifting mechanism for type-writers.	859,026	July 2	1115	296	129	380
Vidal, Juan B., Habana, Cuba. Carriage-actuating mechanism for type-writers.	859,027	July 2	1116	297	129	380
Vidal, Juan B., Habana, Cuba. Type-writer case.	859,028	July 2	1117	297	129	380
Vidal, Juan B., Habana, Cuba. Keyboard for type-writing and other machines on which a keyboard is used.	865,459	Sept. 10	1086	310	130	360
Vidal, Philippe Ste. Cunegonde, Quebec, assignor of one-half to M. M. Mireau, Montreal, Canada. Smoke-consumer.	854,679	May 21	4613	961	128	1246
Viedt, Hermann, Morristown, N. J. Ice-cream freezer.	847,853	Mar. 19	4306	944	127	1141
Viel, Arthur H., Fenton, Mich. Bath-tub.	853,276	May 14	1826	380	128	495
Viel, Honoré, Lawrence, Mass. Locking hat and coat rack.	868,041	Oct. 15	1309	364	130	1757
Vient, André G., Hoquiam, Wash. Fruit-basket.	872,206	Nov. 26	4341	1036	131	1095
Vierling, Joseph, Pittsburg, Pa. Vending-machine.	840,272	Jan. 1	968	211	126	261
Vierte, Hermann, Charlottenburg, and G. Egly, Lichtenberg, assignors to Gebrüder Siemens & Compagnie, Charlottenburg, near Berlin, Germany. Making electrically-conducting bodies for use as contacts.	842,730	Jan. 29	6035		126	1685
Vieth, Edward L., Chicago, Ill. Soldering-iron.	843,645	Feb. 12	1629	845	126	2236
Vieth, Hermann, assignor to Knoll & Co., Ludwigshafen-on-the-Rhine, Germany. Santalol carbonate.	862,857	Aug. 6	1245		129	2465
Vieth, Hermann, assignor to Knoll & Co., Ludwigshafen-on-the-Rhine, Germany. Insipid sandalwood-oil preparations.	862,858	Aug. 6	1245		129	2465
Viets, Eugene E., Troy Center, Pa. Picture-cabinet.	846,531	Mar. 12	1639	364	127	446
Vieweg, Fred J., Plainfield, N. J. Lock.	851,574	Apr. 23	5721	1199	127	3149
Vieweg, Fred J., Plainfield, N. J. Lock.	851,575	Apr. 23	5733	1200	127	3154
Viger, John A., St. Paul, assignor to J. D. Lotz, Stillwater, Minn. Automatic display-sign.	873,471	Dec. 10	2383	501-2	131	1582
Vikören, Ole, Wilcox, Nebr. Furniture.	873,914	Dec. 17	3271	699	131	1763
Villacampa, Miguel V. y, Buenos Ayres, Argentina. Ventilating-shoe.	853,386	May 14	2065	428	128	562
Villalaz, Nicanor, Panama, Panama. Broom.	843,507	Feb. 5	1337	282	126	2128
Villard, John F., Rexton, New Brunswick, Canada. Paint.	847,384	Mar. 19	3335		127	898
Villiarino, Ramon M., Campecheula, Cuba. Filter for defecation.	842,731	Jan. 29	6036	1271-2	126	1685
Villiers-Stuart, Horace, Louisville, Ky. Vehicle-wheel.	866,540	Sept. 17	2736	765-6	130	917
Villiers, Walter H., Chicago, Ill. Souvenir postal card.	847,531	Mar. 19	3622	799	127	974
Villinger, George F., London, England. Reversible propeller for ships and boats.	864,875	Sept. 3	177	51	130	56
Villmow, John A. H., Milwaukee, Wis. Suit-case.	842,277	Jan. 29	5010	1070	126	1422
Villy, Jean. (See Mellor and Villy.)						
Vincent, Amédée E., Paris, France. Apparatus for recovering benzin, &c.	849,645	Apr. 9	2034	417	127	2141
Vincent, Amédée E., Noisy-le-Sec, France. Press for vulcanizing pneumatic tires.	863,732	Oct. 22	2420	669	130	2124
Vincent, Arthur S., Toppenish, Wash. Water-governor for boilers.	860,165	July 16	2841	776	129	1006
Vincent, Edward G., Troy, assignor of three-fourths to A. B. Van Voast, H. Wagner, and M. F. Vincent, Schenectady, N. Y. Cut-off valve.	866,095	Sept. 17	2109	586	130	720
Vincent, Hilaire, Manchester, N. H. Bottle.	866,096	Sept. 17	2111	587	130	720
Vincent, Jesse G., assignor to Burroughs Adding Machine Company, Detroit, Mich. Adding-machine.	858,548	July 2	308	77-8	129	109
Vincent, Jesse G., assignor to Burroughs Adding Machine Company, Detroit, Mich. Power-drive for adding-machines.	866,750	Sept. 24	3068	865-6	130	1058
Vincent, Joseph A., assignor of one-half to W. C. Koster, Hastings-upon-Hudson, N. Y. Mouse-trap.	873,689	Dec. 10	2716	574	131	1638
Vincent, Louis H., Jr., Gila Bend, Ariz. Ter. Sash-holder.	872,701	Dec. 3	798	166	131	1294
Vincent, M. Frankie, et al. (See Vincent, Edward G., assignor.)						
Vincent, Mayhew A. (See Taylor, Wood, and Vincent.)						
Vines, David, Mechanicsville, N. Y. Boiler-furnace.	855,212	May 28	5731	1193	128	1561
Vineyard, Miles M., Foster county, N. D. Water-lifting motor.	850,078	Apr. 9	2803	588	127	2334
Vining, William E., West Haven, Conn. Game apparatus.	853,278	May 14	1828	381-2	128	495
Vinson, John B. (See Lloyd, William D., assignor.)						
Vinson, Paul L., Newbern, N. C. Whiffletree.	864,711	Aug. 27	4087	1136	129	3449
Vinton, Frederick H., Bedford, N. Y. Horse-blanket.	846,812	Mar. 12	2202	483	127	591
Vinton, Frederick W., Weehawken, N. J. Lantern.	866,242	Sept. 17	2306	644	130	751
Vinton, John H., Boston, Mass. Metallic protector for the heels or soles of boots and shoes.	871,309	Nov. 19	2434	631	131	769
Vinton, John H., Boston, assignor of two-thirds to S. S. Bowes, Jamaica Plain, and J. W. Goddard, Boston, Mass. Shoe sole or heel.	869,603	Oct. 29	3788	1036	130	2575
Viol, John H. (See Toney and Viol.)						
Viol, John H., assignor of one-third to W. E. Werd, Deer Lodge, and one-fourth to W. Dyer and W. Sleeman, Butte, Mont. Water-trap for cornets, &c.	869,033	Oct. 22	2872	794	130	2264
Viol, Salina. (See Toney and Viol, assignors.)						
Viola, Bartholomew, Brooklyn, N. Y. Vehicle-brake.	865,002	Sept. 3	378	102-3	130	119
Viquaney, Jules A. (See Jarvis, William D. F., assignor.)						
Virginia Laboratory Company. (See Seward and Kügelgen, assignors.)						
Virtue, Dennis E., Owatonna, Minn. Combined churn and butter-worker.	861,561	July 30	5039	1383-4	129	1785
Visger, Robert H., et al. (See Vandiver, Leslie A., assignor.)						
Viskochil, Charles, Carnegie, Pa., and J. Viskochil, Warrensville, Ohio. Windmill.	846,532	Mar. 12	1640	365	127	446
Viskochil, Jerry. (See Viskochil, Charles and J.)						
Vissas, George P., St. Louis, Mo. Non-refillable bottle.	873,472	Dec. 10	2384	502	131	1582
Vittenet, Henri E. A., Villefrance-sur-Saône, France. Manufacture of artificial silk and other silk goods.	842,125	Jan. 22	4667		126	1303
Vittitoe, James, Kansas City, Mo. Roofing-chart.	858,491	July 2	220	52	129	82
Vivian, George G., Denver, Colo., assignor of one-half to L. Hanchett, Salt Lake City, Utah. Automatic continuous ore-smelting process for reverberatory furnaces.	862,683	Aug. 6	966	258	129	2381

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Vivian, George G., Denver, Colo., assignor of one-half to L. Hanchett, Salt Lake City, Utah. Smelting-furnace.	862,684	Aug. 6	970	258-9	129	2382
Vivinus, Alexis, Brussels, Belgium. (Inch.)	852,045	Apr. 30	6754	1404	127	3446
Vizents, Herman C., and L. H. Chandler, Chicago, Ill. Dress-fastener.	859,634	July 9	2029	548	129	710
Vizethann, Henry A. (See Katzman and Vizethann.)						
Vodoz, Alfred, Geneva, Switzerland. Apparatus for washing glasses.	872,702	Dec. 3	799	167	131	1295
Voelkerding, Frederick H. (See Voelkerding, Otto H. and F. H.)	875,394	Dec. 31	6307	1314	131	2302
Voelkerding, Otto H. and F. H., Dutzow, Mo. Animal-trap.	851,716	Apr. 30	6052	1264	127	3266
Voelz, Louis J., Kenosha, Wis. Thread-cutting attachment.	847,626	Mar. 19	3848	841	127	1032
Vogel, Betty. (See Vogel, William, assignor.)						
Vogel & Brothers, William. (See Sherwood, William I., assignor.)						
Vogel, Eugene W., Chicago, Ill., assignor to Railroad Supply Company. Casing for electric signaling instruments.	849,343	Apr. 2	1449	294-5	127	1956
Vogel, Eugene W., Chicago, Ill., assignor, by mesne assignments, to Railroad Supply Company. Relay.	855,365	May 28	5999	1252-3	128	1629
Vogel, Frederick M., Lynn, and C. E. White, Malden, Mass., assignors to General Electric Company. Electrical connecting-plug.	848,941	Apr. 2	672	135	127	1759
Vogel, Henry C., Philadelphia, Pa. Bottle-washer.	855,912	June 4	919	190	128	1926
Vogel, Henry F. (See Kohout, Alois and F., assignors.)						
Vogel, Hermann P., Neukirchen, Crimmitschau, Germany. Fire-lighter.	855,488	June 4	90	19	128	1717
Vogel, John W., El Reno, Okla. Ter. Stage-curtain.	859,997	July 16	2598	707	129	923
Vogel, Joshua F., assignor to Gondron Wheel Company, Toledo, Ohio. Child's hand-car.	843,646	Feb. 12	1631	345	126	2237
Vogel, William, assignor to B. Vogel, New York, N. Y. Fruit and vegetable peeling machine.	846,765	Mar. 12	2102	461	127	565
Vogel, William C., and H. K. Snell, Rockford, Ill. Pianissimo device.	846,071	Mar. 5	727	152-3	127	186
Vogel, William C., and H. K. Snell, Rockford, Ill. Piano-action rail-support.	865,460	Sept. 10	1087	310	130	361
Vogel, William W., Chicago, Ohio. Spanner-wrench.	872,484	Dec. 3	356	73	131	1223
Vogeler, Jerome I. (See Bonnett, Charles C., assignor.)						
Vogelmann, Reinhard, Stuttgart, Germany. Watchman's clock.	857,502	June 18	4001	852	128	2778
Vogelsang, Alfred, Dresden, Germany. Apparatus for purifying sewage.	840,179	Jan. 1	785	171	126	211
Vogelsang, Arthur, Waterbury, Conn. Smoking-pipe.	848,415	Mar. 26	5420	1182	127	1454
Vogelsang, August A., Dresden, Germany, assignor, by mesne assignments, to British Hosiery and Electrolytic Bleaching Company, Limited, London, England. Electrolytic bleaching of cotton.	867,452	Oct. 1	338		130	1418
Vogelsang, Carl, Solingen, Germany. Screw-cutting machine.	852,641	May 7	537	102	128	141
Vogler, Charles A., assignor of one-half to M. Nelson, Baker, Wash. Cooking utensil.	866,409	Sept. 17	2558	713	130	862
Vogt, Harry V., Philadelphia, Pa. Perpetual calendar.	855,078	May 28	5480	1136-7	128	1498
Vogt, Henrik C., Copenhagen, Denmark. Steam-boiler.	859,155	July 2	1301	346	129	438
Vogt, Jacob, New Rochelle, N. Y. Christmas-tree support.	871,050	Nov. 12	1878	514	131	637
Vogt Manufacturing and Coach Lace Company. (See Kendrick, Solomon, assignor.)						
Vogt, Theodore, Hoboken, N. J. Sheet-metal-working machine.	871,834	Nov. 26	3527	862-3	131	971
Vogt, Walter J. (See Fornander, Alfred, assignor.)						
Voight, Emery A., Paducah, Ky. Steam-boiler.	848,786	Apr. 2	344	69	127	1676
Voight, Henry G., New Britain, Conn., assignor to Russell & Erwin Manufacturing Company. Knob-operable latch mechanism.	843,047	Feb. 5	410	89	126	1896
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch.	843,048	Feb. 5	411	89	126	1897
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch.	844,763	Feb. 19	4086	871	126	2879
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Keyhole-shutter for locks.	845,019	Feb. 19	4566	972	126	2999
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Corridor-door lock.	845,020	Feb. 19	4567	973	126	2999
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch mechanism.	845,909	Mar. 5	387	78-9	127	100
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Casement-adjuster.	852,477	May 7	187	33-4	128	55
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Latch mechanism.	854,008	May 21	3335	685	128	924
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Latch.	854,065	May 21	3466	715	128	956
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock and latch mechanism.	855,679	June 4	449	94	128	1810
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Secret-latch mechanism.	856,558	June 11	2211	454	128	2288
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Corridor-door lock.	857,126	June 18	3283	692	128	2598
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock-indicator.	867,175	Sept. 24	3722	1053	130	1262
Voight, Henry G., assignor to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock.	868,235	Oct. 15	1589	451	130	1840
Voight, Henry G., and C. J. Caley, assignors to Russell & Erwin Manufacturing Company, New Britain, Conn. Indicator-lock.	866,831	Sept. 24	3188	897	130	1096
Voight, Henry G., and C. J. Caley, assignors to Russell & Erwin Manufacturing Company, New Britain, Conn. Lock.	868,897	Oct. 22	2663	736	130	2199
Voightmann and Company. (See Schweinler, Henry R., assignor.)						
Voigt, Adolf, Hamm-on-the-Sieg, Germany. Nitrating cellulose.	855,869	June 4	831		128	1904
Voigt, Adolf, Schönbeck-on-the-Elbe, Germany. Manufacturing nitrated cellulose.	860,776	July 23	3791		129	1347
Voigt, Albert, Portland, Oreg. Roofing-tile.	852,402	Apr. 30	7421	1557	127	3612
Voigt, Edward H. (See Riemer, Frank, assignor.)						
Voigt & Haefner, Aktiengesellschaft, Firm of. (See Orzel, Franz, assignor.)						
Voigtman and Company. (See Duffy, Thomas I., assignor.)						
Voigtmann and Company. (See Heardt, William A., assignor.)						
Voigtmann & Company. (See Iman, Orla H., assignor.)						
Voisard, Harrison A., Sidney, Ohio. Roller.	853,277	May 14	1827	381	128	495
Voit, Wilhelm. (See Lentz and Voit.)						
Voith, George, Baltimore, Md. Rotary engine.	854,783	May 28	4850	1007-8	128	1336
Volani, Francisque, and A. Marchand, Lyon, France, assignors to G. R. de Montlond, New York, N. Y. Machine for biasing cloth.	848,416	Mar. 26	5421	1182	127	1454
Volk, Ferdinand, assignor of one-sixth to C. J. Pollman, Pittsburg, Pa. Electric controller.	846,533	Mar. 12	1642	365	127	447
Volk, Francis M., Minter, Cal. Rail-joint and anticreeping device.	858,235	June 25	5479	1168	128	3183
Volkentant, William F., Lester Prairie, Minn. Fence-making machine.	853,660	May 14	2606	540-1	128	703
Völker, Jean, Neu-Isenburg, assignor to P. Weil & Co., Rodelheim, near Frankfort-on-the-Main, Germany. Type-writer.	856,377	June 11	1805	384	128	2202

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Volkwein, Rudolf, Allegheny, and T. Quinn, Pittsburg, Pa. Combined drum and cymbal beater.....	864,578	Aug. 27	3885	1078	129	3388
Vollbehr, Eduard. (See Dressler, Leiser genannt Lorenz, assignor.)						
Voiler, Ernest, Jersey City, and M. F. Thalberg, Hoboken, N. J. Composition of matter.....	846,265	Mar. 5	1082		127	276
Völler, Karl, assignor to Rheinische Metallwaren-und Maschinenfabrik, Düsseldorf-Derendorf, Germany. Means for moving the barrels of guns having recoil action on the carriage from the firing position to the traveling position and the converse.....	850,984	Apr. 23	4551	953-4	127	2860
Völler, Karl, Düsseldorf, assignor to Rheinische Metallwaren-und Maschinenfabrik, Düsseldorf-Derendorf, Germany. Gun with recoiling barrel.....	855,366	May 28	6002	1253	128	1630
Völler, Karl, Düsseldorf, assignor to Rheinische Metallwaren-und Maschinenfabrik, Düsseldorf-Derendorf, Germany. Elevating mechanism for guns.....	863,765	Aug. 20	2601	719	129	2958
Völler, Karl, assignor to Rheinische Metallwaren-und-Maschinenfabrik, Düsseldorf, Germany. Explosive projectile.....	865,282	Sept. 3	791	227	130	238
Vollmann, Carl W., Montreal, Quebec, Canada. Air cooler and purifier.....	850,985	Apr. 23	4552	954	127	2860
Vollmer, Charles, Dunnigan, Cal. Shingling-gage for hatchets.....	856,434	June 11	1981	407	128	2230
Vollmer, Charles D. (See Vollmer, Daniel and C. D.)						
Vollmer, Daniel and C. D., St. Louis, Mo. Oven-door.....	859,267	July 9	1471	392	129	529
Vollmer, Felton, Winsted, Minn. Party-line telephone system.....	851,458	Apr. 23	5499	1151-2	127	3096
Vollmer, Frederick, Buffalo, N. Y., assignor to American Radiator Company. Chaplet.....	863,816	Aug. 20	2688	741	129	2987
Vollmer, Gustav C., St. Louis, Mo. Rotary air-compressor.....	852,749	May 7	748	147-8	128	195
Vollmer, Johann F., Hofen, near Steinen, Germany. Brake for vehicles.....	859,268	July 9	1472	393	129	529
Vollmer, John, Boston, Mass. Gas-cooler.....	866,169	Sept. 17	2209	615	130	752
Volney, Carl W., Keyport, N. J. Manufacture of gunpowder.....	874,264	Dec. 17	4031	852	131	1878
Volney, Carl W., Keyport, N. J. Treating materials.....	874,265	Dec. 17	4033	853	131	1878
Volt-Ampère-Gesellschaft, Fleischmann & Co. (See Fleischmann, Adalbert, assignor.)						
Volunteer Disc Plow Co. (See Weeks, Samuel V., assignor.)						
Volz, Frederick L., assignor of one-half to T. Wright, Baltimore, Md. Means for preventing rails from spreading.....	849,946	Apr. 9	2584	536	127	2282
Volz, Jonathan. (See Trumbull and Volz.)						
Volz, Wilhelm G., Stuttgart, Germany. Water-meter.....	864,579	Aug. 27	3886	1078	129	3388
Volz, William L. (See Swagler and Volz.)						
Voorhees, John J., Jersey City, N. J. Material for flexible wearing-surfaces.....	846,534	Mar. 12	1644	365	127	447
Voorhees, John K. and J. R., Cedar Falls, Iowa. Grain-assorter.....	854,443	May 21	4180	866-7	128	1140
Voorhees, John R. (See Voorhees, John K. and J. R.)						
Voorhees, Philip. (See Gray, Isaac C., assignor.)						
Voorhis, Benjamin F., assignor to Auxiliary Manufacturing and Marketing Company, Nyack, N. Y. Heating-stove.....	860,425	July 16	3236	885	129	1133
Voorhorst, Clarence J., Chicago, Ill. Division-plate for egg-cases.....	847,858	Mar. 19	4308	945	127	1142
Vorhes, Addison, and J. C. Moyer, Burlington, Iowa. Watering device.....	854,615	May 21	4489	936	128	1215
Vorhes, Joseph J., and H. Crisman, Seneca, Kans. Car-door.....	843,647	Feb. 12	1632	346	126	2237
Vories, Harry P., et al. (See Churchill, Herbert H., assignor.)						
Voris, Clifford D., assignor to F. M. Voris, Crawfordsville, Ind. Corrugated-metal culvert.....	852,478	May 7	188	34	128	56
Voris, Clifford D., assignor to F. M. Voris, Crawfordsville, Ind. Corrugated-metal culvert.....	861,002	July 23	4161	1140	129	1468
Voris, Flora M. (See Voris, Clifford D., assignor.)						
Vortex Manufacturing Company. (See Date and Kugelmann, assignors.)						
Vose, Ambrose S. (See Ayer and Vose.)						
Vose, Francis R., Manchester, N. H. Cover for bleach and dye vats.....	867,453	Oct. 1	339	98	130	1418
Vose, Julien W., Edgartown, assignor to Vose & Sons Piano Company, Boston, Mass. Piano-key base.....	864,051	Aug. 20	3030	837	129	3091
Vose, Ruth L. (See Ayer, Albert E., assignor.)						
Vose, Ruth L. (See Ayer and Vose, assignors.)						
Vose & Sons Piano Company. (See Vose, Julien W., assignor.)						
Voshardt, Herman F., assignor of one-half to I. W. Kelley, Chicago, Ill. Structural I-beam.....	854,391	May 21	4068	841-2	128	1112
Vosper, William W., Sandusky, Ohio. Pipe-cutter.....	860,711	July 23	3693	1011-12	129	1316
Voss, Haynie L., Miles, Tex. Tire-protector.....	854,186	May 21	3709	767	128	1019
Voss, William, Wilmington, Del., assignor to American Car & Foundry Company, St. Louis, Mo. Passenger-car.....	847,135	Mar. 12	2820	623	127	742
Voss, William E., Columbia, Tenn. Laundry-bag.....	850,697	Apr. 16	4020	840	127	2687
Voss, William H., Davenport, Iowa. Mechanical movement.....	843,917	Feb. 12	2133	456	126	2362
Voss, William H., Davenport, Iowa. Combined wringer-tray and drip-board.....	874,266	Dec. 17	4037	853	131	1879
Votaw, Howard E., College Corner, Ind. Form for cement cisterns or the like.....	872,393	Dec. 3	153	29	131	1192
Vote-Berger Company. (See Enoch, Claude D., assignor.)						
Votey, Edwin S., Summit, N. J., assignor to Aeolian Company, New York, N. Y. Detachable music-roll support.....	849,091	Apr. 2	953	195	127	1830
Votey, Edwin S., Summit, N. J., assignor to Aeolian Company, New York, N. Y. Music-roll and support therefor.....	865,664	Sept. 10	1414	401	130	460
Voy, Edward L., assignor to Allis-Chalmers Company, Milwaukee, Wis. Dredge pin and joint.....	845,021	Feb. 19	4509	973	126	3000
Vraalstad, Edward J., Buffalo, N. Y. Vehicle steering device.....	874,878	Dec. 24	5239	1103-4	131	2111
Vraalstad, Edward J., assignor of one-half to Buffalo Pitts Company, Buffalo, N. Y. Sieve-holder.....	842,036	Jan. 22	4503	967-8	126	1263
Vraalstad, Edward J., assignor to Buffalo Pitts Company, Buffalo, N. Y. Grain-conveyer.....	875,225	Dec. 31	5972	1244	131	2250
Vreeland, Cornelius D., Montclair, N. J. Manufacturing arsenic compounds of lead.....	870,915	Nov. 12	1662	457	131	571
Vrooman, Arba E., Painesville, Ohio. Vegetable-topping machine.....	869,816	Oct. 29	4107	1134-5	130	2668
Vrooman, Herbert A. (See Bredsvold, Paul A., assignor.)						
Vroomen, Garrett M., Castleton Corners, N. Y. Combination power-machine.....	847,855	Mar. 19	4309	945-7	127	1142
Vulcan Combustion Company. (See Travis, Herbert J., assignor.)						
Vulcan Iron Works Company. (See Becker, Archibald L., assignor.)						
Vulcan Iron Works Company. (See Webber, John B., Jr., assignor.)						
Vulcan Soot Cleaner Company of Pittsburg, Pa. (See Eichelberger, William, assignor.)						
Vulcan Soot Cleaner Company of Pittsburg, Pa. (See Eichelberger and Hibner, assignors.)						
Vulcan Soot Cleaner Company of Pittsburg, Pa. (See Eichelberger, Hibner, and Bacon, assignors.)						
Vuncannon, Thomas P., Van Vleck, Tex. Nut-lock.....	861,065	July 23	4245	1163	129	1493
Vye, John A., St. Paul, Minn. Grass-catcher for lawn-mowers.....	844,427	Feb. 19	3142	675	126	2651
W. Graaff & Company, Gesellschaft mit Beschränkter Haftung. (See Mikorey, Hans, assignor.)						
W. C. Heraeus, Firm of. (See Haagn, Ernst, assignor.)						
W. & E. T. Fitch Co. (See Hubbard, George M., assignor.)						
W. F. Barnes Commercial Co. (See Casella, Secondo L., assignor.)						
W. F. Burns Company. (See Pfleger, Otto, assignor.)						
W. F. Burns Company. (See Vaughn, Edwin, assignor.)						

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W. F. & John Barnes Company. (See Barnes, John S., assignor.)						
W. F. & John Barnes Company. (See Barnes, William F., assignor.)						
W. F. Stimpson Co. (See Good, Jacob L., assignor.)						
W. G. Armstrong, Whitworth & Company. (See Lloyd and Sodeau, assignors.)						
W. G. Nagel Electric Company. (See Peirce, Charles L., Jr., assignor.)						
W. G. Nagel Electric Company. (See Robinson, William, assignor.)						
W. H. Miner Company. (See Fowler, William E., assignor.)						
W. H. Miner Company. (See Nash, Charles J., assignor.)						
W. H. Miner Company. (See O'Connor, John F., assignor.)						
W. H. Miner Company. (See Townsend, Frederick B., assignor.)						
W. H. Reisner Manufacturing Company. (See Reisner, William H., assignor.)						
W. H. Strouse Manufacturing Company. (See Strouse, William H., assignor.)						
W. J. Clark Company. (See Clark, William H., assignor.)						
W. R. Denster Machinery Co. <i>et al.</i> (See Brooke, Arthur O., assignor.)						
W. S. Mills Company. (See Mills, William S., assignor.)						
W. W. Sly Manufacturing Company. (See Sly, William W., assignor.)						
Wacek, George P., Olivia, Minn. Harvester.	871,835	Nov. 26	3529	863-4	131	971
Wach, Edward F., Chicago, Ill. Soap-holder.	852,305	Apr. 30	7216	1515	127	3540
Wache, Alphons, Königshütte, Germany. Safety-valve.	871,975	Nov. 26	3858	932	131	1018
Wachter, Charles L. (See Miller and Wachter.)						
Wachter, Ernst, Buchs, Switzerland. Acetylene-generating lamp.	848,074	Mar. 26	4774	1041	127	1292
Wackenhuth, Frederick, Newark, N. J. Internal-combustion engine.	841,830	Jan. 22	4104	883	126	1169
Wacker, George G., assignor of one-half to G. L. Schiesser, New York, N. Y. Safety device.	860,948	July 23	4060	1111-12	129	1436
Wacker, George W., Yonkers, N. Y. Thermostatic appliance.	868,307	Oct. 15	1716	483	130	1880
Wackermann, Frank, Carriock borough, assignor of one-half to P. E. Hunter, Allegheny, Pa. Heading-machine.	859,353	July 9	1615	430-1	129	576
Wadagaki, Yasuzo, Sasebo, Japan. Marine propulsion.	856,115	June 4	1265	266	128	2012
Waddams, Benjamin E. (See Lambert and Waddams.)						
Waddell, Henry J. (See Mapes, Charles E., assignor.)						
Waddell, John, Grand Rapids, Mich. Handle for caskets.	855,544	June 4	193	38-9	128	1745
Waddell, John, and D. W. Tower, Grand Rapids, Mich. Knob.	843,720	Feb. 12	1754	374	126	2268
Waddell, Montgomery, New York, N. Y., assignor to S. W. Pettit, Philadelphia, Pa. Apparatus for forming filaments of metamorphosed cellulose, &c.	846,879	Mar. 12	2338	515-16	127	625
Waddell, Montgomery, New York, N. Y., assignor to S. W. Pettit, Philadelphia, Pa. Apparatus for forming filaments.	849,822	Apr. 9	2345	482	127	2220
Waddell, Montgomery, New York, N. Y., assignor to S. W. Pettit, Philadelphia, Pa. Apparatus for forming filaments.	849,870	Apr. 9	2458	504-5	127	2250
Waddell, Montgomery, New York, N. Y., assignor, by mesne assignments, to S. W. Pettit, Philadelphia, Pa. Manufacture of viscose.	855,213	May 28	5733		128	1561
Waddell, Montgomery, New York, N. Y., assignor to S. W. Pettit, Philadelphia, Pa. Reeling of threads into skeins.	873,766	Aug. 20	2604	720-1	129	2959
Waddell, Montgomery, New York, N. Y., assignor to S. W. Pettit, Philadelphia, Pa. Machine for twisting together the filaments of a thread of artificial silk.	867,623	Oct. 8	611	173	130	1521
Waddell, William A., Wellington, New Zealand. Turbine.	860,712	July 23	3695	1012	129	1316
Waddingham, Bailey. (See Leonard, William E., assignor.)						
Waddington, Benjamin, assignor to L. M. Raney, New Castle, Pa. Riveting apparatus.	873,640	Dec. 10	2717	575	131	1639
Wade, Charles E., North Wales, Pa., assignor of one-half to Wendell & MacDuffie, New York, N. Y. Clip or fastener.	861,562	July 30	5043	1384	129	1786
Wade, Charles E., North Wales, assignor to Keasbey & Mattison Company, Ambler, Pa. Manufacture of artificial lumber.	869,116	Oct. 22	2992	827	130	2301
Wade, Charles E., Gwynedd, assignor to Keasbey & Mattison Company, Ambler, Pa. Manufacture of artificial lumber.	869,117	Oct. 22	2993	827	130	2302
Wade, Ervin M., Los Angeles, Cal. Filter.	854,972	May 28	5230	1089-90	128	1435
Wade, Evan H., and J. L. Nicholson, Chicago, Ill., assignors to American Locomotive Equipment Company. Locomotive-boiler furnace.	851,329	Apr. 23	5253	1101-2	127	3036
Wade, Evan H., and J. L. Nicholson, Chicago, Ill., assignors to American Locomotive Equipment Company. Consuming fuel.	851,330	Apr. 23	5255	1102	127	3037
Wade, Francis W., East St. Louis, Ill. Blackboard-cleaner.	869,817	Oct. 29	4110	1135	130	2669
Wade, Frederick C. (See Barwis, Thomas S., assignor.)						
Wade, George E., London, England. Oscillating-blade or fish-tail propeller.	842,278	Jan. 29	5012	1070	126	1422
Wade, Harry B., Omaha, Nebr. Combination hat and garment hook.	859,790	July 9	2264	616	129	787
Wade, Henry J., Winona, Minn. Manufacturing heat-insulating bodies.	852,688	May 7	643	123	128	168
Wade, James F., Quincy, Ill. Washing-machine.	867,770	Oct. 8	821	234	130	1585
Wade, James J., Chicago, Ill. Trap or water seal.	871,836	Nov. 26	3531	864	131	972
Wade, James W. (See McVoy, Vincen P., assignor.)						
Wade, John A., Traverse City, Mich. Propeller.	848,942	Apr. 2	673	135	127	1760
Wade, Martin J., Iowa City, Iowa. Memorandum-book.	871,310	Nov. 19	2435	631	131	770
Wade, Seth. (See Mills and Wade.)						
Wade, Walter W. (See Fellows and Wade.)						
Wadman, Walter E., Bayonne, N. J., assignor to Hygienic Chemical Company of New Jersey. Treating silicious ores containing lithia.	847,856	Mar. 19	4312		127	1143
Wadsworth, Balys A., Hale, Oreg. Saw-guide.	865,621	Sept. 10	1360	385	130	445
Wadsworth, Chester E., Florence, Cal. Mechanism operated by horses.	862,426	Aug. 6	528	141-2	129	2250
Wadsworth, Frank L. O., Pittsburg, Pa. Exhausting incandescent-lamp bulbs.	866,751	Sept. 24	3071	866	130	1059
Wadsworth, Frank L. O., assignor to Pressed Prism Plate Glass Company, Morgantown, W. Va. Manufacture of wire-glass.	844,484	Feb. 19	3265	705	126	2682
Wadsworth, Frank L. O., assignor to Pressed Prism Plate Glass Company, Morgantown, W. Va. Manufacture of wire-glass.	844,485	Feb. 19	3267	705	126	2682
Wadsworth, Frank L. O., Morgantown, W. Va., assignor to Pressed Prism Plate Glass Company, New York, N. Y. Making glass sheets.	844,552	Feb. 19	3412	735	126	2716
Wadsworth, Frank L. O., Morgantown, W. Va., assignor to Pressed Prism Plate Glass Company, New York, N. Y. Apparatus for grinding and polishing.	845,987	Mar. 5	542	113	127	139
Wadsworth, Frank L. O., Morgantown, W. Va., assignor to Pressed Prism Plate Glass Company, New York, N. Y. Grinding and polishing machine.	852,403	Apr. 30	7422	1557	127	3612
Wadsworth, Frank L. O., Pittsburg, Pa., assignor to Pressed Prism Plate Glass Company, Morgantown, W. Va. Making prism-glass.	865,136	Sept. 3	568	159	130	172
Wadsworth, Frank L. O., Morgantown, W. Va., assignor to Pressed Prism Plate Glass Company, New York, N. Y. Manufacture of glass having surface projections.	867,931	Oct. 8	1086	307	130	1664
Wadsworth, Frank M., and J. P. Appleby, Minneapolis, Minn. Operating mechanism for advertising devices.	845,986	Mar. 5	539	112-13	127	139
Wadsworth, Joseph T., assignor to W. B. Wadsworth, Plainfield, N. J. Valve mechanism.	843,313	Feb. 5	979	201	126	2037
Wadsworth, Willard, assignor to W. B. Wadsworth, Plainfield, N. J. Pneumatic fire-alarm.	860,842	July 23	3884	1063	129	1378
Wadsworth, William, Wichita, Kans. Tobacco-booking machine.	853,279	May 14	1829	382	128	496

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Wadsworth, William B. (See Wadsworth, Joseph T., assignor.)						
Wadsworth, William B. (See Wadsworth, Willard, assignor.)						
Waechter, Ferdinand F., Philadelphia, Pa., assignor to Link-Belt Company, Chicago, Ill., and Philadelphia, Pa. Belt-conveyer idler.....	857,370	June 18	3746	793	128	2714
Waechter, Gustav, Elverdissen, near Herford, Germany. Graduated food-package.....	856,243	Sept. 17	2308	644	130	782
Waechter, Hermann, New York, N. Y. Liquid-dispensing vessel.....	869,535	Oct. 29	3665	1004	130	2536
Waffle, O. G. (See Owen, Frank L., assignor.)						
Wagener, August, assignor to Society Deutsche Kraftgas-Gesellschaft M. B. H., Berlin, Germany. Air-supplying means for explosive-engines.....	865,218	Sept. 3	699	198	130	211
Wagenführ, Charles A. C., New York, N. Y. Attachment for engraving-machines.....	850,550	Apr. 16	3719	777	127	2613
Wagenhals, William G., St. Louis, Mo. Pressed-steel car.....	856,435	June 11	1982	408	128	2231
Wagenschieffer, Robert, Hanover-Linden, Germany. Spark and soot arrester.....	857,693	June 25	4385	925	128	2906
Wagg, Solomon R., Appleton, Wis. Refining-engine.....	844,063	Feb. 12	2390	512	126	2423
Wagg, Solomon R., Appleton, Wis. Washing or beating engine.....	871,540	Nov. 19	2948	736	131	847
Wagner, Benjamin G., Philadelphia, Pa. Prepayment gas-meter.....	870,600	Nov. 12	1141	311-12	131	404
Waggoner, John C., Anthony, Kans. Grain-shocking device.....	846,364	Mar. 5	1278	281	127	322
Wagner, Albert, Elkhorn, Pa. Hook for garments.....	844,428	Feb. 19	3143	675	126	2651
Wagner, Bernhard, Stettin, Germany. Apparatus for coking briquets.....	849,947	Apr. 9	2585	536-7	127	2282
Wagner & Brand. (See Schmitt, Otto G. C., assignor.)						
Wagner, Cleaver W., assignor to Automatic Clock Company, Danville, Pa. Self-winding electric clock.....	868,587	Oct. 15	2169	606	130	2023
Wagner, Constantin, New York, N. Y. Testing-tube.....	857,127	June 18	3286	692	128	2598
Wagner-Davis Glass Company. (See Davis, Frank J., assignor.)						
Wagner, Edward, St. Louis, Mo. Process of and apparatus for cleansing bottles.....	840,273	Jan. 1	971	211	126	262
Wagner, Edward A., Fort Wayne, Ind., assignor to General Electric Company. Protective device for transformers.....	861,003	July 23	4162	1140	129	1468
Wagner, Edward H., New York, N. Y. Pyrotechnic device.....	843,125	Feb. 5	589	124	126	1945
Wagner, Edward L., Port Washington, N. Y. Sewer-flushing apparatus.....	866,244	Sept. 17	2309	645	130	782
Wagner Electric Manufacturing Company. (See Begole, Joshua F., assignor.)						
Wagner Electric Manufacturing Company. (See Langsdorf, Alexander S., assignor.)						
Wagner Electric Manufacturing Company. (See Schüler, Leo, assignor.)						
Wagner Electric Manufacturing Company. (See Sparrow, Simon, assignor.)						
Wagner, Ferdinand, New York, N. Y. Musical instrument.....	871,463	Nov. 19	2783	700	131	821
Wagner, Franz X., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine and the like.....	848,274	Mar. 26	5126	1119	127	1383
Wagner, Franz X., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	848,707	Apr. 2	173	37	127	1631
Wagner, Franz X., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	848,708	Apr. 2	179	37-8	127	1633
Wagner, Franz X., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	848,787	Apr. 2	346	69	127	1677
Wagner, Franz X., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	851,264	Apr. 23	5121	1077-8	127	3000
Wagner, Franz X., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	868,042	Oct. 15	1311	364-6	130	1757
Wagner, Franz X., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	873,641	Dec. 10	2718	575-6	131	1639
Wagner, Franz X., assignor to Underwood Typewriter Company, New York, N. Y. Carriage-stop mechanism for type-writing machines.....	875,637	Dec. 31	6870	1434	131	2381
Wagner, Frederick C., and F. G. Koch, Cleveland, assignors, by mesne assignments, to Mitchell Reversible Window Company, Fremont, Ohio. Horizontally-pivoted window.....	849,585	Apr. 9	1933	396	127	2116
Wagner, Frederick H., assignor to Bartlett, Hayward & Co., Baltimore, Md. Hydraulic reversing-valve for gas apparatus.....	873,393	Dec. 10	2248	468-9	131	1556
Wagner, George C. (See Pond and Wagner.)						
Wagner, George H., and S. S. Herne, Springfield, Mass. Toilet article.....	850,551	Apr. 16	3721	777	127	2613
Wagner, Godwin, San Antonio, Tex. Feed-valve for air-brake systems.....	856,665	June 11	2423	499	123	2341
Wagner, Herman, <i>et al.</i> (See Vincent, Edward G., assignor.)						
Wagner, Herman L., Mount Vernon, assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	839,908	Jan. 1	212	47	126	59
Wagner, Herman L., Mount Vernon, N. Y., assignor to Underwood Typewriter Company. Type-writing machine.....	848,520	Mar. 26	5608	1226	127	1499
Wagner, Herman L., Mount Vernon, assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	848,709	Apr. 2	180	33	127	1633
Wagner, Herman L., Mount Vernon, assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	848,788	Apr. 2	348	69	127	1678
Wagner, Herman L., Mount Vernon, assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	853,280	May 14	1631	382	128	496
Wagner, Herman L., Mount Vernon, assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	853,281	May 14	1834	383	128	497
Wagner, Herman L., Mount Vernon, assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	855,027	May 28	5355	1112	128	1465
Wagner, Herman L., Mount Vernon, assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	866,097	Sept. 17	2112	587	130	720
Wagner, Hubert, Munich, assignor to Charlottenburger Farbwerke Atkien Gesellschaft, Charlottenburg, Germany. Means for mounting stone lithographic rollers.....	874,267	Dec. 17	4038	853	131	1879
Wagner, John F., <i>et al.</i> (See Weston, James H., assignor.)						
Wagner, John H., David City, Nebr. Saw-set.....	860,271	July 16	3003	822	129	1057
Wagner, Joseph C., Easton, Mo. Feed-trough.....	861,922	July 30	5583	1542	129	1948
Wagner Manufacturing Company. (See Walsh, Thomas P., assignor.)						
Wagner, Marion E., Pickering, Mo., and J. B. Wiseman, Creston, Iowa. Railway cattle-guard.....	863,241	Aug. 13	1850	498	129	2692
Wagner, Paul, Philadelphia, Pa. Adjustable T pipe-joint.....	861,409	July 30	4812	1320	129	1714
Wagner, Peter F., Greensburg, Ind. Shade-bracket.....	842,506	Jan. 29	5526	1171	126	1563
Wagner, Peter F., Greensburg, Ind. Step-ladder.....	856,116	June 4	1267	266	128	2012
Wagner, Samuel C., Abilene, Tex. Vehicle-axle.....	867,454	Oct. 1	341	99	130	1419
Wagner, Theodore B., Chicago, Ill. Brewing material.....	855,599	June 4	298	.....	128	1772
Wagner, William, Forestville, Mich. Power-transmission pulley.....	851,189	Apr. 23	4958	1042	127	2961
Wagner, William G., St. Louis, Mo. Level.....	866,541	Sept. 17	2739	766	130	918
Wagner's Sons, W. T. (See Greyer, Julius, assignor.)						
Wagniere, August, assignor of one-half to H. J. Pauly, Los Angeles, Cal. Permanent binder for loose-leaf records.....	842,361	Jan. 29	5201	1105	126	1473
Wagoner, Henry V., Brooklyn, N. Y. Binder.....	863,242	Aug. 13	1851	499	129	2692
Wagoner, John J., Delong, Ind. Corn-harvester.....	848,609	Mar. 26	5790	1263	127	1545
Wahl, Nikolaus, Kahl-on-the-Main, Germany. Manufacture of seamless felt tubes for covering rollers and the like.....	872,867	Dec. 3	1162	246	131	1348

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Wahle, Adolph, Davenport, Iowa. Mechanical movement.....	861,687	July 30	5221	1434-5	129	1840
Wahleen, Carl A. (See Bergstrom and Wahleen.)						
Wahler, Henry, Estherville, Iowa. Pump.....	873,394	Dec. 10	2252	469	131	1556
Wahlert, Henry A., St. Louis, Mo. Hose-clamp.....	875,019	Dec. 31	5573	1164	131	2183
Wahlert, Henry A., St. Louis, Mo., assignor of one-half to J. W. Addis, Marshall, Tex. Body-holster.....	874,044	Dec. 17	3539	754	131	1805
Wahlin, Walter E., Salt Lake City, Utah. Railway stock-guard.....	840,030	Jan. 1	472	103	126	127
Wahlstrom, Verner J., New York, N. Y. Chuck.....	866,245	Sept. 17	2310	645	130	783
Wahlstrom, Verner J., New York, N. Y. Chuck.....	870,142	Nov. 5	413	115	131	137
Wahlstrom, Verner J., New York, N. Y. Chuck.....	870,143	Nov. 5	415	115	131	138
Wahlstrom, Verner J., New York, N. Y. Clutch.....	870,206	Nov. 5	524	143	131	171
Wahlund, Axel, Duluth, Minn. Weed-extractor.....	862,773	Aug. 6	1106	298	129	2421
Wahnsiedler, Charles, Evansville, Ind. Pipe-cutter.....	857,694	June 25	4386	925	128	2907
Wahrhaftig, M. S. (See Phillips, William H., assignor.)						
Wainwright, Henry H., Philadelphia, Pa. Metal nosing for concrete steps and other structures.....	848,075	Mar. 26	4775	1041	127	1293
Wainwright, Henry H., Philadelphia, Pa. Metal nosing for concrete curb and other structures.....	864,276	Aug. 27	3384	940	129	3228
Wais, Charles C., Oakley, Ohio. Machine for cutting out circular or elliptical forms.....	873,395	Dec. 10	2254	470	131	1557
Wait, Henry H., assignor to International Separator Company, Chicago, Ill. Magnetic ore-separator.....	851,046	Apr. 23	4673	982	127	2892
Wait, Henry H., assignor to International Separator Company, Chicago, Ill. Separating ore.....	861,782	July 30	5378	1484	129	1886
Wait, Jay G. (See Baumgartel, Henry, assignor.)						
Wait, Oscar E., St. Albans, Vt. Radiator.....	859,269	July 9	1474	394	129	529
Waite, Azro H., El Paso, Ill. Vapor-burner.....	861,066	July 23	4246	1164	129	1494
Waite, Charles N., Wilmington, Del. Device for separating materials held in suspension by liquids.....	872,033	Nov. 26	4001	961	131	1038
Waite, Charles N., Wilmington, Del. Dress-shield.....	874,879	Dec. 24	5241	1104	131	2111
Waite, Charles N., Lansdowne, assignor, by mesne assignments, to S. W. Pettit, Philadelphia, Pa. Manufacture of filaments and films from viscose.....	849,823	Apr. 9	2348		127	2221
Waite, Clarence. (See Dohrmann and Waite.)						
Waite, Fred, Otley, England. Counting and collating device for sheet-delivery mechanisms.....	840,402	Jan. 1	1247	273	126	327
Waite, Fred, Otley, England. Platen printing-machine.....	842,362	Jan. 29	5202	1105	126	1474
Waite, Henry E., Newton, Mass. Mail-marking machine.....	845,911	Mar. 5	390	79-80	127	100
Waite, John H., Brockton, Mass. Last.....	846,072	Mar. 5	731	153	127	186
Waite, Ralph B., Springfield, N. Y. Starting device for automobiles.....	854,858	May 28	5006	1041	128	1377
Wakefield, Edwin, New York, N. Y. Aquatic stage.....	859,708	July 9	2146	579	129	747
Wakefield, Harry U., Cornersville, Tenn. Harrow.....	868,510	Oct. 15	2027	569	130	1973
Wakefield, Isaac, New Eagle, Pa. Fan.....	850,609	Apr. 16	2828	799	127	2638
Wakefield, William O. (See Upp and Wakefield.)						
Wakeman, Charles E. (See Demers, Frank A., assignor.)						
Walbaum, Edward, Webster, S. D. Riding attachment for plows.....	857,503	June 18	4003	852	128	2778
Walbrecker, Albert, assignor to C. Wülfing, Jr., Elberfeld, Germany. Locking-nut.....	853,661	May 14	2608	541	128	703
Walchner, Carl, Ermadungen, Switzerland, assignor to J. Emanuel, Frankfurt-on-the-Main, Germany. Window.....	858,236	June 25	5480	1169	128	3184
Walcott, Erastus L., and G. J. Fischer, Quincy, Ill. Street stop-cock box for water and gas pipes.....	852,359	Apr. 30	7326	1540	127	3589
Waldburger, John A., McKeesport, assignor to Forter Miller Engineering Co., Pittsburg, Pa. Feeding mechanism for gas-producers, furnaces, &c.....	868,147	Oct. 15	1457	410	130	1802
Waldburger, John A., McKeesport, assignor to Forter Miller Engineering Co., Pittsburg, Pa. Feeding mechanism for gas-producers, furnaces, &c.....	874,352	Dec. 17	4195	884	131	1907
Waldeck, Emanuel J. (See Knott, Frank W., assignor.)						
Walden Frederick E., Worcester, Mass. Wrench.....	841,831	Jan. 22	4107	884	126	1170
Walden, Frederick E., Worcester, Mass. Ratchet-clamp.....	856,436	June 11	1985	409	128	2231
Walden, William H., East Macon, Ga. Railway-track fastener.....	858,124	June 25	5276	1120	128	3131
Waldinger, Gustav A., and C. F. Iserloth, assignors to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Dyeing.....	873,277	Dec. 10	1999		131	1516
Waldman, Jacob, New York, N. Y. Atomizer.....	851,265	Apr. 23	5126	1078	127	3002
Waldmire, Harry W., Philadelphia, Pa. Louver.....	856,117	June 4	1268	267	128	2012
Waldner, Adolph, <i>et al.</i> (See Foster, William B., assignor.)						
Waldner, Julius, <i>et al.</i> (See Foster, William B., assignor.)						
Waldon, Sidney D., assignor to Packard Motor Car Company, Detroit, Mich. Pedal foot-rest for automobiles.....	850,507	Apr. 16	3639	761	127	2590
Waldorf, Eugene C., assignor to E. D. Howard, Buffalo, N. Y. Car-replacer.....	869,034	Oct. 22	2874	794	130	2264
Waldrep, Jesse L., Lilly, Ga. Road-bed-washout signal.....	866,700	Sept. 24	2982	846	130	1022
Waldron Company, John. (See Waldron, William H., assignor.)						
Waldron, Howard V. D. (See Latta, Emmitt G., assignor.)						
Waldron, Howard V. D., New Brunswick, N. J., assignor of one-half to E. G. Latta, Syracuse, N. Y. Shoe-holder.....	866,542	Sept. 17	2740	766	130	918
Waldron, Michael D., assignor of two-thirds to Utica Heater Company, Utica, N. Y. Core-supporting frame.....	867,688	Oct. 8	699	196	130	1547
Waldron, William H., assignor to John Waldron Company, New Brunswick, N. J. Stick-feeder.....	857,427	June 18	3848	817	128	2738
Waldron, William H., assignor to John Waldron Company, New Brunswick, N. J. Stick-feeder.....	858,125	June 25	5277	1120	128	3132
Waldschmidt, Jacob H., Fond du Lac, Wis. Railway-brace.....	868,043	Oct. 15	1314	366	130	1758
Waldfuehl, Manuel, Philadelphia, Pa. Portable music-rest.....	857,504	June 18	4004	852	128	2778
Walenta, Franz, Bellinzona, Switzerland. Production of casting-patterns.....	867,541	Oct. 1	478	137	130	1462
Wales, Alfred B., East Whitman, assignor of one-half to E. W. McAllister and I. W. Holbrook, Brockton, Mass. Controlling mechanism for belt-shifters.....	851,576	Apr. 23	5744	1200	127	3159
Wales, Nathaniel B., Braintree, Mass. Mechanical movement.....	874,045	Dec. 17	3541	754	131	1805
Wales, Theodore F., Bridgeport, Conn. Hand printing-press.....	868,826	Oct. 22	2562	706-7	130	2168
Walger, Philip and W., Chicago, Ill. Awning.....	848,216	Mar. 26	5002	1093	127	1351
Walger, William. (See Walger, Philip and W.)						
Walhof, Charles A. (See Crocker and Walhof.)						
Walsh, Aral G., Seattle, Wash. Sign.....	843,779	Feb. 12	1860	396	126	2294
Walk, George W., Pittsburg, Pa. Wheel.....	848,142	Mar. 26	4880	1065-6	127	1318
Walker, Abraham L. (See Howell, Jordan M., Jr., assignor.)						
Walker, Addison W., Erie, Pa. Wringer-clamp.....	863,679	Aug. 20	2475	683	129	2918
Walker, Albert E., A., and G. Norwood Green, near Halifax, England. Controlling device for automatic weft-replenishing looms.....	874,550	Dec. 24	4612	969-70	131	2003
Walker, Albert H. (See Ippers, John W., assignor.)						
Walker, Archibald U., <i>et al.</i> (See Williams, Henry E., assignor.)						
Walker, Arthur. (See Walker, Albert E., A., and G.)						
Walker, Arthur F., Atlanta, Ga. Building structure.....	859,471	July 9	1778	477	129	630

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			Spec.	Dr'g.	Vol.	Page.
Walker, Arthur F., Atlanta, Ga. Concrete structure and hanger-support.	874,461	Dec. 24	4408	929	131	1975
Walker, Arthur F., Atlanta, Ga. Concrete structure.	874,462	Dec. 24	4410	930	131	1975
Walker, Arthur W., Malden, Mass. Cooking-stove.	871,051	Nov. 12	1879	514	131	638
Walker, Arthur W., Malden, Mass. Damper.	873,141	Dec. 10	1745	366	131	1473
Walker, Charles W. (See Richards and Walker.)						
Walker, Charles W., Bridgeport, Conn., assignor to Yost Writing Machine Company, Iliion, N. Y. Type-writing machine.	841,288	Jan. 15	3005	654	126	851
Walker, Chas. A. (See Copeman, Lloyd G., assignor.)						
Walker, Charles W., Bridgeport, Conn., assignor to Yost Writing Machine Company, Iliion, N. Y. Type-writing machine.	851,847	Apr. 30	6313	1317	127	3334
Walker, Clarence E. (See Shank, Augustus W., assignor.)						
Walker, Cliff S. (See Barr, James J., assignor.)						
Walker, Clinton L., Piedmont, Cal. Surveying instrument.	870,809	Nov. 12	1497	409	131	519
Walker, Cyrus M., Butler, Mo. Undergarment.	852,306	Apr. 30	7217	1515-16	127	35 0
Walker, De Witt D., assignor of forty-nine one-hundredths to W. H. Blacow, Irvington, Cal. Hydrocarbon-burner.	856,747	June 11	2574	529	128	23-1
Walker, Frank J., New Rochelle, N. Y. Compositor's bracket-cabinet.	870,601	Nov. 12	1143	312	131	404
Walker, George F., Dexter, Mich. Cup and cup-handle.	845,022	Feb. 19	4570	973	126	3000
Walker, George. (See Walker, Albert E. A., and G.)						
Walker, George, Newton, Mass. Pipe-cleaner.	865,547	Sept. 10	1242	353	130	406
Walker, George, Newton, Mass. Flower or ornament holder for garments.	867,455	Oct. 1	343	99	130	1419
Walker, George, Chicago, Ill. Sawing-machine.	867,322	Oct. 1	140	42	130	1356
Walker, George, assignor to Landers, Frary and Clark, New Britain, Conn. Spring-scale.	846,880	Mar. 12	2343	516	127	627
Walker, George, assignor to Landers, Frary and Clark, New Britain, Conn. Weighing-scale.	850,508	Apr. 16	3641	761-2	127	2591
Walker, George, Newark, N. J., assignor to Rubber and Celluloid Harness Trimming Co. Means for attaching harness-trimmings.	853,568	May 14	2408	502	128	651
Walker, George F., Arroyo, Pa. Compound tool.	868,733	Oct. 22	2421	669	130	2124
Walker, George R., Chicago, Ill. Driving mechanism for automobiles.	866,410	Sept. 17	2559	714	130	8-3
Walker, Henry B., et al. (See Lauderbaugh, William E., assignor.)						
Walker, Henry C. (See Cameron, David G., assignor.)						
Walker, Henry M., Butterworth, Va. Saw-handle.	850,280	Apr. 16	3195	666	127	2476
Walker, Homer. (See Foraker and Walker.)						
Walker, James A. (See Gould, Edwin J., assignor.)						
Walker, James C., Waco, Tex. Rotary engine.	855,028	May 28	5356	1112-13	128	1466
Walker, James C., Waco, Tex. Rotary engine.	866,246	Sept. 17	2312	645	130	783
Walker, James F., Carthage, Mo. Rail and chair.	846,535	Mar. 12	1645	366	127	448
Walker, James H., Milwaukee, Wis. Gas-range.	866,098	Sept. 17	2113	587	130	721
Walker, James J., London, England. Recording music.	872,267	Nov. 26	4456	1059	131	1113
Walker, James R., et al. (See Wilson, Mendal W., assignor.)						
Walker, Jasper N., Marion, Ill. Combined level and plumb.	865,831	Sept. 10	1701	472	130	564
Walker, John. (See Baker, Francis R., assignor.)						
Walker, John, et al. (See Topliff, Francis W., assignor.)						
Walker, John, Brixton, London, England. Writing and sketching block, blotting-pad, &c.	858,639	July 2	496	128	129	173
Walker, John, Jr., Putney, London, England. File, temporary binder, loose-leaf book, and the like.	857,371	June 18	3747	793	128	2714
Walker, John B., New York, N. Y., and A. R. Bond, Plainfield, N. J. Music-sheet.	846,267	Mar. 5	1087	235	127	277
Walker, John B., and A. R. Bond, New York, N. Y. Paper-making machine.	847,857	Mar. 19	4314	947	127	1143
Walker, John H., Lexington, Ky. Trolley-pole catcher.	852,307	Apr. 30	7218	1516	127	3561
Walker, John S., Trenton, N. J. Hoisting apparatus.	853,387	May 14	2066	428	128	562
Walker, Joseph A., et al. (See Bowler, Giles, assignor.)						
Walker, Joseph A., Detroit, Mich. Collapsible core.	870,144	Nov. 5	416	115	131	158
Walker, Joseph H., Grand Rapids, Mich. Casket-handle.	872,034	Nov. 26	4002	961	131	1038
Walker, Lawrence H., assignor to Shaw Walker Company, Muskegon, Mich. Drawer-guide.	874,463	Dec. 24	4412	930	131	1976
Walker, Miles, Hale, Altrincham, England, assignor to Westinghouse Electric & Manufacturing Company. End connection for conductors on field-magnets of alternate-current generators.	865,219	Sept. 3	701	198	130	211
Walker-Pratt Manufacturing Company. (See Goddard, Fred D., assignor.)						
Walker, Ralph E. (See Smith and Reinhold, assignors.)						
Walker, Richard W., Topeka, Kans. Trolley.	849,871	Apr. 9	2461	505	127	2250
Walker, Richard W., assignor of one-fourth to J. L. Harrison, Topeka, Kans. Type-writer.	862,774	Aug. 6	1107	298-9	129	2422
Walker, Robert J., Anderson, Ind. Automatic trolley-retriever.	846,365	Mar. 5	1279	281-2	127	322
Walker, Robert L., et al. (See White, Edwin F., assignor.)						
Walker, Robert L., New York, assignor, by mesne assignments, to M. Green, Boston, Mass., and J. N. Catlow, New York, N. Y., trustees. Blast device.	858,690	July 2	571	148	129	198
Walker, Squire, and A. J. Faulding, assignors to Pollard & Metcalfe Ltd., Bradford, England. Portable stove.	859,030	July 2	1120	298	129	381
Walker, T. J. (See Hughes, Alexander A., assignor.)						
Walker, Thomas C., Jr., Denver, Colo. Crushing-roll for ore, rock, and other material.	856,559	June 11	2212	455	128	2288
Walker, Thomas C., Jr., Denver, Colo. Rotary-die machine for making slotted screens.	856,560	June 11	2215	456	128	2289
Walker, Thomas H., Kansas City, Mo. Automatically-closing valve.	842,279	Jan. 29	5013	1070-1	126	1422
Walker, Thomas M., Brister, Ark. Implement.	862,685	Aug. 6	974	259	129	2383
Walker, Walter, Junction City, Kans. Sanitary system.	860,713	July 23	3697	1012	129	1317
Walker, Walter J., Chicago, Ill. Watch.	843,242	Feb. 5	830	171	126	2005
Walker, William C. (See Mandeville and Walker.)						
Walker, William S., Knoxville borough, Pa. Brush.	863,243	Aug. 13	1852	499	129	2693
Walker, Willis F., York, Pa. Rail-tie and fastener.	839,972	Jan. 1	339	75	126	93
Wall, Ashbel T., East Greenwich, R. I., and O. M. Thowless, Newark, N. J. Antimagnetic device for watches.	849,292	Apr. 2	1348	272	127	1932
Wall, Benjamin, Allendale, N. J., assignor to Metropolitan Engineering Company. Electric sign.	849,586	Apr. 9	1936	396	127	2116
Wall, Enos A., Salt Lake City, Utah. Ore washer or concentrator.	859,354	July 9	1618	432	129	577
Wall, George A., Providence, R. I., and J. H. Derby, Brookline, assignors to Boston Automatic Fire Alarm Company, Boston, Mass. Alarm-gage.	841,743	Jan. 22	3905	846-7	126	1116
Wall, John H., Bristol, R. I. Shoe-dipping machine.	841,361	Jan. 15	3172	683	126	896
Wall, John H., Bristol, R. I. Shoe-dipping machine.	862,526	Aug. 6	716	193	129	2308
Wall, Joshua C., Jr., et al. (See Rockwell, Hubert R., assignor.)						
Wall Paper Manufacturers. (See Sanderson, Harold W., assignor.)						
Wall, Patrick, Ithaca, N. Y. Toe-spreading retainer.	853,327	May 14	1960	405	128	536
Wallace, Andrew B., and H. J. Jones, Masterton, New Zealand. Touch-regulator for pianos.	843,721	Feb. 12	1756	374	126	2268
Wallace, Archie P., Keithsburg, Ill. Cutting button-blanks from shells.	844,064	Feb. 12	2392	512	126	2424

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Wallace, Austin C., Medford, Mass. Goods-separating device.....	848,582	Mar. 26	5728	1253	127	1530
Wallace, Charles R. (See Wilcox, Ray, assignor.)						
Wallace, Charles W., Pittsburg, Pa. Non-refillable bottle.....	864,712	Aug. 27	4088	1137	129	3449
Wallace, E. O. (See Wallace, Fred A., assignor.)						
Wallace, Edward F., Burgess, Miss. Prescription-cabinet.....	853,528	May 14	2333	486	128	632
Wallace, Emily H. L., London, England. Dress-case.....	867,771	Oct. 8	822	235	130	1585
Wallace, Fred A., assignor to E. O. Wallace, Des Moines, Iowa. Pipe-bending tool.....	871,052	Nov. 12	1881	515	131	638
Wallace, Fredrick W., Birmingham, Ala. Swing.....	862,686	Aug. 6	975	259-60	129	2384
Wallace, George J., and F. J. Harhager, Scottsdale, Pa. Floor-cleaning device.....	847,136	Mar. 12	2823	623	127	743
Wallace, George V., Wakefield, assignor to Barclay, Brown and Bird, Incorporated, Boston, Mass. Stocking-protector.....	874,880	Dec. 24	5242	1104	131	2111
Wallace, Herbert A., New York, N. Y., assignor to Union Switch and Signal Company, Swissvale, Pa. Slow-speed circuit-controller.....	863,335	Aug. 13	1977	533	129	2732
Wallace, Ira F., Minneapolis, Minn., and W. L. Kellogg, Sioux City, Iowa. Air-filter.....	840,530	Jan. 8	1502	333	126	430
Wallace, James, assignor of one-half to W. J. Smith, Providence, R. I. Vaginal-syringe.....	859,533	July 9	1872	503	129	660
Wallace, James C., Denver, Colo. Railway-rail joint.....	843,918	Feb. 12	2135	456	126	2363
Wallace, James E., Briceville, Tenn. Automatic feed-water regulator for boilers.....	843,722	Feb. 12	1757	374	126	2268
Wallace, James S., Rockport, Mass. Window-sash clamp.....	875,226	Dec. 31	5974	1244	131	2250
Wallace, John. (See Bowne, John D., assignor.)						
Wallace, John H. (See Speed and Thelen, assignors.)						
Wallace, John M., New Castle, Pa. Wrench.....	855,367	May 28	6003	1253	128	1630
Wallace, John W., Jersey City, N. J. Game apparatus.....	856,118	June 4	1268	267	128	2013
Wallace, Joseph D., Champaign, Ill. Self-cleaning strainer for spraying-machines.....	851,388	Apr. 23	5372	1127	127	3066
Wallace, Roston S., Birmingham, Ala. Air-cleaner for air-brake systems.....	853,137	May 7	1540	320	128	389
Wallace, Thomas L., assignor to E. C. Atkins & Company, Indianapolis, Ind. Saw.....	853,282	May 14	1838	383	128	499
Wallace, Thomas N., assignor of fifteen one-hundredths to J. R. Needham, Centerville, Iowa. Pick for mining or cutting machines.....	851,970	Apr. 30	6566	1368	127	3598
Wallace, William, Liverpool, England. Reversing-gear.....	860,505	July 16	3354	921	129	1173
Wallace, William, Philadelphia, Pa. Electric sign.....	869,468	Oct. 29	3564	977	130	2506
Wallace, William A., L. W. and D. O. Bosley, Gainesville, Tex. Acetylene-gas machine.....	864,215	Aug. 27	3293	913	129	3201
Wallace, William C., Tenafly, N. J., assignor of one-half to John Brown & Company, Limited, Sheffield, England. Air-draft system for steam-boilers.....	871,541	Nov. 19	2950	736	131	847
Wallace, William W., Knoxville, Tenn. Convertible car.....	862,221	Aug. 6	178	49-50	129	2139
Wallen, Nannie L., Chicago, Ill. Shower-bath apparatus.....	865,137	Sept. 3	569	160	130	172
Wallen, Samuel, <i>et al.</i> (See Leford, John E., assignor.)						
Wallenthin, Nils C., Attleboro, Mass. Joint for bracelets.....	868,734	Oct. 22	2422	670	130	2124
Wallenthin, Walfrid, assignor to S. O. Bigney and Company, Attleboro, Mass. Catch for bracelets.....	841,909	Jan. 22	4258	917	126	1205
Wallenthin, Walfrid, assignor to S. O. Bigney and Company, Attleboro, Mass. Bracelet.....	843,243	Feb. 5	831	172	126	2005
Waller, Charles, Seattle, Wash. Apparatus for cutting cable, &c.....	872,312	Nov. 26	4547	1077	131	1128
Wallerstedt, Charles, St. Louis, Mo. Watch-fob.....	843,049	Feb. 5	412	90	126	1897
Wallerstedt, Charles, St. Louis, Mo. Watch-fob.....	843,050	Feb. 5	413	90	126	1897
Wallerstedt, Charles F., St. Louis, Mo. Coin-purse.....	842,037	Jan. 22	4505	968	126	1264
Wallerstedt, Charles F., St. Louis, Mo. Combined watch-fob and match-receptacle.....	842,038	Jan. 22	4506	968	126	1264
Wallerstedt, Hjalmar. (See Hedley, Doyle, and Wallerstedt.)						
Wallerstein, Max, New York, N. Y. Yeast and preparing and utilizing the same.....	858,691	July 2	572	.....	129	198
Wallin Addressing Machine Manufacturing Company. (See Wallin, Gustaf E., assignor.)						
Wallin, Gustaf A., assignor to A. Kimball Company, New York, N. Y. Pin-ticket.....	852,531	May 7	302	55	128	83
Wallin, Gustaf A., New York, N. Y., assignor to A. Kimball Company. Pin-ticket.....	874,809	Dec. 24	5107	1076	131	2089
Wallin, Gustaf E., Pocatello, Idaho, assignor to Wallin Addressing Machine Manufacturing Company, Kansas City, Mo. Linotype-slug receiver.....	873,642	Dec. 10	2721	576	131	1639
Wallin, James E., Edgerton, Wis. Loader.....	842,925	Feb. 5	167	39	126	1832
Walling, Allan C., Newark, N. J. Device for retarding the rebounding action of springs.....	842,732	Jan. 29	6039	1272	126	1686
Walling, George E., assignor to Flint & Walling Manufacturing Company, Kendallville, Ind. Pump-handle connector.....	866,099	Sept. 17	2114	587	130	721
Wallis, Charles W., Los Angeles, Cal. Clothes-hanger.....	861,923	July 30	5584	1542	129	1948
Wallis, Henry E., assignor to Wallis Stoker and Manufacturing Co., Terre Haute, Ind. Arch-hanger for furnaces.....	874,464	Dec. 24	4414	930	131	1976
Wallis, Henry E., assignor to Wallis Stoker and Manufacturing Co., Terre Haute, Ind. Automatic stoker.....	875,020	Dec. 31	5574	1164	131	2183
Wallis, Samuel L., Pasadena, Cal. Dress-skirt.....	874,551	Dec. 24	4614	970	131	2004
Wallis Stoker and Manufacturing Co. (See Wallis, Henry E., assignor.)						
Wallis, Thomas R., Greenville, Miss. Colter-bearing.....	849,948	Apr. 9	2587	537	127	2282
Walloch, Franz, Berlin, Germany. Line-selector for intercommunication telephone apparatus.....	851,266	Apr. 23	5127	1078-9	127	3002
Wallot, Paul, and F. C. Krüger, Hanover, Germany. Rotary engine.....	851,908	Apr. 30	6431	1342	127	3365
Wallrath, Peter, Oxford, Mich. Casket-holder.....	846,073	Mar. 5	732	154	127	187
Walls, James W., Morley, Colo. Automatic car-replacer.....	867,857	Oct. 8	963	275	130	1626
Wallwork, Edward L., <i>et al.</i> (See Thornton, Harry W., assignor.)						
Walquist, Frank W., New York, N. Y., assignor to Schneible Company, Weehawken, N. J. Lining-tube.....	841,744	Jan. 22	3906	847-8	126	1116
Walrath, Abram, and E. L. Traver, Weedsport, N. Y.; said Traver assignor to said Walrath. Silo.....	858,841	July 2	838	218	129	290
Walsh, Charles N. (See Rumely and Walsh.)						
Walsh, Charles N., and W. N. Rumely, Laporte, Ind. Centrifugal governor.....	841,832	Jan. 22	4109	884	126	1170
Walsh, George C. (See Hollingsworth, Joseph C., assignor.)						
Walsh, Harry C. H., Chicago, Ill., assignor to Consolidated Press and Tool Company. Can-soldering machine.....	842,926	Feb. 5	169	39	126	1833
Walsh, Harry C. H., assignor to Consolidated Press and Tool Company, Chicago, Ill. Can-body-side-seaming machine.....	845,988	Mar. 5	543	113-15	127	140
Walsh, Hiram H., Little Ferry, N. J. Brickmaking plant.....	846,536	Mar. 12	1647	366	127	448
Walsh, James A., assignor to Indiana Manufacturing Company, Indianapolis, Ind. Pneumatic straw-stacker.....	872,868	Dec. 3	1163	247	131	1349
Walsh, James D., St. Louis, Mo. Roundabout.....	854,859	May 28	5008	1041	128	1377
Walsh, John M., Henrico county, Va. Fastener for vehicle-curtains and the like.....	855,029	May 28	5360	1113	128	1467
Walsh, Joseph A., Syracuse, N. Y. Protective attachment for traveling-bags, &c.....	851,267	Apr. 23	5129	1079	127	3003
Walsh, Robert A. B., assignor to Mississippi Glass Company, St. Louis, Mo. Making wired glass.....	851,787	Apr. 30	6177	1289	127	3297
Walsh, Thomas, assignor to Swift and Company, Chicago, Ill. Treating bacon, &c.....	849,178	Apr. 2	1145	231-2	127	1881
Walsh, Thomas A., Yonkers, N. Y. Cable-hanger.....	868,511	Oct. 15	2029	569	130	1974
Walsh, Thomas A., Yonkers, N. Y. File-box.....	873,473	Dec. 10	2386	503	131	1583
Walsh, Thomas M., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Electromagnet.....	840,531	Jan. 8	1503	333	126	430
Walsh, Thomas P., Grayslake, Ill., assignor to Wagner Manufacturing Company, Cedar Falls, Iowa. Latch for doors or gates.....	866,543	Sept. 17	2741	767	130	918

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Walsh and Weidner Boiler Company. (See Senter, John F., assignor.)						
Walsh, William E., Morris, Ill. Window-tent.....	840,975	Jan. 8	2370	520	126	646
Walsh, William E., Morris, Ill. Window-tent.....	840,976	Jan. 8	2373	520	126	646
Walsh, William E., Morris, Ill. Window-tent.....	873,971	Dec. 17	3386	721	131	1782
Walsh, William F., Pocatello, Idaho. Folding metallic signal-flag.....	844,637	Feb. 19	3807	805	126	2807
Walsh, William H., Montreal, Quebec, Canada. Automatic car-fender.....	845,442	Feb. 26	5407	1148	126	3250
Walstead, Gustav A., and S. Moe, Chicago, Ill. Machine for printing leaves for books.....	875,638	Dec. 31	6872	1434-5	131	2381
Walston, J. Everett, Lansing, Mich. Fruit and vegetable slicer.....	875,473	Dec. 31	6457	1349	131	2328
Walston, Maria C., Tullahoma, Tenn. Cake-turner.....	849,293	Apr. 2	1350	272	127	1932
Walstrom, Axel M., Minneapolis, Minn. Bath-cabinet.....	873,811	Dec. 17	3067	652	131	1729
Walt, Warren B., Port Providence, Pa. Ratchet-wrench.....	842,039	Jan. 22	4506	968-9	126	1264
Waltmeyer, T. S., et al. (See Wiest, John H., assignor.)						
Walter A. Wood Mowing and Reaping Machine Company. (See Beckett, James A., assignor.)						
Walter, Advil M., Summerton, S. C. Buggy-top supporter.....	855,680	June 4	453	95	128	1812
Walter, Arthur, Naples, Italy. Apparatus for producing sublimed sulfur.....	873,812	Dec. 17	3070	653	131	1730
Walter, Carl C., Philadelphia, Pa. Carbureter.....	871,464	Nov. 19	2784	700-1	131	822
Walter, Charles, New York, N. Y. Siphon-head.....	851,459	Apr. 23	5503	1152	127	3097
Walter, Charles A., assignor to Standard Novelty Works, Duncannon, Pa. Fifth-wheel.....	872,591	Dec. 3	577	120	131	1256
Walter, Charles P., Harrisburg, Pa. Road construction.....	845,910	Mar. 5	389	79	127	100
Walter, Charles P., Harrisburg, Pa. Reinforced concrete construction.....	857,775	June 25	4543	959	128	2946
Walter, George. (See Durkee and Walter.)						
Walter, Harry E., assignor of one-third to R. A. Boswell, Washington, D. C. Window-cleaning device.....	857,263	June 18	3540	749-50	128	2663
Walter, Jeanne, New York, N. Y. Bandage.....	850,281	Apr. 16	3197	666	127	2477
Walter, Lyman P., Mount Carroll, Ill. Roller-bearing.....	839,973	Jan. 1	341	75-6	126	93
Walter R. Johnston Manufacturing Company. (See Johnston, Walter R., assignor.)						
Walter, Robert H., Los Angeles, Cal. Acetylene-gas machine.....	848,331	Mar. 26	5255	1146	127	1414
Walter, Walter P., Stamford, Conn. Adjustable top for launches.....	869,399	Oct. 29	3452	948	130	2472
Walter, William H., Chicago, Ill. Tumbler-washer.....	859,472	July 9	1779	478	129	630
Walter, William H., Chicago, Ill. Liquid-dispensing mechanism.....	864,580	Aug. 27	3888	1078-9	129	3388
Walter, William T., Angleton, Tex. Cotton-chopper.....	841,289	Jan. 15	3013	655	126	852
Walters, Elzie M., Uniontown, Pa. Combination-wrench.....	860,949	July 23	4063	1112	129	1437
Walters, Henry A., Linton, Ind. Vending-machine.....	864,815	Sept. 3	77	22	130	26
Walters, Joseph J., Binghamton, N. Y. Bicycle attachment.....	873,278	Dec. 10	2000	419	131	1516
Walters, Mason. (See Silver, Robert, assignor.)						
Walters, Russell S., Oklahoma, Okla. Round-stick-candy-making machine.....	873,396	Dec. 10	2256	470	131	1557
Walters, Thomas, and J. B. Henderson, Brisbane, Queensland, Australia, assignors to said Walters. Bottle and the like.....	865,832	Sept. 10	1703	472	130	565
Walters, William M., Liverpool, England. Screw-propeller.....	866,544	Sept. 17	2741	767	130	919
Walterskirchen, Richard, Lainsdorf, near Krumpendorf-on-the-Wörthersee, Austria-Hungary. Oar for boats.....	872,158	Nov. 26	4237	1011	131	1079
Waltham Watch Company. (See Church, Duane H., assignor.)						
Waltham Watch Company. (See Ohlson, Olof, assignor.)						
Walther, Herman, Davenport, Iowa. Rotary blower.....	871,837	Nov. 26	3533	865	131	972
Walther, Robert E., Verdau, Germany. Incandescent burner for liquid hydrocarbons.....	855,824	June 4	741	153	128	1882
Walther, Thomas H., Mangatoinoka, New Zealand, assignor to T. W. Potts, Fulham, England. Recreation-vehicle.....	863,563	Aug. 13	2295	628	129	2829
Walton, Alfred, Liscard, England. Bottle-stopper, electrical fitting, and the like.....	857,695	June 25	4387	925-6	128	2907
Walton, Arthur D., and C. H. Anthony, St. James, Mo. Mail-bag catcher and deliverer.....	866,411	Sept. 17	2561	714-15	130	864
Walton, Edgar H., Bay Minette, Ala. Turpentine-hack.....	865,833	Sept. 10	1704	473	130	565
Walton, Frederick, London, England. Wheel for motor and other road vehicles.....	841,290	Jan. 15	3014	655	126	853
Walton, Gilbert G. (See Harris, Samuel J., assignor.)						
Walton, James A., Hull, England. Ticket-printing apparatus.....	875,139	Dec. 31	5804	1211	131	2222
Walton, John G., Coleman, Mich. Stand for propping plants.....	871,901	Nov. 26	3672	896	131	994
Walton, Ralph, Warsaw, Ind. Mucilage-bottle.....	872,268	Nov. 26	4461	1060	131	1114
Walton, Samuel T., Brooklyn, N. Y. File-cabinet.....	846,881	Mar. 12	2344	516	127	627
Waltz, Ezra W., Linden, Pa. Overshoe-clamp.....	846,216	Aug. 27	3295	914	129	3202
Waltz, Orvis D., Tacoma, Wash. Vapor-bath apparatus.....	864,052	Aug. 20	3032	838	129	3091
Waltz, Thomas, Newton, Ill. Globe, angle, and check valve.....	857,321	June 18	3646	773	128	2690
Walworth, Arthur C., Jr., Newton, Mass. Pipe-fitting.....	869,340	Oct. 29	3357	925	130	2441
Walworth Run Foundry Company. (See Nicolaus, Frederic G., assignor.)						
Walzl, John H., Baltimore, Md. Means for frost-proofing concrete walls.....	869,280	Oct. 29	3248	895	130	2409
Wambsgans, Jacob, Peoria, and W. H. Wambsgans, Aurora, Ill. Valve.....	856,005	June 4	1080	224	128	1967
Wambsgans, William H. (See Wambsgans, Jacob and W. H.)						
Wamhoff, George, Jr., assignor to M. B. S. Wamhoff, Pittsburg, Pa. Ventilator for window and door lights.....	809,118	Oct. 22	2994	827	130	2302
Wamhoff, May B. S. (See Wamhoff, George, Jr., assignor.)						
Wanamaker, Charles B. (See Leedy and Wanamaker.)						
Wanamaker, Charles B., and U. C. Leedy, assignors to Leedy Manufacturing Company, Indianapolis, Ind. Clamp for drum attachments.....	849,517	Apr. 9	1808	367	127	2085
Wandell, James W., Philadelphia, Pa. Harrow.....	875,474	Dec. 31	6458	1349	131	2328
Wanderer Fahrradwerke, vorm. Winkhofer & Jaenicke. (See Mohns, Carl J., assignor.)						
Wandersleb, Ernst. (See Rudolph and Wandersleb.)						
Wands, John C., St. Louis, Mo. Shock-absorbing device.....	845,149	Feb. 26	4826	1024	126	3107
Wands, John C., St. Louis, Mo. Shock-absorbing device.....	845,150	Feb. 26	4827	1024	126	3108
Wands, John C., St. Louis, Mo. Packing device for water-gages.....	868,377	Oct. 15	1826	514	130	1911
Wanee, George. (See Schafer and Wanee.)						
Wangemann, Adelbert T. E., assignor to New Jersey Patent Company, West Orange, N. J. Tone-purifier.....	872,592	Dec. 3	579	120-1	131	1257
Wangerin, Elmer, et al. (See Lauber, William, assignor.)						
Wantz, Julius B., assignor to Victor Electric Company, Chicago, Ill. Surgical eye-magnet appliance.....	843,979	Feb. 12	2235	478	126	2388
Wantz, Julius B., assignor to Victor Electric Company, Chicago, Ill. Electric motor.....	844,701	Feb. 19	3948	837	126	2842
Wantz, Julius B., assignor to Victor Electric Company, Chicago, Ill. Electric sterilizer.....	853,318	May 21	3940	814	128	1080
Wantz, Julius B., assignor to Victor Electric Company, Chicago, Ill. Therapeutic lamp.....	870,262	Nov. 5	610	163-4	131	199
Wantzen, Anton, London, England. Coin-controlled ticket-issuing machine.....	846,766	Mar. 12	2103	462	127	565
Wappler, Reinhold H., New York, N. Y. Illuminable speculum.....	849,344	Apr. 2	1452	295	127	1957
Wappler, Reinhold H., New York, N. Y. Electrical contact-joint.....	856,321	June 11	1718	357	128	2163
Wappler, Reinhold H., New York, N. Y. Interrupter apparatus.....	863,955	Aug. 20	2895	797	129	3050
Wappler, Reinhold H., New York, N. Y. Cystoscope.....	874,810	Dec. 24	5108	1076	131	2089
Wappler, Reinhold H., and C. F. Fayer, New York, N. Y. Interrupter for electric circuits.....	861,783	July 30	5379	1484-5	129	1886
Ward, Abraham D., Denver, Colo. Horseshoe.....	805,960	Sept. 10	1882	527	130	617
Ward, Albert W., New York, N. Y. Molder and cutter for butter and analogous substances.....	867,772	Oct. 8	823	235	130	1585
Ward, Bernard L., Ottumwa, Iowa. Shelf-tongs.....	850,409	Apr. 16	3441	721	127	2541

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Ward, Bernard L., Ottumwa, Iowa. Shelf-tongs.....	858,492	July 2	222	52	129	82
Ward, Bruce R., Fort Kent, Me. Wrench.....	870,485	Nov. 5	964	264	131	313
Ward, Charles E. (See Keefer and Ward.)						
Ward, Daniel O., Oak Park, Ill. Composite brake-shoe.....	846,707	Mar. 12	1983	436	127	533
Ward, Dell, Grand Rapids, assignor of four-fifths to J. Kelsey, H. J. Herbert, Detroit, J. R. Taylor, Grand Rapids, Mich., and W. W. Johnson, Chicago, Ill. Attachment for vehicle-wheels.....	849,031	Apr. 2	828	170	127	1799
Ward, Dell, Grand Rapids, assignor of four-fifths to J. Kelsey, H. J. Herbert, Detroit, J. R. Taylor, Grand Rapids, Mich., and W. W. Johnson, Chicago, Ill. Vehicle-wheel.....	857,546	June 18	4085	867	128	2800
Ward, Edgar P., and A. H. Herron, St. Louis, Mo. Mechanical vibrator.....	856,378	June 11	1866	384	128	2202
Ward, Ellis F., Philadelphia, Pa. Oar-lock.....	868,378	Oct. 15	1826	515	130	1911
Ward, Francis E., New York, N. Y. Box.....	870,398	Nov. 5	844	224	131	278
Ward, Frank A., Los Angeles, Cal. Air-purifier.....	871,652	Nov. 19	3143	780	131	881
Ward, G. T. (See Short, William A., assignor.)						
Ward, George H., New York, N. Y. Machine for distributing printers' leads.....	860,166	July 16	2842	776-7	129	1006
Ward, George H., New York, N. Y. Machine for distributing printers' leads.....	860,167	July 16	2845	777	129	1007
Ward, George H., Brooklyn, N. Y. Apparatus for boring cylinders.....	865,548	Sept. 10	1243	353-4	130	406
Ward, George R., New York, N. Y. Traveling ladle-crane.....	866,247	Sept. 17	2313	646	130	784
Ward, George S., Pittsburg, Pa. Cake-machine.....	852,208	Apr. 30	7052	1472-4	127	3520
Ward, Helen L. (See Newman, Evalyn M., assignor.)						
Ward, Henry C., Chippewa Lake, Mich. Playing-cards.....	855,681	June 4	454	95	128	1812
Ward, James R., Detroit, Mich. Adjustable splint.....	850,610	Apr. 16	3829	800	127	2639
Ward, John. (See Lemoine, David, assignor.)						
Ward, John, et al. (See Lemoine, David, assignor.)						
Ward, John A., Nowata, Ind. Ter. Animal-trap.....	840,673	Jan. 8	1777	391	126	498
Ward, John D., Tulsa, Ind. Ter. Drafting-compasses.....	868,735	Oct. 22	2423	670	130	2125
Ward, John E., Hill City, Tenn. Crown top for grates.....	842,040	Jan. 22	4508	969	126	1264
Ward, Joseph A., Lockport, N. Y. Book or pamphlet.....	856,748	June 11	2576	529	128	2382
Ward, Lloyd W., assignor of one-half to W. S. O'Brien, Buckhannon, W. Va. Thill-coupling.....	843,723	Feb. 12	1760	374	126	2269
Ward, Lloyd W., assignor of one-half to W. S. O'Brien, Buckhannon, W. Va. Thill-coupling.....	843,724	Feb. 12	1761	375	126	2269
Ward, Paul S., Covington, Ky., assignor to Superior Tool and Supply Company, Cincinnati, Ohio. Dough-dividing machine.....	842,596	Jan. 29	5721	1209	126	1608
Ward, Paul S., Covington, Ky., assignor to J. H. Day Company, Cincinnati, Ohio. Machine for cutting crackers and the like.....	865,461	Sept. 10	1088	310	130	261
Ward, William N., assignor to Yale Safety Razor Co., Chicago, Ill. Safety-razor.....	868,588	Oct. 15	2172	606	130	2023
Ward, William N., assignor to Yale Safety Razor Company, Chicago, Ill. Holder for safety-razor blades.....	869,757	Oct. 29	4021	1110	130	2643
Ward, William S., assignor to H. D. Smith and Company, Plantsville, Conn. Making drawing-knives.....	847,137	Mar. 12	2824	624	127	744
Ward, William S., assignor to H. D. Smith & Company, Plantsville, Conn. Forged-steel hammer.....	855,079	May 28	5483	1137	128	1499
Ward, Z. F., et al. (See Phipps, Moses L., assignor.)						
Wardell, Henry R., assignor to Barber Asphalt Paving Company, Philadelphia, Pa. Compound roofing-sheet.....	851,331	Apr. 23	5257	1102	127	3037
Wardell, John C. (See Richardson, John F., assignor.)						
Warden, William F., Akron, Ohio. Ventilator.....	846,074	Mar. 5	733	154	127	187
Wardner, Ralph L., Nevada, Mo. Medicine-dose indicator.....	867,323	Oct. 1	141	42	130	1356
Wardner, Charles A., Brushton, N. Y. Telephone system.....	849,032	Apr. 2	829	171	127	1799
Wardwell, Simon W. (See Parks and Wardwell.)						
Wardwell, Simon W., Providence, R. I. Tension device.....	849,295	Apr. 2	1353	273	127	1933
Wardwell, Simon W., Providence, R. I. Detector device.....	849,296	Apr. 2	1356	273	127	1933
Wardwell, Simon W., Providence, R. I., assignor, by mesne assignments, to Commonwealth Trust Company, trustee. Winding device.....	869,604	Oct. 29	3789	1036	130	2575
Ware, Elmer G., Emporia, Kans. Granary.....	849,294	Apr. 2	1351	273	127	1932
Ware, Joseph L., St. Paul, Minn. Harrow.....	844,764	Feb. 19	4089	871-2	126	2880
Ware, Lucien B., Philadelphia, Pa. Paper-fastener.....	860,426	July 16	3238	886	129	1133
Ware, Ora, Muskogee, Ind. Ter. Powder-compacting device for druggists.....	856,006	June 4	1082	225	128	1967
Ware, Rodney B., Brooklyn, N. Y. Mechanical movement.....	847,858	Mar. 19	4318	947	127	1144
Ware, Rodney B., Brooklyn, N. Y. Crimping mechanism.....	860,950	July 23	4064	1112-13	129	1437
Ware & Viquesney et al. (See Nicewarner, Theodore G., assignor.)						
Wareing, Arthur E. (See Raschen, Wareing, and Shores.)						
Warele, Antone F., Jackson, Mich., assignor to J. M. Shaffer. Thill-coupling.....	869,758	Oct. 29	4022	1111	130	2643
Wares, James, and A. Holman, Chicago, Ill. Faucet.....	844,065	Feb. 12	2394	513	126	2424
Warfield, Reuben D., Gaithersburg, Md. Fire-escape.....	839,974	Jan. 1	342	76	126	94
Waring, Edward M., New York, N. Y. Electric cloth-cutting machine.....	858,092	July 2	574	148-9	129	199
Waring, Edward M., New York, N. Y. Electrical cloth-cutting machine.....	803,956	Aug. 20	2896	797	129	3051
Waring, Nicholas, Rochester, N. Y. Potato-planter.....	865,549	Sept. 10	1245	354	130	407
Waring, Samuel F., Brooklyn, N. Y. Base-ball mitt.....	866,895	Sept. 24	3280	923	130	1123
Wark, William J. (See Williamson, John B., assignor.)						
Warman, William A. (See Cochrane and Warman.)						
Warman, William A. (See Keller and Warman.)						
Warman, William A., assignor to Keller Mechanical Engraving Company, New York, N. Y. Turbine-motor.....	848,417	Mar. 26	5424	1183	127	1455
Warman, William A., assignor to Keller Mechanical Engraving Company, New York, N. Y. Turbine-motor.....	850,196	Apr. 16	3046	638	127	2435
Warne, George, Omaha, Nebr. Ditching-machine.....	871,011	Nov. 12	1820	497	131	619
Warner, Alonzo A., assignor to Landers, Frary & Clark, New Britain, Conn. Safety-razor.....	842,927	Feb. 5	173	40	126	1834
Warner, Alonzo A., assignor to Landers, Frary & Clark, New Britain, Conn. Safety-razor.....	842,928	Feb. 5	174	40	126	1834
Warner, Alonzo A., assignor to Landers, Frary and Clark, New Britain, Conn. Sad-iron.....	844,638	Feb. 19	3809	806	126	2807
Warner, Alonzo A., assignor to Landers, Frary and Clark, New Britain, Conn. Perculator.....	860,272	July 16	3004	822	129	1057
Warner, Alonzo A., assignor to Landers, Frary and Clark, New Britain, Conn. Perculator.....	860,273	July 16	3005	822	129	1058
Warner, Arthur L., Moline, Ill., assignor to Koob Dumping Wagon Company. Dumping-wagon.....	873,397	Dec. 10	2257	471	131	1557
Warner, Arthur P., and A. B. Cadman, assignors to Warner Instrument Company, Be- loit, Wis. Gear.....	840,977	Jan. 8	2375	521	126	647
Warner, C. Frederick, deceased; R. L. Warner, administrator, Rockford, Ill. Support for electric switchboards.....	856,666	June 11	2424	499	128	2341
Warner, Charles E., West Fitchburg, assignor of one-half to G. H. Crocker, Fitchburg, Mass. Sand-trap.....	860,714	July 23	3698	1013	129	1317

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Warner, Charles R., Portland, Oreg. Welsbach-mantle holder.....	873,690	Dec. 10	2813	600	131	1656
Warner, Charles W., Middletown, Conn. Spare-tire holder.....	858,769	July 2	701	185	129	244
Warner, Clarence M., Cambridge, Ill. Voting-machine.....	839,975	Jan. 1	344	76-7	126	94
Warner, Clarence M., Cambridge, Ill. Voting-machine.....	872,703	Dec. 3	800	167-8	131	1295
Warner, Clarence M., Cambridge, Ill. Voting-machine.....	872,704	Dec. 3	803	168-9	131	1295
Warner Clutch Company. (See Warner, Edward P., assignor.)						
Warner, Daniel, Bronson, and H. Kitchel, assignors to American Auto Wheel Company, Coldwater, Mich. Spring-wheel.....	870,602	Nov. 12	1145	312	131	405
Warner, Edward O., Haverford, Pa., assignor to Latrobe Steel and Coupler Company, Camden, N. J. Car-coupling.....	854,444	May 21	4184	867	128	1142
Warner, Edward P., Chicago, Ill., assignor, by mesne assignments, to Warner Clutch Company. Power-transmission device.....	863,680	Aug. 20	2476	683	129	2918
Warner, Edward P., Chicago, Ill., assignor, by mesne assignments, to Warner Clutch Company. Power-transmission device.....	865,138	Sept. 3	570	160	130	172
Warner, Edward P., Chicago, Ill., assignor, by mesne assignments, to Warner Clutch Company. Power-transmission device.....	867,324	Oct. 1	141	42-3	130	1356
Warner, Frank O., Baltimore, Md. Clock mechanism for signals.....	854,066	May 21	3467	715	128	956
Warner Instrument Company. (See Warner and Cadman, assignors.)						
Warner, James L., Girard, Kans. Violin-piano.....	870,702	Nov. 12	1314	359-60	131	462
Warner, Joseph N., St. Paul, Minn. Feed device for lathes.....	863,681	Aug. 20	2478	684	129	2919
Warner, Robert B. (See Warner, Samuel C. and R. B.)						
Warner, Roe P., Decatur, Mich. Root-planting machine.....	841,833	Jan. 22	4111	884-5	126	1171
Warner, Romaine L., administratrix. (See Warner, C. Frederick.)						
Warner, Samuel C. and R. B., Holyoke, Mass.; said Robert B. Warner assignor to said Samuel C. Warner. Paper-finishing machine.....	853,610	May 14	2499	519	128	676
Warner & Swasey Company. (See Pearson, James, assignor.)						
Warner & Swasey Company. (See Swasey, Ambrose, assignor.)						
Warner, Theodore M., Albany, N. Y. Safety device and guard for water-glasses and sight-lubricators.....	863,010	Aug. 13	1467	399	129	2572
Warner, Thomas A., Cambridge, assignor of one-third to G. F. Hutton, Gloucester, Mass. Planing-machine.....	843,244	Feb. 5	832	172	126	2005
Warner, William R., Vergennes, Vt. Bottle-closure.....	848,521	Mar. 26	5609	1227	127	1500
Warner, William R., Vergennes, Vt. Syrup-bottle.....	852,360	Apr. 30	7328	1540	127	3589
Warnken, Congdon, Coffor Company. (See Warnken, George L., assignor.)						
Warnken, George L., Tutletown, assignor of two-fourths to C. E. Congdon and L. L. Coffor, Jamestown, Cal. Pneumomical apparatus.....	850,156	July 2	1302	346	129	439
Warnken, George L., assignor to Warnken, Congdon, Coffor Company, Jamestown, Cal. Hygrometer.....	872,593	Dec. 3	581	121	131	1257
Warnock, Nicholas L., Ashford, Ala. Bolt-tightener for sawmill feed mechanisms.....	850,698	Apr. 16	4020	840	127	2688
Warren, Admiral J., Kansas City, Mo. Brush-handle socket.....	855,600	June 4	299	62	128	1772
Warren, Basil A., La Salle, Colo. Chloroform-dropper.....	859,157	July 2	1304	347	129	439
Warren, C. L., et al. (See Currie, Neil, assignor.)						
Warren, Charles, assignor to Artista Piano Player Company, Milan, Ill. Winding mechanism for spring-motors.....	847,138	Mar. 12	2825	624	127	744
Warren, Charles, assignor of one-half to J. Clensy, Salem, Ind. Railway-track gage, tie adjuster, holder, and curve-elevator.....	862,775	Aug. 6	1108	299	129	2422
Warren, Charles H., Boston, Mass. Nut-lock.....	860,168	July 16	2847	777	129	1007
Warren & Company, S. D. (See Warren, John E., assignor.)						
Warren, Edwin, Chicago, Ill. Hose-supporter.....	868,044	Oct. 15	1314	366	130	1758
Warren Electric Manufacturing Company. (See Crocker, Eben C., assignor.)						
Warren Featherbone Company. (See Bachman, Lucile A., assignor.)						
Warren Featherbone Company. (See Chamberlain, Frederic W., assignor.)						
Warren Featherbone Company. (See Hosac, Mary J., assignor.)						
Warren, Frank D., Boston, Mass. Boiler-setting.....	875,475	Dec. 31	6460	1349-50	131	2328
Warren, Fred C. (See Miner, William H., assignor.)						
Warren, Frederick C., and W. H. Preston, Valley Junction, Wis.; said Preston assignor to said Warren. Fruit-jar and can closure.....	847,976	Mar. 19	4569	1004	127	1203
Warren, George F. (See Lamson and Warren.)						
Warren, Harry H., assignor of one-half to W. P. Warren, Sheridan, Ill. Grain-tally.....	869,150	Oct. 22	3050	841-2	130	2320
Warren, Henry E., Newton, and I. B. Dodge, assignors to Lombard Governor Company, Ashland, Mass. Relief-valve.....	862,859	Aug. 6	1246	337	129	2465
Warren, Isaac H. (See Moulton, Delos, assignor.)						
Warren, James I., Ottumwa, Iowa. Lubricator.....	845,209	Feb. 26	4946	1050	126	3138
Warren, John E., Westbrook, Me., assignor to S. D. Warren & Company. Beating-engine.....	860,169	July 16	2849	777	129	1008
Warren, Peter R., Brookline, assignor to P. R. Warren Company, Boston, Mass. Knock-down display-stand.....	844,066	Feb. 12	2397	513	126	2425
Warren, Peter R., Brookline, assignor to P. R. Warren Company, Boston, Mass. Box for candy and other articles.....	872,594	Dec. 3	583	121	131	1257
Warren, Philander F., assignor of one-half to M. C. Atkinson, Maxwell, Tenn. Hay-press.....	862,036	July 30	5741	1595	129	1996
Warren, Robert L., Wardell, Mo. Wire-fence tool.....	848,943	Apr. 2	675	136	127	1760
Warren, Robert M., Bearden, Tenn. Plow.....	842,280	Jan. 29	5018	1071	126	1425
Warren, Samuel E., Eureka, Cal. Fruit-press.....	871,653	Nov. 19	3145	780-1	131	881
Warren, Samuel H., Hurricane, Tenn. Railway-tie.....	863,682	Aug. 20	2481	685	129	2920
Warren, Walter M., et al. (See Flatau, Louis S., assignor.)						
Warren Webster & Company. (See Fitts, James L., assignor.)						
Warren, William F., Ardmore, Ind. Ter. Cattle food.....	842,281	Jan. 29	5020		126	1425
Warren, William P. (See Warren, Harry H., assignor.)						
Warren, William R., New York, N. Y. Rotary kiln.....	847,859	Mar. 19	4322	948	127	1145
Warren, William R., New York, N. Y. Rotary kiln.....	847,860	Mar. 19	4323	948	127	1146
Warren, William R., New York, N. Y. Rotary kiln.....	847,861	Mar. 19	4324	948	127	1146
Warren, William R., New York, N. Y. Rotary kiln.....	847,862	Mar. 19	4324	948	127	1146
Warren, William R., New York, N. Y. Rotary kiln.....	864,816	Sept. 3	79	23	130	27
Warren, William R., New York, N. Y. Clutch.....	870,263	Nov. 5	612	164	131	200
Warrington, Jesse, assignor to Nordyke & Marmon Company, Indianapolis, Ind. Gyration sifter.....	858,930	July 2	968	252	129	332
Warrington, Jesse, and H. C. Marmon, assignors to Nordyke & Marmon Company, Indianapolis, Ind. Running-gear for motor-vehicles. (Reissue).....	12,609	Feb. 12	2920	621	126	2557
Warshilsky Harry, assignor to E. Goldman & Company, Chicago, Ill. Bottle-washer brush.....	872,595	Dec. 3	584	122	131	1258
Warshilsky, Harry, assignor to E. Goldman & Company, Chicago, Ill. Bottle-washer brush.....	872,596	Dec. 3	585	122	131	1258
Warsop, Thomas, Coniston, England. Rock-drill and other percussion tool.....	870,653	Nov. 12	1243	337	131	440
Warsop, Thomas, Coniston, England. Rock-drill and other percussion-tool.....	873,813	Dec. 17	3072	653-4	131	1730
Warth, Nathaniel G., Columbus, Ohio. Telephonic-current reinforcer or repeater system.....	845,282	Feb. 26	5102	1083	126	3177

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Warth, Nathaniel G., Columbus, Ohio. Amusement apparatus.....	852,149	Apr. 30	6945	1450	127	3492
Warth, Nathaniel G., Columbus, Ohio. Telephone repeater system.....	864,713	Aug. 27	4089	1137	129	3450
Warthen, Harry J., Washington, D. C. Switch-box.....	867,624	Oct. 8	613	173	130	1521
Warthen, Harry J., assignor of two-thirds to A. J. Hurley and W. A. Reiss, Washington, D. C. Electric signaling system for railways.....	870,145	Nov. 5	417	116	131	138
Warther, Joseph G. (See Breed and Warther.)						
Warwick, George T., Springfield, Mass. Screw-machine.....	842,282	Jan. 29	5021	1071-3	126	1425
Warwick, George T., Springfield, Mass. Wrapping-machine.....	858,044	June 25	5102	1081-2	128	3085
Warwick, George T., Springfield, Mass. Machine for wrapping oranges and other spherical objects.....	867,176	Sept. 24	3724	1053-4	130	1263
Warwick, Harold C., San Francisco, Cal. Lock.....	849,587	Apr. 9	1937	396	127	2117
Warwick, Jay T., Hamilton, Ohio. Combination hay-rack and wagon-body.....	841,745	Jan. 22	3908	848	126	1117
Warwick, John F., Chicago, Ill. Tile construction.....	871,838	Nov. 26	3535	865	131	973
Warwick Knife Company. (See Cryer, James, assignor.)						
Wash, James W., Lawrenceburg, Ky. Strain-equalizer.....	850,080	Apr. 9	2809	589	127	2335
Washburn, Judson S. (See Lawrence, George V., assignor.)						
Washburn, Edgar. (See Colburn and Washburn.)						
Washburn, Herbert I., Overbrook, N. J., assignor to General Electric Company. Dial-switch for regulating transformers.....	861,004	July 23	4163	1140-1	129	1468
Washburn, John E., Egmont, Fla. Electromagnet.....	843,919	Feb. 12	2137	456	126	2313
Washburn, Montross, Ossining, and R. D. Granger, Brooklyn, N. Y. Meter for weighing coal, grain, and like material.....	869,999	Nov. 5	202	54	131	72
Washburn, Montross, Ossining, and R. D. Granger, New York, N. Y. Furnace-grate.....	872,869	Dec. 3	1165	247-8	131	1349
Washburn, Robert, Harrison, Ontario, Canada. Sash-lifter.....	847,627	Mar. 19	3849	841	127	1032
Washer, Peter S. (See Wright, John, assignor.)						
Washick, Joseph A., Chicago, Ill. Cement closet-tank.....	859,418	July 9	1712	456	129	607
Washington, Dixon E., assignor of one-half to John F. Tippet, Chicago, Ill. Submarine amusement device.....	868,736	Oct. 22	2424	670	130	2125
Washington Loan & Trust Company. (See Gates, Elmer, assignor.)						
Wassam, Frank F. (See Ford and Wassam.)						
Wasser, Carl. (See Schapler and Wasser.)						
Wassmann, August. (See Low and Wassmann.)						
Wasson, Byron F., Clinton, Ill. Wire-reel.....	875,476	Dec. 31	6461	1350	131	2329
Wasson, Charles W., Friendship, and J. W. Hutchings, assignors to Wasson Stanchion Company, Cuba, N. Y. Stanchion-assembling apparatus.....	844,218	Feb. 12	2699	576	126	2502
Wasson Stanchion Company. (See Wasson and Hutchings, assignors.)						
Wat Engine Company. (See Turnbull, Luke W., assignor.)						
Waterbury Buckle Co. (See Buchanan, John J., assignor.)						
Waterbury Buckle Co. (See Maltby, Julius, assignor.)						
Waterbury Buckle Company. (See Maltby and Buchanan, assignors.)						
Waterbury Buckle Company. (See Peller, Morris, assignor.)						
Waterbury Buckle Company. (See Smith, Dwight L., assignor.)						
Waterbury Buckle Company. (See Webb, Charles M., assignor.)						
Waterbury Button Company. (See Goodwin, Charles H., assignor.)						
Waterbury Clock Co. (See Bavier, Adolphus, assignor.)						
Waterbury Clock Co. (See Horn, Ernest H., assignor.)						
Waterbury Clock Co. (See Lux, Paul, assignor.)						
Waterbury Clock Co. (See Sloan, Samuel, assignor.)						
Waterbury Crucible Company. (See Knight, Samuel, assignor.)						
Waterbury, Emery D., Sawtelle, Cal. Milk-can opener and seal.....	868,512	Oct. 15	2029	569	130	1974
Waterbury Farrell Foundry and Machine Company. (See Lamb and Griggs, assignors.)						
Waterbury Farrel Foundry and Machine Company. (See Lamb, Griggs, and Smith, assignors.)						
Waterbury, George H., Denver, Colo., assignor to Los Angeles Metals Extraction Company, Los Angeles, Cal. Treatment of silicate of copper.....	847,448	Mar. 19	3469		127	933
Waterbury Mfg. Co. (See Perkins, Walter H., assignor.)						
Waterhouse, Addison G., Good Ground, N. Y. Apparatus adapted for collecting and cultivating shell-fish.....	851,332	Apr. 23	5259	1102	127	3037
Waterhouse, Charles N., St. Louis, Mo. Combined spindle and vehicle-wheel axle-box.....	865,139	Sept. 3	571	160	130	173
Waterloo Gasoline Engine Company. (See Witry, Louis W., assignor.)						
Waterloo Spreader Manufacturing Company. (See Smith, Charles W., assignor.)						
Waterman, Albert, New York, N. Y. Marker for bust-forms.....	843,378	Feb. 5	1087	225	126	2065
Waterman, Bradford B. (See Gurney and Waterman.)						
Waterman, Bradford B., East Bridgewater, Mass., assignor to American Shoe Finding Company. Machine for tacking shoe-shanks.....	842,984	Feb. 5	275	60-1	126	1859
Waterman, Cameron B., assignor to Waterman Marine Motor Company, Detroit, Mich. Boat-propelling device.....	851,389	Apr. 23	5374	1127	127	3066
Waterman, Edwin R., San Francisco, Cal. Electric heater.....	844,979	Feb. 19	4470	954	126	2976
Waterman, Frank W., assignor to Continental Jar and Bottle Stopper Company, Baltimore, Md. Machine for press-forming fiber dishes.....	843,854	Feb. 12	2000	429	126	2328
Waterman, Frank W., assignor of two-thirds to H. E. Gibson and F. T. Dorton, Baltimore, Md. Coin-controlled liquid-vending apparatus.....	846,366	Mar. 5	1281	282	127	323
Waterman, Henry. (See Steskel, John, assignor.)						
Waterman, Joseph E., Ottawa, Ill. Garment-fastener.....	844,486	Feb. 19	3269	706	126	2682
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Seeding-machine.....	844,429	Feb. 19	3144	675-6	126	2652
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Seeding-machine.....	844,639	Feb. 19	3810	806	126	2808
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Cultivator.....	848,789	Apr. 2	349	70	127	1678
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Seeding-machine.....	848,790	Apr. 2	351	70	127	1679
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Cultivator.....	850,861	Apr. 16	4327	907	127	2765
Waterman, Lewis E., assignor to Emerson Manufacturing Company, Rockford, Ill. Harrow-disk.....	874,268	Dec. 17	4039	853	131	1879
Waterman Marine Motor Company. (See Waterman, Cameron B., assignor.)						
Waterproof Welt and Filler Company. (See Reynolds, John R., assignor.) (Reissue.)						
Waters, Benjamin F., Dover, N. C. Boat.....	872,870	Dec. 3	1167	248	131	1349
Waters, Daniel F., Philadelphia, Pa. Dyeing-machine.....	872,597	Dec. 3	586	122-3	131	1258
Waters, George A., Eldorado, Ill. Horse-detacher.....	857,128	June 18	3287	693	128	2599
Waters, Hattan A., et al. (See Harris, Jefferson D., assignor.)						
Waters, Minor, New Albany, Ind. Switch-rail connection.....	862,950	Aug. 13	1381	376	129	2543
Waters, William L., assignor to National Brake & Electric Company, Milwaukee, Wis. Commutator.....	853,283	May 14	1840	384	128	500

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Waters, William L., assignor to National Brake & Electric Company, Milwaukee, Wis. Elastic-fluid turbine.....	853,284	May 14	1841	384-5	128	500
Waters, William L., assignor to National Brake & Electric Company, Milwaukee, Wis. Dynamo-electric machine.....	853,285	May 14	1846	385	128	500
Waters, William L., assignor to National Brake & Electric Company, Milwaukee, Wis. Motor-compressor.....	861,488	July 30	4927	1353-4	129	1747
Waters, William L., assignor to National Brake & Electric Company, Milwaukee, Wis. Dynamo-electric machinery.....	862,776	Aug. 3	1109	299	129	2422
Waters, William L., assignor to National Brake & Electric Company, Milwaukee, Wis. Brush-holder.....	862,951	Aug. 13	1382	376	129	2544
Waters, William R. (See Barry, Waters, and Kefflo.)						
Waters, William R. (See Tyler, George B., assignor.)						
Waters, Willie K., Buffalo, N. Y. Burial-vault.....	843,314	Feb. 5	980	201	126	2038
Watkins, Alfred, and C. G. Woodhead, Hereford, England. Appliance for adjusting and working iris diaphragms of photographic cameras.....	871,654	Nov. 19	3146	781	131	881
Watkins, Benjamin G., assignor of one-third to J. A. Pollard, Jr., Nehawka, Nebr. Trolley-switch.....	845,912	Mar. 5	393	80	127	101
Watkins, David M., Providence, R. I. Safety device.....	851,909	Apr. 30	6433	1342	127	1365
Watkins, Frank E., et al. (See Sanders, John C., assignor.)						
Watkins, George, et al. (See Chew, Benjamin A., assignor.)						
Watkins, Harry, and D. C. Dye, Utica, N. Y. Saw-setting machine.....	839,909	Jan. 1	216	47	126	61
Watkins, Isaac, Hartford, Conn. Latch for burglar-alarms.....	848,710	Apr. 2	183	38	127	1634
Watkins, James L. (See Binney and Watkins.)						
Watkins, John B., St. Louis, Mo. Grain and seed huller.....	806,100	Sept. 17	2115	588	130	722
Watkins, John E., assignor of one-half to A. H. Burchfield, Pittsburg, Pa. Attachment for vices.....	858,043	June 25	5101	1080	128	3085
Watkins, John W., assignor to David Lupton's Sons Company, Philadelphia, Pa. Sheet-metal window-sash.....	865,834	Sept. 10	1705	473	130	566
Watkins, John W., assignor to David Lupton's Sons Company, Philadelphia, Pa. Safety-catch for pivoted closures.....	865,835	Sept. 10	1707	474	130	566
Watkins Manufacturing Co. (See Watkins, William D., assignor.)						
Watkins, Orla H., Ames, Iowa. Reclining-chair.....	845,913	Mar. 5	395	80	127	102
Watkins, Robert L., New York, N. Y. Hemoglobinometer.....	871,542	Nov. 19	2951	737	131	847
Watkins, Thestor O., Hattiesburg, Miss. Running-gear or wagons.....	862,222	Aug. 6	181	50-1	129	2139
Watkins, William D., assignor to Watkins Manufacturing Co., San Jose, Cal. Telephone selecting apparatus.....	859,534	July 9	1874	503-4	129	661
Watkins, William D., assignor of one-half to J. P. Key, San Jose, Cal. Clothes-pin.....	870,703	Nov. 12	1316	360	131	463
Watling, Arthur. (See Bryant and Watling.)						
Watres, Lewis S., assignor of fifty-one one-hundredths to R. C. Adams, Scranton, Pa. Brake.....	853,848	May 14	2991	614-15	128	799
Watrous, Earl G., Chicago, Ill. Floor connection for water-closets.....	842,363	Jan. 29	5205	1106	126	1474
Watrous, Earl G., Chicago, Ill. Water-closet.....	870,000	Nov. 5	203	54-5	131	72
Watrous, Earl G., Chicago, Ill. Automatic flushing-valve.....	870,916	Nov. 12	1663	458	131	571
Watrous, Earl G., Chicago, Ill. Lavatory.....	873,915	Dec. 17	3272	699	131	1763
Watrous, John N., Thomaston, Conn. Combined blind hinge and fastener.....	868,236	Oct. 15	1590	451	130	1841
Watson, Arthur F., Cheboygan, Mich. Blotter-holder.....	842,041	Jan. 22	4509	969	126	1265
Watson, Charles G., Mount Morris, Mich. Shipping-package.....	870,603	Nov. 12	1147	313	131	406
Watson, Charles S., Newcastle-upon-Tyne, England. Type-writer.....	854,187	May 21	3711	767-8	128	1019
Watson, David A. (See Watson, David W. and D. A.)						
Watson, David S., Canastota, N. Y. Fire-shield.....	848,583	Mar. 26	5729	1253	127	1530
Watson, David S., Canastota, N. Y. Dump-wagon.....	852,361	Apr. 30	7329	1540	127	3590
Watson, David S., assignor to Watson Wagon Company, Canastota, N. Y. Dump-wagon.....	848,076	Mar. 26	4776	1042	127	1293
Watson, David S., assignor to Watson Wagon Company, Canastota, N. Y. Dump-wagon.....	848,077	Mar. 26	4778	1042	127	1293
Watson, David S., E. Bushnell, and J. F. Sanderson, assignors to Watson Wagon Company, Canastota, N. Y. Dump-wagon.....	852,362	Apr. 30	7331	1540	127	3590
Watson, David W. and D. A., Dover, N. H. Pruning implement.....	871,012	Nov. 12	1822	497	131	619
Watson, Edmond P., Sr., Bentonville, Ark. Stove.....	857,129	June 18	3288	693	128	2599
Watson, Elmer W. (See Willey and Watson.)	852,209	Apr. 30	7056	1474	127	3522
Watson, Francis B., Caldwell, Kans. Rocker stove-grate.....	843,051	Feb. 5	414	90	126	1898
Watson, Frank H., Huntingdon, Tenn. Violin-piano.....	846,268	Mar. 5	1088	235-6	127	277
Watson, Gardner K., Farrell, Miss. Bottle-washer.....	846,269	Mar. 5	1091	236	127	278
Watson, George H., et al. (See Miller, Harry H., assignor.)						
Watson, Harry T., Tacoma, Wash. Cash-register and attachment.....	858,237	June 25	5483	1169	128	3185
Watson, Henry B., New York, N. Y. Leg and foot rest.....	866,316	Sept. 17	2424	677	130	819
Watson, Hugh, Cairo, Nebr. Rake.....	866,701	Sept. 24	2984	847	130	1023
Watson, Jennie, Allegheny, Pa. Curtain pole and bracket.....	871,543	Nov. 19	2955	737	131	848
Watson, Montgomery H., Dayton, Ohio. Tallying-sheet.....	867,325	Oct. 1	144	43	130	1357
Watson, Murray B., Toronto, Ontario, Canada. Fire-screen.....	866,170	Sept. 17	2210	615	130	752
Watson, O'Neal, Crawfordsville, Ind. Water-filter.....	846,882	Mar. 12	2347	517	127	682
Watson, Robert, Vancouver, British Columbia, and C. E. Stevenson, Toronto, Ontario, Canada. Fire-escape.....	875,227	Dec. 31	5974	1245	131	2250
Watson, Robert A., Pittsburg, Pa. Handle.....	841,199	Jan. 15	2831	617	126	809
Watson, Thomas. (See Farrington and Watson.)						
Watson, Thomas, Evanston, Ill. Snap-hook.....	855,368	May 28	6005	1253	128	1631
Watson, Thomas S., Milwaukee, Wis. Motor-controller.....	845,831	Mar. 5	188	37	127	49
Watson, Thomas S., Milwaukee, Wis. Brush-holder for electric motors or the like.....	863,383	Aug. 20	2481	685	129	2920
Watson Wagon Company. (See Watson, David S., assignor.)						
Watson Wagon Company. (See Watson, Bushnell, and Sanderson, assignors.)						
Watson, William, Portland, Oreg. Excavator.....	871,839	Nov. 26	3537	865-6	131	973
Watson, William A., Medford, assignor to Emerson Piano Company, Boston, Mass. Autopneumatic music-playing instrument.....	869,818	Oct. 29	6111	1135	130	2669
Watson, William J., Shawnee, Okla. Lady's comb.....	842,733	Jan. 29	4041	1272	126	1686
Watson, William J., Fulton, N. Y. Umbrella-hanger.....	858,842	July 2	839	218	129	290
Watson, William M., assignor to himself and B. Batchelor, Brantford, Ontario, Canada. Gate.....	850,699	Apr. 16	4022	841	127	2688
Watson, William S., and F. Artz, Galesburg, Ill. Puzzle.....	855,268	May 28	5832	1215-16	128	1588
Watson, William T., Vancouver, British Columbia, Canada. Amusement device.....	852,248	Apr. 30	7117	1489-90	127	3537
Watson, William T., Vancouver, British Columbia, Canada. Amusement device.....	852,308	Apr. 30	7221	1516-17	127	3562
Watt, Andrew P., Baltimore, Md. Extractor for bottle-corks.....	872,485	Dec. 3	357	73	131	1223
Watt, Frank J., Detroit, Mich., assignor of one-half to R. E. Hardy, New York, N. Y. Spark-plug.....	868,737	Oct. 22	2426	671	130	2126
Watt, Herbert H., assignor of one-half to W. R. A. Ball, St. Thomas, N. D. Grain-shocker for harvesters.....	866,101	Sept. 17	2116	589	130	722

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Watt, Hugh, Melbourne, Victoria, Australia. Mail-bag lock.	866,317	Sept. 17	2425	677	130	819
Watt, James. (See Fripp, Isaac, assignor.)						
Watt, James M. (See McCombie, Elizabeth, assignor.)						
Watt, John A., Halifax, Nova Scotia, Canada. Bucket-making machine.	846,270	Mar. 5	1092	236-7	127	278
Watt, John N., Stockton, Cal. Distillation.	851,718	Apr. 30	6056	1264	127	3267
Watt & Keelor. (See Lawson, Walter H., assignor.)						
Watt, Robert, Philadelphia, Pa. Combined steam generator and radiator.	844,487	Feb. 19	3270	706	126	2683
Watt, Robert T., Laurel Springs, assignor of one-half to W. I. Raymond, Collingswood, N. J. Electrolier-hanger.	867,858	Oct. 8	954	275	130	1626
Watters, John H., Augusta, Ga. Pneumatic track-sander.	862,952	Aug. 13	1383	376	129	2544
Wattie, William, Worcester, Mass., assignor to Crompton & Knowles Loom Works. Cane-loom.	865,283	Sept. 3	792	227-8	130	239
Wattie, William, Worcester, Mass., assignor to Crompton & Knowles Loom Works. Loom.	872,035	Nov. 26	4003	961	131	1039
Wattie, William, Worcester, Mass., assignor to Crompton & Knowles Loom Works. Machine for cutting spiral oil-channels in boxes, bearings, &c.	872,036	Nov. 26	4004	961-2	131	1039
Wattie, William M., assignor to Crompton Thayer Loom Company, Worcester, Mass. Lever-moving mechanism for looms.	860,715	July 23	3699	1013	129	1317
Wattie, William M., Worcester, Mass., assignor to Crompton & Knowles Loom Works. Loom shuttle-box mechanism.	868,308	Oct. 15	1719	484	130	1880
Wattles, Cyra B., assignor to Surfacing Machine Company, Providence, R. I. Floor brushing and waxing machine.	848,275	Mar. 26	5129	1119-20	127	1383
Wattles, Cyra B., assignor to Surfacing Machine Company, Providence, R. I. Floor-waxing machine.	852,087	Apr. 30	6820	1421	127	3462
Wattles, Cyra B., assignor to Surfacing Machine Company, Providence, R. I. Grinding or polishing wheel.	873,398	Dec. 10	2259	471	131	1558
Watts, Asa O., Windsor Mills, Quebec, Canada. Weighing apparatus.	853,388	May 14	2067	429	128	563
Watts, Chester B., assignor of one-half to J. Watts, Winchester, Ind. Gravity plumb-level and inclinometer.	851,717	Apr. 30	6054	1264	127	3266
Watts, Elmer A., and E. G. Morrison, Springfield, Ohio. Gas-engine.	872,598	Dec. 3	588	123	131	1259
Watts, G. H. (See Dixon, Benjamin L., assignor.)						
Watts, Ira, Mount Vernon, N. Y. Water-heater.	864,581	Aug. 27	3889	1079	129	3388
Watts, Joseph. (See Watts, Chester B., assignor.)						
Watts, Richard E. (See Blackstone and Watts.)						
Watts, Thomas A., Springfield, Ohio. Vending-machine.	847,863	Mar. 19	4325	949	127	1147
Watzelhan, Joseph, New York, N. Y. Slip-sheet attachment for printing-presses.	847,532	Mar. 19	3622	799-800	127	975
Waugh, Edward H. (See Kyle and Waugh.)						
Waugh, William B., Akron, Ohio. Stair-carpet securer.	861,067	July 23	4248	1164	129	1494
Waughal, Theodore, Dos Cabezas, Ariz. Ter. Elevator-stop.	851,460	Apr. 23	5505	1152	127	3097
Wauters, Joseph, New York, N. Y. Automatic violin-player.	846,883	Mar. 12	2349	517	127	629
Wawrina, Eduard, Vienna, Austria-Hungary. Gramophone mechanism.	847,033	Mar. 12	2638	581	127	699
Way, Albert C., Perry Center, N. Y. Coin-controlled vending-machine.	858,931	July 2	970	252-3	129	333
Way, Allan J., Wellington, New Zealand. Carbureter.	857,130	June 18	3289	693-4	128	2599
Way, Charles H., assignor to Clarkmobile Company, Lansing, Mich. Engine.	870,001	Nov. 5	266	55	131	74
Way, David R., Fairfield, Iowa. Mail-bag catcher and deliverer.	852,860	May 7	1009	209-10	128	257
Way, John B., and C. Fezler, Patchogue, N. Y. Music-holder.	862,037	July 30	5742	1595	129	1997
Way, John H., Philadelphia, Pa. Collar-protector.	851,268	Apr. 23	5130	1079	127	3003
Way, John H., St. Davids, Pa. Muffler.	866,752	Sept. 24	3072	866-7	130	1059
Way, John H., St. Davids, Pa. Knit muffler.	874,465	Dec. 24	4415	930-1	131	1976
Wayland, Columbus A., South Knoxville, Tenn. Multiplying attachment.	872,871	Dec. 3	1168	249	131	1349
Wayman, Charles. (See Suter and Wayman.)						
Wayman, Edmund G., New Albany, Ind. Hemp dusting-brush.	862,038	July 30	5743	1595	129	1997
Waymire, Cyrus W., Norwalk, Cal. Acetylene-gas generator.	840,097	Jan. 1	611	133	126	161
Wayne, Herbert N. (See Oswald, Paul E., assignor.)						
Wayne Stove Company. (See Reed, Franklin M., assignor.)						
Weagant, Henry B., deceased; M. H. Weagant, executrix, Owen Sound, Ontario, Canada. Dental clamp.	865,733	Sept. 10	1524	430	130	496
Weagant, Margaret H., executrix. (See Weagant, Henry B.)						
Weakley, Raymond D., St. Louis, Mo. Hose-toe protector.	872,394	Dec. 3	155	29	131	1192
Weand, Oliver M. (See Matthias, William C., assignor.)						
Wear, Frank F., San Francisco, Cal., assignor to Toledo Computing Scale Company, Toledo, Ohio. Scale.	872,486	Dec. 3	358	73	131	1223
Weatherby, Joseph, Jr. (See Dull and Weatherby.)						
Weatherhead, Edward H., Cleveland, Ohio. Liquid-tapping device.	850,410	Apr. 16	3443	721-2	127	2542
Weatherhead, Frederick S., and G. O. Abbott, Springfield, Vt. Checkrein-holder.	848,418	Mar. 26	5126	1183	127	1456
Weatherly, Aloys M., Sr., Rome, Ga. Fence-post.	861,924	July 30	5585	1543	129	1948
Weatherly, John R., Atlanta, Ga. Mowing-machine.	849,761	Apr. 9	2242	460-1	127	2195
Weaver, Alfred D., and J. E. Carney, Montgomery, Ala.; said Weaver assignor to said Carney. Attachment for talking-machines.	867,773	Oct. 8	824	235-6	130	1585
Weaver, Amos, Keota, Iowa. Hay and grain rack.	845,832	Mar. 5	191	37	127	50
Weaver, Charles A., Batavia, N. Y. Display-case.	863,717	Aug. 20	2607	721	129	2960
Weaver, Charles A., assignor of one-half to F. H. Hanlon, Batavia, N. Y. Display-case.	863,121	Aug. 13	1655	443-4	129	2631
Weaver, Charles M., Bessemer, Ala. Power-operated shovel.	862,427	Aug. 6	529	142-5	129	2251
Weaver, Daniel, New York, N. Y. Game apparatus.	848,711	Apr. 2	187	39	127	1635
Weaver, David, Paterson, N. J. Cross-arm pin.	851,577	Apr. 23	5747	1201	127	3160
Weaver, Eugene M., New York, N. Y. Drawbridge rail-lock.	853,611	May 14	2504	519-20	128	677
Weaver, Flein H., assignor to E. E. Wolcott, H. H. Geiger, and T. J. Brooks, Griffin, Ga. Seed-planter and fertilizer-distributor.	840,274	Jan. 1	975	212	126	264
Weaver, George A., Newport, R. I. Transmission mechanism.	849,949	Apr. 9	2588	538	127	2283
Weaver, George A., Newport, R. I. Axle.	849,950	Apr. 9	2590	538	127	2283
Weaver, Harold L., Seymour, Conn. Nail-transferring device.	847,864	Mar. 19	4327	949	127	1147
Weaver, Harry D., et al. (See Greene, Bartholomew H., assignor.)						
Weaver, Henry C., Royal, Ark. Agricultural implement.	849,646	Apr. 9	2036	417	127	2142
Weaver, Henry M., Mansfield, Ohio. Bath waste and overflow.	861,489	July 30	4931	1354	129	1749
Weaver, Horace S., Butler, Pa. Traction device for vehicle-wheels.	841,473	Jan. 15	3376	729	126	948
Weaver, Ira A. (See Detrick and Weaver.)						
Weaver, Ira A., Springfield, Ill. Wheeled plow.	865,140	Sept. 3	572	160-1	130	173
Weaver, Ira A., assignor to Racine-Sattley Company, Springfield, Ill. Planter.	867,625	Oct. 8	614	173-4	130	1522
Weaver, Ira A., assignor to Racine-Sattley Company, Springfield, Ill. Cultivator.	869,605	Oct. 29	3790	1037	130	2576
Weaver, Ira A., assignor to Racine-Sattley Company, Springfield, Ill. Harrow-transporter.	874,141	Dec. 17	3776	796	131	1837
Weaver, J. H., et al. (See Griffin, Martin, assignor.)						
Weaver, James H., and I. R. Laux, assignors to Ohio Match Company, Wadsworth, Ohio. Match-making machine.	851,848	Apr. 30	6319	1317-18	127	3336
Weaver, John D., and W. H. Beavertown, Pa. Hydraulic ram.	846,075	Mar. 5	734	154-5	127	187
Weaver, John M., New Oxford, Pa. Dust-collector for wheeled vehicles.	850,708	Apr. 16	4039	844	127	2692
Weaver, John P., Terre Haute, Ind. Device for supporting trial-frames.	846,708	Mar. 12	1986	437	127	534

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Weaver, Lafayette, Jr., Philadelphia, Pa. Hat-guard.	857,776	June 25	4544	959	128	2947
Weaver, Mathew J., assignor of one-half to J. Hanson, Plattsburg, Mo. Wagon-body.	859,859	July 9	2371	644	129	819
Weaver, Robert T., assignor to J. Schneible, Weehawken, N. J. Apparatus for the treatment of refractory water.	854,445	May 21	4186	867	128	1142
Weaver, Samuel M., and W. Ambler, Cleveland, Ohio. Attachment for electrical furnaces.	867,542	Oct. 1	478	137	130	1462
Weaver, William H. (See Weaver, John D. and W. H.)						
Webb, Charles M., assignor to Waterbury Buckle Company, Waterbury, Conn. Garment-supporter clasp.	849,092	Apr. 2	955	195	127	1831
Webb, Edmund F., Attleboro, Mass. Fork.	858,429	July 2	102	29	129	35
Webb, Edwin C., Providence, R. I. Liquid-receptacle.	840,532	Jan. 8	1505	333	126	431
Webb, Edwin C., Providence, R. I. Liquid-receptacle.	840,533	Jan. 8	1506	334	126	431
Webb, George W. (See James and Webb.)						
Webb, Ike B., Zwolle, La. Rack.	844,067	Feb. 12	2399	514	126	2425
Webb, James, <i>et al.</i> (See Sappington, Paul, assignor.)						
Webb, James A., Iola, Tex. Spike-puller.	868,827	Oct. 22	2564	707	130	2168
Webb, Jean F., Jr., Chicago, Ill., assignor to Electric Signagraph and Semaphore Co., Incorporated. Electric signaling system and selective mechanism therefor.	859,473	July 9	1780	478-9	129	631
Webb, Jean F., Jr., assignor to Electric Signagraph and Semaphore Co., Chicago, Ill. Electric signaling mechanism.	870,328	Nov. 5	717	193	131	235
Webb, John B., <i>et al.</i> (See Davidson John R., assignor.)						
Webb, John L. and M. H., Thornton, Idaho. Beet-harvesting machine.	848,217	Mar. 26	5004	1093-5	127	1351
Webb, John R., Jr. (See Stocks and Webb.)						
Webb, John W., Columbus, Miss. Rail-joint.	841,746	Jan. 22	3910	848	126	1117
Webb, John W., Columbus, Miss. Railway-tie construction.	844,489	Feb. 19	3274	706	126	2683
Webb, Marcellus H. (See Webb, John L. and M. H.)						
Webb, Powhatan A., Atlanta, Ga., assignor of one-half to J. B. Cleland, New York, N. Y. Toy.	870,146	Nov. 5	422	117	131	1-9
Webb & Price Automobile Co. (See Price, William C., assignor.)						
Webb, Robert, Howard, Kans. Stump-sawing machine.	856,826	June 11	2707	559-60	128	2414
Webb, Robert D., Minden, La. Compress.	862,223	Aug. 6	182	51	129	2140
Webb, Robert D., Minden, La. Automatic weighing-machine.	869,204	Oct. 22	3119	860	130	2341
Webb, Samuel, Glassport, and J. Pearson, Duquesne, Pa. Fan.	874,142	Dec. 17	3778	796	131	1837
Webb, Samuel F., Charleston, Okla. Ter. Clamp for fence-wires.	862,298	Aug. 6	324	90	129	2184
Webb, Samuel J., Minden, La. Baling-press.	840,534	Jan. 8	1508	334	126	432
Webb, Samuel J., Minden, La. Compressing bales.	844,553	Feb. 19	3414	735-6	126	2717
Webb, Samuel J., Minden, La. Compress.	865,734	Sept. 10	1524	430-1	130	496
Webb, Samuel J., Minden, La. Means for changing the shapes of and compressing bales.	868,738	Oct. 22	2427	671-2	130	2126
Webb, Thomas M., and T. J. Davis, Charlotte, N. C. Game appliance or puzzle.	865,550	Sept. 10	1249	355	130	408
Webb, Walter H., W. G. Brettell, and A. J. Adamson, Liverpool, England. Gas-compressor.	859,419	July 9	1712	456	129	680
Webb, William, and W. W. Hildreth, Gloversville, N. Y. Wrench.	874,269	Dec. 17	4040	854	131	1880
Webb, William C., Marion, Oreg. Milk-pail support.	862,428	Aug. 6	542	145	129	2258
Webber & Aicher. (See Aicher, Gustav A., assignor.)						
Webber, J. F. (See Shirk, Isaac W., assignor.)						
Webber, John B., Jr., assignor to Vulcan Iron Works Company, Toledo, Ohio. Excavator control power means.	842,734	Jan. 29	6042	1273	126	1686
Webber, John B., Jr., assignor to A. Backus, Toledo, Ohio. Dredge.	871,544	Nov. 19	2956	737-8	131	848
Webber, Oakman A., Manchester, N. H. Strip-severing machine.	841,834	Jan. 22	4414	885-6	126	1173
Webber, Oakman A., Manchester, N. H. Cementing-machine.	852,861	May 7	1015	210	128	258
Webber, William, Chicago, Ill., assignor to International Harvester Company. Platform-flag for harvesters.	849,442	Apr. 9	1626	330	127	2040
Webber, William, Chicago, Ill., assignor to International Harvester Company. Grain-lifting device for harvesters.	868,739	Oct. 22	2430	672	130	2127
Webber, William O., Boston, Mass. Automatic tidal air-compressor.	854,009	May 21	3336	685	128	924
Weber, Adolfo, Milan, Italy. Mill.	874,713	Dec. 24	4935	1036-7	131	2058
Weber, Albert. (See Brown and Weber.)						
Weber, Alfred H. W., assignor to P. Beiersdorf & Co., Hamburg, Germany. Emptying device for collapsible tubes.	857,547	June 18	4086	867	128	2801
Weber, Anton, Butte, Mont. Combination-tool.	869,759	Oct. 29	4023	1111	130	2643
Weber, August, Tilsit, Germany. Exhaust-silencer for gas-motors.	875,303	Dec. 31	6114	1276	131	2273
Weber, Benjamin, Baltimore, Md. Trunk-lock.	872,775	Dec. 3	956	199	131	1318
Weber, Bernard F., Chicago, Ill. Larding-needle.	845,151	Feb. 26	4829	1024	126	3108
Weber, Carl, assignor to Weber Steel-Concrete Chimney Company, Chicago, Ill. Chimney.	875,395	Dec. 31	6308	1315	131	2303
Weber, Charles H. W., Cincinnati, Ohio. Beehive.	866,991	Sept. 24	3429	972	130	1169
Weber, Charles S., New York, N. Y. Tuning device.	847,216	Mar. 12	2993	660	127	787
Weber, Emile, Baker City, Oreg. Non-refillable bottle.	840,403	Jan. 1	1249	273	126	328
Weber, Erich, Leipzig, Germany. Suspension device for lamps.	850,986	Apr. 23	4554	954	127	2860
Weber, Frank, New York, N. Y. Wagon.	875,477	Dec. 31	6462	1350	131	23-9
Weber, Frank, Allegheny, assignor, by mesne assignments, to Imperial Specialty Manufacturing Company, Pittsburg, Pa. Wall-tie.	851,611	Apr. 23	5807	1214	127	3172
Weber, Fred C., Los Angeles, Cal. Folding toilet-chair.	857,914	June 25	4821	1021-2	128	3014
Weber, Frederick G., Ashland, Ky. Trolley-finder.	858,238	June 25	5485	1170	128	3185
Weber, George J., Liberty Center, Ohio. Dental swaging device.	849,297	Apr. 2	1359	273	127	1934
Weber, George J., Kansas City, Mo. Rotary explosive-engine.	873,916	Dec. 17	3274	699-700	131	1763
Weber, George W., assignor to American Can Company, New York, N. Y. Handle for sheet-metal can-jackets or other receptacles.	846,076	Mar. 5	739	155	127	199
Weber, George W., assignor to American Can Company, New York, N. Y. Means for applying handles to sheet-metal vessels.	846,435	Mar. 5	1445	321	127	364
Weber, George W., assignor to American Can Company, New York, N. Y. Open-mouth friction-cover can or vessel.	853,488	May 14	2244	468	128	609
Weber, George W., assignor to American Can Company, New York, N. Y. Double-seaming machine.	866,102	Sept. 17	2118	589	130	722
Weber, Henry. (See Eschholz, Weber, and Wollmann.)						
Weber, Henry E., Canton, Ohio. Head-rest.	866,753	Sept. 24	3073	867	130	1059
Weber, Herman, Colorado Springs, Colo. Electric governor.	854,918	May 28	5135	1069	128	1411
Weber, Herman, Colorado Springs, Colo. Truck.	863,122	Aug. 13	1656	444	129	2632
Weber-Illig, Carl, Delawanna, N. J. Cover for decorating mounds, graves, and other similar purposes.	873,279	Dec. 10	2001	419-20	131	1517
Weber, Jacob, Chelsea, Mass. Valve.	854,319	May 21	3942	814	128	1080
Weber, Jacob M. (See Zeldis and Weber.)						
Weber, Johann C. W., Philadelphia, Pa. Stuffing-box metallic packing.	869,536	Oct. 29	3665	1004	130	2537
Weber, John, Elba, N. Y. Land-roller.	844,430	Feb. 19	3146	676	126	2653
Weber, John, Jr., assignor to Toledo Metal Wheel Company, Toledo, Ohio. Assembling wheels.	855,369	May 28	6007	1254	128	1631
Weber, John A., Perryville, Mo. Latch.	842,735	Jan. 29	6043	1273	126	1687
Weber, John W., Pittsburg, Pa. Manipulator.	843,422	Feb. 5	1151	241-2	126	2080
Weber, Joseph, Brooklyn, N. Y. Electrical piano-playing attachment.	868,740	Oct. 22	2431	673	130	2128

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Weber, Leo, Darmstadt, Germany. Pyrimidin derivative	848,791	Apr. 2	352	-----	127	1679
Weber, Martin, Denver, Colo. Knob attachment	843,052	Feb. 5	415	90	126	1898
Weber, Peter, Orange, N. J. Support for shaft-hangers	853,662	May 14	2608	541	128	703
Weber, Peter, Orange, assignor to New Jersey Patent Company, West Orange, N. J. Speed-regulator	842,042	Jan. 22	4510	970	126	1265
Weber, Peter, assignor to Sohmer & Co., New York, N. Y. Capo-tasto bar for pianos	872,487	Dec. 3	360	73	131	1224
Weber, Rudolph H., and D. W. Smith, Kansas City, Kans. Smoke-separator	870,329	Nov. 5	719	194	131	235
Weber, Rudolph J., Detroit, Mich. Vehicle	854,188	May 21	3715	769	128	1020
Weber Steel-Concrete Chimney Company. (See Weber, Carl, assignor.)						
Weber, William F., Washington, D. C. Amber varnish and making same	840,812	Jan. 8	2042	-----	126	564
Weber, William L., Boston, Mass. Vegetable-peeling apparatus	854,258	May 21	3840	793	128	1053
Weber, William L., Boston, Mass., assignor to Greene, Tweed and Company, New York N. Y. Hydraulic elevator	844,488	Feb. 19	3271	706	126	2683
Webster, Cheever L., assignor to T. L. Brown and R. M. Webster, Galion, Ohio. Rolling window-shade connection	846,709	Mar. 12	1986	437	127	535
Webster, Cyrus C., Minneapolis, Minn., assignor to American Type Founders Company. Machine for finishing printers' leads	842,842	Jan. 29	6243	1317-20	126	1734
Webster, Daniel, Jr., Philadelphia, Pa. Automatic closure for cans, bottles, &c.	848,419	Mar. 26	5428	1183	127	1456
Webster, Daniel M., Dayton, Ohio. Water-tube boiler	868,045	Oct. 15	1315	367	130	1758
Webster, Edward T., Milwaukee, Wis. Flushing-closet	848,792	Apr. 2	354	71	127	1680
Webster, George A., Somerville, assignor to Star Brass Manufacturing Co., Boston, Mass. Steam-engine indicator	861,490	July 30	4932	1354-5	129	1749
Webster, Guy, assignor to York Bridge Company, York, Pa. Device for securing panes of glass to metallic frames	859,635	July 9	2030	548	129	711
Webster, Harry G., Chicago, Ill. Telephone-exchange system	840,726	Jan. 8	1885	415	126	526
Webster, Harry G., Chicago, Ill. Railway-puzzle	856,749	June 11	2577	529	128	2382
Webster, Harry G., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system	839,910	Jan. 1	219	47	126	61
Webster, Harry G., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone trunking-circuits	841,747	Jan. 22	3912	848-9	126	1118
Webster, Harry G., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone trunking system	843,245	Feb. 5	835	172-3	126	2006
Webster, Harry G., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone trunking system	847,385	Mar. 19	3335	732	127	898
Webster, Harry G., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone trunking system	853,286	May 14	1850	386	128	503
Webster, Harry G., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system	869,119	Oct. 22	2995	827	130	2302
Webster, Harry G., assignor to M. G. Kellogg, Chicago, Ill. Relay structure	848,793	Apr. 2	356	71	127	1680
Webster, Harry G., assignor to M. G. Kellogg, Chicago, Ill. Circuit-changing mechanism	849,443	Apr. 9	1628	330	127	2041
Webster, Harry G., assignor to M. G. Kellogg, Chicago, Ill. Telephone-exchange system	855,545	June 4	195	39	128	1745
Webster, Harry G., assignor to M. G. Kellogg, Chicago, Ill. Telephone-exchange system	855,546	June 4	202	39	128	1748
Webster, Harry G., Chicago, Ill., assignor to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Supervisory signaling system	853,287	May 14	1856	386	128	504
Webster, Henry R., New Lyme, Ohio. Roofing	872,599	Dec. 3	592	123	131	1259
Webster, Howard M., Chicago, Ill. Photographic-printing machine	846,767	Mar. 12	2106	462-3	127	566
Webster, Jesse M., and C. F. Ingold, assignors to Milwaukee Optical Manufacturing Company, Milwaukee, Wis. Eyeglasses	873,109	Dec. 10	1688	352	131	1464
Webster, John B. (See Cook, Lyman J., assignor.)						
Webster, Rosa M., <i>et al.</i> (See Webster, Cheever L., assignor.)						
Webster, William A., Monmouth, Ill. Compound engine	842,985	Feb. 5	283	62	126	1862
Webster, William A., Monmouth, Ill. Muffler for engines or motors	855,913	June 4	920	191	128	1926
Wechsler, Samuel, assignor of one-half to J. Spanier, New York, N. Y. Buckle	858,932	July 2	973	253	129	334
Weckerle, Wilhelm, Stuttgart, Germany. Means for returning condensation-water to the generator	841,748	Jan. 22	3922	849	126	1119
Weckerly, Frank, St. Davids, Pa. Means for securing rails to ties	865,665	Sept. 10	1417	401	130	462
Weddemann, Frederick. (See Johnson, Weddemann, and Blankenberg.)						
Wedekind & Co., M. B. H., R. (See Caspari, Nydegger, and Goldschmidt, assignors.)						
Wedekind & Co., R. (See Jljinsky, Michael, assignor.)						
Wedekind, Frank F., San Francisco, Cal. Foot-supporter	865,836	Sept. 10	1708	474	130	567
Wedekind, Gustav A. (See Pörcke and Wedekind.)						
Wedell, George J., Ogden, Utah. Rotary engine	859,158	July 2	1304	347	129	440
Wedge, Utley, Ardmore, Pa. Ore heating and drying device for furnaces	842,736	Jan. 29	6044	1273-4	126	1687
Wedge, Utley, Ardmore, Pa. Ore heating and drying device for furnaces	841,200	Jan. 15	2831	617	126	809
Wedgworth, John K., Lockhart, Miss. Animal-trap						
Wedmoe, Daniel A., assignor to Philadelphia Ornamental Wire Company, Philadelphia, Pa. Skirt and suit hanger	866,754	Sept. 24	3074	867	130	1060
Wedmore, Edmund B., Rugby, England, assignor to General Electric Company. Reverse-current device	848,944	Apr. 2	676	136	127	1760
Weeber, Christian F., Albany, N. Y. Tool for removing engine-valves	854,860	May 28	5009	1042	128	1378
Weedon, William S., Schenectady, N. Y., assignor to General Electric Company. Electrode for arc-lamps and making the same	867,456	Oct. 1	344	99	130	1420
Weeks, Charles A., Philadelphia, Pa., assignor to Rail Joint Company, New York, N. Y. Rail-joint pattern	868,513	Oct. 15	2030	569-70	130	1974
Weeks, Charles E., Cartersville, Mo. Metal-bending machine	854,067	May 21	3470	715	128	957
Weeks, Frank W., San Antonio, Tex. Elastic bulletin-board	841,291	Jan. 15	3016	655-6	126	853
Weeks, Henry G., Pittsboro, Pa. Shoe-horn	865,462	Sept. 10	1091	311	130	362
Weeks, Horace A., assignor to A. E. Little & Company, Lynn, Mass. Shoe-form	870,064	Nov. 5	300	83	131	102
Weeks, John, Brooklyn, N. Y., assignor to W. M. Dudgeon, executor of R. Dudgeon, deceased. Hydraulic rail-bond compressor	852,532	May 7	304	55	128	83
Weeks, John, assignor of one-half to H. C. Dudgeon, Locust Valley, N. Y. Force-pump and similar apparatus	867,932	Oct. 8	1087	307	130	1665
Weeks, Samuel V. (See Lyle, Henry C., assignor.)						
Weeks, Samuel V., Highland Park, Tenn., assignor to Emerson Manufacturing Company, Rockford, Ill. Plow	857,967	June 25	4942	1045-6	128	3045
Weeks, Samuel V., Highland Park, assignor to Volunteer Disc Plow Co., Chattanooga, Tenn. Reversible disk plow	869,672	Oct. 29	3897	1072-3	130	2606
Weeks, William C., Spokane, Wash. Water-gate	846,170	Mar. 5	917	194	127	233
Weeks, William H., Philadelphia, Pa. Machine for coating confectionery	866,702	Sept. 24	2985	847	130	1023
Wege, Peter M. (See White and Wege.)						
Wege, Peter M., assignor to General Fireproofing Company, Youngstown, Ohio. Locker construction	868,309	Oct. 15	1720	484	130	1881
Wegefarth, William D. (See Macartney, Edmund C., assignor.)						
Wegner, William C., Laporte, Ind. Tire-channel-cleaning device	872,207	Nov. 26	4342	1036	131	1095

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Wehagen, Didrich H., Lorain, Ohio. Delivery-cabinet.....	844,431	Feb. 19	3147	676-7	126	2653
Wehrenberg, Charles E., Mound City, Ill. Baling-press.....	844,068	Feb. 12	2400	514-15	126	2426
Wehrenberg, Charles E., Mound City, Ill. Baling-press.....	848,420	Mar. 26	5429	1183-4	127	1456
Wehrle, Otto, Emmendingen, Germany. Chopping and extracting apparatus.....	874,270	Dec. 17	4041	854	131	1880
Wehrly, Henry A., <i>et al.</i> (See Shutz and Kirkman, assignors.)						
Weichel, George P., Lorain, Ohio. Wrench.....	867,326	Oct. 1	145	43	130	1357
Weichel, Otto H., assignor to Firm of M. Heckelmann, Berlin, Germany. Camera-magazine.....	862,362	Aug. 6	417	113-14	129	2215
Weickert, George J., La Cygne, Kans. Doubletree-hitch.....	851,209	Apr. 23	5000	1051	127	2971
Weickhardt, George, Milwaukee, Wis. Universal wind-chest for pipe-organs.....	863,768	Aug. 20	2608	721-2	129	2961
Weida, Harry, and E. K. Hardy, Akron, Ohio. Chemical-receptacle.....	844,070	Feb. 12	2403	515	126	2426
Weidely, George A., assignor to Premier Motor Mfg. Co., Indianapolis, Ind. Lubricating and cooling system for engines.....	853,288	May 14	1860	386-7	128	505
Weidely, George A., assignor of one-half to H. O. Smith, Indianapolis, Ind. Motor-vehicle driving-gear.....	874,811	Dec. 24	5110	1076	131	2089
Weideman, Peter H., Port Byron, Ill. Combined rest and handle for buckets and other receptacles.....	840,098	Jan. 1	613	133	126	162
Weideman, Peter H., Port Byron, Ill. Vessel-support.....	841,835	Jan. 22	4116	886	126	1173
Weideman, George. (See Willard, Frederick L., assignor.)						
Weidmüller, Carl R., Chemnitz, Germany. Socket member of glove-buttons.....	860,427	July 16	3239	886	129	1134
Weidner, Edward J., Lindsay, Nebr. Husking-machine.....	845,599	Feb. 26	5702	1208	126	3324
Weidner, Michael G., <i>et al.</i> (See Senter, John F., assignor.)						
Weidner, Paul G. (See French and Weidner.)						
Weigart, Horace H., Inwood, Cal. Thill-coupling.....	858,239	June 25	5486	1170	128	3185
Weigel, Frederick A., Johnetta, Pa. Burning-kiln.....	861,410	July 30	4813	1320	129	1714
Weiherrmüller, Hans, Nuremberg, Germany. Apparatus for manufacturing brushes.....	868,237	Oct. 15	1591	452	130	1841
Weihman, Henry A., assignor of one-half to E. Dieterle, Chicago, Ill. Lubricator.....	864,876	Sept. 3	177	51	130	56
Weikel, Wilson, Trenton, Ohio. Protective means for safes.....	859,791	July 9	2266	616	129	788
Weikly, James N., Jersey City, N. J., assignor of one-half to G. H. Fraser, Brooklyn, N. Y. Lubricator.....	842,507	Jan. 29	5527	1171-2	126	1563
Weil, Alfred W., <i>et al.</i> (See Canfield, Frank, assignor.)						
Weil, Benjamin L., <i>et al.</i> (See Kaufman, Adolph G., assignor.)						
Weil, Berthold L., <i>et al.</i> (See Kaufman, Adolph G., assignor.)						
Weil & Co., Peter. (See Völker, Jean, assignor.)						
Weil, Franklin, and W. A. Gross, Northampton, Pa. Hinge.....	844,069	Feb. 12	2402	515	126	2426
Weil, Nathan. (See Montandon and Weil.)						
Weil, Otto. (See Goldschmidt and Weil.)						
Weil, Solomon, <i>et al.</i> (See Levin, Moris, assignor.)						
Weiland, Charles S. (See Noe and Weiland.)						
Weiland, Charles W., Long Island City, N. Y. Life-boat.....	860,951	July 23	4068	1113	129	1439
Weiland, Joseph, Rochester, N. Y. Machine for sweeping gutters.....	862,224	Aug. 6	183	51-2	129	2140
Weiler, Anton, Syracuse, N. Y. Hair-waving attachment for curling-irons.....	846,813	Mar. 12	2203	483	127	591
Weill, André, Brussels, Belgium. Apparatus for forming tiles provided with flanged edges.....	848,078	Mar. 26	4779	1042	127	1294
Weille, James. (See Koontz, John, assignor.)						
Weimar, Andrew, assignor of one-half to W. D. Weimar, Philadelphia, Pa. Cross-weaving loom.....	849,647	Apr. 9	2037	418-19	127	2142
Weimar, Andrew, Cheltenham, assignor of one-half to W. Weimar, Philadelphia, Pa. Woven tape or band.....	850,702	Apr. 16	4032	842	127	2690
Weimar, William. (See Weimar, Andrew, assignor.)						
Weimar, William D. (See Weimar, Andrew, assignor.)						
Weimer, Edgar A., Lebanon, Pa. Apparatus for casting and delivering pig metal.....	866,607	Sept. 17	2836	797-9	130	949
Weimer, Edgar A., Lebanon, Pa. Casting apparatus.....	866,608	Sept. 17	2838	800-1	130	949
Weimer, James, Swissvale, assignor of one-half to S. R. Carse, Pittsburg, Pa. Jam-dolly.....	856,750	June 11	2579	530	128	2382
Weimer, John. (See Hubert, William, assignor.)						
Weimer, Rufus E. (See Richardson, Joseph W., assignor.)						
Weinat, Edmond M. J., and J. Boegy, assignors, by mesne assignments, of three-fourths to A. A. Brock, Chicago, Ill. Carbureter.....	867,859	Oct. 8	965	275	130	1627
Weinberg, Berthold, New York, N. Y. Spring-mattress.....	846,635	Mar. 12	1870	411	127	506
Weinberg, Samuel, Scranton, Pa. Stove-lining clamp and support.....	848,794	Apr. 2	361	71	127	1681
Weinbrecht, Julius, assignor to Burstow, Kollmar & Co., Newark, N. J. Cigar-tip cutter.....	863,123	Aug. 13	1657	444	129	2632
Weinberg, Charles, Kankakee, Ill. Oil-can for kindling fires.....	860,170	July 16	2850	778	129	1008
Weingart, Isaac, assignor to Leumann, Boesch & Weingart, New York, N. Y. Garment.....	845,494	Feb. 26	5524	1171	126	3279
Weingärtner, Eduard, Leipzig-Lindenau, Germany. Mechanism for periodically interrupting the ruling of lines.....	861,563	July 30	5044	1384-5	129	1786
Weinland, Henry F., assignor to Lagonda Manufacturing Company, Springfield, Ohio. Boiler-tube cleaner.....	850,701	Apr. 16	4029	842	127	2689
Weinland, Henry F., assignor to Lagonda Manufacturing Company, Springfield, Ohio. Valve.....	874,466	Dec. 24	4416	931-2	131	1977
Weinland, Rutherford E., Indianapolis, Ind. Chain.....	840,535	Jan. 8	1511	334	126	432
Weinraub, Albert, New Brunswick N. J. Telephone-directory.....	875,478	Dec. 31	6464	1351	131	2329
Weinstein, Moritz, assignor of one-half to M. Sperling, St. Louis, Mo. Baby-buggy and the like.....	857,696	June 25	4388	926	128	2907
Weintraub, Ezechiel, Schenectady, N. Y., assignor to General Electric Company. System of electrical distribution.....	868,379	Oct. 15	1827	515	130	1912
Weintraub, Ezechiel, Schenectady, N. Y., assignor to General Electric Company. System of electrical distribution.....	868,380	Oct. 15	1829	515	130	1912
Weintraud, Alfred, London, England. Suspenders for wearing-apparel.....	846,367	Mar. 5	1284	283	127	323
Weintz, Jacob, Cleveland, Ohio. Drier.....	845,833	Mar. 5	193	38-9	127	51
Weir, Adam, <i>et al.</i> (See Clawson, Charles F., assignor.)						
Weir Frog Company. (See Allen and Metzger, assignors.)						
Weir Frog Company. (See Goldsmith, Nathaniel O., assignor.)						
Weir Frog Company. (See Partington, Charles, assignor.)						
Weir, John B., I. D. Perry, and J. Merckens, assignors to J. B. Weir & Co., Chicago, Ill. Pocket-bank.....	848,218	Mar. 26	5008	1095	127	1352
Weir, Robert, Chicago, Ill. Log-roller.....	845,152	Feb. 26	4830	1025	126	3109
Weir, Roderick, Winnipeg, Manitoba, Canada. Clothes-wardrobe.....	852,862	May 7	1016	210	128	259
Weir, Roderick, Winnipeg, Manitoba, Canada. Clothes-wardrobe.....	859,860	July 9	2372	644-5	129	819
Weir, Samuel G., Economy, Pa. Rail-joint.....	855,914	June 4	923	191	128	1927
Weir, Welby D., Winnsboro, Tex. Flexible armor for hose and piping.....	840,536	Jan. 8	1512	334-5	126	433
Weir, William, Cathcart, Scotland. Switchboard.....	840,537	Jan. 8	1515	335	126	433
Weir, William, Cathcart, Scotland. Lift-valve and its guard for gas and liquid pumps.....	852,589	May 7	443	81	128	117
Weir, William, Cathcart, Scotland. Direct-acting pump.....	855,150	Mar. 28	5620	1168-9	128	1533
Weir, William, Glasgow, Scotland. Valve for direct-acting steam-pumps.....	867,774	Oct. 8	826	236-7	130	1586
Weirich, Martin J., Baraboo, Wis. Wire-reel.....	856,322	June 11	1720	357-8	128	2163

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Weiss, Andrew L., Monroe, Mich. File-box.	849,298	Apr. 2	1360	274	127	1934
Weiss, John P. (See Lintner, Robbins, and Weiss.)						
Weisbrod, Jacob H., assignor to H. W. Wolff, St. Louis, Mo. Carline.	842,597	Jan. 29	5725	1210	126	1608
Weisbrod, John, New York, N. Y. Temporary binder.	853,683	May 14	2610	541	128	704
Weiser, John S., Spring Valley, Wis. Pump-support.	849,444	Apr. 9	1630	330	127	1041
Weiser, Orville T., assignor to S. Lubin, Philadelphia, Pa. Life-motion-picture-projecting machine.	857,697	June 25	4391	927	128	2908
Weiskopf, H. E., <i>et al.</i> (See Knox, Luther L., assignor.)						
Weiskopf, Harry, Chicago, Ill. Paste-applying machine.	853,048	May 7	1386	289	128	353
Weiskopf, Harry, Chicago, Ill. Sample-mounting machine.	872,872	Dec. 3	1172	249	131	1350
Weiss, Alfred H., Evanston, assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Telephone system.	841,292	Jan. 15	3019	656	126	854
Weiss, Alfred H., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Transmitter-front.	847,449	Mar. 19	3470	760	127	933
Weiss, Andrew, Cleveland, Ohio. Washboard.	851,110	Apr. 23	4788	1007	127	2919
Weiss, Carl W., New York, N. Y. Internal-combustion engine.	861,411	July 30	4815	1321	129	1715
Weiss, Charles A., New York, N. Y. Serving-tray.	844,219	Feb. 12	2701	376	126	2530
Weiss, Christian, Trossingen, Germany. Musical instrument.	870,207	Nov. 5	526	143	131	172
Weiss, Edward, Denver, Colo. Brick-kiln.	852,404	Apr. 30	7424	1558	127	3612
Weiss, Friedrich, Ricklingen, Germany. Steam-cylinder drain-valve.	848,079	Mar. 26	4781	1042	127	1294
Weiss, George F., assignor to Black Diamond Coal Drill and Tool Co., Springfield, Ill. Miner's drill.	871,013	Nov. 12	1823	497-8	131	620
Weiss, Herman, New York, N. Y. Suspender-end.	867,860	Oct. 8	967	276	130	1627
Weiss, John. (See Bolton and Weiss.)						
Weiss, Karl, Waterbury, Conn. Revolving pliers.	852,479	May 7	189	34	128	56
Weiss, Martin, New York, N. Y. Horse-boot.	863,336	Aug. 13	1979	533	129	2732
Weiss, Matthias, Mariafeld, near Laibach, assignor of one-half to Stanislaus-Jungwirth, St. Stefan, Styria, Austria-Hungary. Apparatus for the control of valves.	874,812	Dec. 24	5112	1077	131	2090
Weiss, Paul, St. Louis, Mo. Buttonhole.	861,068	July 23	4249	1165	129	1495
Weiss, Rudolf, Biel, Switzerland. Paint-can.	865,463	Sept. 10	1092	311	130	362
Weiss, William C., Milwaukee, Wis. Automobile sleigh.	874,467	Dec. 24	4419	932	131	1977
Weisse, Carl, Altenburg, Germany. Till.	853,430	May 14	2129	444	128	579
Weissenhanner, Alfred L., New York, N. Y. Receptacle-closure.	857,698	June 25	4392	927	128	2908
Weissenhanner, Alfred L., New York, N. Y. Receptacle-closure.	872,160	Nov. 26	4243	1013	131	1079
Weissenhanner, Alfred L., New York, N. Y. Receptacle-closure.	872,162	Nov. 26	4248	1013	131	1080
Weitershausen, Alvin T. (See Roeder and Weitershausen.)						
Weitershausen, Franklin B., assignor of one-half to G. G. Blakey, Pittsburg, Pa. Clothes-drier.	874,902	Dec. 24	5281	1113	131	2118
Weitlich, Richard, Sturgeon Bay, Wis. Vending-machine.	852,088	Apr. 30	6822	1422	127	3463
Weitlich, Richard, and A. W. Miller, assignors to Slug Proof Vending Machine Co., Inc., Sturgeon Bay, Wis. Vending-machine.	868,589	Oct. 15	2173	607	130	2024
Weitzel, John A., Lancaster, Pa. Toy hod.	858,770	July 2	702	186	129	244
Weitzman, Bernard R. (See Smith, Patrick J. A., assignor.)						
Welch, Allie R. and F. S., Pontiac, Mich. Lever mechanism.	841,362	Jan. 15	3174	683-4	126	896
Welch, Allie R. and F. S., Pontiac, Mich. Universal joint.	841,363	Jan. 15	3177	684	126	897
Welch, Allie R. and F. S., Pontiac, Mich. Fluid-cooler.	863,337	Aug. 13	1980	533	129	2733
Welch, Allie R. and F. S., Pontiac, Mich. Gas-engine.	870,065	Nov. 5	301	83	131	102
Welch, Arthur H. (See Welch, George A. and A. H.)						
Welch, Clarence R., Rossland, British Columbia, Canada. Engine-controlling apparatus.	862,687	Aug. 6	977	260	129	2384
Welch, Edgar E., Springdale, Ark. Goods-handler.	852,309	Apr. 30	7223	1517	127	3562
Welch, Edmund F., Terro Station, Cal. Plate-lifter.	853,529	May 14	2335	486	128	633
Welch, Fred S. (See Welch, Allie R. and F. S.)						
Welch, Fred S., Pontiac, Mich. Insect-trap.	859,636	July 9	2031	548	129	711
Welch, George A. and A. H., Lewiston, Me. Corn-husking machine.	868,046	Oct. 15	1317	367	130	1758
Welch, Herman B., West Hoboken, N. J., assignor to R. Wolf & Co., New York, N. Y. Fastening for handles of bags, satchels, purses, &c.	940,978	Jan. 8	2377	521	126	647
Welch, Hezekiah C., Haverhill, Mass. Arch-supporting shoe.	850,862	Apr. 16	4328	908	127	2765
Welch, John R., Alexandria, Ind. Vehicle-wheel.	857,219	June 18	3459	730	128	2642
Welch, Josephine, and S. R. Minnich, Nicholasville, Ky. Watering device for concrete blocks.	848,276	Mar. 26	5131	1120	127	1384
Welch, Lyman W., Grand Rapids, Mich. Extension-bracket for garment-display cases.	856,735	Sept. 10	1527	431	130	497
Welch, Michael E., North Chicago, and M. Torsen, Waukegan, Ill. Knob attachment.	860,171	July 16	2851	778	129	1008
Welch, William H. I., London, assignor to Lamp Manufacturing Company Limited, City Road, England. Oil-lamp for railway-signals, &c.	840,674	Jan. 8	1779	391-2	126	499
Welch, William L., Jamaica, N. Y. Fence-post and socket therefor.	849,299	Apr. 2	1362	274	127	1934
Welcome, Jacob C., Sr., Burns, Oreg. Snap-hook.	844,980	Feb. 19	4471	954	126	2977
Weldhen & Vlieriot. (See Evans, Kenneth H., assignor.)						
Weldon, James W., Toledo, Ohio. Heating-stove.	849,872	Apr. 9	2462	505	127	2251
Weldon, Mary L., Rockford, Ill. Poultry-fountain.	869,400	Oct. 29	3453	948	130	2472
Welfe, Joseph, Hamler, Ohio. Bridge construction.	857,505	June 18	4005	852	128	2779
Welin, Axel, London, England. Davit.	872,776	Dec. 3	957	199	131	1318
Welin, Peter, assignor to A. Krell, Newcastle, Ind. Automatic playing attachment for musical instruments.	872,313	Nov. 26	4548	1077	131	1128
Weller, Charles K., Atlanta, Ga. Brick-kiln.	842,043	Jan. 22	4512	970	126	1265
Weller, Franklin A., Troy, N. Y. Variable-speed mechanism.	848,870	Apr. 2	556	111	127	1731
Weller, John N., Knoxville, Tenn. Cash-register.	865,464	Sept. 10	1092	312-13	130	362
Weller, Robert W., Packwood, Iowa. Hay-loading apparatus.	849,033	Apr. 2	832	171	127	1800
Weller, William, Mineral City, Ohio. Flue-stop.	843,855	Feb. 12	2004	430	126	2329
Welles, Fisher. (See Davis, Isaac N., assignor.)						
Welles, Frederick R., New York, N. Y. Pencil-holder.	870,750	Nov. 12	1409	382	131	489
Welles, George S., Chicago, Ill. Burning finely-divided fuel.	858,640	July 2	497	128	129	173
Welles, George S., Chicago, Ill. Burning finely-divided fuel.	867,177	Sept. 24	3728	1055	130	1264
Welles, Nelson A., Wyalusing, Pa. Holder for use in sharpening blades of safety-razors.	870,399	Nov. 5	846	225	131	278
Wellhouse, George F., assignor of one-fourth to A. L. Bertele, Akron, Ohio. Fruit-jar.	851,788	Apr. 30	6178	1289	127	3298
Wellman, Charles A., Ottumwa, Iowa. Mail-box.	841,201	Jan. 15	2832	617-18	126	810
Wellman, Francis L., <i>et al.</i> (See Bowly, Franklin H., assignor.)						
Wellman-Seaver-Morgan Company. (See Seaver and Leslie, assignors.)						
Wellman, Walter F. (See Hinman and Wellman.)						
Wells, Albert. (See Wells, James R. and A.)						
Wells, Alfred. (See Wells, Mina C. and A.)						
Wells, Alonzo M. (See Dickinson, Lester W., assignor.)						
Wells, Edgar O., Helena, Mo. Carpet-fastener.	861,412	July 30	4818	1321	129	1715
Wells, Elisha F., assignor of one-half to J. N. Lummus, Miami, Fla. Registering-lock.	844,702	Feb. 19	3949	837	126	2843
Wells, Elmer J., Nashua, Iowa, assignor of one-half to G. F. Schultz, Salt Lake City, Utah. Door-spring.	848,712	Apr. 2	188	39	127	1636
Wells, Francis F., Elkton, Oreg. Grain-separator.	873,972	Dec. 17	3389	721	131	1782

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Wells, Frederick P., Clarinda, Iowa. Veterinary dental instrument.....	865,551	Sept. 10	1250	355	130	409
Wells, Harold, Norman, Okla. Ter. Gate.....	854,392	May 21	4072	842	128	1113
Wells, Homer D. (See Jacobs, Charles C., assignor.) (Reissue.)						
Wells, James R. and A., Kenton, Ohio. Making fireproof material.....	841,749	Jan. 22	3923	849	126	1119
Wells, James R. and A., assignors of one-third to J. W. Scott, Kenton, Ohio. Apparatus for use in applying surface material to bodies.....	860,172	July 16	2852	778	129	1008
Wells, Joseph M., Newark, N. J., assignor of one-half to F. L. Davis Chicago, Ill. Tiling.	866,755	Sept. 24	3075	868	130	1060
Wells, Lawrence O. (See Adams and Wells.)						
Wells, Mina C. and A., New York, N. Y.: said A. Wells assignor to said Mina C. Wells. Machine for gaging the thickness of material.....	842,044	Jan. 22	4513	971	126	1266
Wells, Nelson G., Tulsa, Ind. Ter. Well-drilling machine.....	871,014	Nov. 12	1824	498	131	620
Wells, Parmer D., Aix, Ind. Fender-adjuster.....	872,395	Dec. 3	156	30	131	1192
Wells, Ralph N., assignor of two-thirds to W. G. Betz and D. J. Ray, Newcastle, Ind. Piano.....	852,917	May 7	1130	233-4	128	288
Wells, Raymond L., Attleboro, Mass. Display novelty.....	858,313	June 25	5608	1200	128	3215
Wells, Robert S., assignor to American Harrow Company, Detroit, Mich. Drive mechanism for distributing wagons.....	857,131	June 18	3290	694	128	2600
Wells, Robert W. (See Estes and Wells.)						
Wells, Samuel R., Greenfield, Ind. Ear-muff.....	869,401	Oct. 29	3454	948	130	2472
Welsbach Light Company. (See Baskerville, Charles, assignor.)						
Welsh, Darrell A. (See Stocker and Welsh.)						
Welsh, Harvey H., Jr., Wilmerding, assignor to Westinghouse Air Brake Company, Pittsburgh, Pa. Opening die.....	853,289	May 14	1862	387	128	505
Welsh, James W., Edgewood Park, Pa. Voltage-regulator for series-wound electric generators.....	851,461	Apr. 23	5506	1153	127	3097
Welsh, Pierre V. W., New York, N. Y. Photograph-plate.....	849,034	Apr. 2	836	172	127	1801
Welsh, Pierre V. W., New York, N. Y. Camera-stand.....	855,825	June 4	742	153	128	1882
Welsh, Theodore A., Philadelphia, Pa. Printing and developing dark cabinet.....	870,751	Nov. 12	1410	382	131	489
Welsh, William H., Collingswood, N. J., assignor of two-thirds to C. H. Royal and J. F. Gounley, Philadelphia, Pa. Producing matrices.....	874,353	Dec. 17	4197	884	131	1907
Welsh, William H., Collingswood, N. J., assignor of two-thirds to C. H. Royal and J. F. Gounley, Philadelphia, Pa. Producing matrices.....	874,354	Dec. 17	4198	884	131	1908
Welshofer, John J. (See Roth and Welshofer.)						
Welton, Dante J., Columbus, Ohio. Fender for motor-vehicles.....	863,124	Aug. 13	1659	444	129	2632
Welton, Park E., assignor to E. J. Cauffield, Akron, Ohio. Clutch.....	855,915	June 4	924	191	128	1927
Welty, Jacob, Ashland, Ohio. Device for assisting the threading of needles.....	856,827	June 11	2708	560	128	2414
Welzin, Charles J. (See Holder and Welzin.)						
Weman, Klas, Buffalo, N. Y. Telephone-switch.....	843,053	Feb. 5	416	91	126	1898
Weman, Klas, Buffalo, N. Y. Telephone signaling device.....	846,368	Mar. 5	1285	283	127	323
Weman, Klas, Buffalo, N. Y. Telephone calling or signaling device.....	853,389	May 14	2069	429	128	563
Weman, Klas, and A. Larsson, Buffalo, N. Y. Electric generator.....	865,068	Sept. 3	484	133-4	130	147
Wemlinger, Julius R., Brooklyn, N. Y. Metal piling.....	840,884	Jan. 8	2196	483	126	602
Wemlinger, Julius R., Brooklyn, N. Y. Metal sheet-piling.....	848,143	Mar. 26	4882	1066	127	1319
Wemlinger, Julius R., Brooklyn, N. Y. Metal sheet-piling.....	838,144	Mar. 26	4884	1066	127	1319
Wemlinger, Julius R., Brooklyn, N. Y. Metal sheet-piling.....	848,145	Mar. 26	4885	1066	127	1320
Wemlinger, Julius R., Brooklyn, N. Y. Metal sheet-piling.....	855,030	May 28	5362	1113	128	1467
Wendelken, Edward F., Marietta, Ohio. Check-valve.....	841,474	Jan. 15	3377	729	126	948
Wendell & MacDuffie. (See Wade, Charles E., assignor.)						
Wendland, Carl, Krum, Tex. Horse-elevator.....	843,246	Feb. 5	841	173	126	2007
Wending, Joseph G., Cheboygan, Mich. Lifting device for clothes-drying reels.....	858,126	June 25	5278	1121	128	3132
Wendorf, Charles, Chicago, Ill. Driving-clutch for automobiles.....	865,666	Sept. 10	1418	401-2	130	463
Wendt, Fred H., Marshfield, Wis. Railway-signal.....	853,489	May 14	2246	468	128	609
Wendt, Fred H., Marshfield, Wis. Car-coupling.....	861,413	July 30	4819	1321-2	129	1715
Wendt, Fred H., Marshfield, Wis. Car-coupling.....	861,414	July 30	4821	1323	129	1716
Wendt, John H., Chicago, Ill. Bottle-labeling machine.....	868,741	Oct. 22	2433	673-4	130	2128
Wener, John B., Los Angeles, Cal. Wagon-shaft support.....	849,520	Apr. 9	1813	368	127	2086
Wenig, John, Mount Pleasant, Mich. Fire-escape.....	867,689	Oct. 8	700	196	130	1547
Weninger, John G., Lancaster, Pa. Nut-lock.....	818,080	Mar. 26	4782	1043	127	1294
Wennstrom, John, Suffern, N. Y. Jeweled bearing for electrical and other instruments.....	856,007	June 4	1084	225	128	1968
Wensel, Theodor, St. Paul, Minn. Printer's hook.....	843,648	Feb. 12	1634	346	126	2238
Wensinger, Andrew A., Toledo, Ohio. Toilet-brush.....	846,636	Mar. 12	1871	412	127	506
Wensinger, Charles F., Fremont, Ohio. Trolley-pole.....	845,323	Feb. 26	5183	1100	126	3196
Wentsch, Robert, Butler, S. D. Belt-shifter.....	865,737	Sept. 10	1529	432	130	497
Wentscher, Ernst, Berlin, Germany, assignor, by mesne assignments, to Unitype Company. Justifying apparatus.....	844,570	Feb. 19	3693	776-7	126	2780
Wentworth, Amos H., et al. (See Wentworth, Reginald H., assignor.)						
Wentworth Company. (See Wentworth, Samuel J., assignor.)						
Wentworth, Ephraim, Berlin Mills, N. H. Hacksaw.....	844,981	Feb. 19	4473	954	126	2977
Wentworth, Frederick B., Boston, Mass. Car-grip.....	860,777	July 23	3792	1039	129	1347
Wentworth, Henry A., Lynn, assignor to Huff Electrostatic Separator Company, Boston, Mass. Electrical separation.....	859,998	July 16	2599	707-8	129	924
Wentworth, John F., Washington, D. C. Locomotive-engine.....	855,682	June 4	455	96	128	1812
Wentworth, Reginald H., assignor of one-half to A. H. Wentworth, Santa Monica, and F. Bell, Oceanpark, Cal. Automatic switching apparatus.....	865,552	Sept. 10	1250	355	130	409
Wentworth, Samuel J., Newport, Ky., assignor to Wentworth Company, Cincinnati, Ohio. Shoe-upper-pounding machine.....	844,293	Feb. 12	2862	610	126	2543
Wentworth, Samuel J., Newport, Ky., assignor to Wentworth Company, Cincinnati, Ohio. Heel-seat-forming machine.....	854,320	May 21	3944	814	128	1081
Wentz, John S., Philadelphia, Pa. Cement-kiln.....	849,873	Apr. 9	24-4	506	127	2251
Wentz, Louis H., et al. (See Owings, George R., assignor.)						
Wentz, Robert F., Siegfried, Pa. Apparatus for crushing, conveying, and cooling rocks, ores, &c.....	840,703	Jan. 8	1893	417	126	527
Wenzien, Carl, Lakewood, N. J. Feeder for pigeons, squabs, or birds.....	861,005	July 23	4165	1141	129	1469
Wenzelmann, Gustave, Galesburg, Ill. Sheet-metal conveyer.....	871,381	Nov. 19	2593	664	131	793
Wenzelmann, Gustave, Galesburg, Ill. Horse-power.....	871,840	Nov. 26	3541	866	131	973
Wera, Eugene L. J., Liege, Belgium. Steam-generator.....	853,290	May 14	1363	387-8	128	505
Wera, Eugene L. J., Liege, Belgium. Steam-boiler.....	871,249	Nov. 19	2298	601	131	749
Werckle, William A., Peoria, Ill. Corn-separator.....	868,898	Oct. 22	2664	737	130	2200
Werd, William E. (See Pollock and Werd.)						
Werd, William E., et al. (See Viol, John H., assignor.)						
Werkenthin, Carl. (See May and Werkenthin.)						
Wern, Gustaf P., New York, N. Y. Top-fitting for derricks.....	854,189	May 21	3715	769	128	1021
Wernau, Robert A. (See Pearson and Wernau.)						
Werner, Adolph, Milwaukee, Wis. Razor.....	866,756	Sept. 24	3076	868	130	1060
Werner, Emil, assignor of one-half to A. S. Garman, Philadelphia, Pa. Drawing-board.....	850,552	Apr. 16	3722	778	127	2613
Werner, Emil, assignor of one-half to A. S. Garman, Philadelphia, Pa. T-square.....	855,916	June 4	926	192	128	1928

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Werner, Emil, assignor of one-half to A. S. Garman, Philadelphia, Pa. Drawing-board.	856,751	June 11	2580	530	128	2383
Werner, Frank, Grand Rapids, Mich. Machine for making cookies.	859,999	July 16	2606	708	129	926
Werner, Frederick B., David City, Nebr. Wire-stretcher.	858,240	June 25	5487	1170	128	3186
Werner, Harry C., Wheeling, W. Va. Nut-lock.	858,045	June 25	5111	1082	128	3089
Werner, Harry C., Wheeling, W. Va. Lock for set-screws.	858,241	June 25	5488	1171	128	3186
Werner, Walter, New York, N. Y. Puzzle.	854,547	May 21	4363	904	128	1183
Wernke, Frederick W., McKeesport, Pa. Wagon-brake.	847,865	Mar. 19	4328	949	127	1147
Wertheim, Ludwig, assignor to Periman & Hirschfeld, New York, N. Y. Fabric.	857,968	June 25	4952	1046	128	3049
Werther, Francis O., Sydney, Nova Scotia, Canada. Fireproof lining.	874,271	Dec. 17	4042	131	1880	
Wertman, William, Danville, Pa. Extension window shade and curtain hanger.	871,841	Nov. 26	3544	866	131	974
Werts, Peter, St. Marys, Ohio. Washing-machine.	849,300	Apr. 2	1362	274	127	1935
Wertz, Henry J. (See Ryan and Wertz.)						
Wertz, Peter, McKees Rocks, Pa. Sight-feed lubricator.	843,856	Feb. 12	2005	430	126	2329
Wertz, Thomas, St. Louis, Mo. Knockdown box.	852,249	Apr. 30	7120	1490	127	3538
Werwath, Erich H. O., Linden, Germany. Incandescent-gas-lamp burner.	861,337	July 30	4683	1280	129	1674
Wesener, John A., Chicago, Ill. Bleaching and aging flour.	863,684	Aug. 20	2482	685	129	2920
Weser, John A. (See Lynde, Frank G., assignor.)						
Weser, John A., New York, N. Y. Automatic piano.	855,370	May 28	6008	1254	128	1632
Wesner, John O., Cameron, S. C. Bed-bottom.	868,951	Oct. 22	2750	759	130	2278
Wesp, Christian, Buffalo, N. Y. Vehicle-spring.	856,501	June 11	2093	430	128	2759
Wessel, Frederick, San Antonio, Tex. Signaling device for headlights.	870,066	Nov. 5	502	83	131	102
Wessel, Karl, St. Paul, Minn. Machine for treating flax.	861,688	July 30	5223	1435-6	129	1840
Wessel, Wilhelm. (See Ballewski and Wessel.)						
Wessely, Ignaz F., Linz, Austria-Hungary. Device for automatic regulation of outlet-slucies.	850,703	Apr. 16	4033	842	127	2690
Wesson, Joseph H., Springfield, Mass. Magazine-pistol.	839,911	Jan. 1	222	48	126	62
Wesson, Joseph H., Springfield, Mass. Positive-feed lubricator.	846,967	Mar. 12	2515	555	127	669
West, Charles H., Estabutchie, Miss. Knife-setting gage.	875,479	Dec. 31	6465	1351	131	2329
West Coast Machinery Company. (See Muir, Reginald L., assignor.)						
West, Earl C., and A. F. Wolther, Brownston, Minn. Device for transporting ships.	857,264	June 18	3543	750	128	2663
West, Edward. (See Blauvelt, William E., assignor.)						
West, Eli M. (See Shilling, Edward C., assignor.)						
West, Frank L., Cleveland, Ohio. Mounting for hooks and eyes.	872,873	Dec. 3	1173	250	131	1350
West, Frank L., and C. J. Kortz, Cleveland, Ohio. Nut-lock.	858,549	July 2	319	78	129	116
West, Fred D., Chicago, Ill. Weighing-scale for refrigerators.	867,327	Oct. 1	146	43-4	130	1352
West, Georg, Godesberg, Germany. Stopper for vessels.	847,866	Mar. 19	4329	949	127	1148
West, George V., Jewell, Kans. Wrench.	865,736	Sept. 10	1529	431	130	497
West, Helen I., New York, N. Y. Hair-curling device.	850,553	Apr. 16	3725	778	127	2614
West, James, Jackson township, Wells county, Ind. Device for picking cherries and like small fruits.	871,842	Nov. 26	3545	867	131	974
West, James, Brooklyn, N. Y., assignor, by mesne assignments, to United States Envelope Company, Springfield, Mass. Apparatus for applying adhesives.	842,283	Jan. 29	5027	1073-4	126	1426
West, John, West Didsbury, England. Machine for charging and drawing gas-retorts.	845,834	Mar. 5	196	39-40	127	51
West, Lee A., Darvills, Va. Sliding-door fastener.	841,910	Jan. 22	4260	917	126	1205
West Manufacturing Company. (See Kaufman, Frank, assignor.)						
West, Ralph H., Sharpville, Pa. Mold for casting chilled rolls.	841,293	Jan. 15	3023	656-7	126	854
West, Ralph H., Cleveland, Ohio. Mold for casting chilled rolls.	853,490	May 14	2253	468-9	128	612
West, Robert N., Brooklyn, assignor to Adams Laundry Machinery Company, Troy, N. Y. Clothes-drier.	851,462	Apr. 23	5508	1153	127	3098
West, Sanford E., Pawtucket, R. I. Garment-supporter.	868,899	Oct. 22	2666	737	130	2200
West, Sylvester A., Rockport, Mo. Doll.	849,588	Apr. 9	1938	396	127	2117
West, Walter O., New Orleans, La. Artificial teeth.	851,578	Apr. 23	5748	1201	127	3160
West, William. (See Fabst and West.)						
West, William, Camden, N. J. Receptacle for powdered materials.	844,640	Feb. 19	3811	806	126	2808
West, William P. (See Glor and West.)						
Westberg, Erik, Geoff, N. D. Drilling-machine.	852,046	Apr. 30	6755	1405	127	3446
Westbrook, Charles B., Newton, Iowa. Lace-curtain-display cabinet.	844,432	Feb. 19	3149	677	126	2653
Westbrook, John J., Danville, Va. Controlling apparatus for elevators.	843,980	Feb. 12	2237	478-9	126	2388
Westbrook, John J., Danville, Va. Safety device for elevators.	847,867	Mar. 19	4330	950	127	1148
Westbrook, William D., Glenwood, Minn. Fire-box door.	875,021	Dec. 31	5576	1165	131	2184
Westbrooke, Edward L., Jonesboro, Ark. Vehicle-cover.	844,220	Feb. 12	2703	577	126	2503
Westby, George C. (See Sørensen and Westby.)						
Westcott Chuck Company. (See Westcott, James H., assignor.)						
Westcott, James H., assignor of one-half to Westcott Chuck Company, Oneida, N. Y. Compound vise.	848,945	Apr. 2	678	136	127	1761
Westcott, James H., assignor of one-half to Westcott Chuck Company, Oneida, N. Y. Chuck.	875,022	Dec. 31	5577	1165	131	2184
Westcott, Louis, Middleport, N. Y. Feed-water regulator.	849,301	Apr. 2	1364	275	127	1935
Westcott, Valorus S., Pawtucket, and F. W. Potter, Central Falls, R. I. Making worsted yarns.	874,714	Dec. 24	4938	1037	131	2058
Westcott, Valorus S., Pawtucket, and F. W. Potter, Central Falls, R. I. Wool evening and drawing machine.	874,715	Dec. 24	4942	1038-9	131	2059
Westendarp, Henry O., Saugus, Mass., assignor to General Electric Company. Vaporizer for explosive-engines.	858,046	June 25	5112	1082-3	128	3089
Westenhaver, Clifton M., Denver, Colo., assignor to Westenhaver Contracting Company. Means for protecting river-banks.	875,480	Dec. 31	6466	1351	131	2330
Westenhaver Contracting Company. (See Westenhaver, Clifton M., assignor.)						
Westenhoff, Gustave J. (See Westenhoff, Wilhelm, assignor.)						
Westenhoff, Wilhelm, Wildeshausen, Germany, assignor of one-half to G. J. Westenhoff, St. Louis, Mo. Means for supporting gymnastic horizontal bars.	849,035	Apr. 2	837	172	127	1801
Wester, Jacob L., McRaeville, Ga. Powder-gun.	848,946	Apr. 2	679	137	127	1761
Wester, Nestor. (See Gabrielson, Otto W., assignor.)						
Westerbeck, Frederick, St. Louis, Mo. Sheet-metal can.	855,080	May 28	5484	1137	128	1500
Westerbeck, Frederick, St. Louis, Mo. Sheet-metal vessel.	859,861	July 9	2374	645	129	820
Westerbeck, Frederick, St. Louis, Mo. Sheet-metal can.	868,514	Oct. 15	2032	570	130	1974
Westerberg, Alfred E. (See Westerberg, Carl W., assignor.)						
Westerberg, Carl W., assignor of one-half to A. E. Westerberg, De Kalb, Ill. Four-way gate-hinge.	856,008	June 4	1085	225	128	1968
Westerdahl, Anton, Carney, Mich. Scissors.	869,949	Nov. 5	107	29	131	36
Westerlund, Nels A., Superior, Wis. Sad-iron heater.	862,039	July 30	5744	1596	129	1997
Westerman, Harry J., Columbus, Ohio. Amusement device.	862,777	Aug. 6	1110	300-1	129	2423
Westerman, Orville S. (See Race, Nicholas W., assignor.)						
Westerman, Thomas J., Olalla, Wash. Turbine.	869,120	Oct. 22	2998	828	130	2303
Western Casket Hardware Company. (See Bremer, Max, assignor.)						
Western Clock Manufacturing Company. (See Bindschedler, Theodore S., assignor.)						
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Western Mill and Machine Company. (See Richards, George C., assignor.)						
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Western Tube Company. (See Whitehouse, Samuel A., assignor.)						
Western Union Telegraph Company. (See Barclay, John C., assignor.)						
Western Wheeled Scraper Company. (See Bunnell, Morton G., assignor.)						
Western Wheeled Scraper Company. (See McKnight, Thomas R., assignor.)						
Westervelt, Benjamin L., New York, N. Y. Truck for baggage, &c.	848,332	Mar. 26	5257	1146-7	127	1415
Westervelt, Edmund C., South Bend, Ind. Paper-bag machine.	858,047	June 25	5123	1083-4	128	3092
Westervelt, Herbert E., South Bend, Ind. Printing-press.	840,885	Jan. 8	2197	484	126	612
Westholm, Carl A. W., Chicago, Ill. Combined envelop and letter-sheet.	873,691	Dec. 10	2815	600	131	1656
Westinghouse Air Brake Company. (See Blackall, Robert H., assignor.)						
Westinghouse Air Brake Company. (See Clark, Francis L., assignor.)						
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Westinghouse Electric & Manufacturing Company. (See Aalborg, Christian, assignor.)						
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Westinghouse Electric & Manufacturing Company. (See Wilbur, Samuel P., assignor.)						
Westinghouse, Geo. (See Potter, Henry N., assignor.)						
Westinghouse, George, Pittsburg, Pa., assignor to Westinghouse Machine Company.						
Elastic-fluid turbine.....	866,171	Sept. 17	2212	616	130	753
Westinghouse, George, assignor to Westinghouse Air Brake Company, Pittsburg, Pa.						
Fluid-pressure brake.....	869,606	Oct. 29	3794	1038	130	2577
Westinghouse, Henry H., New York, N. Y., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Air-brake.....	841,750	Jan. 22	3924	850	126	1119
Westinghouse, Henry H., New York, N. Y., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Air-brake.....	841,751	Jan. 22	3926	850	126	1120
Westinghouse, Henry H., assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Fluid-pressure brake.....	847,711	Mar. 19	4010	876	127	1072
Westinghouse Machine Company. (See Arnold, Edwin E., assignor.)						
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Westinghouse Machine Company. (See Westinghouse, George, assignor.)						
Westlake, Albert, New York, N. Y. Bottle-stopper.....	855,917	June 4	928	192	128	1928
Westlake, Alfred T., Newburgh, N. Y. Cultivator.....	840,404	Jan. 1	1251	274	126	328
Westlake, Bertrand B., Pittsfield, Ill. Sight.....	852,047	Apr. 30	6757	1405	127	3447
Westlake, Charles H., Slippery Rock, Pa. Table-mat.....	862,953	Aug. 13	1384	376	129	2544
Westlake, Charles T. (See Howard and Westlake.)						
Westlake, Charles T., assignor to Transom Draft-Gear Company, St. Louis, Mo. Draft-gear for railway-cars.....	841,202	Jan. 15	2836	618	126	810
Westlake, Charles T., assignor to Transom Draft Gear Company, St. Louis, Mo. Draft-gear for railway-cars.....	854,132	May 21	3597	742	128	987
Westlake, Charles T., assignor to Davis Locomotive Wheel Company, St. Louis, Mo. Locomotive buffer-beam.....	854,131	May 21	3595	742	128	986
Westlake, Charles T., and A. R. Thomas, assignors to Davis Locomotive Wheel Company, St. Louis, Mo. Locomotive-engine frame.....	844,765	Feb. 19	4091	872	126	2881
Westlin, Carl T., Arlington, N. J. Electrically-controlled elevator.....	869,760	Oct. 29	4024	1111	130	2644
Westlund, William F., Washington, Pa. Knobbling-furnace.....	867,861	Oct. 8	968	277	130	1627
Westmoreland Automatic Machine Company. (See Magidson, Frank, assignor.)						
Westmoreland Automatic Machine Company. (See Wolkosky, Magidson, Printz, and Wolkosky, assignors.)						
Weston, Asa L., North Dover, Ohio. Fence-gate.....	863,244	Aug. 13	1853	499	129	2693
Weston, Edward, Newark, N. J. Means for supporting shafting.....	870,861	Nov. 12	1573	433	131	541
Weston, Edward, Newark, N. J. Factory building.....	870,917	Nov. 12	1666	458	131	573
Weston, Edward B., Dayton, Ohio. Display-rack.....	842,929	Feb. 5	175	40	126	1834
Weston, Edward B., Dayton, Ohio. Display-rack.....	844,071	Feb. 12	2404	515	126	2427
Weston, Edward B., Dayton, Ohio. Display-rack attachment.....	850,554	Apr. 16	3726	778	127	2614
Weston, Edwin J., Jr., Oakland, assignor of one-half to J. C. Hawver, Auburn, Cal. Knob attachment for covers.....	857,428	June 18	3849	817	128	2739
Weston, Eustace M., Johannesburg, Transvaal. Device for use with rock-drilling machines.....	842,598	Jan. 29	5726	1210	126	1609
Weston, Eustace M., Johannesburg, Transvaal. Attachment for supplying water to rock-drills.....	849,445	Apr. 9	1631	331	127	2042
Weston, Frederick D., Schenectady, N. Y., assignor to General Electric Company. Filling for thermal cut-outs.....	867,543	Oct. 1	480	137	130	1462
Weston, George. (See Weston, William E. and G.)						
Weston, James H., assignor of two-thirds to J. F. Wagner and G. A. Wilford, Tamaqua, Pa. Conveyer and elevator.....	865,837	Sept. 10	1709	474	130	567

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Weston, James H., assignor of two-thirds to J. F. Wagner and G. A. Wilford, Tamaqua, Pa. Chain.....	870,704	Nov. 12	1317	360	131	464
Weston, Milton T., New York, assignor of two-thirds to C. Mahony and A. A. Schaefer, Yonkers, N. Y. Safety means for elevators.....	852,048	Apr. 30	6757	1405-6	127	3447
Weston, Sarah H., Congaree, S. C. Mattress.....	853,049	May 7	1388	289	128	353
Weston, Thomas A., Arden, N. C. Shutter stay and adjuster.....	874,468	Dec. 24	4419	932	131	1977
Weston, Willard B., Chicago, Ill. Railway-crossing.....	849,446	Apr. 9	1634	331	127	2043
Weston, William E. and G., Kansas City, Mo. Mail-box.....	870,654	Nov. 12	1244	337	131	440
Weston, William S., Chicago, Ill. Brake-shoe.....	858,493	July 2	223	52-3	129	38
Weston, William S., assignor to Eugene Dietzgen Company, Chicago, Ill. Draftsman's triangle, straight-edge, and like instrument.....	864,396	Aug. 27	3557	988	129	3282
Westphal, Heinrich, Posen, assignor to R. Faber, Fernersleben, near Magdeburg, Germany. Ceiling and floor composed of tiles.....	872,098	Nov. 26	4127	987	131	1059
Westphal, Herman F., Milwaukee, Wis. Automatic temperature-regulator for reversible drying apparatus.....	862,225	Aug. 6	185	52	129	2140
Westphal, Louis H., assignor to Automatic Electric Pump Company, Davenport, Iowa. Automatic pressure-controlled electric switch and air-gage.....	849,762	Apr. 9	2243	461	127	2195
Westphal, Louis H., assignor to Automatic Electric Pump Company, Davenport, Iowa. Automatic pressure-controlled electric switch and air-gage.....	850,081	Apr. 9	2810	589	127	2336
Westphall, Joachim C., Gloversville, N. Y. Souvenir-post-card protector.....	866,172	Sept. 17	2213	616	130	753
Westrip, Edward D., Myerstown, and R. McCarty, Lebanon, Pa. Pipe-threading machinery.....	873,334	Dec. 10	2133	445	131	1536
Weszelinovitz, Joseph R., Chicago, Ill. Dynamo-electric machine.....	857,132	June 18	3292	694-5	128	2000
Wetherbee, Herbert E., assignor of six-twentieths to W. Rattle, one-eighth to J. F. Leitch, and seven-fortieths to C. W. Merrell, Cleveland, Ohio. Separating or classifying ores.....	856,611	June 11	2321	477	128	2316
Wetherbee, Herbert E., assignor of six-twentieths to W. Rattle, one-eighth to J. F. Leitch, and seven-fortieths to C. W. Merrell, Cleveland, Ohio. Means for separating or classifying ores.....	856,612	June 11	2323	478	128	2316
Wetherhold, Oscar B. (See Robinson, Frank W., assignor.)						
Wetherill, James P., Chester, Pa. Amusement device.....	857,851	June 25	4692	995	128	2983
Wetmore, Charles P. (See Felt and Wetmore.)						
Wettlaufer, William, Stratford, Ontario, Canada. Concrete-tile-making machine.....	860,000	July 16	2607	709	129	926
Wetzel, Lewis C., assignor to Toledo Computing Scale Company, Toledo, Ohio. Computing-scale.....	866,992	Sept. 24	3430	972	130	1170
Wetzell, Samuel. (See Cozey, Henry M., assignor.)						
Wever, Fritz, Stuttgart, Germany. Coin-delivery apparatus.....	860,588	July 16	3484	957	129	1216
Wever, La Fayette T., Crawfordville, assignor of one-half to L. C. Yaeger and J. F. Spears, Tallahassee, Fla. Railway-switch.....	859,270	July 9	1475	394	129	530
Weyand, Charles L. (See Whitney and Weyand.)						
Weyant, George H., Nachusa, Ill. Wire-stretcher.....	869,402	Oct. 29	3455	948-9	130	2473
Weyant, Thomas R., New York, N. Y. Machine for setting up cartons.....	866,757	Sept. 24	3077	868	130	1060
Weyl, Julius S., Philadelphia, Pa. Stereotype-plate holder.....	869,607	Oct. 29	3797	1038	130	2577
Weymar, Emil, Mülhausen, Germany. Apparatus for cleaning bottles and similar vessels.....	843,423	Feb. 5	1153	242-3	126	2081
Weymar, Emil, Mülhausen, Germany. Cleaning bottles and the like.....	843,555	Feb. 5	1449	305-6	126	2154
Weymouth, Thomas R., Oil City, Pa. Thief for testing liquids.....	844,433	Feb. 19	3149	677	126	2653
Whall, Richard A., assignor of one-half to Metropolitan Air Goods Company, Reading, Mass. Hot-water bag or bottle.....	858,550	July 2	320	79	129	116
Whann, Robert J. W. (See Theiss, Whann, and Englisbee.)						
Wharton, John C. (See Partee and Wharton.)						
Wharton, Joseph, Monongahela, Pa. Manufacture of sheet-glass.....	841,752	Jan. 22	3928	850-1	126	1120
Wharton, Lewis, Cambridge, Ohio. Shipping-crate.....	872,600	Dec. 3	593	124	131	1259
Wharton, Samuel E., Everett, Wash. Game-ball.....	860,589	July 16	3485	957	129	1216
Wheary, George H., assignor to Hartmann Trunk Co., Racine, Wis. Skirt and trousers hanger.....	864,114	Aug. 20	3123	864	129	3120
Wheary, George H., assignor to Hartmann Trunk Co., Racine, Wis. Trunk.....	872,874	Dec. 3	1174	250	131	1350
Wheary, George H., assignor to Hartmann Trunk Company, Racine, Wis. Trunk attachment.....	870,067	Nov. 5	303	84	131	102
Wheary, George H., assignor to Hartmann Trunk Company, Racine, Wis. Garment-holder.....	872,488	Dec. 3	361	74	131	1224
Wheat, Elmer. (See Wheat, William D., assignor.)						
Wheat, Frank R. (See Peltier, Arthur, assignor.)						
Wheat, William D., assignor of one-half to E. Wheat, Jamestown, Ky. Currycomb.....	850,282	Apr. 16	3198	666	127	2477
Wheat, William D., assignor of one-half to E. Wheat, Jamestown, Ky. Bottle-stopper.....	853,195	May 7	1644	342	128	415
Wheat, William D., assignor of one-half to E. Wheat, Jamestown, Ky. Harvester-cutter.....	872,980	Dec. 3	1381	290	131	1385
Wheatley, Arthur, assignor to Convertible Couch and Chair Company, Philadelphia, Pa. Convertible couch.....	843,780	Feb. 12	1861	396-7	126	2294
Wheatley, Harry L., et al. (See Ladd, Earnest W., assignor.)						
Wheatley, James B., Kansas City, Mo. Self-heating soldering-iron.....	874,469	Dec. 24	4421	933	131	1978
Wheatman, John T., Seattle, Wash. Grinding-machine.....	843,725	Feb. 12	1763	375	126	2270
Wheaton, John E., Geneseo, Ill. Harrow.....	856,009	June 4	1087	225-6	128	1969
Wheaton, Milton A., San Francisco, Cal. Nutcracker.....	851,210	Apr. 23	5001	1051	127	2971
Wheeler, Barzilla R., Los Angeles, Cal. Scraper.....	845,283	Feb. 26	5106	1083	126	3178
Wheeler, Charles H. (See McCoy and Wheeler.)						
Wheeler, Charles V., and A. G. McKenna, Pittsburg, Pa. Projectile.....	841,753	Jan. 22	3932	851	126	1122
Wheeler, Charles V., Pittsburg, and A. G. McKenna, Braddock, Pa., assignors to Firth Sterling Steel Company. Projectile.....	875,023	Dec. 31	5579	1165	131	2184
Wheeler, Claud H., Wills Point, Tex. Cultivator.....	847,868	Mar. 19	4333	950-1	127	1149
Wheeler & Co., S. D. (See Wheeler, Samuel D., assignor.)						
Wheeler, Eben D., Longbeach, Cal. Hammer.....	863,957	Aug. 20	2898	798	129	3052
Wheeler, Edward W., Cedar Springs, Mich. Holder for razor-blades.....	852,750	May 7	750	148	128	196
Wheeler, Edwin J., Brooklyn, N. Y. Circulator for steam-boilers.....	874,470	Dec. 24	4424	933	131	1978
Wheeler, Ernest W., Bay City, Mich. Tamping-bar.....	868,238	Oct. 15	1593	452	130	1842
Wheeler, Eugene J., Bryson City, N. C. Boring-machine.....	858,430	July 2	103	29-30	129	35
Wheeler, Ferdinand, Los Angeles, Cal. Bunsen burner.....	859,355	July 9	1621	432	129	578
Wheeler, Fred, Sodus, N. Y. Toy.....	852,363	Apr. 30	7333	1541	127	3590
Wheeler, George L., assignor of one-half to C. H. Carter, St. Louis, Mo. Safety-elevator.....	857,699	June 25	4394	927	128	2909
Wheeler, Harriet P., Toronto, Ontario, Canada. Apparel-drawers.....	852,364	Apr. 30	7334	1541	127	3591
Wheeler, James A., New York, N. Y. Fireproof door.....	861,564	July 30	5044	1385	129	1786
Wheeler, James F., assignor of one-half to F. W. De Witt, Grand Valley, Colo. Sound-amplifying horn.....	873,643	Dec. 10	2724	576	131	1640
Wheeler, James F., Southport, assignor of one-half to A. Boice, Indianapolis, Ind. Peach-harvester.....	875,024	Dec. 31	5581	1165-6	131	2185
Wheeler, Lewis R., Tacoma, Wash. Device for registering vibrations of musical sounds. Wheeler Manufacturing Company. (See Kiewicz, John, assignor.)	844,838	Feb. 19	4229	902	126	2916
Wheeler, Orrin A., Austin, assignor to himself, F. W. Garlick, C. I. Bear, and W. A. Vail, Chicago, Ill. Reclaiming scrap or waste vulcanized rubber.....	866,758	Sept. 24	3078	869	130	1061

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Wheeler, Orrin A., Austin, assignor to himself, F. W. Garlick, C. I. Bear, and W. A. Vail, Chicago, Ill. Reclaiming scrap or waste vulcanized rubber.....	866,759	Sept. 24	3081	869	130	1063
Wheeler, Samuel D., assignor to S. D. Wheeler & Co., Brinson, Ga. Meat-cutter.....	844,434	Feb. 19	3151	678	126	2654
Wheeler, Seth, Castleton, N. Y. Paper cutting and perforating machine.....	842,986	Feb. 5	288	62	126	1863
Wheeler, Seth, Castleton, N. Y. Delivery mechanism for folding-machines.....	852,089	Apr. 30	6825	1422-3	127	3463
Wheeler, Seth, Castleton, N. Y. Apparatus for producing interfolded paper packages.....	863,958	Aug. 20	2899	798-9	129	3052
Wheeler, Seth, Albany, N. Y. Apparatus for cutting, folding, and interfolding sheets or units.....	843,781	Feb. 12	1862	397	126	2294
Wheeler, Seth, Albany, N. Y., assignor to M. Moriz and H. Kummer, Berlin, Germany. Apparatus for cutting, folding, and interfolding sheets or units.....	874,903	Dec. 24	5281	1113	131	2118
Wheeler, William G. (See Wibel, Cunningham, and Wheeler.)						
Wheeler, William J., Fort Wayne, Ind. Car-roof.....	849,518	Apr. 9	1809	367	127	2085
Wheeler, Wilmot M., Danbury, Conn. Waterproofing composition.....	846,369	Mar. 5	1286		127	323
Wheeler & Wilson Manufacturing Company. (See Abererombie, William R., assignor.)						
Wheeler & Wilson Manufacturing Company. (See Laubscher, Alexander, assignor.)						
Wheelock, Etta W., Arlington, Mass. Car-fender.....	840,180	Jan. 1	787	171-2	126	211
Wheelock, Frank H. (See Bowen, Ralph W., assignor.)						
Wheildon, William M., assignor of one-half to D. W. Sutherland, Boston, Mass. Loose-leaf binder.....	863,888	Aug. 20	2801	769	129	3022
Wheildon, William M., and H. A. Maxwell, Medford, assignors to American Soda Fountain Company, Boston, Mass. Valve.....	869,281	Oct. 29	3250	895	130	2410
Whelan, Eugene B., St. Louis, Mo. Compression and vacuum relief-valve.....	839,912	Jan. 1	227	48	126	63
Whelchel, Eston V., Rossville, Ga. Brake.....	849,302	Apr. 2	1366	275	127	1935
Whelden, Benjamin F., Ludlow, Vt. Stopper.....	846,271	Mar. 5	1094	237	127	279
Whelden, Percy W., Norcatur, Kans. Animal-yoke.....	854,973	May 28	5233	1090	128	1436
Wheldon, George H., and C. W. Curle, Minneapolis, Minn. Water-tube boiler.....	866,103	Sept. 17	2119	590	130	723
Wherry, John A., New Orleans, La., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	843,247	Feb. 5	841	173	126	2007
Wherry, John A., New Orleans La., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine.....	843,248	Feb. 5	844	173	126	2008
Whetham, Charles, Sheffield, Ontario, Canada. Temporary binder.....	840,979	Jan. 8	2378	521	126	647
Whetstone, Jasper N. (See Dunkle and Whetstone.)						
Whiddbourne, Harry. (See Micklewood and Whiddbourne.)						
Whidden, Frank E., Concord, N. H. Lewis.....	845,724	Feb. 26	5965	1260	126	3389
Whinery, Samuel, East Orange, N. J. Curb-protector.....	875,025	Dec. 31	5583	1166	131	2185
Whinery, Samuel B., Pittsburg, Pa. Blue-printing machine.....	847,034	Mar. 12	2639	581	127	699
Whipp Brothers & Tod. (See Perkin, William H., Jr., assignor.)						
Whippman, Harry J., Dixon, Ill. Adjustable scaffold-trestle.....	871,465	Nov. 19	2785	701	131	822
Whipple, Allen D., Chicago, Ill. Electrically insulating wire and other electrical conductors.....	855,081	May 28	5485		128	1500
Whipple, Charles B., Springfield Center, N. Y. Means for collecting and carrying off smoke and odors from stoves.....	853,530	May 14	2336	487	128	633
Whipple, Clayton T., Glens Falls, N. Y. Oil-reservoir for lamps.....	856,502	June 11	2094	430	128	2259
Whipple, George E., <i>et al.</i> (See Shaw, Henry F., assignor.)						
Whipple, Henry B., Jersey Shore, Pa. Steam-engine puppet-valve.....	862,529	Aug. 6	725	194-5	129	2310
Whipple, Ray S., and J. A. Olessak, Philadelphia, Pa. Combined turning-tool and calipers.....	846,272	Mar. 5	1095	237	127	279
Whipple, Robert M., Mayfield, Idaho. Fire-alarm.....	870,068	Nov. 5	304	84	131	103
Whipple, Samuel A. (See Anderson, Isaac, assignor.)						
Whisenant, Lemuel M., Monroe county, Ala. Plow.....	846,171	Mar. 5	919	194	127	234
Whisler, Charles F., Hillsboro, Ohio. Wind-wheel.....	862,299	Aug. 6	325	90-1	129	2184
Whisler, Charles F., and J. R. Whitney, Hillsboro, Ohio. Gage attachment for veneer-mills.....	858,641	July 2	498	128	129	173
Whistler, David B. (See Ohmer, Whistler, and McAllister.)						
Whistler, David B., assignor to Recording and Computing Machines Company, Dayton, Ohio. Operating mechanism for fare registers and recorders.....	842,045	Jan. 22	4516	971	126	1266
Whistler, David B., assignor to Recording and Computing Machines Company, Dayton, Ohio. Variable gearing for fare registers and recorders.....	849,303	Apr. 2	1367	275	127	1936
Whit-Gould, Frederick. (See Haines and Whit-Gould.)						
Whitaker, Charles H., Bordentown, N. J. Foot-warmer.....	865,220	Sept. 3	702	199	130	212
Whitaker, David W., Oak Ridge, N. C. Bottle-stopper.....	840,813	Jan. 8	2043	452	126	564
Whitaker, Jesse H., and L. P., assignors to Pneumatic Tobacco Stemmer Company, Washington, D. C. Tobacco-stemming machine.....	841,754	Jan. 22	3933	851-2	126	1122
Whitaker, Jesse H., and F. H. Hubbard, Washington, D. C. Tabulator for typewriters.....	874,272	Dec. 17	4043	854-5	131	1880
Whitaker, Lewis E., Sussex, N. J. Weeder and hoe.....	855,547	June 4	205	40	128	1749
Whitaker, Louis P. (See Whitaker, Jesse H. and L. P.)						
Whitaker, Richard, New Brunswick, N. J., assignor to Brunswick Refrigerating Company. Gas-pump.....	848,277	Mar. 26	5133	1120	127	1384
Whitaker, Richard, New Brunswick, N. J., assignor to Brunswick Refrigerating Company. Valve.....	854,133	May 21	3598	742	128	987
Whitaker, Richard, New Brunswick, N. J., assignor to Brunswick Refrigerating Company. Valve.....	854,134	May 21	3600	743	128	987
Whitaker, Richard, New Brunswick, N. J., assignor to Brunswick Refrigerating Company. Valve for gas-pumps.....	866,832	Sept. 24	3190	897	130	1096
Whitaker, Richard, assignor to Neverslip Manufacturing Company, New Brunswick, N. J. Making horseshoe-calks.....	855,082	May 28	5486	1138	128	1500
Whitall Tatum Company. (See Meinecke, Christian W., assignor.)						
Whitall Tatum Company. (See Meinecke and Hogan, assignors.)						
Whitall Tatum Company. (See Tatum, Charles A., assignor.)						
Whitcher, Frank W. (See Parsons, Charles S., assignor.)						
Whitcher, Frank W. (See Pinkham, Charles F., assignor.)						
Whitcher, Frank W., Boston, Mass. Rubber heel.....	874,471	Dec. 24	4426	933	131	1978
Whitcomb, Harris M. (See Morgan and Whitcomb.)						
Whitcomb, James, assignor to Woodard Paste Packing Company, Owosso, Mich. Paste-packing.....	843,187	Feb. 5	717		126	1974
Whitcomb, Marcienne A., <i>et al.</i> (See Houghton, Charles L., assignor.)						
Whitcomb, Wallace S., Milwaukee, Wis. Paste-receptacle.....	866,248	Sept. 17	2314	646	130	784
Whitcomb, William W., Brookline, Mass. Composite sheet or layer.....	841,294	Jan. 15	3037	658	126	860
White, Alexander P., Caldwell, N. J., assignor to General Fireproofing Company, Youngstown, Ohio. Expanded metal structure.....	843,726	Feb. 12	1764	375-6	126	2270
White, Alexander P., Caldwell, N. J., and P. M. Wege, assignors to General Fireproofing Company, Youngstown, Ohio. Metallic case and like device.....	868,310	Oct. 15	1721	484-6	130	1881
White, Ambrose H. (See Stevenson and White.)						
White, Amos L., assignor of one-half to R. Papst, Lexington, Mich. Fastening means.....	873,692	Dec. 10	2816	600	131	1656
White, Arthur, Sheboygan Falls, Wis. Pressure expansion rotary motor.....	845,600	Feb. 26	5703	1209	126	3324
White, Arthur E., Chicago, Ill. Coffee-maker.....	843,727	Feb. 12	1767	376	126	2271

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White, Bruce C., Chicago, Ill. Brick-machine.....	868,515	Oct. 15	2033	570-3	130	1975
White, Burdette H., Syracuse, N. Y. Garment-supporter.....	849,763	Apr. 9	2245	461	127	2195
White, Charles, Baltimore, Md. Erasing appliance for use in type-writing.....	857,700	June 25	4395	928	128	2909
White, Charles, and A. R. Middleton, Baltimore, Md. Explosive-engine.....	842,737	Jan. 29	6046	1274	126	1687
White, Charles and M. A. S., Montreal, Quebec, Canada. Sight.....	848,947	Apr. 2	680	137	127	1761
White, Charles A., <i>et al.</i> (See Broad, William, assignor.)						
White, Charles B., Manchester, England. Loom for weaving pile fabrics.....	871,382	Nov. 19	2595	664-5	131	794
White, Charles E. (See Vogel and White.)						
White, Charles E., assignor to F. B. Cook, Chicago, Ill. Fuse-mount.....	842,738	Jan. 29	6049	1274	126	1688
White, Charles D., Quincy, assignor to E. L. Porter, Boston, Mass. Stenciling appliance.....	843,920	Feb. 12	2139	457	125	2363
White, Charles H., Cambridge, Mass. Colorimeter.....	840,538	Jan. 8	1516	336	126	434
White, Charles H., and A. S. MacKay, Vancouver, British Columbia, Canada. Milk cooler and aerator.....	855,371	May 28	6011	1254	128	1633
White, Charles T., Niles, Mich. Hose-coupling.....	868,311	Oct. 15	1725	487	130	1882
White, Charles W., Waco, Tex. Mattress-making machine.....	855,737	June 4	576	118	128	1844
White and Company, J. Samuel. (See Carnt and Forster, assignors.)						
White, Cullen D., Union City, Tenn. Vehicle-shaft support.....	869,950	Nov. 5	108	30	131	76
White, Edward F., Easton, Pa. Sulfur-smelting apparatus.....	847,869	Mar. 19	4335	951	127	1149
White, Edward F., Quincy, Mass. Asbestos shoe-filler and making the same.....	864,277	Aug. 27	3384	129	129	3229
White, Edward J., New York, N. Y. Building-block for concrete construction.....	858,933	July 2	974	253	129	334
White, Edward L., Englewood, N. J. Paper.....	852,918	May 7	1131	128	128	288
White, Edwin F., assignor of two-thirds to E. H. L. Page, Hollidaysburg, and R. L. Walker, Duncansville, Pa. Hot-water heater.....	846,370	Mar. 5	1287	283	127	324
White Engineering Company. (See White, Henry, assignor.)						
White, Francis M., Newkirk, Okla. Ter. Clothes-line prop.....	870,752	Nov. 12	1412	383	131	490
White, Frank, Newark, N. J. Combined cleaver and meat-tender.....	849,648	Apr. 9	2040	419	127	2143
White, Frank C., assignor to Wilcox & White Company, Meriden, Conn. Autopneumatic musical instrument.....	852,751	May 7	751	148	128	196
White, Frank C., assignor to Wilcox & White Company, Meriden, Conn. Autopneumatic music-playing instrument.....	852,752	May 7	754	149	128	197
White, Frank C., assignor to Wilcox & White Company, Meriden, Conn. Autopneumatic music-playing instrument.....	852,813	May 7	901	183	128	230
White, Frank C., assignor to Wilcox & White Company, Meriden, Conn. Autopneumatic music-playing instrument.....	862,429	Aug. 6	542	145	129	2258
White, Frank D., Alpena, Mich. Envelop.....	872,548	Dec. 3	492	103-4	131	1243
White, Frank D., Alpena, Mich. Paper-bag holder.....	874,143	Dec. 17	3780	796-7	131	1837
White, Frank S., and J. F. Stafford, Minneapolis, Kans. Mail-conveyer.....	847,035	Mar. 12	2640	582	127	699
White, Fred. (See Marvin and Vessey, assignors.)						
White, Fred H. (See Bowen and White.)						
White, Frederick, Boston, Mass., assignor to Regenerated Cold Air Company, Portland, Me., and Boston, Mass. Apparatus for modifying air.....	864,346	Aug. 27	3482	968-9	129	3259
White, Frederick I., Reading, Mass. Organ-pipe.....	857,969	June 25	4953	1046	128	3049
White, Frederick R., Lynn, Mass. Gas-engine.....	862,363	Aug. 6	420	114	129	2216
White, George, Jersey City, N. J. Chuck for transfer-presses.....	848,871	Apr. 2	559	111	127	1732
White, George H., Oil City, assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Flaring-machine for metal rings, &c.....	848,948	Apr. 2	685	137-8	127	1762
White, George H., Oil City, assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Metal-bending machine.....	849,764	Apr. 9	2246	461-2	127	1662
White, George H., Oil City, assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Apparatus for welding rings, &c.....	863,477	Aug. 13	2168	586-7	129	2791
White, Harold E., Schenectady, N. Y., assignor to General Electric Company. Controller.....	845,024	Feb. 19	4575	974	126	3001
White, Harold E., Schenectady, N. Y., assignor to General Electric Company. Controlling-switch.....	861,239	July 23	4506	1234	129	1581
White, Harold E., Schenectady, N. Y., assignor to General Electric Company. Motor-control system.....	868,381	Oct. 15	1832	516	130	1912
White, Harold E., and H. C. Pease, Schenectady, N. Y., assignors to General Electric Company. System of control.....	845,023	Feb. 19	4571	974	126	3000
White, Harry L., and F. J. Rogers, Wheeling, W. Va. Envelop.....	874,144	Dec. 17	3782	797	131	1838
White, Harry Z., Buffalo, N. Y., assignor of one-half to S. B. White, Providence, R. I. Valve-remover.....	868,952	Oct. 22	2751	759	130	2227
White, Hawley C., North Bennington, and C. S. Beach, Bennington, assignors to H. C. White Co., North Bennington, Vt. Folding handle for stereoscopes.....	853,664	May 14	2610	542	128	704
White, Henry, assignor to White Engineering Company, Marion, Ohio. Compensating gearing for motor-vehicles.....	860,952	July 23	4069	1113-14	129	1439
White, Henry B., Malden, Mass., assignor to Carter, Rice & Company, Incorporated. Stay-strip.....	842,823	Jan. 29	6199	1309	126	1724
White, Henry T., Mount Orab, Ohio. Wringer.....	864,397	Aug. 27	3558	989	129	3282
White, Herbert, Hanover, Ill. Soldering device.....	862,688	Aug. 6	978	261	129	2384
White, Herbert E., assignor to General Fireproofing Company, Youngstown, Ohio. Machine for expanding metal.....	843,728	Feb. 12	1769	376-8	126	2271
White, Herbert E., assignor to General Fireproofing Company, Youngstown, Ohio. Reinforcing-bar.....	858,693	July 2	575	149	129	199
White, Herbert E., Youngstown, Ohio, assignor to General Fireproofing Company. Clamp for use in building construction.....	875,396	Dec. 31	6309	1315	131	2303
White, James D., London, England. Printing-telegraph.....	843,508	Feb. 5	1337	282	126	2128
White, James H., Electra, Cal. Garment-fastener.....	847,217	Mar. 12	2995	660	127	787
White, James L., <i>et al.</i> (See Rector, Bradley S., assignor.)						
White, James L., assignor of one-half to E. L. Leser, Milwaukee, Wis. Dredge.....	842,364	Jan. 29	5208	1106	126	1475
White, John E. (See Terry and White.)						
White, John F., assignor to Portable Elevator Mfg. Co., Bloomington, Ill. Wagon-dump.....	865,667	Sept. 10	1420	402-3	130	463
White, John F., Bloomington, Ill., assignor to Portable Wagon Dump and Elevator Company. Wagon-dump.....	873,814	Dec. 17	3073	654-5	131	1730
White, John H., Ronneby, Minn., assignor of one-half to H. M. Huffman, Faretine, Mont., Spark-arrester.....	863,685	Aug. 20	2485	686	129	2921
White, Joseph M., and F. H. Ross, Cleveland, Ohio. Water-heater.....	870,208	Nov. 5	527	143	131	172
White, Lewis A., <i>et al.</i> (See Goodsell, Frank, assignor.)						
White Lily Washer Company. (See Stoltenberg, Henry, assignor.)						
White Lily Washer Company. (See Victor, Alexander F., assignor.)						
White, Margaret A. S. (See White, Charles and M. A. S.)						
White, Melbourne W., Lynn, Mass., assignor to United Shoe Machinery Company, Paterson, N. J. Lacing device for boots and shoes.....	872,037	Nov. 26	4006	962	131	1039

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White, Michael. (See Sakovitch, Alexis, assignor.)						
White, Morris C. (See Duryea and White.)						
White, Morris C., Los Angeles, Cal., and O. C. Duryea, Brooklyn, N. Y., assignors to National Gas Drill Company. Clutch means for intermittently rotating a reciprocating part.	855,683	June 4	459	97	128	1813
White, Orlando H., <i>et al.</i> (See Goodsell, Frank, assignor.)						
White, Ormond S., Wilkes-Barre, Pa. Package-tie.	873,192	Dec. 10	1849	387	131	1490
White, Ormond S., Wilkes-Barre, Pa. Package-tie.	873,193	Dec. 10	1850	387	131	1490
White, Otis, assignor to Sangamo Electric Company, Springfield, Ill. Flotation-bearing.	860,173	July 16	2853	778	129	1009
White, Raleigh P., assignor of one-half to W. Pratt, Jr., Kansas City, Mo. Husking-machine.	856,931	June 11	2894	606	128	2458
White, Ray A. and H. R. L., Chicago, Ill. Vehicle-tire.	871,545	Nov. 19	2957	738	131	848
White, Richard D., Washington, D. C. Ship's telegraphy.	860,001	July 16	2608	709-10	129	926
White, Richard D., Washington, D. C. Apparatus for instructing gun-layers in pointing guns.	867,862	Oct. 8	969	277-9	130	1628
White, Ripley J. (See Bigelow, Claude, assignor.)						
White, Robert B., Boonville, Ind. Metal column.	849,951	Apr. 9	2591	538	127	2283
White, Robert S., Jr., Osceola, Okla. Ter. Tender for traction-engines.	842,739	Jan. 29	6050	1275	126	1688
White, Robert S., Jr., Osceola, Okla. Ter. Air-pipe coupling.	856,119	June 4	1270	267	128	2013
White, Robert S., Jr., Osceola, and C. A. Fry, Grand, Okla. reeder and cutter for threshing-machines.	874,813	Dec. 24	5114	1077-8	131	2090
White, Rollin H., assignor to White Sewing Machine Company, Cleveland, Ohio. Burner-regulator for steam-boilers.	861,565	July 30	5045	1385	129	1786
White, Samuel B. (See White, Harry Z., assignor.)						
White Sewing Machine Company. (See Grothe, Walter, assignor.)						
White Sewing Machine Company. (See White, Rollin H., assignor.)						
White, Thomas B., Warsaw, Mo. Post-protector.	868,953	Oct. 22	2752	759	130	2227
White, Vassel W., Utica, N. Y. Wire-grip.	843,921	Feb. 12	2140	457	126	2364
White, Vernon A., assignor of one-half to H. A. Stewart, Jenifer, Ala. Ironing-table.	867,088	Sept. 24	3590	1018	130	1218
White, Victor O., Memphis, Mo. Carpet-stretcher.	857,777	June 25	4546	960	128	2947
White, W. O., <i>et al.</i> (See Anderson, William, assignor.)						
White, William, Chicago, Ill. Side bearing for railway-cars.	841,836	Jan. 22	4117	886	126	1173
White, William, Chicago, Ill. System of washing and filling locomotive-boilers.	847,387	Mar. 19	3342	733	127	900
White, William, Chicago, Ill. System of washing and filling locomotive-boilers.	847,388	Mar. 19	3345	733	127	900
White, William, and S. Otis, Chicago, Ill. System of washing and filling locomotive-boilers.	847,385	Mar. 19	3340	732	127	899
White, William A. (See Hill, John P., assignor.)						
White, William K., Nogal, N. Mex. Ter. Skirt-supporter.	843,782	Feb. 12	1864	398	126	2295
White, William S., Denver, Colo. Flushing-valve.	844,221	Feb. 12	2706	578	126	2504
White, William W. (See Giles and White.)						
White, William W., Worcester, Mass. Transmitting mechanism for turbine water-wheels.	866,104	Sept. 17	2120	590	130	723
Whiteford, Alexander W., Omaha, Nebr. Combined lifting and moving jack.	873,194	Dec. 10	1850	388	131	1490
Whiteford, David, Chicago, Ill. Antisiphon drainage-trap.	846,537	Mar. 12	1649	367	127	449
Whiteford, Grover C., Wilmington, Del. Receptacle for mail-bags.	874,273	Dec. 17	4047	855	131	1881
Whitehead, Arthur, and G. Porteus, Leeds, England. Manufacture of stereotype-matrices.	845,495	Feb. 26	5525	1171	126	3280
Whitehead, David, assignor of one-half to H. Adams, Perth, Western Australia, Australia. Combined chimney-cowl and ventilator.	852,480	May 7	192	35	128	57
Whitehead & Hoag Company. (See Conklin, Edward D., assignor.)						
Whitehead & Hoag Company. (See Hoag, Chester R., assignor.)						
Whitehead & Hoag Company. (See Hornich, William, Jr., assignor.)						
Whitehead & Hoag Company. (See Moore, Thomas F., assignor.)						
Whitehead, James. (See Royle and Whitehead.)						
Whitehead, John, assignor to J. W. Barlow Company, Lawrence, Mass. Loom-picker.	849,519	Apr. 9	1811	367	127	2086
Whitehead, John F. (See Dames and Whitehead.)						
Whitehill, David B., North Clarendon, Pa. Well-bailing-operating mechanism.	850,987	Apr. 23	4555	954-5	127	2861
Whitehorn, Thomas, Coburg, Victoria, Australia. Apparatus for packing predetermined quantities in bags.	872,161	Nov. 26	4245	1013	131	1079
Whitehorne, William R., Bethlehem, assignor to H. C. Bailey, Philadelphia, Pa. Telephone attachment.	844,839	Feb. 19	4231	903	126	2916
Whitehouse, John N., assignor to Le-White Manufacturing Company, New York, N. Y. Toy.	840,727	Jan. 8	1889	415	126	526
Whitehouse, Samuel A., assignor to Western Tube Company, Kewanee, Ill. Valve.	858,771	July 2	702	186	129	244
Whitehurst, John B. (See Guilford, Fenner J., assignor.)						
Whiteley, George S., Baltimore, Md. Vehicle-wheel.	868,047	Oct. 15	1318	368	130	1759
Whiteley, William, assignor to North & Judd Manufacturing Company, New Britain, Conn. Razor-strop fastener.	854,068	May 21	3471	716	128	958
Whitely, Arthur E. (See Dahl and Whitely.)						
Whiteman, Edward W., assignor to Associated Portland Cement Manufacturers (1900) Limited, London, England. Machine for hooping casks and the like.	860,778	July 23	3793	1039-40	129	1347
Whiteman, George W., Philadelphia, Pa. Insulated rail-joint.	845,496	Feb. 26	5527	1171	126	3280
Whiteman, George W., Philadelphia, Pa. Insulated rail-joint.	845,497	Feb. 26	5529	1172	126	3281
Whiteman, George W., Philadelphia, Pa. Rail-joint.	852,990	May 7	1274	264	128	324
Whiteside, Walter H., assignor to Allis-Chalmers Company, Milwaukee, Wis. Elastic-fluid turbine.	863,125	Aug. 13	1660	445	129	2633
Whitfield, James W., Bigtimber, Mont. Incubator-heater.	867,457	Oct. 1	345	99	130	1420
Whitin Machine Works. (See Haselden, Harry A., assignor.)						
Whitin Machine Works. (See O'Connell, Timothy, assignor.)						
Whitin Machine Works. (See Owen, Oscar L., assignor.)						
Whitin Machine Works. (See Rooney, Elwin H., assignor.)						
Whiting, Charles D., Minneapolis, assignor of one-half to T. J. Murphy, St. Paul, Minn. Journal-box lid.	875,026	Dec. 31	5584	1166	131	2185
Whiting Foundry Equipment Company. (See McDougall, Andrew H., assignor.)						
Whiting, Thomas H., Rockford, Ill. Screen for motor-vehicles.	874,046	Dec. 17	3544	755	131	1806
Whiting, William J., Handsworth, near Birmingham, England. Automatic firearm.	863,770	Aug. 20	2612	722-3	129	2962
Whitlock Coil Pipe Company. (See Brinkman, Louis H., assignor.)						
Whitlock, Henry B., Denton, Tex. Extension-cot.	868,048	Oct. 15	1319	368	130	1759
Whitlock, Thaddeus B., and W. D. Becker, New York, N. Y. Lifter.	843,509	Feb. 5	1344	282	126	2129
Whitman, Alvin W., Reading, Pa. Coffee-pot.	866,545	Sept. 17	2742	767	130	919
Whitman & Barnes Manufacturing Co. (See Farmer, Frank T., assignor.)						
Whitman & Barnes Manufacturing Co. (See Motherwell, David M., assignor.)						
Whitman, Francis H., Cambridge, Mass. Polarized ringer-magnet.	866,760	Sept. 24	3084	869	130	1063
Whitman, Guy A., Greenland Mich. Rotary engine.	850,555	Apr. 16	3727	779	127	2615
Whitman, Henry L., St. Louis, Mo. Baling-press.	849,874	Apr. 9	2465	506-7	127	2252
Whitman, Henry L., St. Louis, Mo. Baling-press.	874,814	Dec. 24	5117	1078	131	2091
Whitman, James N., Philadelphia, Pa. Gas-producing apparatus.	863,817	Aug. 20	2689	742	129	2987

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Whitman, Ralph M., Providence, R. I. Apparatus for the manufacture of elastic tires.	858,048	June 25	5128	1084	128	3093
Whitmarsh, Charles E., assignor to E. S. Ives, New York, and T. J. Ryan, Brooklyn, N. Y. Machine for trimming paper.	857,133	June 18	3297	695	128	2602
Whitmer, Ira S. (See Fry, John B., assignor.)						
Whitmer, Robert F. (See Brining, Frank P., assignor.)						
Whitmore, Charles E., Chicago, Ill. Humidifier.	847,690	Oct. 8	702	197	130	1548
Whitmore, Clarence E., Bar Harbor, Me. Seal.	840,539	Jan. 8	1518	336	126	454
Whitmore, Fred A., Philadelphia, Pa., assignor to N. Costikyan, New York, N. Y. Pile-fabric loom.	840,275	Jan. 1	977	212-13	126	264
Whitmore, Fred A., Philadelphia, Pa., assignor to Crompton & Knowles Loom Works. Ball-winder.	846,968	Mar. 12	2516	555	127	670
Whitmore, Fred A., Philadelphia, Pa., assignor to Crompton & Knowles Loom Works. Printing-drum.	870,918	Nov. 12	1669	458-60	131	574
Whitner, Joseph N., Sanford, Fla. Wind or water power wheel.	848,522	Mar. 26	5610	1227	127	1500
Whitney, Albert O., Bronxville, and C. L. Weyand, New York, N. Y. Facing for walls and other surfaces.	851,579	Apr. 23	5749	1201	127	3160
Whitney, Arthur E. (See Whitney, Robert F., assignor.)						
Whitney, Arthur E., assignor of one-half to R. F. Whitney, Winchester, Mass. Hide-working machine.	872,489	Dec. 3	362	74	131	1224
Whitney, Dennis A., assignor of one-half to W. D. Huntington, Holland, N. Y. Telegraph-sounder.	845,153	Feb. 26	4831	1025	126	3109
Whitney, Eddy R., Lynn, Mass., assignor to General Electric Company. Friction-clutch.	853,849	May 14	2992	615	128	799
Whitney, Eddy R., Swampscott, and L. A. Tirrill, Lynn, Mass., assignors to General Electric Company. Cooling dynamo-electric machines.	849,706	Apr. 9	2140	440	127	2167
Whitney, Frank, Lakeside, Ill. Photographic-plate holder.	840,540	Jan. 8	1519	336	126	434
Whitney, Frank E., Melrose, Mass. Pressure-equalizer.	852,150	Apr. 30	6947	1451	127	3493
Whitney, George E., Yonkers, N. Y. Motor-vehicle.	860,614	July 16	3537	971	129	1233
Whitney, George E., Boston, Mass., assignor, by mesne assignments, to Stanley Motor Carriage Company. Automatic multiple oiler for motor-vehicles.	859,159	July 2	1305	347	129	440
Whitney, George E., Boston, Mass., assignor, by mesne assignments, to Stanley Motor Carriage Company. Engine.	860,174	July 16	2853	779	129	1009
Whitney, George E., Boston, Mass., assignor, by mesne assignments, to Stanley Motor Carriage Company. Liquid-fuel-feeding system.	860,716	July 23	3700	1013-14	129	1318
Whitney, George E., Bridgeport, Conn., assignor, by mesne assignments, to Stanley Motor Carriage Company. Boiler safety device.	860,717	July 23	3703	1014	129	1318
Whitney, George M. (See Lillie, Orville C., assignor.)						
Whitney, Guy S., Lindsay, Cal. Grading-machine.	871,976	Nov. 26	3858	933	131	1019
Whitney, John R. (See Whisler and Whitney.)						
Whitney, Joseph B., and F. Ecaubert, New York, N. Y., assignors to Textile Appliance Co., Paterson, N. J. Faller for stop-motion mechanism for looms.	869,819	Oct. 29	4111	1135	130	2669
Whitney Manufacturing Company. (See Butler, William M., assignor.)						
Whitney, Randall M., Worcester, assignor to A. E. Carroll, Boston, Mass. Under-screen for carding-machines.	870,264	Nov. 5	613	164	131	200
Whitney, Robert F. (See Whitney, Arthur E., assignor.)						
Whitney, Robert F., assignor of one-half to A. E. Whitney, Winchester, Mass. Mechanical clutch.	860,002	July 16	2616	711	129	930
Whitney, William S. (See Grunert and Whitney.)						
Whitney, Willis R., Schenectady, N. Y., assignor to General Electric Company. Incandescent electric lamp.	843,054	Feb. 5	418	91	126	1898
Whittall, Matthew J. (See Giles, Joseph S., assignor.)						
Whittall, Matthew J. (See Pearsall, William, assignor.)						
Whitted, Robert H., Crawfordsville, Ind. Rake.	849,304	Apr. 2	1370	276	127	1936
Whittemore, John Q. A. (See Burke, Charles G. and E. J., assignors.)						
Whittemore, John R., Indianapolis, Ind. Gasket.	854,135	May 21	3603	743	128	988
Whittemore, John R., Indianapolis, Ind. Means for cutting off the ends of boiler-tubes.	866,412	Sept. 17	2562	715	130	864
Whittemore, William H., East Orange, N. J., assignor to Striely & Foote Co. Wrench.	868,954	Oct. 22	2754	760	120	2228
Whittemore, Zenas, Morton, Pa. Self-loading cart.	852,919	May 7	1132	234	128	288
Whittenburg, William H. (See Bourgeois, Joseph A. and J. A., assignors.)						
Whittier, Charles D., et al. (See Peavey, Ira Q. A., assignor.)						
Whittier, David L. (See Parks, John N., assignor.)						
Whittier, Walter H., Grand Rapids, Mich. Breech-loading firearm.	864,940	Sept. 3	275	74	130	87
Whittingham, George H., New York, N. Y., assignor, by mesne assignments, to Automatic Switch Company. Motor-regulator.	862,226	Aug. 6	188	53	129	2141
Whittle, James C., Jackson, Mich. Spring.	845,210	Feb. 26	4947	1051	126	3138
Whittle, James H., Worcester, Mass. Drying-cylinder.	863,686	Aug. 20	2484	686	129	2921
Whittlesey, Clyde W., Farmers Branch, Tex. Rail-joint.	859,709	July 9	2148	580	129	748
Whittlesey, George P., Washington, D. C., assignor to General Electric Company. Flush receptacle and plug.	866,105	Sept. 17	2121	590	130	724
Whitworth, John, et al. (See Rittman, Christian A., assignor.)						
Whonn, Samuel W., Seattle, Wash. Extension-table.	859,710	July 9	2149	580	129	748
Whorral, Edwin, Loda, Ill. Grain-conveyor.	853,750	May 14	2802	575	128	753
Whyland, Frank V., and C. P. Hollister, Pittsfield, Mass. Regulatable power-transmission device.	855,918	June 4	929	192	128	1928
Wiard, George, assignor to Wiard Plow Company, Batavia, N. Y. Plow.	857,852	June 25	4694	995	128	2983
Wiard, Harry, Syracuse, N. Y. Plow.	865,141	Sept. 3	574	161	130	174
Wiard, John B., Lynn, Mass., assignor to General Electric Company. Dynamo-electric machine.	854,784	May 28	4854	1008	128	1337
Wiard, John B., Lynn, Mass., assignor to General Electric Company. Means for cooling electric motors.	856,379	June 11	1867	385	128	2203
Wiard, John B., Lynn, Mass., assignor to General Electric Company. Switching device for electric motors.	873,815	Dec. 17	3078	656	131	1731
Wiard Plow Company. (See Wiard, George, assignor.)						
Wibel, Solomon W., W. R. Cunningham, and W. G. Wheeler, Denver, Colo. Car-coupling.	843,858	Feb. 12	2007	431	126	2330
Wiberg, Charles E., assignor of one-half to T. Bardon, Ashland, Wis. Street-flushing apparatus.	854,680	May 21	4614	962	128	1247
Wick, Alvin D., Topeka, Kans., assignor of one-third to W. W. Wick, Jr., Portland, Oreg. Crutch.	870,400	Nov. 5	847	225	131	279
Wick, Charles L., et al. (See Babcock, George E., assignor.)						
Wick, Robert E., et al. (See Babcock, George E., assignor.)						
Wick, William W., Jr. (See Wick, Alvin D., assignor.)						
Wickberg, John, Fosston, Minn. Brake for sleds.	874,145	Dec. 17	3783	797	131	1838
Wickblom, Peter J., Bishop Hill, Ill. Centrifugal pump.	873,644	Dec. 10	2725	577	131	1640
Wieke, August, New York, N. Y. Non-refillable bottle.	870,401	Nov. 5	848	225	131	279
Wickel, Fritz C., Nuremberg, Germany. Apparatus for coloring roll-paper and the like.	872,777	Dec. 3	957	200	131	1319

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Wicker, Hugh M., Brooklyn, N. Y. Electric heater.....	871,153	Nov. 19	2095	563	131	716
Wickes Bros. (See Crane, Daniel, assignor.)						
Wickes Brothers. (See Power, George S., assignor.)						
Wickes, Clarence S., Camden, N. J., assignor to Victor Talking Machine Company. Apparatus for removing labels from records for talking-machines.....	856,323	June 11	1722	358	128	2164
Wickes, Clarence S., Camden, N. J., assignor to Victor Talking Machine Company. Removing labels from records for talking-machines.....	856,613	June 11	2327	478	128	2318
Wickes, William J., <i>et al.</i> (See Dorgan, William T., assignor.)						
Wickham, Arthur N., Lincoln, Nebr. Lock.....	862,040	July 30	5745	1596	129	1997
Wickham, Horace J., Manchester, Conn. Apparatus for carbonizing peat.....	832,090	Apr. 30	6828	1423	127	3464
Wickham, Monta M., Chicago, Ill. Fence post and stay.....	845,498	Feb. 26	5531	1172	126	3282
Wicking, Frank E., Pueblo, Colo. Clasp for necktie-fasteners.....	857,701	June 25	4397	928	128	2909
Wicking, Frank E., Pueblo, Colo. Tie-holder.....	868,742	Oct. 22	2435	674	130	2128
Wickland, Algot A., assignor to C. Rosen, Chicago, Ill. Pneumatic massage-machine.....	854,548	May 21	4364	904	128	1182
Wicks, Charles E., Norfolk, Va. Automatic davit fall-block.....	852,533	May 7	307	55	128	84
Wicks, Frederick, Esher, England. Machine for composing and casting logotypes.....	865,838	Sept. 10	1710	474-6	130	567
Wicks, John, and D. D. McKay, Riverside, Cal. Automatic telephone switch system.....	852,004	Apr. 30	6640	1382-3	127	3416
Wicks, Louis C., Pittsburg, Pa. Safety-pin.....	873,474	Dec. 10	2387	503	131	1583
Wicksteed, Charles, Kettering, England. Controlling mechanism for speed-gears.....	856,380	June 11	1869	385-6	128	2203
Wickstrom, John. (See Anderson, Erickson, and Wickstrom.)						
Wickstrum, Peter M., Lincoln, Nebr. Lamp-bracket.....	854,785	May 28	4856	1008	128	1338
Wickstrum, Peter M., Lincoln, Nebr. Drinking-fount for poultry.....	871,015	Nov. 12	1826	499	131	620
Wickstrum, Peter M., Lincoln, Nebr. Incubator or brooder lamp.....	871,016	Nov. 12	1827	499	131	621
Wickwar, Alfred, Philadelphia, Pa. Handle or knob for cooking utensils.....	841,364	Jan. 15	3178	684	126	87
Wickware, Frederic R., Cortland, N. Y. Circuit-closer.....	861,006	July 23	4166	1141	129	1470
Wideman, Gustavus, assignor to Richards Manufacturing Company, Aurora, Ill. Door-hanger.....	845,914	Mar. 5	396	81	127	102
Wideman, Gustavus, assignor to Richards Manufacturing Company, Aurora, Ill. Door-hanger.....	845,989	Mar. 5	551	115	127	141
Wideman, Gustavus, assignor to Richards Manufacturing Company, Aurora, Ill. Stay-roller.....	873,816	Dec. 17	3080	656	131	1731
Wideman, Francis M., Ellicott City, Md. Corn harvester and shocker.....	868,049	Oct. 15	1320	368-70	130	1710
Wideman, Francis M., Harrison, N. J. Cutting mechanism for corn-harvesters.....	868,050	Oct. 15	1325	370	130	1711
Widmann, Frank C., Cleveland, Ohio. Ring-mold.....	844,072	Feb. 12	2405	516	126	247
Widmann, Frederick A., Philadelphia, Pa. Cigar cutter and lighter.....	840,980	Jan. 8	2379	521-2	126	6-8
Widmer, Otto J., Sigel, Ill. Vehicle.....	844,982	Feb. 19	4474	955	126	2977
Widmer, Harry A., London, England. Interchangeable umbrella-handle.....	868,900	Oct. 22	2666	737	130	2700
Widua, John. (See McIver and Widua.)						
Wiehmann, John, Albany, N. Y. Changeable drive-gear.....	852,310	Apr. 30	7224	1517	127	3-62
Wieke, Adolf, Düsseldorf, Germany. Furnace for heating disk wheels or the like.....	854,974	May 28	5234	1090	128	1426
Wieda, Ernst F. W., assignor to Wieda Mixing Machinery Co., Paterson, N. J. Kneading and mixing machine.....	844,840	Feb. 19	4234	903	126	2917
Wieda Mixing Machinery Co. (See Wieda, Ernst F. W., assignor.)						
Wiedeman, Herman, assignor to J. S. McDonald Company, Chicago, Ill. Temporary binder for loose leaves.....	874,371	Dec. 17	4237	892	131	1913
Wiedemann, Joseph A., Eldorado, Kans. Mechanically-operated sign.....	854,190	May 21	3717	769	128	1021
Wiedemeier, Anton A. (See Wiedemeier, Joseph, Jr., and A. A.)						
Wiedemeier, Joseph, Jr., and A. A., Carroll, Iowa. Display apparatus.....	873,817	Dec. 17	3081	656	131	1731
Wiederer & Co., N. (See Schwarz and Bortzner, assignors.)						
Wiederhold, Oscar, Jersey City, N. J. Incandescent gas-lamp.....	841,203	Jan. 15	2838	619	126	811
Wiederhold, Oscar, Jersey City, N. J. Means for protecting and applying incandescent mantles.....	841,204	Jan. 15	2839	619	126	811
Wiederhold, Oscar, Jersey City, N. J. Incandescent gas-lamp.....	870,753	Nov. 12	1413	383	131	490
Wiedner, Joseph H., Chicago, Ill., assignor to George Lanz & Company. Satchel-latch.....	845,915	Mar. 5	398	81	127	103
Wiegand, Henry J., assignor to Cutler-Hammer Manufacturing Company, Milwaukee, Wis. Inclosed resistance.....	872,208	Nov. 26	4346	1037	131	1096
Wiegand, Henry J., assignor to Cutler-Hammer Manufacturing Company, Milwaukee, Wis. Inclosed resistance.....	872,209	Nov. 26	4349	1037	131	1096
Wiegand, Wilhelm, and A. Braunsreuther, New York, N. Y. Safety-bottle.....	840,031	Jan. 1	472	103	126	127
Wiegant, Alcid O., Wathena, Kans. Mechanical movement.....	872,875	Dec. 3	1177	250	131	1351
Wiegert, Theodore, Frelsburg, assignor of one-half to L. Neumann, Columbus, Tex. Plow attachment.....	840,405	Jan. 1	1252	274	126	328
Wiegmann, Gustav, and C. Dörr, Berlin, Germany. Kiln.....	857,429	June 18	3850	817-18	128	2739
Wiegmann, William H., Fort Wayne, Ind. Stair-gage.....	858,431	July 2	104	30	129	56
Wieland, Charles G., Hoboken, N. J. Steam-boiler.....	853,665	May 14	2612	542	128	704
Wieland, Charles G., Hoboken, N. J. Steam-boiler.....	859,271	July 9	1477	394	129	530
Wieland, George A., Duluth, Minn. Breakwater.....	857,506	June 18	4007	853	128	2779
Wieland, George A., Duluth, Minn. Drawbridge.....	865,839	Sept. 10	1713	476	130	568
Wiemann-Munhall Company. (See Wiemann, William P., assignor.)						
Wiemann, William P., Allegheny, assignor to Wiemann-Munhall Company, Pittsburg, Pa. Water-purifying device for steam-boilers.....	852,005	Apr. 30	6644	1383	127	3417
Wienand, Adam, <i>et al.</i> (See Stiefel, Henry C., assignor.)						
Wienand, Fred. (See Caulkins and Wienand.)						
Wienand, John H., Mobile, Ala. Trunk.....	860,069	July 16	2714	739-40	129	962
Wiese, Henry J., Rochester, Minn. Band-cutter and feeder for threshing-machines.....	858,127	June 25	5279	1121	128	3132
Wiesehomeier, Friedrich, Rinteln, Germany. Machine for the automatic insertion of glass balls into bottle-necks.....	852,590	May 7	444	81	128	118
Wiesen, John G., Milwaukee, Wis. Screen for windows and doors.....	871,843	Nov. 26	3546	867	131	974
Wieser, Karl, Essen-Rüttenscheid, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Time-fuse.....	844,222	Feb. 12	2709	578	126	2505
Wieser, Karl, Essen-Rüttenscheid, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Fuse-housing.....	844,223	Feb. 12	2710	578	126	2505
Wiesner, Moritz, assignor to Yawman & Erbe Manufacturing Company, Rochester, N. Y. Filing-receptacle.....	859,272	July 9	1478	394	129	531
Wiest, John H., assignor of one-half to C. A. Wolcott and T. S. Waltemeyer, Boulder, Colo. Fluid-feed side-inlet drill-bit.....	845,385	Feb. 26	5312	1127	126	3227
Wiest, Jonas H., assignor of one-half to L. R. O'Haver, Indianapolis, Ind. Fencing-fastener.....	867,458	Oct. 1	346	100	130	1420
Wiet, Eugene, assignor to Wiet-Goethe Company, Sacramento, Cal. Tube-forming machine.....	854,136	May 21	3604	743	128	988
Wiet-Goethe Company. (See Wiet, Eugene, assignor.)						
Wietzer, Frederick. (See Noble and Wietzer.)						
Wigert, David, Greenbush, Ill. Steam-boiler.....	852,481	May 7	193	35	128	57
Wiggins, Charles M., Andalusia, Ala. Rural-delivery postal box.....	840,541	Jan. 8	1525	337	126	436
Wigington, Newton J., Chambersville, Va. Muzzle.....	858,432	July 2	106	30-1	129	36
Wigglesworth, Albert W., Chicago, Ill. Change-speed gear.....	840,731	Jan. 8	1897	418-19	126	528

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Wigglesworth, Ernest, Leeds, England. Flexible wheel.	852,006	Apr. 30	6646	1383-4	127	3471
Wiggs, James A., Jr., Beaumont, Tex. Rotary drilling apparatus.	862,954	Aug. 13	1385	377	129	2544
Wiggs, James A., Jr., Beaumont, Tex. Injector-burner.	864,398	Aug. 27	3559	989	129	3282
Wightman, Elmer E., Chicago, Ill. Gas-regulator for dental vulcanizers.	845,835	Mar. 5	200	40	127	52
Wightman, Richard, Mount Vernon, N. Y. Advertising device.	870,705	Nov. 12	1318	360	131	464
Wightman, Simon G., Washington, D. C. Composition of matter.	872,703	Dec. 3	816	.....	131	1296
Wigington, Charles C., Morristown, Tenn. Trunk.	865,322	Sept. 3	862	248	130	262
Wigley, William P., Dallas, Ga. Adjustable plow-standard.	869,341	Oct. 29	3358	925	130	2441
Wigmore, Frank W., Basswood, Manitoba, assignor to Manson Campbell Company, Ltd., Chatham, Canada. Combined step-ladder and ironing-board.	859,905	July 9	2444	664	129	841
Wikander, Anders J., Brooklyn, N. Y., and F. Johanson, Philadelphia, Pa. Adjustable wire screen.	844,571	Feb. 19	3700	777-8	126	2781
Wikander, Gustaf R., New York, N. Y. Lock for elevator-doors.	867,626	Oct. 8	616	174	130	1522
Wikander, Ragnar, Westerås, Sweden. Electropneumatic braking device for railway-cars.	856,010	June 4	1090	226	128	1969
Wikander, Ragnar, Westerås, Sweden. Multiple-unit-controlling system for electric locomotives or motor-cars.	870,147	Nov. 5	423	117	131	1-9
Wikander, Ragnar, Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Condenser-pump regulator.	851,719	Apr. 30	6058	1265	127	3267
Wiki, Eduard, Lucerne, Switzerland. Flap-valve.	861,566	July 30	5047	1386	129	1787
Wiking, Anders F., Stockholm, Sweden. Floating dock.	853,328	May 14	1961	405-6	128	536
Wikoff, Lester, Cherry Valley, N. Y. Grain-lifter.	850,704	Apr. 16	4035	843	127	2691
Wilbraham-Green Blower Company. (See Green, Thomas W., assignor.)						
Wilbur, Burt, Syracuse, N. Y. Overhead trolley-frog.	848,610	Mar. 26	5798	1264	127	1548
Wilbur, Edwin H. (See Christensen, Bott, and Wilbur.)						
Wilbur, Joseph H. (See Macy and Wilbur.)						
Wilbur, Romeo M. (See Allen, Everett P., assignor.)						
Wilbur, Samuel P., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrode for arc-lamps.	855,738	June 4	578	118	128	1844
Wilburn, Sylvester, and T. E. Smith, Tunis, Tex. Wire-fastener.	874,552	Dec. 24	4615	970	131	2004
Wilcox, Charles M., New Paris, Ohio, assignor of two-thirds to J. E. Kirkpatrick, Anderson, Ind., and C. P. Kirkpatrick, New Paris, Ohio. Fish-decoy.	870,069	Nov. 5	305	84	131	103
Wilcox, Crittenden and Company. (See Mowry, Edward S., assignor.)						
Wilcox, Elijah A., New York, N. Y. Display-cabinet.	857,265	June 18	3544	751	128	2664
Wilcox, Elmer A., Chicago, Ill. Gasket.	857,134	June 18	3300	696	128	2602
Wilcox, Ernest C., Meriden, Conn., assignor to Connecticut Telephone and Electric Company, Incorporated. Induction-coil apparatus.	867,627	Oct. 8	617	174	130	1523
Wilcox, Frank E., Mechanicsburg, Pa. Vehicle-gear.	839,913	Jan. 1	228	49	126	63
Wilcox, Frank E., Mechanicsburg, Pa. Safety-razor.	863,889	Aug. 20	2802	.....	129	3022
Wilcox, Gavin R. M., Newburgh, N. Y. Flexible joint.	855,739	June 4	579	118	128	1845
Wilcox, George S. (See Windridge and Wilcox.)						
Wilcox, George S., Hartford, assignor to Lyman Gun Sight Corporation, Middlefield, Conn. Sight for firearms.	846,637	Mar. 12	1872	412	127	507
Wilcox, Henry. (See Reed and Wilcox.)						
Wilcox, Henry S., Chicago, Ill., assignor to Troy Laundry Machinery Company, Limited, Troy, N. Y. Fringe-brushing machine.	865,840	Sept. 10	1715	476	130	569
Wilcox Manufacturing Company. (See Prouty, Theodore C., assignor.)						
Wilcox, Margaret A., Chicago, Ill. Bake-pan.	868,312	Oct. 15	1726	487	130	1882
Wilcox, Ray, Detroit, assignor of one-half to C. R. Wallace, Jackson, Mich. Feeding device for concrete-mixers.	845,990	Mar. 5	553	116	127	142
Wilcox, Robert L., Port Leyden, N. Y. Display-rack.	869,608	Oct. 29	3798	1038	130	2578
Wilcox & White Company. (See Van York, Percival K., assignor.)						
Wilcox & White Company. (See White, Frank C., assignor.)						
Wilcox, William L., et al. (See La Rue, Charles W., assignor.)						
Wild, Frederick W., Jr., Baltimore, Md., assignor to Burt Machine Company. Labeling-machine.	861,338	July 30	4684	1280	129	1674
Wild, Frederick W., Jr., Baltimore, Md., assignor to Burt Machine Company. Labeling-machine.	871,745	Nov. 19	3315	818	131	910
Wild, Howard, Los Angeles, Cal. Ice-cracker.	861,415	July 30	4823	1323	129	1717
Wild, James H. (See Rowley, John T., assignor.)						
Wild, William P., Osnabrock, N. D. Draft-equalizer.	854,786	May 28	4857	1009	128	1338
Wildason, Frank A., Eaton, Ind. Child's folding cot.	865,738	Sept. 10	1530	432	130	497
Wilde, Daniel, Washington, Iowa. Shoveling-board.	858,242	June 25	5489	1171	128	3186
Wilde, Daniel, Washington, Iowa. Door opener and closer.	858,243	June 25	5490	1171	128	3187
Wilde, Daniel, Washington, Iowa. Door-fastener.	858,244	June 25	5492	1172	128	3187
Wilde, Daniel, Washington, Iowa. Sash-fastener.	858,245	June 25	5493	1172	128	3188
Wilde, Eben F., assignor to Attleboro Manufacturing Company, Attleboro, Mass. Bracket.	843,188	Feb. 5	718	149	126	1974
Wilde, Eben F., assignor to Attleboro Manufacturing Company, Attleboro, Mass. Ear-ring.	870,330	Nov. 5	720	194	131	236
Wilder, Charles O., Columbus, Ohio. Axle-skein.	840,981	Jan. 8	2383	522	126	648
Wilder, H. F., et al. (See Blair, Gardner L., assignor.)						
Wilder, Henry S. (See Wilder, Leslie S., assignor.)						
Wilder, Leslie S., Northampton, assignor of one-half to H. S. Wilder, Easthampton, Mass. Trolley.	865,323	Sept. 3	863	248	130	262
Wilder, William H., Gardner, Mass. Oil-stove.	866,896	Sept. 24	3281	923-4	130	1123
Widgen, John F., St. Louis, Mo. Curtain-light frame.	861,925	July 30	5585	1543	129	1948
Wildhagen, Rudolph C. (See Main and Wildhagen.)						
Wildman, James, Chicago, Ill. Water-tube boiler.	845,386	Feb. 26	5313	1127-8	126	3228
Wildman Manufacturing Company. (See Ballard, George L., assignor.)						
Wildrick, Charles D. (See Spencer and Wildrick.)						
Wildsmith, Edward T., Birmingham, Ala. Eaves-trough hanger.	848,795	Apr. 2	363	72	127	1681
Wile, Raymond S., Pittsburg, Pa. Detinning.	859,792	July 9	2267	.....	129	788
Wienski, Morris, Chicago, Ill. Fender for street-cars.	873,197	Dec. 10	1855	389	131	1491
Wiles, George C., Hutchinson, Kans. Automatic pitcher and self-feeder for threshing-machines.	840,276	Jan. 1	982	213-14	126	265
Wiles, Russell, assignor to J. W. Page, Chicago, Ill. Excavating-scoop.	852,863	May 7	1018	211	128	259
Wiley, Anderson W. (See Winbush, Amos, assignor.)						
Wiley, Edward M., Adams, Ind. Footway for railway-bridges.	867,178	Sept. 24	3730	1055	130	1265
Wiley, Robert J. (See Behm and Wiley.)						
Wilfey, Arthur R., Denver, Colo. Ore-roasting.	859,420	July 9	1714	456	129	608
Wilfey, John M., Salt Lake City, Utah. Folding bed.	851,910	Apr. 30	6435	1342-3	127	3365
Wilford, George A., et al. (See Weston, James H., assignor.)						
Wilhelm, Walter E., Palmyra, Nebr. Disk-scraper.	873,142	Dec. 10	1746	366	131	1474
Wilhelm, William W., assignor of one-half to E. T. James, Charlotte, N. C. Paper holder and filler.	861,007	July 23	4168	1142	129	1470
Wilhelmi, Valentin, Paterson, N. J. Range-boiler.	865,841	Sept. 10	1716	476	130	569

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Wilhelmj, Arthur, San Francisco, Cal. Piano-playing attachment.....	848,278	Mar. 26	5137	1121	127	1386
Wilhelmy, Wilhelm II., Nebraska City, Nebr. Hydrocarbon-burner.....	868,955	Oct. 22	2755	760	130	2228
Wilhems, Louis G., Hartford City, assignor of one-half to C. Gwinnup, Muncie, Ind. Sign.....	861,689	July 30	5226	1436	127	1841
Wilke, Henry F. (See Ohliger, Skramovsky, and Wilke.)						
Wilke, Hermann W., Long Island City, N. Y. Steering vessels.....	873,818	Dec. 17	3083	657	131	1732
Wilkening, William H., Pittsburg, Pa. Pipe, tube, and tubular structure.....	875,304	Dec. 31	6115	1276	131	2273
Wilkes, Clarence H., and H. Lyke, Little Falls, N. Y. Starting and stopping mechanism for phonographs.....	860,110	July 16	2764	754	129	977
Wilkie, Calvin H., Douglas, Ariz. Ter. Concentrator.....	871,546	Nov. 19	2959	738	131	848
Wilkin, Alfred, New York, N. Y. Drop-regulating bottle.....	847,218	Mar. 12	2997	660	127	787
Wilkin, Theodore S., Milwaukee, Wis. Sawmill.....	872,038	Nov. 26	4007	962	131	1039
Wilkin, William M., Erie, Pa. Gang-saw mill.....	869,537	Oct. 29	3666	1005	130	2537
Wilkins, Abner M. (See Hutcheson and Wilkins.)						
Wilkins, Charles L., Columbus, Ohio. Burglar-alarm.....	851,190	Apr. 23	4959	1042	127	2961
Wilkins, Charles L., assignor to Ohio Pump and Brass Company, Columbus, Ohio. Fluid-motor.....	840,886	Jan. 8	2198	484	126	602
Wilkins, Albert J., assignor to E. J. Wilkins Company, Gloversville, N. Y. Purse.....	860,718	July 23	3704	1015	129	1319
Wilkins, George H., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe-creaser.....	870,265	Nov. 5	613	165	131	200
Wilkins, George H., Portland, Me., assignor to J. F. Hull, Poughkeepsie, N. Y., and G. W. Brown, Cape Elizabeth, Me. Machine for attaching tags to clothing.....	844,703	Feb. 19	3952	838	126	2843
Wilkins, George L., Chicago, Ill. Casement-window adjuster.....	866,703	Sept. 24	2988	848	130	1024
Wilkins, Nathaniel. (See Lord and Wilkins.)						
Wilkins, Willis A., El Paso, Tex. Shears and tension-screw.....	844,903	Feb. 19	4347	928	126	2944
Wilkins, Willis A., El Paso, Tex. Washboard.....	859,160	July 2	1307	348	129	441
Wilkinson, Andrew D., Wellsville, Ohio. Electric igniter.....	855,269	May 28	5833	1216	128	1588
Wilkinson, George, Harrogate, England. Direct-contact feed-water heater for steam-boilers.....	865,842	Sept. 10	1717	477	130	569
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Turbine-governing mechanism.....	846,538	Mar. 12	1651	367	127	449
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company. Packing for rotary motors.....	861,926	July 30	5586	1543-4	129	1949
Wilkinson, James, Providence, R. I., assignor to Wilkinson Turbine Company, Birmingham, Ala. Shaft-packing for turbines.....	872,396	Dec. 3	156	30	131	1192
Wilkinson, John, assignor to H. H. Franklin Manufacturing Company, Syracuse, N. Y. Circuit maker and breaker.....	862,041	July 30	5746	1597	129	1998
Wilkinson, John A., Washington, D. C. Grain-door for cars.....	858,551	July 2	321	79	129	116
Wilkinson, John A., Washington, D. C. Seal-lock.....	869,761	Oct. 29	4026	1111	130	2644
Wilkinson, John A., New York, assignor to M. Cohn, Albany, N. Y. School-desk furniture.....	843,649	Feb. 12	1635	346	126	2238
Wilkinson, John A., New York, assignor to M. Cohn, Albany, N. Y. Jointing or uniting wooden parts.....	843,650	Feb. 12	1636	347	126	2238
Wilkinson, Joseph, Bridgeport, Conn. Telescope-mounting for guns.....	867,328	Oct. 1	147	44	130	1758
Wilkinson, Joseph A., Hiawatha, Kans. Machine for shelling corn.....	870,919	Nov. 12	1672	460	131	574
Wilkinson, Robert E. (See Henkel, Adolf W., assignor.)						
Wilkinson, Thomas B., Los Angeles, Cal. Oil-can.....	866,546	Sept. 17	2743	768	130	919
Wilkinson, Thomas B., Los Angeles, Cal. Combination-tool.....	866,547	Sept. 17	2744	768	130	919
Wilkinson, Thomas B., New York, N. Y. Door-securer.....	866,548	Sept. 17	2745	768	130	920
Wilkinson, Thomas B., New York, N. Y., and F. G. Dieterich, Washington, D. C.; said Dieterich assignor to W. P. Wilkinson, Los Angeles, Cal. Detonating toy.....	846,884	Mar. 12	2352	517	127	630
Wilkinson Turbine Company. (See Wilkinson, James, assignor.)						
Wilkinson, William P. (See Wilkinson and Dieterich, assignors.)						
Will, Anthony. (See Dietz, Herman F., assignor.)						
Will & Baumer Company. (See Baumer, Francis, assignor.)						
Will, Charles E., assignor of one-fourth to F. J. Eighmey, Waterloo, Iowa. Railway-tie.....	853,390	May 14	2070	429	128	564
Willard, Ben, New Orleans, La., assignor to General Electric Company. Rail-bond.....	863,818	Aug. 20	2690	742	129	2987
Willard, Charles H., Pasadena, Cal. Water-current motor.....	867,459	Oct. 1	347	100	130	1420
Willard, Frederick L., assignor of one-half to G. Weideman, New York, N. Y. Circuit making and breaking device.....	847,299	Mar. 12	3143	692	127	824
Willcox & Gibbs Sewing Machine Company. (See Borton, Stockton, assignor.)						
Willcox & Gibbs Sewing Machine Company. (See Madison, Alfred L., assignor.)						
Willcox & Gibbs Sewing Machine Company. (See Mitchell, Charles, assignor.)						
Willcox & Gibbs Sewing Machine Company. (See Wright, James B., assignor.)						
Wille, Henry V., assignor to Burnham, Williams & Company, Philadelphia, Pa. Super-heater for locomotives.....	843,315	Feb. 5	982	201-2	126	2038
Wille, Henry V., assignor to Burnham, Williams & Company, Philadelphia, Pa. Super-heater for locomotives.....	849,875	Apr. 9	2469	507-8	127	2253
Willeke, John F., Kenton, Ohio. Connecting-rod.....	851,047	Apr. 23	4675	982	127	2892
Willems, Frans F., Delangoe, Java. Bagasse-furnace.....	856,011	June 4	1094	227	128	1970
Willers, Julius. (See Eldridge and Willers.)						
Willits, William C., Minneapolis, Minn. Wire-fabric blank.....	873,195	Dec. 10	1852	388	131	1490
Willits, William C., Minneapolis, Minn. Running-gear support for baby-carriages.....	873,196	Dec. 10	1853	388-9	131	1490
Willitt, Charles W., assignor of one-half to Sumner Iron Works, Everett, Wash. Lath-mill.....	865,142	Sept. 3	576	161-2	130	175
Willitt, Charles W., Tacoma, assignor of one-half to Sumner Iron Works, Everett, Wash. Gang lath-bolter.....	868,956	Oct. 22	2756	760	130	2228
Willitt, George R. (See Dyer, David H., assignor.)						
Willey, Edgar E., Quincy, Mass. Garment-fastener.....	844,841	Feb. 19	4236	903	126	2918
Willey, John F., Versailles, Ill. Forming molds.....	851,849	Apr. 30	6321	1318	127	3337
Willey, John F., and E. W. Watson, Versailles, Ill. Sad-iron.....	853,138	May 7	1541	321	128	389
Willey, John F., Springfield, Mass. Dusting and polishing device.....	866,897	Sept. 24	3282	924	130	1123
Willey, R. H. <i>et al.</i> (See Houze, Luke, assignor.)						
Willford, Joseph L. (See Bierline, Michael M., assignor.)						
Willhoit, James I. (See Lax, Hinson, and Willhoit.)						
Willhoit, William E., Shelbyna, assignor of one-half to J. N. Sherwood, Kansas City Mo. Combined trap, holder, and chute for live stock.....	850,197	Apr. 16	3048	638	127	2435
William A. Miller Elevator Manufacturing Company. (See Burmester, Fredrick H., assignor.)						
William B. Kerr Company. (See Nock, Rupert A., assignor.)						
William B. Pollock Company. (See McKelvey, William W., assignor.)						
William Galloway Company. (See Galloway, William, assignor.)						
William Galloway Company. (See Wilson, Dalton K., assignor.)						
William H. Brodie Company. (See Sponsel, Charles W., assignor.)						
William J. Paul Co. (See Paul, Edwin L., assignor.)						

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William Knabe & Company Manufacturing Company of Baltimore City. (See Sandlas and Darley, assignors.)						
William Lane. (See Delbon, Frank G., assignor.)						
William M. Crane Company. (See Brock, John M., assignor.)						
William Schollhorn Company. (See Bernard, William A., assignor.)						
William Sellers & Company. (See Kneass, Strickland L., assignor.)						
William Tod Company. (See Trinks, Willibald, assignor.)						
William Wharton, Jr., & Company. (See Angerer, Victor, assignor.)						
Williams-Abbott Electric Company. (See Kusel, Harry J., assignor.)						
Williams, Alvin M., West Orange, N. J. Pyrographic burner	870,754	Nov. 12	1414	383	131	490
Williams, Bert L., Lowell, Mass. Self-lubricating bullet and shot	862,778	Aug. 6	1112		129	2423
Williams, Brown & Earle. (See Pease, Charles F., assignor.)						
Williams, C. D. (See Hanson, Bennie P., assignor.)						
Williams, Charles, Chicago, Ill., assignor of three-fourths to W. H. Cowles and one-eighth to J. F. Young, Spokane, Wash. Multicolor-press	856,120	June 4	1272	268-9	128	2014
Williams, Charles, Chicago, Ill., assignor of three-fourths to W. H. Cowles and one-eighth to J. F. Young, Spokane, Wash. Ink-feeding mechanism	856,121	June 4	1280	269-70	128	2016
Williams, Charles, Chicago, Ill., assignor of three-fourths to W. H. Cowles and one-eighth to J. F. Young, Spokane, Wash. Paper-feeding mechanism	856,122	June 4	1287	270-1	128	2017
Williams, Charles, Chicago, Ill., assignor of three-fourths to W. H. Cowles and one-eighth to J. F. Young, Spokane, Wash. Proof-press	856,123	June 4	1292	271-2	128	2019
Williams, Charles C. (See Oleson and Williams.)						
Williams, Charles E., Monessen, Pa. Gate-latch	842,046	Jan. 22	4518	972	126	1267
Williams, Charles H., Milton, Mass. Photometer	855,548	June 4	206	40	128	1749
Williams, Charles H., Duquoin, Ill. Crate	860,506	July 16	3356	921-2	129	1273
Williams, Charles H., assignor to Puritan Corset Company, Kalamazoo, Mich. Corset	872,876	Dec. 3	1178	251	131	1351
Williams, Charles J., Prosser, Wash. Chain-pump	873,280	Dec. 10	2003	420	131	1517
Williams, Charles M. (See Dunham, Justin A., assignor.)						
Williams, Cortez L., Steubenville, Ohio. Tire-fastener	854,549	May 21	4366	904	128	1184
Williams, David W., Glastonbury, Conn. Rotary gas-engine	859,474	July 9	1784	479-80	129	632
Williams, E. O., et al. (See Henderson and King, assignors.)						
Williams, Edgar H., Indianapolis, Ind. Match-holder	855,489	June 4	90	19	128	1717
Williams, Edgar J., Cincinnati, Ohio. Credit-account-filing system	854,069	May 21	3471	716	128	958
Williams, Edward. (See Devers and Williams.)						
Williams, Edward C., Boston, Mass., assignor to United Printing Machinery Co. Vise	863,819	Aug. 20	2690	742	129	2987
Williams, Edward M., Dallas, Tex. Cotton-harvester	869,951	Nov. 5	109	30	131	37
Williams, Edward T., New York, N. Y. Carpet-cleaner	868,901	Oct. 22	2668	737	130	2201
Williams, Elmer V., Glendale, Cal. Coin-holder	848,333	Mar. 26	5259	1147	127	1415
Williams, Elmer V., assignor of one-half to L. Kelly, San Pedro, Cal. Calculator for type-writing machines	871,311	Nov. 19	2436	631-3	131	770
Williams, Fillmore, Columbus, Ohio. Amusement device	853,666	May 14	2613	542	128	704
Williams, Francis A., assignor of one-fourth to C. S. Adams, Jacksonville, Fla. File	855,826	June 4	744	154	128	1883
Williams, Francis K. (See Hurd, James C., assignor.)						
Williams, Frank C., Philadelphia, Pa. Block-signal apparatus	867,329	Oct. 1	149	44-5	130	1359
Williams, Frank L., Salem, Ill. Display means for doors or the like	865,465	Sept. 10	1097	313	130	363
Williams, Frank T., assignor to Edward Miller and Company, Meriden, Conn. Incandescent gas-burner	843,379	Feb. 5	1088	225	126	2065
Williams, George A., Newcastle, Ind. Bottle-cap fastener	873,646	Dec. 10	2729	578	131	1641
Williams, George A., and G. F. Lindsey, Birmingham, Ala. Canopy-supporting frame	862,779	Aug. 6	1112	301	129	2423
Williams, George E., assignor to W. F. Keiper, Jersey City, N. J. Amusement device	862,042	July 30	5748	1597	129	1999
Williams, George H., Kansas City, Mo. Angle or splice bar	845,025	Feb. 19	4577	974	126	3002
Williams, George H., Kansas City, Mo., assignor to Railway Supplies, Limited, Toronto, Canada. Graduated reinforced arched angle-bar for railway-track joints. (Reissue)	12,625	Mar. 26	5817	1268	127	1552
Williams, George N., Jr., New York, N. Y. Stone-fluting machine	868,051	Oct. 15	1326	370-1	130	1701
Williams, George R., Little Rock, Ark. Vehicle-wheel	865,143	Sept. 3	577	162	130	176
Williams, George W., Arkansas City, Kans. Rail-chair	841,837	Jan. 22	4118	886	126	1173
Williams, George W., Sr., Rose Hill, Ill. Shield for railway-switches	845,499	Feb. 26	5532	1172	126	3282
Williams, Gilbert F., Washington, D. C. Ventilator	857,853	June 25	4695	996	128	2983
Williams, Griffith D., Peckville, Pa. Feed-head for drilling-machines	847,450	Mar. 19	3471	760	127	933
Williams, Gurnsey B. (See Eccleston, S. Spencer, assignor.)						
Williams, Harry, New York, N. Y. Portable cigarette maker and filler	858,642	July 2	499	129	129	174
Williams, Harry A., Akron, Ohio. Clutch	860,590	July 16	3485	958	129	1216
Williams, Harry B., New York, N. Y. Means for indicating the deflation of tires	860,003	July 16	2617	711	129	931
Williams, Harry L., and J. T. Tice, Columbus, Ga. Machine for straightening and cleaning cotton-ties	861,339	July 30	4685	1281	129	1674
Williams, Harvey A., et al. (See Bristow, Ralph E., assignor.)						
Williams, Henry. (See Robinson, Willis E., assignor.)						
Williams, Henry E., Savannah, Tenn., assignor of one-half to H. E. Ross and A. U. Walker. Farm-gate	845,026	Feb. 19	4579	975	126	3002
Williams, Henry J. (See McClune, Cassius M., assignor.)						
Williams, Henry J., Spokane, Wash. Brick-kiln	857,702	June 25	4398	928-9	128	2910
Williams, Henry M. (See Burger, Franz, assignor.)						
Williams, Henry M. (See Burger and Williams.)						
Williams, Hobart M. (See Williams, Warren and H. M.)						
Williams, Idris R., Lorain, Ohio, assignor to National Tube Company, Pittsburg, Pa. Casting apparatus	862,364	Aug. 6	422	114	129	2217
Williams, Irvin, Nelson, and W. H. Garland, Kansas City, Mo.; said Garland assignor to said Williams. Permutation-padlock	853,569	May 14	2410	502	128	652
Williams, J. B., et al. (See Lundell, Peter W., assignor.)						
Williams, Jake C., assignor of one-half to A. B. Conner, Soperton, Ga. Umbrella-support	840,406	Jan. 1	1253	274	126	329
Williams, James A., Ironton, Ohio. Mold for forming hollow articles	864,582	Aug. 27	3890	1079	129	3389
Williams, James F., Sturgis, Miss. Harrow	847,036	Mar. 12	2642	582	127	700
Williams, James H., Coeur d'Alene, Idaho. Pencil-holder	841,365	Jan. 15	3180	684	126	898
Williams, James H., assignor to Remington and Sherman Company, Philadelphia, Pa. Adjustable bolt-bearing for vault and safe door jams	871,844	Nov. 26	3547	867	131	974
Williams, James L., Mount Hamil, Iowa. End-gate	848,146	Mar. 26	4886	1067	127	1320
Williams, James P., Latonia, Ky. Electrical signaling device	874,372	Dec. 17	4238	892-3	131	1914
Williams, James R., New York, N. Y. Safety-pocket	874,815	Dec. 24	5118	1078	131	2091
Williams, James S., Wool Market, Miss. Hoe	868,148	Oct. 15	1457	410	130	1812
Williams, James W., Stanley, Mo. Churn	867,179	Sept. 24	3731	1055	130	1265
Williams, Jennie. (See Masters, Egbert E., assignor.)						
Williams, John A., Brooklyn, assignor to United States Slot Machine Company, New York, N. Y. Vending-machine	845,284	Feb. 26	5107	1084	126	3179
Williams, John A., Brooklyn, assignor to United States Slot Machine Company, New York, N. Y. Vending apparatus	845,324	Feb. 26	5184	1100-1	126	3196

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Williams, John B. (See Landell and Williams.)						
Williams, John B., and P. W. Landell, assignors of one-third to M. N. Callender, San Francisco, Cal. Automatic flush-valve	868,619	Oct. 15	2224	618	130	2039
Williams, John C., Kansas City, Mo. Mechanical engine	866,761	Sept. 24	3086	870	130	1065
Williams, John C., Wheeling, W. Va. Awning	870,070	Nov. 5	307	85	131	103
Williams, John F., Sandusky, Ohio. Garment-hanger	867,691	Oct. 8	703	197	130	1548
Williams, John G., administrator. (See Williams and Brennecke.)						
Williams, John H., New Orleans, La. Register	843,055	Feb. 5	419	91	126	1899
Williams, John H., New London, Iowa. Valve-motion	845,154	Feb. 26	4833	1025-6	126	3109
Williams, John H., New London, Iowa. Cut-off valve	845,155	Feb. 26	4836	1026	126	3110
Williams, John K., Philadelphia, Pa. Cigar-moistener	863,769	Aug. 20	2611	722	129	2962
Williams, John L., New Haven, Conn. Fire-extinguisher	860,779	July 23	3794	1040	129	1348
Williams, John R., East Orange, N. J. Metal-plate bending or forming machine	841,838	Jan. 22	4118	887-8	126	1174
Williams, John S., Hurley, S. D. Wheel-washer	840,675	Jan. 8	1780	392	126	499
Williams, Joseph, Jr., Pittsburg, Pa. Boiler compound	868,149	Oct. 15	4458	130	1802	
Williams, Joseph A., Cleveland, Ohio. Dynamo-electric machine	854,321	May 21	3945	875	128	1081
Williams, Joseph J., Jackson, Miss. Means for producing aerial gymnastic performances	847,139	Mar. 12	2827	624	127	744
Williams, La Mont A., et al. (See Dunn and Taylor, assignors.)						
Williams, Lacey Y. (See Harrison and Williams.)						
Williams, Lacey Y., Toledo, Ohio. Making head-linings for barrels	846,885	Mar. 12	2355	517-18	127	630
Williams, Lacey Y., and F. B. Harrison, Toledo, Ohio. Car-journal-box lid	845,154	Mar. 12	2830	624	127	745
Williams, Lacey Y., and F. B. Harrison, Toledo, Ohio. Journal-box lid	851,850	Apr. 30	6322	1319	127	3337
Williams, Lewis H., Zanesville, Ohio. Sagger-crane	874,553	Dec. 24	4616	970	131	2004
Williams, Lodrick, deceased, and H. C. Brennecke, Doe Run, Mo.; J. G. Williams administrator. Grave-vault	875,562	Dec. 31	6613	1383	131	2355
Williams, Louis. (See Knowlton and Williams.)						
Williams, Louis N. D., et al. (See Morley, Joseph D., assignor.)						
Williams, Louis N. D. (See Scott, Robert W., assignor.)						
Williams, Louis N. D., et al. (See Swinglehurst, Harry, assignor.)						
Williams, Louis N. D., et al. (See Williams and Swinglehurst, assignors.)						
Williams, Louis N. D., Ogontz, assignor of one-half to R. W. Scott, Philadelphia, Pa. Knitted fabric	853,667	May 14	2614	543	128	705
Williams, Louis N. D., Ogontz, assignor of one-half to R. W. Scott, Philadelphia, Pa. Knitting-machine	853,668	May 14	2616	543	128	705
Williams, Louis N. D., Ogontz, Pa., assignor of one-half to R. W. Scott, Leeds Point, N. J. Knitted web	864,440	Aug. 27	3631	1009	129	3308
Williams, Louis N. D., Ogontz, Pa., assignor of one-half to R. W. Scott, Leeds Point, N. J. Knitted fabric	872,163	Nov. 26	4249	1014	131	1080
Williams, Louis N. D., Ogontz, and H. Swinglehurst, assignors to R. W. Scott, Philadelphia, and said Louis N. D. Williams, Ogontz, Pa. Knitting-machine	864,115	Aug. 20	3125	864-5	129	3120
Williams, Louis N. D., Ogontz, and H. Swinglehurst, assignors to R. W. Scott, Philadelphia, Pa., and said Louis N. D. Williams, Ogontz, Pa. Circular-knitting machine	864,496	Aug. 27	3716	1035	129	3337
Williams, Malcolm C., Kansas City, Mo. Cable-suspension device	870,002	Nov. 5	2808	55	131	74
Williams, Maurice R. (See Humphrey and Williams.)						
Williams, Milton F., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Dumping-cage for crushers and pulverizers	843,729	Feb. 12	1773	378	126	2273
Williams, Milton F., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Coal-crusher	850,988	Apr. 23	4558	955	127	2862
Williams, Milton F., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Crusher	851,390	Apr. 23	5377	1127	127	3067
Williams, Milton F., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis Mo. Crusher and pulverizer. (Reissue)	12,659	June 4	1442	304	128	2056
Williams, Milton F., assignor to Williams Patent Crusher & Pulverizer Company, St. Louis, Mo. Hammer for crushers and pulverizers	858,772	July 2	704	186	129	245
Williams, Nathan W., Evanston, Ill. Combined heating and ventilating system for automobiles	873,399	Dec. 10	2261	472	131	1558
Williams, Nathan W., assignor of one-fourth to M. C. Hunt, Seattle, Wash. Cash-drawer	846,710	Mar. 12	1989	437-8	127	535
Williams, Ora G. (See Phillips and Williams.)						
Williams, Oscar, Charleston, Wash. Gearing	872,269	Nov. 26	4462	1060	131	1114
Williams Patent Crusher & Pulverizer Company. (See Gardner, William H., assignor.)						
Williams Patent Crusher & Pulverizer Company. (See Williams, Milton F., assignor.)						
Williams Patent Crusher & Pulverizer Company. (See Williams, Milton F., assignor.) (Reissue.)						
Williams, Percy E., Savannah, Ga. Combination dental plugger	848,334	Mar. 26	5260	1147	127	1415
Williams, Ralph C., et al. (See Sorensen, Frederick C., assignor.)						
Williams, Richard C., London, Ontario, Canada. Adjustable sleeved axle-nut	844,490	Feb. 19	3276	707	126	2684
Williams, Robert H., Maize, Kans. Bridle	851,463	Apr. 23	5510	1154	127	3098
Williams, Robert I., Struthers, and E. F. Seacrist, Girard, Ohio. Clothes-line prop	856,994	June 11	3019	635	128	2490
Williams, Robert P., Santa Barbara, Cal. Car-wheel	851,464	Apr. 23	5511	1154	127	3099
Williams, Robert P., Santa Barbara, Cal. Air-brake attachment	851,465	Apr. 23	5512	1154	127	3099
Williams, Robert P., Santa Barbara, Cal. Connecting device for disabled railway-cars	871,547	Nov. 19	2960	739	131	849
Williams, Sidney T., Paducah, Ky. Window-shade fixture	875,027	Dec. 31	5586	1167	131	2185
Williams, Thomas B., assignor to Leavitt Machine Co., Orange, Mass. Machine for facing valves, &c.	865,739	Sept. 10	1531	433	130	498
Williams, Thomas F., New Bethlehem, Pa. Drafting apparatus	842,047	Jan. 22	4519	972	126	1267
Williams Typewriter Company. (See Secor, Jerome B., assignor.)						
Williams, W. O. (See Flora, Ellsworth E., assignor.)						
Williams, Walter G., Thompsonville, Conn., assignor of eleven-twentieths to C. J. McLain, New York, N. Y. Steaming apparatus	843,510	Feb. 5	1345	283	126	2129
Williams, Walter J., New York N. Y. Coffee-urn	871,312	Nov. 19	2444	633	131	770
Williams, Warren and H. M., Lordsburg, assignors to W. F. Spring, Los Angeles, Cal. Pump-head	865,740	Sept. 10	1533	433	130	499
Williams, William A. (See Oleson and Williams.)						
Williams, William A., Atlanta, Ga. Electric-light support	860,507	July 16	3357	922	129	1174
Williams, William E., Chicago, Ill. Chair	864,347	Aug. 27	3486	969	129	3260
Williams, William E., Chicago, Ill. Electric-welding clamp	864,348	Aug. 27	3487	969	129	3260
Williams, William W., Cortland, N. Y. Sandpaper-holder	840,982	Jan. 8	2384	522	126	648
Williamson, Albert, et al. (See Olsson, Henry A., assignor.)						
Williamson, Arthur H. (See Willis, Jacob T., assignor.)						
Williamson, Arthur H., Lachine, Quebec, Canada. Safety electric switch	842,843	Jan. 29	6249	1320	126	1736
Williamson, Benjamin M., and W. B. Ripley, Stockton, Cal. Lubricating means	854,975	May 28	5235	1090	128	1436
Williamson Bros. Company. (See Williamson, John D., Jr., assignor.)						
Williamson, Charles S., Pittsburg, Pa. Hoisting-bucket	864,278	Aug. 27	3386	941	129	3229
Williamson, Charles S., assignor of one-half to Heyl & Patterson Incorporated, Pittsburg, Pa. Coal-handling bridge	858,314	June 25	5609	1200-1	128	3215

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Williamson, Edward, <i>et al.</i> (See Olsson, Henry A., assignor.)						
Williamson, Eli S., Buffalo, N. Y. Pipe-coupling.	867,628	Oct. 8	618	174	130	1523
Williamson, Ernest S., Kerang, Victoria, Australia. Spade and analogous implement.	844,904	Feb. 19	4340	928	126	2945
Williamson, George E., Durango, Colo. Trace-buckle.	875,305	Dec. 31	6116	1276	131	2273
Williamson, George F., New York, N. Y. Cue-rest.	855,684	June 4	461	97	128	1813
Williamson, John. (See Bradley, Charles W., assignor.)						
Williamson, John. (See Carswell, Alexander, assignor.)						
Williamson, John B., assignor of one-half to W. J. Wark, Marietta, Ohio. Clay-screen.	842,599	Jan. 29	5728	1210-11	126	1609
Williamson, John D., Jr., assignor to Williamson Bros. Company, Philadelphia, Pa. Attachment for steering-gear.	871,548	Nov. 19	2962	739	131	849
Williamson, John H., and W. C. Moore, St. Joseph, Mo. Reversible slide and hose-protector.	872,490	Dec. 3	363	74	131	1224
Williamson, Joseph H., Chicago, Ill. Box.	840,277	Jan. 1	985	214	126	265
Williamson, Robert B., Norwood, Ohio, assignor to Bullock Electric Manufacturing Company. Dynamo-electric machine.	860,953	July 23	4071	1114-15	129	1440
Williamson, Samuel F., Philadelphia, Pa. Wainscoting.	868,382	Oct. 15	1834	516	130	1913
Williamson, Sydney B., Baltimore, Md. Reinforcing-bar for concrete and like material.	843,424	Feb. 5	1157	243	126	2081
Williamson, Sydney B., Baltimore, Md. Reinforcing-bar for concrete, &c.	863,959	Aug. 20	2903	799	129	3053
Williamson, Wallace W., Syracuse, N. Y. Dental engine.	863,478	Aug. 13	2169	587	129	2791
Williamson, William. (See Clough, Edwin S., assignor.)						
Williamson, William, Saginaw, Mich. Extension-ladder.	873,110	Dec. 10	1689	352	131	1464
Williamson, William H., Toronto, Ontario, Canada. Clasp.	842,987	Feb. 5	290	63	126	1863
Williamson, William L., Collins, Miss. Flue-support.	851,720	Apr. 30	6060	1265	127	3268
Williamson, Zephaniah E., Sheffield, Ill. Vehicle.	872,877	Dec. 3	1180	251	131	1352
Willig, John, Harris, Minn. Plow.	869,952	Nov. 5	111	31	131	37
Williman, Anton, Washington, Mass. Animal-poke.	852,250	Apr. 30	7122	1491	127	3539
Williman, Anton, Washington, Mass. Knockdown crate.	873,645	Dec. 10	2727	577	131	1641
Willing, Claude R., assignor of one-half to R. H. Young, Nanticoke, Md. Fishing-tackle.	843,651	Feb. 12	1637	347	126	2238
Willing, George T. H., assignor of one-half to S. J. Windsor, Dames Quarter, Md. Card-holder.	858,315	June 25	5612	1201	128	3216
Willings, Joseph B., Vanburen, Ind. Stuffing-box.	851,147	Apr. 23	4872	1025	127	2941
Willink, John H. (See Norwood and Willink.)						
Willink, William A. T., Brooklyn, N. Y., assignor, by mesne assignments, of four-fifths to Cuba Manufacturing Company. Charcoal-retort.	871,313	Nov. 19	2447	633	131	771
Willis, Alonzo C., Concord, N. H. Axle-nut.	849,952	Apr. 9	2592	539	127	2284
Willis, Edward J., Richmond, Va. Induction-motor.	843,981	Feb. 12	2239	479-80	126	2389
Willis, Edward M., Kenton, Ohio. Bottle-stopper.	875,397	Dec. 31	6311	1315	131	2303
Willis, George L. (See Gamel, Willis, and Bonner.)						
Willis, George M., Chicago, Ill. Measuring instrument.	843,189	Feb. 5	719	149-50	126	1975
Willis, George W., Hoosick Falls, N. Y. Adjustable fastener for securing harrow-teeth to their supporting bars.	851,580	Apr. 23	5751	1201	127	3161
Willis, Georgina T., New York, N. Y. Hand-bag.	875,398	Dec. 31	6312	1315	131	2303
Willis, Grover C., assignor of one-half to E. Hutson, Vliets, Kans. Mail-carrier.	869,121	Oct. 22	3000	829	130	2304
Willis, Halle E., assignor to Kendrick & Davis, Lebanon, N. H. Electric induction-battery.	840,728	Jan. 8	1890	416	126	526
Willis, Henry M., East Williston, N. Y. Safety device or pin.	842,600	Jan. 29	5729	1211	126	1610
Willis, Henry M., East Williston, N. Y. Bundle-carrier.	850,705	Apr. 16	4036	843	127	2691
Willis, Henry M., Hempstead, N. Y. Combined pocket-knife and manicuring-tool.	870,604	Nov. 12	1148	313	131	406
Willis, Jacob T., assignor of one-half to A. H. Williamson, Macon, Ga. Pipe-coupling.	852,365	Apr. 30	7335	1541	127	3591
Willis, James A., assignor of three-fourths to F. E. Wire, Libertyville, Ill. Railway-tie.	854,787	May 28	4857	1009	128	1338
Willits, Horace G., Davenport, Iowa. Railway-tie.	874,146	Dec. 17	3784	797-8	131	1838
Willits, Ralph, Indianapolis, Ind. Railway-rail.	868,743	Oct. 22	2435	674	130	2129
Willitts, William C., Eckford, Mich. Carriage-top attachment.	846,172	Mar. 5	920	194	127	234
Willius, Gustav, Jr., St. Paul, Minn. Motor-extension receptacle.	851,581	Apr. 23	5752	1202	127	3161
Willix, Enos B., Mount Vernon, Iowa, and E. L. Keith, Smith, S. D.; said Keith assignor to said Willix. Voting-machine.	865,975	Sept. 10	1905	534	130	625
Willix, Enos B., and E. L. Keith, Mount Vernon, Iowa; said Keith assignor to said Willix. Voting-machine.	865,976	Sept. 10	1908	534-7	130	627
Willix, Enos B., and J. Young, Mount Vernon, Iowa. Voting-machine.	864,279	Aug. 27	9338	741-2	129	3230
Willmann, Joseph, Rome, N. Y. Float.	857,703	June 25	4400	929	128	2910
Willmann, Joseph, Shelton, Conn. Apparatus for killing bacteria in liquids.	867,089	Sept. 24	3591	1018	130	1218
Willmarth, Charles A., assignor to B. W. Marvin, Detroit, Mich. Machine for weaving wire fences.	847,533	Mar. 19	3626	800	127	975
Willmer, Arnold, Linden, assignor to Gebr. Körting, Aktiengesellschaft, Körtingsdorf, near Hanover, Germany. Fastening water-cooled valve-boxes to the cylinders of combustion-engines.	859,161	July 2	1308	348	129	441
Willms, Charles, Baltimore, Md. Water-closet seat.	840,032	Jan. 1	474	103-4	126	128
Willms, Charles, Baltimore, Md. Water-tank.	848,147	Mar. 26	4887	1067	127	1320
Willms, Charles, Baltimore, Md. Tank-float.	849,707	Apr. 9	2141	440	127	2168
Willms, Charles, Baltimore, Md. Flushing-tank.	849,708	Apr. 9	2142	440	127	2168
Willms, Charles, Baltimore, Md. Flushing-tank.	850,989	Apr. 23	4559	955	127	2862
Willms, Charles, Baltimore, Md. Water-tank.	869,953	Nov. 5	111	31	131	37
Willoughby, Alfred B., Philadelphia, Pa. Shaking-grate.	857,135	June 18	3301	696	128	2602
Willoughby, Alfred B., Philadelphia, Pa. Shaking-grate.	857,136	June 18	3303	696	128	2603
Willoughby, Alfred B., Philadelphia, Pa. Grate.	861,784	July 30	5383	1455	129	1887
Willoughby, John T. (See O'Neill, George E., assignor.)						
Willour, Le Roy, Ashland, Ohio. Clothes-line holder.	842,988	Feb. 5	291	63	126	1363
Willour, Le Roy, Ashland, Ohio. Store-service ladder.	846,371	Mar. 5	1290	284	127	325
Wills, Walter R., Sheffield, England. Furnace.	840,542	Jan. 8	1526	337	126	436
Wills, Walter R., Sheffield, England. Steam-generator.	842,284	Jan. 29	5029	1074	126	1427
Willsea, Louis P., Rochester, N. Y. Centrifugal machine.	870,655	Nov. 12	1245	338	131	440
Willson Carbide Company. (See King, Jesse C., assignor.)						
Willson Carbide Works Company of St. Catharines. (See Creelman, Frank, assignor.)						
Willson Carbide Works Company of St. Catharines. (See King, Jesse C., assignor.)						
Wilson, Edward T., Plainfield, N. J. Counter.	855,827	June 4	745	154	128	1883
Wilson, Freeman R., Jr., Worthington, assignor to J. A. Jeffrey, Columbus, Ohio. Conveyor.	840,729	Jan. 8	1892	416-17	126	527
Wilson, Freeman R., Jr., Worthington, assignor to J. A. Jeffrey, Columbus, Ohio. Cable attachment.	870,003	Nov. 5	209	55-6	131	75
Wilson, James O. (See Sheridan, Andrew J., assignor.)						
Wilson, John E., Norman, Okla. Ter. Curtain-pole.	844,704	Feb. 19	3954	838	126	2844
Wilson, Mendal W., assignor of two-thirds to J. R. Walker and L. P. Leathers, St. Louis, Mo. Electric water-heater.	867,863	Oct. 8	974	278	130	1630
Wilson, Mendal W., assignor of two-thirds to J. R. Walker and L. P. Leathers, St. Louis, Mo. Automatic car-wheel-flange greaser.	871,549	Nov. 19	2964	739-40	131	849
Wilson, Samuel T., Denver, Colo. Burner.	865,843	Sept. 10	1718	478	130	370
Willson, Thomas A., Reading, Pa. Spectacle-temple.	841,755	Jan. 22	3937	852	126	1123

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Willson, Thomas L., Ottawa, Ontario, Canada. Producing metallic silicids.....	847,267	Mar. 12	3088	127	809
Willson, Thomas L., Ottawa, Ontario, Canada. Producing metallic silicid.....	847,300	Mar. 12	3145	.....	127	824
Willson, Thomas L., assignor, by mesne assignments, to International Marine Signal Company, Limited, Ottawa, Ontario, Canada. Fog-signal.....	861,786	July 30	5385	1486	129	1888
Willson, Thomas L., Ottawa, Ontario, Canada, assignor, by mesne assignments, to United States Marine Signal Company, Jersey City, N. J. Signal-buoy.....	873,917	Dec. 17	3280	700-1	131	1764
Willson, Thomas L., Ottawa, Ontario, Canada, assignor, by mesne assignments, to United States Marine Signal Company, Jersey City, N. J. Buoy.....	874,646	Dec. 24	4804	1009	131	2037
Willson, Thomas L., Ottawa, Ontario, Canada, assignor, by mesne assignments, to United States Marine Signal Company, Jersey City, N. J. Buoy.....	875,140	Dec. 31	5805	1211	131	2222
Willson, William W. (See Dierdorff and Willson.)						
Wilm, Ferdinand G. A., Drewitz, Germany. Improving aluminium alloys by heating and chilling.....	868,383	Oct. 15	1835	516	130	1913
Wilmore, John T., Denver, Colo. Means for turning and arranging can-caps.....	847,451	Mar. 19	3474	761	127	934
Wilmore, John T., Denver, Colo. Conveyor.....	849,345	Apr. 2	1454	295	127	1957
Wilmot Castle Company. (See Castle, Wilmot, assignor.)						
Wilmot, John D., Denver, Colo. Electric igniter.....	845,836	Mar. 5	202	41	127	53
Wilmot, John F., Detroit, Mich. Adjustable reclining-chair.....	868,062	Oct. 15	1330	371	130	1762
Wilmowsky, Erwin F. von. (See Boyes and Wilmowsky.)						
Wilmshöfer, Carl, Erfurt, Germany. Stiffening-cap for shoes.....	853,140	May 7	1545	321	128	390
Wilner, Elias R., New York, N. Y. Incandescent gas-lamp.....	874,716	Dec. 24	4947	1039	131	2059
Wilsey, Clyde F., Ashley, Ind. Farm-gate.....	874,472	Dec. 24	4427	934	131	1978
Wilshusen, August E., Stafford, Kans. Lister-cultivator.....	855,372	May 28	6012	1255	128	1633
Wilson, Adoniram J. (See Breese and Wilson.)						
Wilson, Adoniram J., Westfield, N. J., assignor to Hall Signal Company. Block-signal- ing system for railways.....	842,285	Jan. 29	5031	1075	126	1427
Wilson, Adoniram J., Westfield, N. J., assignor to Hall Signal Company. Electric block- signaling system.....	842,366	Jan. 29	5212	1107	126	1477
Wilson, Adoniram J., Westfield, N. J., assignor to Hall Signal Company. Electric block and block-section signaling system.....	842,367	Jan. 29	5216	1107	126	1478
Wilson, Albert D. (See Wilson, Frederick D. and A. D.)						
Wilson, Albert S. (See Ingram, Fred F., assignor.)						
Wilson, Alexander G., Chicago, Ill. Hinge.....	864,747	Aug. 27	4144	1150	129	3466
Wilson, Alexander R., Spokane, Wash. Saw-swage.....	856,381	June 11	1872	386	128	2204
Wilson, Alfred E., Victoria, British Columbia, Canada. Non-refillable box.....	868,744	Oct. 22	2438	674	130	2130
Wilson, Andrew I., New York, N. Y. Snow-melting apparatus.....	859,356	July 9	1621	432	129	578
Wilson, Andrew J., Tonopah, Nev. Sash-holder.....	866,898	Sept. 24	3283	924	130	1124
Wilson, Archibald R., Chicago, Ill. Laundry device.....	865,069	Sept. 3	486	134	130	148
Wilson, Arthur H., assignor of one-half to D. Pryor, Logooote, Ill. Tire-bolting machine.....	850,809	Apr. 16	4207	884	127	2733
Wilson, Asbury G. (See Ames, Azel, Jr., assignor.)						
Wilson, Asbury G., Wilkinsburg, assignor to Union Switch and Signal Company, Swiss- vale, Pa. Railway switch-operating and signaling system.....	856,324	June 11	1725	358	128	2165
Wilson, Barton S. (See McIntosh, Clayton A., assignor.)						
Wilson, Ben T., Nacogdoches, Tex. Noise-deadening means for drain-pipes.....	866,762	Sept. 24	3088	870	130	1065
Wilson, Benjamin L., Washington, Kans. End-gate for wagons.....	863,479	Aug. 13	2173	587	129	2793
Wilson, Catherine E., executrix. (See Wilson, F. Cortez.)						
Wilson, Charles, assignor of one-half to W. Benning, Chicago, Ill. Nut and bolt turning attachment for pneumatic hammers.....	865,622	Sept. 10	1361	385	130	445
Wilson, Charles F., Brooklyn, N. Y. Trolley-wheel.....	856,503	June 11	2096	431	128	2259
Wilson, Clark, New York, N. Y. Cup-setting.....	860,508	July 16	3359	922	129	1174
Wilson, Curtis S., assignor of one-half to L. A. Conklin, Forest, Ohio. Nut-lock.....	848,523	Mar. 26	5612	1227	127	1700
Wilson, Dalton K., Gladbrook, Iowa. Combined hog-stop and cattle-pass.....	854,322	May 21	3946	815	128	1081
Wilson, Dalton K., Gladbrook, assignor to W. Galloway Company, Waterloo, Iowa. Pusher for manure-spreaders.....	862,597	Aug. 6	844	225	129	2346
Wilson, Dalton K., assignor to William Galloway Company, Waterloo, Iowa. Manure- spreader.....	871,845	Nov. 26	3548	868	131	975
Wilson, Dalton K., assignor to William Galloway Company, Waterloo, Iowa. Riding attachment for harrows.....	871,846	Nov. 26	3549	868	131	975
Wilson, Dalton K., assignor to William Galloway Company, Waterloo, Iowa. Velocipede.....	871,847	Nov. 26	3551	868	131	975
Wilson, David, Riccarton, Linlithgow, Scotland. Potato cleaning and sizing machine.....	851,466	Apr. 23	5514	1154-5	127	3699
Wilson, David H., assignor to G. W. Kretzinger, Chicago, Ill. Telephone system.....	860,175	July 16	2855	779	129	1010
Wilson, Dwight O., Yankton, S. D. Mold for hollow-wall construction.....	852,534	May 7	309	56	128	84
Wilson, Earl G., and W. B. Goodwin, Columbus, Ohio. Attaching means for electric lamps.....	843,316	Feb. 5	984	202	126	2039
Wilson, Ebenezer, Findlay, Ohio. Music-indicator.....	860,890	July 23	3971	1088	129	1407
Wilson, Edgar C., et al. (See Wirt, Reuben D., assignor.)						
Wilson, Emma M. (See Harris, Winfred W., assignor.)						
Wilson, Eric A., and C. Rigdon, assignors of one-half to D. D. Murray and T. F. McGil- vray, Duluth, Minn. Sewage elevating and discharging apparatus.....	842,286	Jan. 29	5037	1075	126	1429
Wilson, Eugene, Fort Smith, Ark. Stamp-affixing device.....	874,274	Dec. 17	4049	855	131	1881
Wilson, F. Cortez, deceased, Chicago, Ill.; C. E. Wilson, executrix. Acetylene-gas gen- erator.....	862,527	Aug. 6	719	193-4	129	2309
Wilson, F. Cortez, deceased, Chicago, Ill.; C. E. Wilson, executrix. Measuring-pump.....	869,469	Oct. 29	3565	977	130	2506
Wilson, Frederick D. and A. D., Ottumwa, Iowa. Corn-harvester.....	856,828	June 11	2710	560-1	128	2415
Wilson, Frederick E. (See Mainster and Wilson.)						
Wilson, Garland D., Surveyor, W. Va. Gearing.....	870,605	Nov. 12	1149	313	131	406
Wilson, George E. (See Campbell and Wilson.)						
Wilson, George E., and W. J. Frawley, Stillwater, Minn. Cylinder steam-jacket.....	847,712	Mar. 19	4012	877	127	1072
Wilson, George E., and W. J. Frawley, Stillwater, Minn. Reheater.....	847,713	Mar. 19	4013	877	127	1072
Wilson, Harold K., New Bedford, Mass. Device for lighting gas-lamps.....	850,509	Apr. 16	3643	762	127	2592
Wilson, Harry, assignor of one-half to W. B. Lindsey, Washington, D. C. Indicator.....	853,612	May 14	2506	520	128	677
Wilson, Harry, and R. L. Greenwell, Washington, D. C. Cuspidor.....	852,482	May 7	194	35	128	57
Wilson, Harvey, Brooklyn, Ohio. Hot-water boiler.....	873,111	Dec. 10	1682	352-3	131	1464
Wilson, Herbert W., Springfield, S. D. Sleeping-bag.....	857,507	June 18	4008	853	128	2779
Wilson, Herman, Waskada, Manitoba, Canada. Wardrobe-slide.....	859,273	July 9	1479	395	129	531
Wilson, Howard B., New York, assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machine.....	865,741	Sept. 10	1534	433-4	130	499
Wilson & Hurd Manufacturing Co. (See Hurd, Arthur J., assignor.)						
Wilson, James, Livingston, Ill. Safety device for mine-shafts.....	861,785	July 30	5385	1485	129	1888
Wilson, James G., New York, N. Y. Warehouse-door.....	875,306	Dec. 31	6117	1276-7	131	2273
Wilson, James H., Mount Airy, Iowa. Gate.....	875,399	Dec. 31	6313	1316	131	2304
Wilson, James L. (See Hitchcock and Wilson.)						
Wilson, James P., Chicago, Ill. Garment-clasp.....	869,285	Oct. 29	3258	897	130	2412
Wilson, James S. (See MacDonald, William H., assignor.)						
Wilson, James T., New York, N. Y. Construction of concrete aqueducts, tunnels, sub- ways, and the like.....	866,833	Sept. 24	3191	897-8	130	1097

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Wilson, James T., Cynthiana, Ky. Gage for type-setting machines.....	871,902	Nov. 26	3673	896	131	994
Wilson, John A., Morehead, Kans. Buckle.....	856,829	June 11	2713	561	128	2415
Wilson, John A., Jr., assignor to Detroit Auto Specialty Co., Detroit, Mich. Radiator for automobiles.....	855,373	May 28	6014	1255	128	1633
Wilson, John A., Jr., assignor to Detroit Auto Specialty Co., Detroit, Mich. Radiator for automobiles.....	855,374	May 28	6015	1255	128	1634
Wilson, John C., Boston, Mass., assignor to Automatic Time Stamp Company, Portland, Me. Printing-machine or time-stamp.....	874,047	Dec. 17	3544	755	131	1806
Wilson, John C., Houston, Tex. Coin-controlled vending-machine.....	860,428	July 16	3239	886-7	129	1134
Wilson, John H. (See Strother, George W., assignor.)						
Wilson, John H., Carlisle, Pa. Feeder and band-cutter for threshing-machines.....	858,843	July 2	839	218-19	129	290
Wilson, John H., Carlisle, Pa. Flying-machine.....	859,274	July 9	1480	395	129	531
Wilson, John H., assignor to National Insulating and Mfg. Co., Indianapolis, Ind. Composition.....	861,150	July 23	4367		129	1535
Wilson, John H., assignor to National Insulating and Mfg. Co., Indianapolis, Ind. Pipe-covering.....	861,927	July 30	5590	1544	120	1950
Wilson, John H., New Kensington, assignor to Aluminum Cooking Utensil Co., Pittsburgh, Pa. Kettle-cover.....	866,318	Sept. 17	2427	677-8	130	820
Wilson, John L., Everett, assignor to Steel Cable Engineering Company, Boston, Mass. Conveyor-loading device.....	875,307	Dec. 31	6119	1277	131	2274
Wilson, John M., Montclair, N. J. Removing paint and varnish.....	872,314	Nov. 26	4550	1077	131	1129
Wilson Laboratory Company. (See Morehead, James T., assignor.)						
Wilson, Leonard, Schenectady, N. Y., assignor to General Electric Company. Current-converter.....	872,549	Dec. 3	493	104	131	1244
Wilson, Lewis, and F. I. Matthews, Oakland, Cal. Power-hammer.....	855,151	May 28	5621	1169	128	1533
Wilson, Lyman A., New York, N. Y. Safety-closure for receptacles.....	875,481	Dec. 31	6468	1352	131	2330
Wilson, M. D. (See Lyons, John C., assignor.)						
Wilson, Magnus, et al. (See Bickle, Henry J., assignor.)						
Wilson, Matthew, Dysart, Iowa. Driving mechanism for traction-engines.....	839,914	Jan. 1	229	49	126	64
Wilson, Merit E., Holdenville, Ind. Ter. Grain-drill.....	841,295	Jan. 15	3039	658	126	860
Wilson, Myron I., Ohlman, Ill. Gear-evener and power-indicating means.....	854,070	May 21	3474	716	128	958
Wilson, Otto A., Blythedale, Mo. Metal fence-post.....	847,141	Mar. 12	2832	625	127	746
Wilson, Ralph B., Chicago, Ill. Loose-leaf ledger.....	847,628	Mar. 19	3850	841	127	1032
Wilson, Ralph B., Chicago, Ill. Loose-leaf binder.....	868,239	Oct. 15	1595	452-3	130	1842
Wilson, Reason M., Indiana Harbor, Ind. Dumping-wagon.....	840,407	Jan. 1	1254	274-5	126	329
Wilson, Robert, West Lynn, Mass., assignor to General Electric Company. Steam-turbine.....	854,788	May 28	4858	1009	128	1338
Wilson, Robert J., Pittsburg, Pa. Air-brake apparatus.....	845,500	Feb. 26	5334	1173	126	3283
Wilson, Robert J., Pittsburg, Pa. Air-brake apparatus.....	852,007	Apr. 30	66-9	1354	127	3418
Wilson, Samuel E., Franklin, Ky. Clothes-drier.....	869,673	Oct. 29	3902	1073	130	2609
Wilson, Samuel T., Charleston, W. Va. Flour purifier, aspirator, and bleacher.....	843,783	Feb. 12	1865	398	126	2295
Wilson, Samuel T., assignor of two-thirds to J. Carr and H. W. Sentz, Charleston, W. Va. Rotary grain-scourer.....	870,071	Nov. 5	308	85	131	104
Wilson, Samuel W., Niles, Ohio. Safety attachment for pocket-books.....	861,008	July 23	4169	1142	129	1471
Wilson, Sara B., Buffalo, N. Y. Thread-guard.....	843,190	Feb. 5	731	150	126	1980
Wilson, Stephen G., Philadelphia, Pa. Broom-handle.....	855,152	May 28	5623	1170	128	1534
Wilson, Stephen G., Philadelphia, Pa. Bowling-ball.....	863,126	Aug. 13	1661	445	129	2633
Wilson, Steven. (See Duncker, William F., assignor.)						
Wilson, Thomas, Hull, England. Valve-motion for engines.....	853,139	May 7	1543	321	128	390
Wilson, Thomas, Ottawa, Ontario, Canada. Adjustable roof.....	864,941	Sept. 3	277	74	130	88
Wilson, Thomas G., Center Hall, Pa. Combined curtain-pole and shade support.....	848,949	Apr. 2	689	138	127	1763
Wilson, Thomas G., Los Angeles, Cal. Crate.....	852,366	Apr. 30	7336	1541	127	3591
Wilson, Thomas H. (See James and Wilson.)						
Wilson, Thomas J., Quitman, Ga. Wheel-fender.....	870,072	Nov. 5	309	85	131	104
Wilson, Thomas K., Chillicothe, Ohio. Railway-switch.....	842,930	Feb. 5	176	40-1	126	1834
Wilson, Turner W., assignor to W. E. Wilson, Washington, D. C. Flux for welding copper.....	847,629	Mar. 19	3853		127	1033
Wilson, Wallace. (See Pulster, Henry, assignor.)						
Wilson, William, Garfield, Kans. Draft-equalizer.....	847,389	Mar. 19	3347	734	127	901
Wilson, William, Oakland, Cal. Bottle.....	849,179	Apr. 2	1146	232	127	1881
Wilson, William, Boston, Mass., assignor to Campbell Bosworth Machinery Company, Portland, Me. Work-guiding device.....	847,714	Mar. 19	4014	877	127	1073
Wilson, William A., Arlington, Nebr. Stovepipe-hanger.....	873,198	Dec. 10	1857	389	131	1491
Wilson, William C. (See Howell, Harry H., assignor.)						
Wilson, William E. (See Wilson, Turner W., assignor.)						
Wilson, William G., Wheatland, Cal. Shears-sharpener.....	849,180	Apr. 2	1147	232	127	1882
Wilson, William H., et al. (See Nolan, James M., assignor.)						
Wilson, William H., Norwalk, Ohio. Die-stock.....	853,329	May 14	1962	406	128	536
Wilson, William H., Dallas, Tex. Chair-dowel for building purposes.....	868,053	Oct. 15	1332	371-2	130	17-3
Wilson, William L., Linton, W. Va. By-pass valve.....	852,008	Apr. 30	6650	1384-5	127	3418
Wilson, William R., Toronto, Ontario, Canada. Coal-mine tippie and screen plant.....	842,439	Jan. 29	5392	1141	126	1529
Wilton, Edward, Jersey City, N. J., assignor to G. H. Clarke, Brooklyn, N. Y. Locking device for grate-bars.....	866,173	Sept. 17	2214	616-17	130	754
Wilton, George, London, and T. Wilton, Beckton, London, England. Furnace.....	862,598	Aug. 6	845	225	129	2346
Wilton, Thomas. (See Wilton, George and T.)						
Wiltse, Clarence B., Mount Kisco, N. Y. Bottle.....	868,516	Oct. 15	2040	573	130	1977
Wily, Arthur S., New York, N. Y. Steam-cooker.....	848,081	Mar. 26	4783	1043	127	1294
Wimmer, Charles I., Columbus, Ohio. Window-shade bracket.....	869,674	Oct. 29	3903	1073	130	2609
Wimmer, John, deceased, Indianapolis, Ind.; Indiana Trust Company, executor. Manufacturing bifocal lenses.....	848,335	Mar. 26	5264	1148	127	1416
Wimmer, Robert, assignor to Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Reducing indigo coloring-matters.....	843,566	Feb. 5	1475		126	2160
Wimpy, William E. (See Gehman and Giannone, assignors.)						
Winans, Edwin, assignor to Y-Nan-S Treadle Co., New York, N. Y. Power-transmitting device.....	869,820	Oct. 29	4113	1136	130	2669
Winans, Thomas J., assignor to Nineteen Hundred Washer Co., Binghamton, N. Y. Operating mechanism for washing-machines.....	841,005	Jan. 15	3612	785	126	1010
Winans, Thomas J., assignor to Nineteen Hundred Washer Company, Binghamton, N. Y. Operating mechanism.....	841,606	Jan. 15	3614	786	126	1010
Winans, Wesley G., assignor of five-eighths to F. R. Culbertson and L. Eisenberg, Spokane, Wash. Counter-stool.....	850,453	Apr. 16	3530	738	127	2563
Winans, William A. (See Seagondollar and Winans.)						
Winburn, Charles. (See King and Winburn.)						
Winbush, Amos, Ruston, assignor one-half to A. W. Wiley, Vernon, La. Fish trap-hook.....	866,174	Sept. 17	2215	617	130	754
Winchell, James F., deceased, Springfield; L. L. Winchell, administratrix, assignor to C. E. Pease and W. B. Anderson, Dayton, Ohio. Grinding-mill.....	854,861	May 28	5010	1042	128	1378

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Winn, David J., Sumter, S. C. Sheet-metal roofing.....	844,983	Feb. 19	4476	955	126	2978
Winnard, George T., and J. Bedford, Sheffield, England. Pulley-block.....	840,676	Jan. 8	1781	393	126	499
Winne, Ernest, New York, N. Y. Lead-pencil.....	862,955	Aug. 13	1386	377	129	2545
Winner Block Machine Company. (See Miller, John, assignor.)						
Winnett, John S., Chicago, Ill. Amusement device.....	862,365	Aug. 6	423	115	129	2218
Winnett, John S., Detroit, Mich. Amusement device.....	862,366	Aug. 6	424	115-16	129	2218
Winningham, John W., Seattle, Wash. Cutter-head.....	862,430	Aug. 6	544	145	129	2259
Winningham, John W., Seattle, Wash. Planer-head.....	866,549	Sept. 17	2746	768	130	920
Winningham, John W., Seattle, Wash. Cutter-head setter.....	871,053	Nov. 12	1881	515	131	638
Winquist, Victor, assignor of one-half to A. Turnstrom, Rockford, and L. Stockhus, Freeport, Ill. Match holder and lighter.....	849,305	Apr. 2	1371	276	127	1937
Winship, Earl B., Rushville, Ind. Planter.....	866,993	Sept. 24	3432	972-3	130	1170
Winship, Walter E., New York, N. Y., assignor to Gould Storage Battery Company. Electrical system of distribution.....	869,286	Oct. 29	3259	897-8	130	2412
Winslow Bros. Company. (See Kail, Jackson L., assignor.)						
Winslow, Edward J., Chicago, Ill. Building construction.....	844,294	Feb. 12	2863	610	126	2544
Winslow, Edward J., Chicago, Ill. Building construction.....	844,295	Feb. 12	2866	610	126	2544
Winslow, Edward J., Chicago, Ill. Building construction.....	844,296	Feb. 12	2870	611	126	2545
Winslow, Edward J., Chicago, Ill. Reinforced vault.....	871,655	Nov. 19	3148	781	131	882
Winslow, Edward J., Chicago, Ill. Sectional vault.....	871,977	Nov. 26	3860	933-4	131	1019
Winslow, George C., Albion, Mich. Pipe-wrench.....	865,553	Sept. 10	1252	356	130	410
Winslow, John H., et al. (See Heath, Noble, assignor.)						
Winslow, Sidney W., trustee. (See Rogers, Andrew W., assignor.)						
Winslow, Walter W., Laredo, Tex. Blind-slat fastener.....	867,460	Oct. 1	349	101	130	1421
Winsor, Sanford A., Chicago, Ill. Device for applying medicaments.....	859,711	July 9	2150	580	129	749
Winston, Charles S., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Telephone apparatus.....	861,340	July 30	4687	1281	129	1675
Winston, Charles S., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Telephone trunk-circuit.....	863,338	Aug. 13	1981	534	129	2733
Winston, Charles S., assignor to Kellogg Switchboard & Supply Company, Chicago, Ill. Three-wire multiple system.....	874,147	Dec. 17	3785	798	131	1839
Winston, James O., Richmond, Va. Apparatus for making molded blocks.....	849,824	Apr. 9	2349	482	127	2221
Winston, John P., et al. (See Gilechrist, Luther M., assignor.)						
Wintemute, Samuel J. (See Mitschow and Wintemute.)						
Winter, Albert H., Los Angeles, Cal. Railway-switch.....	860,843	July 23	3886	1064	129	1379
Winter, Augustus G., Chicago, Ill., assignor of one-half to E. G. Buckner, Philadelphia, Pa. Means for cleaning and cooling gun-barrels by fluid under pressure.....	854,323	May 21	3947	816	128	1082
Winter, Emil, Pittsburg, Pa. Mill for manufacture of tubes.....	869,282	Oct. 29	3251	895	130	2410
Winter, Emil, Pittsburg, Pa. Mill for manufacture of tubes, &c.....	869,283	Oct. 29	3254	896	130	2411
Winter, Emil, Pittsburg, Pa. Swaging-mill.....	869,284	Oct. 29	3256	896-7	130	2412
Winter, Frederick W., New York, N. Y. Pneumatic music-player.....	841,205	Jan. 15	2841	619	126	812
Winter, Frederick W., New York, N. Y. Pneumatic music-player.....	841,206	Jan. 15	2843	620	126	812
Winter, Frederick W., San Francisco, Cal., assignor of three-fourths to G. Behning, New York, N. Y., R. G. Green and D. C. Spence, San Francisco, Cal. Piano-player.....	856,325	June 11	1729	359	128	2165
Winter, Henry B., assignor of two-thirds to H. B. Kantner, Altoona, and D. W. Dixon, Spruce Creek, Pa. Car-coupling.....	859,275	July 9	1482	396	129	532
Winter, Herman, New York, assignor to F. Wesel Manufacturing Company, Brooklyn, N. Y. Apparatus for making stereotype-plates.....	852,642	May 7	528	103	128	141
Winter, John B., Brighton, England. Speed-indicator for velocipedes, &c.....	861,341	July 30	4689	1281-2	129	1675
Winter, Louis M., St. Louis, Mo. Wiping attachment for power embossing-presses.....	840,280	Jan. 1	991	215-16	126	267
Winter, Oscar, Elyria, Ohio. Piston-ring expander.....	855,031	May 28	5363	1114	128	1468
Winter, Oscar, Elyria, Ohio. Piston-ring contractor.....	861,342	July 30	4690	1282	129	1676
Winter, Oscar, Philadelphia, Pa. Sectional table-pad.....	871,314	Nov. 19	2449	634	131	772
Winter, Rudolph G., Milwaukee, Wis. Hinge. (Reissue.)	12,692	Sept. 3	914	261-2	130	276
Winter, William A. (See Aszman, Edward C., assignor.)						
Winter, William G., assignor to Emerson Electric Manufacturing Company, St. Louis, Mo. Binding-post.....	857,137	June 18	3304	696	128	2603
Winterborne, William H., San Antonio, Tex. Illusion-car.....	848,796	Apr. 2	365	72	127	1682
Winters, Charles N. (See Magie and Winters.)						
Winters, George W., De Queen, Ark. Butter-separator.....	874,148	Dec. 17	3789	798	131	1839
Winters, George W., Wichita, assignor of one-half to A. R. Friedeman, Great Bend, Kans. Stock-car.....	859,793	July 9	2268	616-17	129	788
Winton, Alexander, Cleveland, Ohio. Gasolene-carbureter.....	869,675	Oct. 29	3904	1074	130	2609
Winton, Alexander, and H. B. Anderson, assignors to Winton Motor Carriage Company, Cleveland, Ohio. Fan for automobile cooling systems.....	843,380	Feb. 5	1089	225	126	2065
Winton Motor Carriage Company. (See Winton and Anderson, assignors.)						
Wintrobe, Charles E., Huntington, Ind. Metallic culvert.....	864,714	Aug. 27	4098	1137	129	3453
Wipe-Joint Machine Company. (See Corcoran, Richard M., assignor.) (Reissue.)						
Wire, Frank E. (See Willis, James A., assignor.)						
Wire Goods Company. (See Bement, Frank, assignor.)						
Wire Goods Company. (See Bement, William O., assignor.)						
Wire & Telephone Company of America. (See Houghton, Stephen C., assignor.)						
Wires, Pearl J., Osborn, Ohio. Trolley.....	842,740	Jan. 29	6052	1275-6	126	1689
Wirsching, Aloys, Brooklyn, N. Y. Electric self-winding clock.....	863,339	Aug. 13	1983	534	129	2734
Wirsching Organ Company. (See Wirsching, Philipp, assignor.)						
Wirsching, Philipp, assignor to Wirsching Organ Company, Salem, Ohio. Self-acting membrane-packing.....	840,408	Jan. 1	1256	275	126	329
Wirsching, Philipp, assignor to Wirsching Organ Company, Salem, Ohio. Multipressure bellows for pipe-organs.....	865,467	Sept. 10	1099	313	130	363
Wirsing, Charley. (See Dove and Wirsing.)						
Wirt, George A., Greensburg, Ind. Mail-box.....	868,590	Oct. 15	2176	607	130	2025
Wirt, George A., Greensburg, Ind. Mail-box.....	874,718	Dec. 24	4954	1040	131	2060
Wirt, Herbert C., Schenectady, N. Y., assignor to General Electric Company. Pendant switch.....	840,182	Jan. 1	790	172	126	212
Wirt, Paul E., Bloomsburg, Pa. Self-filling fountain-pen.....	841,475	Jan. 15	3379	730	126	949
Wirt, Paul E., Bloomsburg, Pa. Spring attachment for suspenders, &c.....	852,367	Apr. 30	7338	1542	127	3592
Wirt, Paul E., Bloomsburg, Pa. Fountain-pen.....	852,368	Apr. 30	7340	1542	127	3592
Wirt, Paul E., Bloomsburg, Pa. Press-bar-locking device.....	852,369	Apr. 30	7312	1542	127	3592
Wirt, Reuben D., Philadelphia, Pa. Automatic hose-valve.....	847,268	Mar. 12	3090	681	127	809
Wirt, Reuben D., Philadelphia, Pa. Regulator.....	854,393	May 21	4075	842	128	1113
Wirt, Reuben D., Philadelphia, Pa. Hose-rack.....	856,326	June 11	1735	360	128	2166
Wirt, Reuben D., assignor of one-half to E. C. Wilson and R. Keables, Philadelphia, Pa. Garden-reel.....	873,143	Dec. 10	1747	367	131	1474
Wirth, Louis, Hanover, Germany. Apparatus for preparing and storing boiled hams.....	871,250	Nov. 19	2299	601	131	749
Wirtz, John W., and E. J. Herulen, Augusta, Ga. Hay-press.....	870,005	Nov. 5	211	56	131	76
Wise, Alexander E., New York, N. Y. Garment-marking device.....	870,209	Nov. 5	528	144	131	173

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Wise, Alexander N., Americus, Kans. Adjustable head-rest for cooling-boards.	845,916	Mar. 5	339	81	127	103
Wise, Byron P., Akron, Ohio. Fender for motor-vehicles.	861,624	July 30	5137	1410	129	1815
Wise, Charles E., Brooklyn, N. Y. Book-cover.	848,714	Apr. 2	191	39	127	1637
Wise, Franklyn M., assignor to American Diamond Blast Company, New York, N. Y. Sand-blast apparatus.	847,269	Mar. 12	3092	681	127	810
Wise, Franklyn M., assignor to American Diamond Blast Company, New York, N. Y. Sand-blast apparatus.	847,270	Mar. 12	3094	682	127	811
Wise, Harry J. and T. T. Wayzata, Minn. Gun-sight.	846,173	Mar. 5	921	195	127	234
Wise, James B., Watertown, N. Y. Sheet-metal handle.	864,817	Sept. 3	79	23	130	27
Wise, Melvin J., and J. L. Rhea, Bloomington, Ill. Addressing-machine.	857,704	June 25	4401	929-30	128	2911
Wisc, Nathan, New York, N. Y. Automatic safety-burner.	852,370	Apr. 30	7344	1542-3	127	3592
Wise, Thomas T. (See Wise, Harry J. and T. T.)						
Wise, William L., assignor of one-half to G. W. Smith, Kansas City, Mo. Weather-strip for doors.	874,474	Dec. 24	4430	934	131	1979
Wiseloge, Frederick G., Indianapolis, Ind. Sectional drier.	840,543	Jan. 8	1529	338	126	436
Wiseloge, Frederick G., Indianapolis, Ind., assignor to United States Construction and Utilization Company, Rochester, N. Y. Sanitary dump-wagon.	842,365	Jan. 29	5211	1106-7	126	1476
Wiseloge, Frederick G., Indianapolis, Ind., assignor to United States Construction and Utilization Company, Rochester, N. Y. Slop-drier.	843,652	Feb. 12	1638	347	126	2239
Wiseloge, Frederick G., Indianapolis, Ind., assignor to United States Construction and Utilization Company, Rochester, N. Y. Rendering-tank.	846,539	Mar. 12	1654	367-8	127	450
Wiseloge, Frederick G., Indianapolis, Ind., assignor to United States Construction and Utilization Company, Rochester, N. Y. Evaporator and extractor for garbage reduction.	857,372	June 18	3750	793	128	2715
Wiseman, James B. (See Wagner and Wiseman.)						
Wisener, George E., Munhall, Pa. Pit-furnace cover and making same.	853,669	May 14	2617	543	128	706
Wishon, Ralph, Columbus, Ohio. Puppet-valve.	846,077	Mar. 5	742	155	127	190
Wisner, Percy, Goshen, N. Y. Candle-shade support.	855,032	May 28	5365	1114	128	1468
Wisniewski, Kasimir. (See Matlak, Wisniewski, and Skikiewicz.)						
Wisnom, Robert J., Virginia City, Nev. Electrode.	872,878	Dec. 3	1181	251	131	1352
Wissenbach, Carl, Frankfurt-on-the-Main, Germany. Sheet of fibrous or elastic material.	862,528	Aug. 6	724	194	129	2310
Wissler, Adolph, assignor to L. Ehrlich, St. Louis, Mo. Journal-box lid.	865,070	Sept. 3	478	134	130	148
Wissler, Jacob, Lyndhurst, Va., assignor of one-half to R. L. Lambert, W. Armstrong, H. H. Lantz, and A. E. Glascock, Washington, D. C. Disk-sharpener.	872,981	Dec. 3	1382	291	131	1385
Wistar, Joseph W., Philadelphia, Pa. Breast-chain spreader for harness.	855,270	May 28	5835	1216	128	1588
Wistner, Harvey W., Ogden, Utah. Conducting-wire support and insulator.	870,486	Nov. 5	965	264	131	313
Wistoft, Søren, Copenhagen, Denmark. Coin-freed apparatus for picture post-cards and the like.	843,859	Feb. 12	2069	431-2	126	2330
Wiswell, Frederick A., assignor to Wiswell Milling Machinery and Mining Company, Salt Lake City, Utah. Ore or sand concentrator.	861,787	July 30	5387	1486	129	1888
Wiswell Milling Machinery and Mining Company. (See Wiswell, Frederick A., assignor.)						
Witham, Ervin E., Newark, N. J. Apparatus for filling core-boxes.	875,228	Dec. 31	5976	1245	131	2250
Witherbee, John G. (See Witherbee, Thomas F. and J. G.)						
Witherbee, Thomas F. and J. G., Port Henry, N. Y. Charging apparatus.	845,601	Feb. 26	5706	1209	126	3325
Witherbee, Thomas F. and J. G., Durango, Mexico. Charging device.	864,053	Aug. 20	3033	838-9	129	3091
Witherell, Charles M. (See Witherell, Harry L., assignor.)						
Witherell, George E., Hartford, Conn., assignor to Remington Arms Company, Ilion, N. Y. Firearm.	842,287	Jan. 29	5040	1075	126	1430
Witherell, Harry L., Milan, assignor of one-half to C. M. Witherell, Rock Island, Ill. Brake-operating attachment.	873,113	Dec. 10	1695	353-4	131	1465
Withers, Albert A., Balacalva, Victoria, Australia. Means for inflating pneumatic tires.	850,706	Apr. 16	4037	844	127	2692
Withers, William T., Evansville, Ind. Load-binding device.	856,327	June 11	1737	360	128	2167
Witherspoon, C. A., trustee. (See Hannold, Ed J., assignor.)						
Withington, Sherman S., Adrian, assignor to Jackson Fence Company, Jackson, Mich. Equalizer for wire-fence machines.	854,616	May 21	4490	936	128	1215
Witkowski, Julius, San Diego, Cal. Cushion-heel.	868,054	Oct. 15	1333	372	130	1764
Witman, Isaac S., Elizabethtown, Pa. Steel tie and rail-fastening.	859,712	July 9	2151	581	129	749
Witry, Louis W., assignor to Waterloo Gasoline Engine Company, Waterloo, Iowa. Speed-regulating device for explosive-engines.	862,599	Aug. 6	847	225	129	2347
Witt, George C., Cincinnati, Ohio. Hinge.	867,775	Oct. 8	828	237	130	1587
Witt, George E., San Francisco, Cal. Oil-burner.	843,381	Feb. 5	1090	226	126	2066
Witt, George E., San Francisco, Cal. Pump-governor.	843,382	Feb. 5	1092	226	126	2066
Witt, George E., San Francisco, Cal. Locomotive oil-burner.	870,402	Nov. 5	848	225	131	279
Witt, Julius F., Chicago, Ill. Interchangeable umbrella-handle.	854,259	May 21	3841	793	128	1053
Witt, Julius F., and J. W. McAllister, Chicago, Ill. Rail-brace.	860,954	July 23	4071	1115	129	1440
Witt, Martin F., Los Angeles, Cal. Fruit-cleaner.	866,704	Sept. 24	2989	848	130	1024
Witt, Otto, Macon, Mo. Shears.	851,721	Apr. 30	6061	1265	127	3268
Witt, Otto, Kaafjord, Finnmarken, Norway. Dressing ores.	856,124	June 4	1296	272	128	2020
Witt, William, Port Clinton, Ohio. Propeller-gear.	864,942	Sept. 3	278	75	130	89
Witte, Albert, assignor of one-half to A. J. Redway, Cincinnati, Ohio. Means for supporting reinforcing-rods for cement structures.	871,017	Nov. 12	1828	499	131	621
Witte, Eugene B. (See Leib and Witte.)						
Witte, Hubert, St. Louis, Mo. Car-seat.	869,122	Oct. 22	3004	830	130	2305
Witte, Hubert, assignor to St. Louis Car Company, St. Louis, Mo. Door opening and closing device.	852,814	May 7	902	183-4	128	230
Wittebolle, Emile J., Camden, N. J., assignor to C. B. Porter & Co., Philadelphia, Pa. Machine for making sheet-metal vessels.	874,149	Dec. 17	3791	799	131	1840
Wittmann Brothers. (See Wittmann, Jacob F., assignor.)						
Wittmann, Jacob F., Brooklyn, assignor to Wittmann Brothers, New York, N. Y. Apparatus for distilling.	845,285	Feb. 26	5111	1084	126	3179
Wittmann, Jacob F., Brooklyn, assignor to Wittmann Brothers, New York, N. Y. Distilling.	845,286	Feb. 26	5115	1084	126	3180
Witter, Hugo, Leverkusen, near Cologne, assignor to Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Red tetrazo dye.	842,048	Jan. 22	4521	126	1268	
Wittkowsky, Carl, Berlin, Germany. Waterproof uniting pieces of wood.	855,870	June 4	832	172	128	1904
Wittler, William. (See Kindig, Samuel C., assignor.)						
Wittman, Hugo, Buffalo, N. Y. Shopping-card and envelop.	864,748	Aug. 27	4145	1151	129	3466
Wittmann, Josef, Munich, Germany. Locking device for doors and windows.	843,730	Feb. 12	1774	378	126	2273
Wittstein, Charles T., Newark, N. J. Jeweler's tag.	857,778	June 25	4547	960	128	2947
Wittwer, Albert, Nemaha township, Richardson county, Nebr. Quilting-frame.	871,315	Nov. 19	2451	634	131	772
Witz, William C., et al. (See Garrette, John E., assignor.)						
Witzel, Charles J., New York, N. Y. Mattress.	856,752	June 11	2582	530	128	2383
Witzmann, Heinrich. (See Schwarz, Wilhelm, assignor.)						
Wix, Monroe C., Milburn, Ky. Fence-post.	843,511	Feb. 5	1349	283	126	2129
Wlaet, Michael, New York, N. Y. Automatic gas-valve.	866,550	Sept. 17	2747	769	130	920

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Wlatnigg, Ernst, Klagenfurt, Austria-Hungary. Safety-hook.....	874,647	Dec. 24	4806	1009	131	2037
Wm. B. Scaife & Sons Company. (See Greth, John C. W., assignor.)						
Wm. B. Scaife & Sons Company. (See Newman, Martin F., assignor.)						
Wm. Knabe & Co. Manufacturing Company of Baltimore City. (See Darley, John W., Jr., assignor.)						
Wm. Knabe & Co. Manufacturing Company of Baltimore City. (See Knabe, Ernest J., Jr., assignor.)						
Wm. Powell Co. (See Powell, James, assignor.)						
Wm. Powell Co. (See Powell, James, assignor.) (Reissue.)						
Wöbber, Paul, Cuxhaven, Germany. Regulating resistance for electric currents.....	857,138	June 18	3306	697	128	2603
Woehle, Albert C., New York, N. Y. Circuit-breaker.....	843,148	Mar. 26	4889	1067	127	1321
Woelfly, Erastus K., Lebanon, Pa. Pulley-block.....	843,982	Feb. 12	2241	480	126	2389
Woerner, Frederick. (See Sandman, John T., assignor.)						
Woerner, Louis C., Berlin, Germany. Micrometer-gage.....	864,280	Aug. 27	3391	942	129	3231
Woerner, Louis C., Berlin, Germany. Limit micrometer-gage.....	869,762	Oct. 29	4028	1112	130	2645
Woerner, Louis C., Berlin, Germany. Micrometer-gage.....	870,403	Nov. 5	849	226	131	280
Woerner, Robert, Mannheim, Germany. Cigar-pressing box.....	840,183	Jan. 1	792	172	126	122
Woerner, Robert, Mannheim, Germany. Washing-machine.....	848,219	Mar. 26	5010	1095	127	1353
Woerner, Robert, Mannheim, Germany. Vegetable-chipper.....	858,128	June 25	5280	1121	128	3132
Wogaman, Harry H., Greenville, Ohio. Turret-head.....	853,570	May 14	2413	503	128	652
Wogoman, Levi D., Versailles, Ohio. Brick-machine.....	872,491	Dec. 3	364	74-5	131	1225
Wohl, Maurice J. (See Hertzberg and Wohl.)						
Wohl, Maurice J., New York, N. Y., assignor to Victor Electric & Manufacturing Co. Shunt for electric circuits.....	846,969	Mar. 12	2518	556	127	670
Wohlwend, William W., Akron, Ohio. Recoil-pad.....	866,994	Sept. 24	3434	973	130	1171
Wojciechowski, Jakob, Warsaw, and R. Pluzanski, Stomperkow, Russia. Warp stop-motion for looms.....	858,695	July 2	577	149-50	129	199
Wojdkow, Louis, assignor to New York Stamping Company, Brooklyn, N. Y. Handle attachment.....	844,073	Feb. 12	2407	516	126	2428
Wojdkow, Louis, assignor to New York Stamping Company, Brooklyn, N. Y. Coffee-percolator.....	850,709	Apr. 16	4040	844-5	127	2692
Wojdkow, Louis, assignor to New York Stamping Co., Brooklyn, N. Y. Percolator.....	850,710	Apr. 16	4041	845	127	2692
Wolcott, Alven E., Tacoma, Wash. Explosive-engine.....	864,818	Sept. 3	80	23	130	27
Wolcott, Charles A., et al. (See Wiest, John H., assignor.)						
Wolcott, Edson R., Golden, Colo. Railway signaling apparatus.....	852,405	Apr. 30	7425	1558-9	127	3613
Wolcott, Ernest E., et al. (See Weaver, Flem H., assignor.)						
Wolcott, George M., Detroit, Mich. Lubricator.....	852,689	May 7	644	124	128	168
Wolcott, Herbert W. (See Hodge, Madison F., assignor.)						
Wolcott, Herbert W. (See Matthews, John S., assignor.)						
Wolcott, Ira S., Tremont, Pa. Book-cover.....	873,973	Dec. 17	3390	721	131	1783
Wolcott, Newton A., assignor to Packard Electric Company, Warren, Ohio. Means of testing insulated wires.....	856,012	June 4	1095	227	128	1970
Wold, Nikolai O., Sheyenne, N. D. Sod-cutter.....	846,711	Mar. 12	1991	438	127	536
Wolver, Franklin H., Chicago, Ill., assignor to Lamson Consolidated Store Service Company, Newark, N. J. Conveying apparatus.....	850,107	Apr. 9	2859	599	127	2348
Wolf, Alvin Q., assignor to Wolf Machine Company, Dayton, Ohio. Operating mechanism for ventilators.....	870,331	Nov. 5	721	194-5	131	236
Wolf, Andrew. (See Jasper, William, assignor.)						
Wolf, Casper. (See Scott and Wolf.)						
Wolf, Charles, St. Louis, Mo. Force-pump.....	846,640	Mar. 12	1879	413	127	509
Wolf, Edgar A., Nerstrand, Minn. Signal.....	844,435	Feb. 19	3153	678	126	2654
Wolf, Edwin M., New York, N. Y. Copying and manifold device.....	863,480	Aug. 13	2174	588	129	2793
Wolf, Ernst A. P., New York, N. Y. Binder and letter-file.....	873,282	Dec. 10	2007	421	131	1518
Wolf, Frank W., Orange, N. J. Vehicle-canopy.....	845,551	Feb. 26	5535	1173	126	3283
Wolf, Frederick C., Youngstown, Ohio. Concrete bar.....	867,090	Sept. 24	3593	1018	130	1218
Wolf, Henry L. R., assignor to Aull Brothers Paper and Box Company, Dayton, Ohio. Paper box.....	840,814	Jan. 8	2044	452	126	564
Wolf, John, Carlisle, Pa. Animal-trap.....	852,009	Apr. 30	6652	1385	127	3418
Wolf Machine Company. (See Wolf, Alvin Q., assignor.)						
Wolf, Sigmund B., et al. (See Sokal, Edward, assignor.)						
Wolf, Wilhelm, Reisholz, near Düsseldorf, Germany. Valve for compressors and the like.....	851,722	Apr. 30	6062	1266	127	3268
Wolf, Wilhelm, Reisholz, near Düsseldorf, Germany. Distributer for refrigerators.....	851,723	Apr. 30	6063	1266	127	3268
Wolf, William, Entiat, Wash. Adjustable cultivator.....	847,142	Mar. 12	2833	625	127	746
Wolfe, Frank L., Medford, assignor to Crosby Steam Gage and Valve Company, Boston, Mass. Reducing-wheel.....	841,207	Jan. 15	2845	620	126	812
Wolfe, Frank L., Medford, assignor to Crosby Steam Gage and Valve Company, Boston, Mass. Recording-counter.....	868,055	Oct. 15	1334	372	130	1764
Wolfe, Frank L., Medford, assignor to Crosby Steam Gage and Valve Company, Boston, Mass. Engine-indicator.....	868,056	Oct. 15	1335	373	130	1764
Wolfe, Frank L., Medford, assignor to Crosby Steam Gage and Valve Company, Boston, Mass. Recording-counter.....	871,849	Nov. 26	3556	870	131	976
Wolfe, Frank L., Medford, assignor to Crosby Steam Gage and Valve Company, Boston, Mass. Whistle-valve.....	873,822	Dec. 17	3088	658	131	1733
Wolfe, George F. (See Falek and Wolfe.)						
Wolfe, Jason G., and F. J. Haugh, Newark, Ohio. Coin-holder.....	861,568	July 30	5050	1386	129	1788
Wolfe, John, assignor to Aurora Specialty Co., Cleveland, Ohio. Umbrella structure.....	874,648	Dec. 24	4808	1009	131	2037
Wolfe, Melissa J., Los Angeles, Cal. Burner attachment.....	851,191	Apr. 23	4962	1042	127	2962
Wolfe, Orris M., Dubois, Pa. Belt-stretcher.....	850,454	Apr. 16	3531	738	127	2563
Wolfe, Samuel C., Angola, Ind. Tire-protector.....	854,137	May 21	3605	744	128	989
Wolfe, Thomas, Kansas City, Mo. Railway-switch and automatic signal apparatus.....	865,742	Sept. 10	1538	434	130	501
Wolfe, Thomas J., and F. L. Wood, assignors of four-tenths to J. A. Jackson and W. H. Wood, Fairbury, Nebr. Mail-crane.....	866,899	Sept. 24	3284	925	130	1124
Wolfenden, Charles, Minneapolis, Minn. Concrete-block machine.....	870,006	Nov. 5	212	56-7	131	76
Wolfenden, John, Minneapolis, Minn. J. Knutson and L. Larsen, Menominee, Mich., assignors to H. Aronson and M. Rosenstein, St. Paul, Minn. Collapsible go-cart.....	873,283	Dec. 10	2008	421	131	1518
Wolfferts & Co. (See Halbekann, Franz J., assignor.)						
Wolff, Aaron R. (See Wolff, Martha, assignor.)						
Wolff, Adrian F. (See Goss and Wolff.)						
Wolff, Adrian F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Powder-can top.....	853,141	May 7	1546	321	128	390
Wolff, Adrian F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Top for powder-receptacles.....	859,897	July 9	2430	661	129	836
Wolff, Adrian F., assignor to Scovill Manufacturing Company, Waterbury, Conn. Top for powder-cans.....	859,898	July 9	2431	661	129	837

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Wolff, Charles, <i>et al.</i> (See Sokal, Edward, assignor.)						
Wolff, Charles H., Philadelphia, Pa. Base-ball game-board	845,838	Mar. 5	206	42	127	54
Wolff & Co., Rudolph. (See Welch, Herman B., assignor.)						
Wolff, Ferdinand, Mannheim, Germany. Tramway	873,974	Dec. 17	3391	722	131	1783
Wolff, Herbert W. (See Frame, Robert E., assignor.)						
Wolff, Herbert W. (See Weisbrod, Jacob H., assignor.)						
Wolff, Herbert W., St. Louis, Mo., assignor to Wolff Truck Frame Company, Augusta, Me. Car-truck	871,466	Nov. 19	2786	701	131	822
Wolff, Herman O., Syracuse, N. Y. Sash lock and tightener	872,099	Nov. 26	4128	987	131	1059
Wolff, John F. (See Evans and Wolff.)						
Wolff, Louis H., assignor of two-fifths to H. B. Heywood, Indianapolis, Ind. Composite railway-tie	849,093	Apr. 2	956	195	127	1832
Wolff, Martha, assignor to A. R. Wolff, Chicago, Ill. Nursery-seat for children	868,057	Oct. 15	1337	373	130	1764
Wolff Truck Frame Company. (See Harrington, Clement G., assignor.)						
Wolff Truck Frame Company. (See Wolff, Herbert W., assignor.)						
Wolfenstein, Richard, Berlin, Germany. Producing hydrogen peroxid	870,148	Nov. 5	425		131	140
Wolfenstein, Richard, and O. Boeters, Berlin, Germany. Concentrating nitric acid	864,217	Aug. 27	3296		129	3202
Wolfram, Frank D., Milwaukee, Wis. Dustless brush	845,387	Feb. 26	5315	1128	126	3228
Wolfinger, Joseph, Dundas, assignor to Brillion Iron Works Company, Brillion, Wis. Land-roller	869,676	Oct. 29	3906	1074	130	2610
Wolffey, Joseph A., Hiawatha, Kans. Washing-machine	864,583	Aug. 27	3891	1079	129	3389
Wolford, William C., Confluence, Pa. Dental instrument	869,035	Oct. 22	2874	794	130	2264
Wolhaupter, Benjamin, New York N. Y., assignor to Rail Joint Company. Rail-joint	842,508	Jan. 29	5538	1172	126	1564
Wolhaupter, Benjamin, assignor to Rail Joint Company, New York, N. Y. Rail-joint	850,198	Apr. 16	3049	639	127	2435
Wolhaupter, Benjamin, assignor to Rail Joint Company, New York, N. Y. Rail-joint	858,773	July 2	705	186-7	129	245
Wolhaupter, Benjamin, assignor to Rail Joint Company, New York, N. Y. Reinforced angle-bar for rail-joints	858,774	July 2	707	187	129	246
Wolhaupter, Benjamin, assignor to Rail Joint Company, New York, N. Y. Insulated rail-joint	868,384	Oct. 15	1836	516-17	130	1914
Wolhaupter, Benjamin, assignor to Rail Joint Company, New York, N. Y. Insulated rail-joint	868,517	Oct. 15	2041	574	130	1977
Wolhaupter, Benjamin, assignor to Rail Joint Company, New York, N. Y. Insulated rail-joint	868,518	Oct. 15	2044	574-5	130	1978
Wolhaupter, Benjamin, assignor to Rail Joint Company, New York, N. Y. Insulated rail-joint	868,519	Oct. 15	2046	575	130	1978
Wolhaupter, Benjamin, assignor to Rail Joint Company, New York, N. Y. Insulated rail-joint	868,520	Oct. 15	2048	575-6	130	1979
Wolhaupter, Benjamin, assignor to Rail Joint Company, New York, N. Y. Insulated rail-joint	873,821	Dec. 17	3086	658	131	1732
Wolkosky, Abraham. (See Wolkosky, Magidson, Printz, and Wolkosky.)						
Wolkosky, Joseph M., F. Magidson, S. Printz, and A. Wolkosky, assignors to Westmoreland Automatic Machine Company, Irwin, Pa. Shoe-polishing machine	868,313	Oct. 15	1727	487-8	130	1882
Wolkosky, Joseph M., F. Magidson, S. Printz, and A. Wolkosky, assignors to Westmoreland Automatic Machine Company, Irwin, Pa. Shoe cleaning and shining machine	868,620	Oct. 15	2226	618-19	130	2039
Wollé, Joseph A., assignor to Hale-Kilburn Metal Company, Philadelphia, Pa. Car-seat	844,224	Feb. 12	2710	579	126	2505
Wollé, Joseph A., assignor to J. I. Smith, Philadelphia, Pa. Metal structure	862,956	Aug. 13	1387	378	129	2545
Wollenberg, Woldemar. (See Müller and Wollenberg.)						
Wollensak, Andrew, assignor to Wollensak Optical Company, Rochester, N. Y. Photographic shutter	846,540	Mar. 12	1655	368	127	451
Wollensak, Andrew, assignor to Wollensak Optical Company, Rochester, N. Y. Loose-leaf binder	855,033	May 28	5366	1114	128	1469
Wollensak Optical Company. (See Wollensak, Andrew, assignor.)						
Wollheim, Heinrich, <i>et al.</i> (See Abel, Willy, assignor.)						
Wollmann, Karl H. (See Eschholz, Weber, and Wollmann.)						
Wolski, Wacław Lemberg, Austria-Hungary. Hydraulic drill	842,049	Jan. 22	4522	972	126	1268
Wolters, Richard, Düsseldorf, Germany. Keyboard telegraph-transmitter	856,504	June 11	2098	431	128	2259
Wolther, Albert F. (See West and Wolther.)						
Woltman, Gustave A. (See Kutsche, Oswald, assignor.)						
Woltmann, Ernst, New York, N. Y. Train-stop for electric railways	875,028	Dec. 31	5588	1167	131	2186
Womack, Samuel W., Laramie, Wyo. Swing	845,602	Feb. 26	5708	1209	126	3326
Wonder Manufacturing Company. (See Quinn, Richard S., assignor.)						
Wonson, Roger W., Gloucester, Mass. Gaff-clapper	865,003	Sept. 3	380	103	130	120
Wood, Alfred, Waterford, assignor to National Machine Company, Mamaroneck, N. Y. Thread-clip for sewing-machines	840,887	Jan. 8	2200	485	126	603
Wood, Allen L., Grayville, Ill. Train-signal-operating device	870,266	Nov. 5	614	165	131	201
Wood, Augustus. (See Reiss and Wood.)						
Wood, Augustus, Hamilton, Ohio, assignor to Niles-Bement-Pond Company, Jersey City, N. J. Boring-mill	842,288	Jan. 29	5042	1076	126	1430
Wood, Augustus, Hamilton, Ohio, assignor to Niles-Bement-Pond Company, Jersey City, N. J. Machine-tool	854,446	May 21	4188	868	128	1143
Wood, Charles H., assignor of one-fourth to J. T. Hobbs, Cleveland, Ohio. Party-line telephone mechanism	840,544	Jan. 8	1531	338	126	437
Wood, Charles L., Winthrop, Mass. Toy	849,953	Apr. 9	2594	539	127	2284
Wood, David A., McKeesport, Pa. Mechanical stoker	869,539	Oct. 29	3671	1006-7	130	2538
Wood, Edgar L., <i>et al.</i> , executors. (See Hinkley, George M.)						
Wood, Emery M., Grand Rapids, Mich. Fiddle	863,246	Aug. 13	1855	500	129	2694
Wood, Everett S., and J. Northrop, assignors to Draper Company, Hopedale, Mass. Filling-exhaustion-indicating mechanism for looms	843,249	Feb. 5	846	174	126	2009
Wood, Frank J., Brooklyn, N. Y. Safety gas-trap	846,078	Mar. 5	743	155	127	190
Wood, Frank L. (See Wolfe and Wood.)						
Wood, Frank W., Newport News, Va. Means for preventing sparking	851,467	Apr. 23	5515	1155	127	3100
Wood, Frank W., Newport News, Va., assignor to C. and J. M. Cory, New York, N. Y. Telephone-switchboard	859,276	July 9	1483	396-7	129	532
Wood, Frederick, Liverpool, England. Folding bedstead	851,724	Apr. 30	6065	1266-7	127	3269
Wood, Frederick M., trustee. (See Wood, Littlefield, and Philbrick, assignors.)						
Wood, Frederick W., assignor to Berry-Wood Piano Player Co., Kansas City, Mo. Note-sheet-guide mechanism	860,616	July 16	3540	972	129	1234
Wood, Frederick W., assignor to Berry-Wood Piano Player Co., Kansas City, Mo. Note-sheet-guide mechanism	860,617	July 16	3542	972	129	1235
Wood, Frederick W., assignor to Berry-Wood Piano Player Co., Kansas City, Mo. Tracker-bar for piano-players	872,315	Nov. 26	4553	1078	131	1129
Wood, Frederick M., Boston, G. S. Littlefield and F. W. Philbrick, Winchester, Mass., assignors to F. M. Wood, trustee. Bowling-pin	846,372	Mar. 5	1291	284	127	325
Wood, George, Newark, N. J. Force-feed oiler	874,719	Dec. 24	4955	1040	131	2060

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Wood, George E., Plantsville, Conn. Screw-driver.....	871,154	Nov. 19	2097	563	131	716
Wood, George E., Plantsville, Conn. Insulating device.....	871,155	Nov. 19	2098	563	131	717
Wood, George H., Glen Cove, N. Y. Transmission mechanism.....	861,069	July 23	4250	1165	129	1495
Wood, George P., Washington, D. C. Support made of plastic or cementitious material.	863,821	Aug. 20	2693	743	129	2988
Wood, George W. (See Taylor, Wood, and Vincent.)						
Wood, George W., Weatherby, Mo. Ore-separator.....	859,589	July 9	1969	531	129	691
Wood, Harry S., Mount Pleasant, Iowa. Egg-case.....	863,481	Aug. 13	2175	588	129	2794
Wood, Henry A. W. (See Tygard, James W., assignor.)						
Wood, Henry A. W., New York, N. Y., assignor, by mesne assignments, to Detroit Trust Co., trustee, Detroit, Mich. Reciprocating-cylinder web-printing machine.....	841,911	Jan. 22	4261	918-19	126	1205
Wood, Henry A. W., New York, N. Y., assignor, by mesne assignments, to Detroit Trust Co., trustee, Detroit, Mich. Printing-machine.....	861,416	July 30	4824	1323-4	129	1717
Wood, Henry A. W., assignor to Campbell Printing Press & Manufacturing Company, New York, N. Y. Method of and means for preparing and holding electrotype-plates.	851,049	Apr. 23	4676	983	127	2893
Wood, Henry A. W., assignor to Campbell Printing Press & Manufacturing Company, New York, N. Y. Rotary web-perfecting printing-machine.....	870,210	Nov. 5	529	144	131	175
Wood, Herbert J., Mount Clemens, Mich. Toy.....	855,919	June 4	931	192	128	1929
Wood, Horatio G., Newport, R. I. Internal-combustion engine.....	864,584	Aug. 27	3892	1080	129	3389
Wood, James E. (See Shannon and Wood.)						
Wood, James E., Pittsburg, Pa. Adjustable form for curved surfaces.....	869,036	Oct. 22	2875	794	130	2265
Wood, James J., Fort Wayne, Ind. Metering and controlling system for electric circuits.	844,436	Feb. 19	3154	678	126	2655
Wood, James J., Fort Wayne, Ind. Coin-operated mechanism.....	849,306	Apr. 2	1373	276	127	1937
Wood, James J., Fort Wayne, Ind. Coin-operated mechanism.....	849,447	Apr. 9	1636	332	127	2043
Wood, James J., Fort Wayne, Ind. Coin-operated mechanism.....	849,448	Apr. 9	1638	332	127	2044
Wood, James J., Fort Wayne, Ind. Incandescent-lamp socket.....	861,343	July 30	4631	1282	129	1676
Wood, James J., Fort Wayne, Ind. Electric switch.....	875,029	Dec. 31	5590	1167	131	2186
Wood, James J., Fort Wayne, Ind. Switch for electric meters.....	875,030	Dec. 31	5592	1167	131	2186
Wood, James N. (See Ford and Wood.)						
Wood, John C., assignor of one-half to E. L. Allen, Portsmouth, Ohio. Detonating toy.	840,983	Jan. 8	2385	522-3	126	649
Wood, John E., Nottingham, England. Water heater and purifier.....	870,920	Nov. 12	1673	461	131	575
Wood, John W., assignor of two-thirds to C. W. Stanton and J. H. Zelnicker, Mobile, Ala. Time-controlled electric switch.....	870,404	Nov. 5	850	226	131	280
Wood, Martin A., Marshall, N. C. Garment-hanger.....	872,100	Nov. 26	4129	988	131	1060
Wood, Minard F., Worcester, Mass. Bluing device.....	872,879	Dec. 3	1182	252	131	1352
Wood, Robert A., New York, N. Y. Automatic recorder for machines.....	848,149	Mar. 26	4890	1067	127	1321
Wood, S. Horner, <i>et al.</i> (See Tory, Shinoz, assignor.)						
Wood, S. V., <i>et al.</i> (See Easterling, Robert W., assignor.)						
Wood, Walter W., Duluth, Minn. Elevator-car lock.....	858,552	July 2	323	79	129	117
Wood, Wells W. (See Shank, Frederick D., assignor.)						
Wood, William A., Doyle township, Schoolcraft county, Mich. Cant-hook.....	867,630	Oct. 8	620	175	130	1524
Wood, William C., Saco, Ala. Tube cutter and expander.....	870,332	Nov. 5	724	195	131	237
Wood, William C., assignor to Crown Cork and Seal Company, Baltimore, Md. Soda-water-bottling machine.....	863,127	Aug. 13	1663	445	129	2634
Wood, William H. (See Irvine, Mills, and Wood.)						
Wood, William H., <i>et al.</i> (See Wolfe and Wood, assignors.)						
Wood, William H., Allegheny, Pa. Molding-machine.....	865,071	Sept. 3	488	135	130	148
Wood, William O., South Hetton, near Sunderland, England, and H. Knudsen, Boston, Mass. Obtaining disruptive or explosive effects.....	845,604	Feb. 26	5711	1210	126	3326
Wood, William P., and C. E. Tefft, Pawtucket, R. I. Implement for closing the discharge-openings of automatic fire-extinguisher sprinklers.....	868,058	Oct. 15	1337	373	130	1765
Wood, William T., Nashville, Tenn. Toy.....	847,715	Mar. 19	4016	878	127	1073
Wood, William T., Nashville, Tenn. Toy.....	865,743	Sept. 10	1540	434	130	501
Wood, William T., assignor of one-half to E. W. Morgan, Nashville, Tenn. Toy battle-ship.	840,409	Jan. 1	1257	275	126	330
Wood, Winthrop E., Winthrop, assignor of one-third to G. J. Lothrop, Medford, Mass. Clamping device.....	865,623	Sept. 10	1362	385	130	445
Woodall, Charles J., <i>et al.</i> (See Nelson, Emil A., assignor.)						
Woodall, George, Flushing, N. Y. Automatic cellar-drain.....	853,850	May 14	2995	616	128	800
Woodall, Robert B., Traskwood, assignor of five-sixths to D. S. McCray, W. H. Cooper, E. H. Vance, Jr., J. H. B. Adams, and T. N. Atchison, Malvern, Ark. Railway-switch.	872,982	Dec. 3	1383	291	131	1385
Woodard, A. J., <i>et al.</i> (See Crain, Zardia, assignor.)						
Woodard, Hiram P., Douglas, Ariz. Ter. Tide or wave motor.....	870,706	Nov. 12	1319	361	131	464
Woodard, Joseph W., assignor of one-half to L. Cohen, Washington, D. C. Non-refillable bottle.....	842,050	Jan. 22	4524	793	126	1268
Woodard Paste Packing Company. (See Whitcomb, James, assignor.)						
Woodard, Roy L., Richburg, N. Y. Pump-bailer.....	851,468	Apr. 23	5516	1155	127	3100
Woodard, Roy L., Richburg, N. Y. Well-drilling machine.....	861,928	July 30	5591	1544-5	129	1950
Woodard, Thomas. (See Garlits and Woodard.)						
Woodbridge, John S., Detroit, Mich. Match-machine.....	854,863	May 28	5016	1043	128	1379
Woodbridge, Jonathan E., Rugby, England, and J. B. Taylor, Schenectady, N. Y., assignors to General Electric Company. Leakage-indicator for high-tension lines.....	851,149	Apr. 23	4875	1026	127	2942
Woodbridge, Joseph L., Philadelphia, Pa. System of electrical distribution.....	854,862	May 28	5014	1042	128	1379
Woodbridge, Joseph L., Philadelphia, Pa. System of electrical distribution.....	870,149	Nov. 5	426	118	131	140
Woodbridge, Joseph L., Philadelphia, Pa. System of electrical distribution.....	870,150	Nov. 5	427	118	131	140
Woodburn, Lewis W., Charleston, Ill. Latch-knob door-lock.....	857,705	June 25	4404	930	128	2911
Woodbury, George E., San Francisco, Cal. Adjustable wrench.....	849,765	Apr. 9	2249	462	127	2197
Woodbury, James H., Keokuk, Iowa. Weather-strip.....	875,308	Dec. 31	6124	1278	131	2247
Woodbury, Manley E., Bowling Green, Ohio. Concrete tie.....	856,125	June 4	1298	272	128	2020
Woodbury, Stephen W., Newton Highlands, Mass. Fibrous-stock feeder.....	843,126	Feb. 5	590	124-5	126	1946
Woodbury, Urban A., Burlington, Vt. Railway-switch.....	855,437	May 28	6126	1281	128	1653
Woodcock, Willard J., Brooklyn, N. Y. Refrigerator-condenser.....	854,976	May 28	5236	1091	128	1436
Woodcock, William H., assignor to Niagara Forged Steel Company, Buffalo, N. Y. Bridge for rail-joints.....	867,461	Oct. 1	350	101	130	1421
Woodell, Grover C., Linwood, W. Va. Nut-lock.....	854,260	May 21	3842	794	128	1053
Woodhead, Charles G. (See Watkins and Woodhead.)						
Woodhouse, Ernest J., Ilkeston, England. Means for locking or braking the wheels of pit-trams.....	863,048	Aug. 13	1518	412	129	2587
Woodhouse, Thomas M. (See Clymer and Woodhouse.)						
Woodhouse, William B., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.....	875,032	Dec. 31	5595	1168	131	2187
Woodland, Frank O., Worcester, Mass. Labeling-machine.....	859,713	July 9	2152	581-2	129	749
Woodland, John W. (See Dashiell, Milton, assignor.)						
Woodley, Whitford W., Elizabeth City, N. C. Belt-punching implement.....	872,210	Nov. 26	4352	1037	131	1096
Woodling, John W. (See Confer and Woodling.)						
Woodman-Davis Company. (See Barnard, Frank P., assignor.)						
Woodman, Edward F., Boston, Mass. Thermostatic apparatus.....	856,328	June 11	1738	361	128	2167

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Woodman, George A., Chicago, Ill. Journal-box.....	847,301	Mar. 12	3146	692	127	824
Woodman, George A., Chicago, Ill. Journal-box.....	858,553	July 2	324	80	129	117
Woodmancy, George B., Randolph, N. Y. Trousers-presser.....	847,392	Mar. 19	3356	735	127	905
Woodmansee, Arnold, Woonsocket, S. D. Straw-stoker.....	847,391	Mar. 19	3350	734-5	127	902
Woodring, James H., Corry, Pa. Balanced valve.....	870,073	Nov. 5	310	85	131	104
Woodring, Robert R., Carroll, Iowa. Fruit-picker.....	862,227	Aug. 6	190	53	129	2142
Woodruff Hardware & Manufacturing Company. (See Woodruff, Robert L., assignor.)						
Woodruff, Oliver D., Southington, Conn. Bread mixer and kneader.....	841,296	Jan. 15	3039	658	126	860
Woodruff, Oliver D., Southington, Conn. Dough mixer and kneader.....	842,509	Jan. 29	5542	1172-3	126	1565
Woodruff, Robert L., assignor to Woodruff Hardware & Manufacturing Company, Winder, Ga. Sawmill-feed.....	869,821	Oct. 29	4114	1136	130	2670
Woodruff, Willis B., Cadiz, Ky. Base for fence-posts.....	864,218	Aug. 27	3297	914	129	3202
Woods, Albert H. (See Harvey, Frederick, assignor.)						
Woods, Charles A., Lynn, Mass. Leather-shaving machine.....	856,382	June 11	1874	387	128	2205
Woods, Charles W., Elizabeth, N. J. Molding-machine.....	868,957	Oct. 22	2757	761	130	2229
Woods, Edward D., Syracuse, assignor to H. A. Slack, Waterloo, W. A. Hyle, Syracuse, E. A. Paul, New York, and C. Ecker, Syracuse, N. Y. Vehicle-wheel.....	856,329	June 11	1742	361	128	2168
Woods, Edwin S. (See Jacob, John, assignor.)						
Woods, Edwin S. (See McCracken and Woods.)						
Woods, Edwin S., Chicago, Ill. Side bearing for cars.....	860,177	July 16	2864	782	129	1012
Woods, Edwin S., Chicago, Ill. Side bearing for cars. (Reissue).....	12,689	Aug. 27	4177	1159	129	3477
Woods, Edwin S., and J. Jacob, Chicago, Ill. Roller-bearing for railway-cars.....	859,475	July 9	1787	481	129	633
Woods, Erastus W., Chicago, Ill. Heating and ventilating system.....	875,400	Dec. 31	6315	1316-17	131	2304
Woods, Granville T., New York, N. Y. Vehicle-controlling apparatus.....	867,180	Sept. 24	3732	1055-6	130	1265
Woods, Harry, Steubenville, Ohio. Valve mechanism.....	868,745	Oct. 22	2438	675	130	2130
Woods, Harry, Steubenville, Ohio. Fluid-pressure valve.....	873,475	Dec. 10	2388	503	131	1583
Woods, Harry, Steubenville, Ohio. Valve for fluids under pressure.....	873,476	Dec. 10	2389	503-4	131	1584
Woods, Jesse L., Balsora, Tex. Calendar-clock.....	845,603	Feb. 26	5709	1210	126	3326
Woods, John L. (See McCracken and Woods, assignors.)						
Woods, John M., Lanes Mills, Pa. Fence-wire clamp.....	866,900	Sept. 24	3285	925	130	1124
Woods, Joseph E., Logan, Ohio. Lamp-protector.....	859,357	July 9	1622	432	129	579
Woods, Marshall E., Woodville, Mass. Cover-ring.....	857,139	June 18	3306	697	128	2604
Woods Motor Vehicle Company. (See Newman, Frederick J., assignor.)						
Woods, Norman E., Richmond, Va. Drill-socket.....	874,954	Dec. 24	4617	971	131	2005
Woods, Robert, Minto, N. D. Shocker.....	875,031	Dec. 31	5593	1168	131	2187
Woods, Stephen, White Plains, N. Y. Locket, &c.....	857,140	June 18	3308	697	128	2604
Woods, William H., Jasper, Mo. Dentist's cabinet.....	862,780	Aug. 6	1114	301	129	2424
Woodson, George T., Huntington, W. Va. Emergency-coupling.....	853,142	May 7	1547	322	128	390
Woodson, Robert E., W. B. Knight, St. Louis, Mo., and J. Nilson, San Francisco, Cal.; said Nilson and Knight assignors to said Woodson. Feeding-machine.....	842,601	Jan. 29	5731	1211	126	1610
Woodward, Arthur. (See Hutton, Edward S., assignor.)						
Woodward, Charles J., New York, N. Y. Spool-holding attachment for sewing-machines.....	858,934	July 2	976	254	129	335
Woodward, Edgar B., St. Louis, Mo. Printing-press mechanism.....	857,508	June 18	4009	853	128	2780
Woodward, Erastus, Somerville, Mass. Heel-attaching machine.....	844,573	Feb. 19	3703	778-9	126	2782
Woodward, Henry R., New York, N. Y. Nostril-expander.....	851,048	Apr. 23	4676	983	127	2892
Woodward, Irving C., Chicago, Ill. Toy gun.....	840,888	Jan. 8	2202	485	126	603
Woodward, Irving C., assignor to Merchants' Vending Machine Company, Chicago, Ill. Vending-machine.....	867,545	Oct. 1	482	138-9	130	1463
Woodward, J. M. (See Johnson, Elizabeth F., assignor.)						
Woodward, J. M. (See Zehden, Alfred, assignor.) (Reissue.)						
Woodward, Jesse G., Jellico, assignor of one-half to J. B. Andrews, Coal Creek, Tenn. Oil-can.....	865,222	Sept. 3	705	200	130	213
Woodward, Oscar, New York, assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machine.....	857,706	June 25	4405	930-1	128	2912
Woodward, Oscar, New York, assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machine.....	863,890	Aug. 20	2803	770	129	3023
Woodward, Oscar, New York, assignor to Wyckoff, Seamans & Benedict, Ilion, N. Y. Type-writing machine.....	869,037	Oct. 22	2877	795	130	2265
Woodward, Robert S., Jr., New York, N. Y. Extracting oil from oleaginous seeds.....	843,983	Feb. 12	2242	480	126	2389
Woodward, Robert S., Jr., New York, N. Y. Apparatus for extracting cotton-oil.....	843,984	Feb. 12	2245	480	126	2390
Woodward, Robert S., Jr., Washington, D. C. Chronometric culinary system.....	844,074	Feb. 12	2408	516	126	2428
Woodward, Russel G., Waukegan, assignor to Union Special Machine Company, Chicago, Ill. Cover-plate for sewing-machines.....	872,601	Dec. 3	594	124	131	1260
Woodward, Russel G., Waukegan, assignor to Union Special Machine Company, Chicago, Ill. Presser-foot for overseaming-machines.....	875,640	Dec. 31	6878	1435	131	2382
Woodward, Russel G., Waukegan, assignor to Union Special Sewing Machine Company, Chicago, Ill. Stripper-blade support and guide for ruffing-machines.....	875,639	Dec. 31	6875	1435	131	2382
Woodward, Thomas. (See Holland and Woodward.)						
Woodward, Tolly R., Augusta, Ga. Spring for beds, seat-bottoms, &c.....	854,919	May 28	5136	1069	128	1411
Woodward, William R. (See Brand, John S., assignor.)						
Woodward, William R., New York, N. Y. Means for simultaneously writing a plurality of signatures or inscriptions.....	861,417	July 30	4826	1324	129	1718
Woodward, William R., New York, N. Y. Means for simultaneously writing a plurality of signatures or inscriptions.....	870,333	Nov. 5	726	196	131	237
Woodworth, Charles B., Newton, Mass. Detachable tread for pneumatic tires.....	870,656	Nov. 12	1246	338	131	440
Woodworth, Charles B., Newton, Mass. Traction attachment for vehicle-tires.....	870,657	Nov. 12	1247	338	131	441
Woodworth, George K. (See De Forest, Lee, assignor.)						
Woodworth, John C. F., Silverbell, Ariz. Ter. Miner's candle-holder.....	859,277	July 9	1485	397	129	532
Woodworth, John H., Cleveland, Ohio. Car-wheel.....	873,477	Dec. 10	2391	504	131	1584
Woody, William H., Chambersburg, Pa., F. P. Canby and P. Tennant, Hagerstown, Md. Angle-cock.....	857,915	June 25	4823	1022	128	3015
Woolcott, James K., Alcester, S. D. Draft-equalizer.....	857,854	June 25	4697	996	128	2983
Woolbridge, Richard A. (See Haley, Henry V., assignor.)						
Woolbridge, William J., Schenectady, N. Y., assignor to General Electric Company. Transformer.....	850,863	Apr. 16	4331	908	127	2766
Woolley, John W., Berkley, Va. Walking traction-wheel.....	861,625	July 30	5140	1410	129	1816
Woolf, Daniel, New York, N. Y. Eyeglasses.....	865,284	Sept. 3	797	229	130	539
Woolf, Ellis J., assignor to Woolf Valve Gear Company, Minneapolis, Minn. Explosive-engine.....	864,877	Sept. 3	180	51	130	57
Woolf Valve Gear Company. (See Woolf, Ellis J., assignor.)						
Woolf, William W., Marine City, Mich. Side bearing for cars.....	845,839	Mar. 5	207	42	127	54
Woolen, Olive K., Franklin, Ind. Invalid's bed.....	874,555	Dec. 24	4618	971	131	2005
Woolley, Leonidas G., assignor to J. C. Riley, Lima, Ohio. Device for permitting the automatic operation of fire-alarm boxes.....	857,707	June 25	4408	931	128	2913
Woolley, Leonidas G., assignor to J. C. Riley, Lima, Ohio. Circuit-operating device.....	857,708	June 25	4409	931	128	2913

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Woolley, Leonidas G., assignor to S. A. MacMahon, Lima, Ohio. Electrotherapeutic apparatus.....	862,781	Aug. 6	1114	302	129	2424
Woolley, William H., <i>et al.</i> (See Shutz, John A., assignor.)						
Woolner, Henry S. (See Foster, Edgar J., assignor.)						
Woolstencroft, Alexander S., Fulda, Minn. Dog-kennel door.....	861,788	July 30	5388	1486	129	1889
Woolums, William H., assignor to Home Security Vault and Pocket Bank Company, Chicago, Ill. Coin-receptacle.....	841,756	Jan. 22	3938	852	126	1124
Woolven, John W., Pulborough, England. Lid of saucepans.....	840,184	Jan. 1	793	173	126	213
Woolverton, Chester D., Minot, N. D. Device for treating grain.....	842,289	Jan. 29	5043	1076	126	1430
Wooster, Albert M., Bridgeport, Conn. Nail-clipper.....	843,383	Feb. 5	1093	226	126	2066
Wooster, Frederick A. (See McCarty and Wooster.)						
Wooster, George, <i>et al.</i> (See Camp, Edmond N., assignor.)						
Wootan, Spencer T., Paducah, Ky. Shingling-bracket.....	856,932	June 11	2896	607	128	2458
Wooten, Charles T., and A. P. Richardson, Philadelphia, Pa.; said Wooten assignor to said Richardson. Sheet-metal box.....	853,143	May 7	1548	322	128	391
Wooten, Richard K. (See Latting, Richard G., Jr., assignor.)						
Worcester, Fred M., Monroe Center, Ill. Cow-milking machine.....	849,521	Apr. 9	1813	368	127	2086
Word, William W., San Francisco, Cal. Hammer-controlling means.....	840,033	Jan. 1	476	104	126	128
Worden, John B., Montrose, Iowa. Line-holder for vehicles.....	846,886	Mar. 12	2356	518	127	631
Worden, William J., New York, N. Y. Burial-robe.....	845,840	Mar. 5	209	43	127	55
Work, Charles L., Granville, Ohio. Book-holder.....	871,903	Nov. 26	3675	896	131	994
World Advertising Company. (See Bohannon, David E., assignor.)						
World Construction Company. (See Cory, Frank M., assignor.)						
Worley, Joshua J., and W. J. Thomas, Sterrett, Ind. Ter. Shelf-supporting bracket.....	845,917	Mar. 5	400	81	127	103
Wörner, Emil, Berlin, Germany. Manufacture of easily-emulsifiable fatty matter.....	864,219	Aug. 27	3298	127	129	3203
Worrest, Alfred H., Lancaster, Pa. Thill-coupling.....	852,753	May 7	756	149	128	197
Worrest, Alfred H., Lancaster, Pa. Die.....	871,251	Nov. 19	2300	601	131	749
Worrest, Alfred H., Lancaster, Pa. Firearm.....	871,550	Nov. 19	2965	740	131	850
Worsey, Charles H., Lynn, Mass., assignor to General Electric Company. Governing mechanism.....	863,822	Aug. 20	2694	743-4	129	2989
Worsey, Charles H., Lynn, Mass., assignor to General Electric Company. Governing mechanism for turbines.....	875,033	Dec. 31	5597	1168-9	131	2187
Worsey, James W., St. Helens, and E. Hoal, Liverpool, England. Extraction of gold.....	846,768	Mar. 12	2111	127	127	568
Worsfold, Alexander, Sydney, New South Wales, Australia. Making bent-wood corners.....	840,678	Jan. 8	1783	393	126	499
Worssam, Henry J., assignor to G. J. Worssam & Son, London, England. Apparatus for heating or boiling brewers' wort or the like.....	857,779	June 25	4549	960-1	128	2948
Worst, Elmore J. (See Dormont, Frank C., assignor.)						
Worstall, George G., Toms River, N. J. Pliers.....	851,469	Apr. 23	5518	1156	127	3101
Worswick, James E., assignor of one-half to G. P. Haardt, Montgomery, Ala. Pneumatic cotton-harvester.....	850,700	Apr. 16	4025	841-2	127	2688
Worth, Conrad, Los Angeles, Cal. Finger-ring.....	859,162	July 2	1309	348	129	441
Worth, John S., and W. F. Harrison, assignors to said John S. Worth and W. P. Worth, Coatesville, Pa. Tube or bar straightening machine.....	850,810	Apr. 16	4211	885-6	127	2734
Worth, Waldo W., Brownville, Me. Shirt attachment.....	864,585	Aug. 27	3894	1081	129	3390
Worth, William P. (See Worth and Harrison, assignors.)						
Worth Wire Works. (See Horsley, Robert L., assignor.)						
Worthen, Burt L., Tucson, Ariz. Ter., assignor to Kemp Hydro-Carbon Furnace Company. Hydrocarbon-burner for furnaces.....	871,656	Nov. 19	3153	781-2	131	882
Worthington, Bruce, Winchester, Va. Window-screen.....	860,005	July 16	2621	712	129	932
Worthington, Charles C., Dunnfield, N. J., and H. R. Worthington, Irvington-on-Hudson, N. Y. Controlling mechanism for self-propelled vehicles.....	872,101	Nov. 26	4130	988	131	1060
Worthington, Charles W., Rushville, Ill. Adjustable scale-rack.....	858,316	June 25	5613	1202	128	3216
Worthington, Henry R. (See Worthington, Charles C. and H. R.)						
Worthington, James, Manitowoc, Wis. Variable-speed and reversing gear.....	875,401	Dec. 31	6317	1317	131	2304
Wortman, George C., Wortman, Colo. Brake-operating mechanism.....	870,707	Nov. 12	1320	361	131	464
Wotherspoon, William W., New York, and R. O. King, North Tonawanda, N. Y. Vessel construction.....	851,269	Apr. 23	5131	1079-80	127	3003
Wotherspoon, William W., New York, and R. O. King, North Tonawanda, N. Y. Floating sunken or stranded vessels.....	851,270	Apr. 23	5134	1080	127	3004
Wottring, Le Roy, Prospect, Ohio. Gasolene-engine.....	864,586	Aug. 27	3894	1081	129	3390
Wottring, Sylvanus L., Prospect, and C. H. Sutphen, Columbus, Ohio. Chemical-engine.....	852,815	May 7	904	184	128	231
Woyak, Joseph, Milwaukee, Wis. Door-hanger and means to prevent the swaying of doors.....	854,789	May 28	4860	1010	128	1339
Wozney, Theodore, Milwaukee, Wis. Flat-car.....	847,716	Mar. 19	4018	878	127	1074
Wratzke, Alfred, Rütterscheid, near Essen-on-the-Ruhr, assignor to F. Krupp, Essen-on-the-Ruhr, Germany. Exploding shell.....	844,225	Feb. 12	2713	579	126	2506
Wray, Arthur. (See Wray, George and A.)						
Wray, George and A., Keighley, England. Apparatus for spraying and conditioning yarns.....	846,373	Mar. 5	1293	284-5	127	325
Wren, Harry. (See Kennedy-McGregor and Wren.)						
Wrench, James O., Beloit, Kans. Rail-joint.....	875,229	Dec. 31	5978	1245	131	2251
Wrenn, Samuel E., and D. Martin, Portland, Oreg. Veneer-box-shaping machine.....	865,468	Sept. 10	1101	314	130	364
Wriggins, Charles, Irvington, assignor to Long & Koch, Newark, N. J. Manufacturing joints of bracelets.....	857,373	June 18	3751	794	128	2715
Wright, Charles, assignor to J. A. Binkey, Greensburg, Pa. Tank-valve.....	846,712	Mar. 12	1992	438	127	536
Wright, Charles, assignor to J. A. Binkey, Greensburg, Pa. Hose-rack.....	846,713	Mar. 12	1995	439	127	537
Wright, Charles C., Indianapolis, Ind. Clasp.....	850,864	Apr. 16	4333	908	127	2766
Wright, Charles M., Anderson, Ind. Cheese-cutter.....	863,340	Aug. 13	1985	534	129	2735
Wright, Charles M., assignor of two-thirds to T. S. Gettle and A. L. Reed, Anderson, Ind. Cheese-cutter.....	862,228	Aug. 6	191	53	129	2143
Wright, Charles O., Bluefield, W. Va. Shipping-case.....	852,010	Apr. 30	6673	1385	127	3419
Wright, Charles S., New Haven, Conn., assignor to Mergenthaler Linotype Company. Type-setting machine.....	845,287	Feb. 26	5118	1085	126	3181
Wright, Christopher, Chicago, Ill. Radiator.....	869,822	Oct. 29	4115	1136	130	2670
Wright, Earl E., Mansfield, Ohio. Clutch.....	865,469	Sept. 10	1102	314	130	364
Wright, Earl E., Mansfield, Ohio. Gas and gasolene engine.....	872,164	Nov. 26	4250	1014	131	1080
Wright, Edward A. (See Turner and Wright.)						
Wright, Edward A., Edgewood Park, assignor to Westinghouse Air Brake Company, Pittsburg, Pa. Combined automatic and straight air brake.....	863,823	Aug. 20	2697	744	129	2990
Wright, Edward T., and C. Longenecker, assignors to Charles Longenecker & Company, New York, N. Y. Road-scarifier.....	864,497	Aug. 27	3718	1035-6	129	3338
Wright, Edward T., and C. Longenecker, assignors to Charles Longenecker & Company, New York, N. Y. Road-roller.....	864,498	Aug. 27	3720	1036	129	3339
Wright, Edward T., and C. Longenecker, assignors to Charles Longenecker & Company, New York, N. Y. Road-roller.....	873,975	Dec. 17	3391	722	131	1783

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Wright, Edwin C., Newport, Ky., assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Direct-current dynamo-electric machine.....	858,246	June 25	5494	1172	128	3188
Wright, Edwin C., Newport, Ky., assignor to Allis-Chalmers Company and Bullock Electric Manufacturing Company. Shaft-oscillator.....	871,904	Nov. 26	3677	897	131	995
Wright, Emily H., Port Washington, N. Y. Bustle.....	871,657	Nov. 19	3156	782	131	883
Wright, Emmett R., Park City, Utah. Tripod-head.....	875,034	Dec. 31	5600	1169	131	2188
Wright Formette Co. (See Gaylord, Solomon S., assignor.)						
Wright, Francis M., trustee. (See Converse, Newton B., assignor.)						
Wright, Frank G., New York, N. Y. Garment-fastener.....	867,864	Oct. 8	975	279	130	1631
Wright, Frederick E., <i>et al.</i> (See Cusack, George B., assignor.)						
Wright, Frederick K., Syracuse, assignor to R. E. Dietz Company, New York, N. Y. Lantern.....	850,455	Apr. 16	3532	738	127	2564
Wright, Frederick T., Douglas, Ariz. Ter. Surgical instrument.....	866,995	Sept. 24	3435	973	130	1172
Wright, Frederick W. (See Driffild and Wright.)						
Wright, George C., Cleveland, Ohio. Glass-fastening device.....	852,483	May 7	196	35	128	57
Wright, George F., deceased, (H. E. Wright, administratrix,) and G. M. Wright, Worcester, Mass. Machine for covering bundles of wire.....	857,141	June 18	3309	697-8	128	2604
Wright, George H. (See Legg and Wright.)						
Wright, George M. (See Wright, George F. and G. M.)						
Wright, George W., and P. W. Casey, Norwich, Conn. Feed-water heater.....	850,707	Apr. 16	4038	844	127	2692
Wright, Gilbert, Pittsfield, Mass. Variable-speed-transmission device.....	853,144	May 7	1549	322-3	128	391
Wright, Gilbert, Pittsfield, Mass., assignor to Stanley Electric Manufacturing Company. Remote control device for electric switches.....	852,690	May 7	647	124	128	169
Wright, Gilbert, Pittsfield, Mass., assignor to Stanley G. I. Electric Manufacturing Company. Switch-clip.....	859,278	July 9	1485	397	129	533
Wright, Harriet E., administratrix. (See Wright, George F.)						
Wright, Hebben. (See Wright, James and H.)						
Wright, Henry-S., Madrid Springs, N. Y. Convertible step-ladder and chair.....	864,401	Aug. 27	3561	990	129	3283
Wright, Hugh, Denver, Colo. Window-screen.....	869,470	Oct. 29	3566	977	130	2507
Wright, Ira O., assignor to Farlow Draft Gear Co., Baltimore, Md. Draft and buffing gear for cars.....	846,374	Mar. 5	1295	285	127	326
Wright, Ira O., and J. H. Farlow, assignors to Farlow Draft Gear Company, Baltimore, Md. Draft and buffing gear for cars.....	841,757	Jan. 22	3942	853	126	1125
Wright, Jacob P., Akron, Ohio, assignor to Diamond Match Company, New York, N. Y. Machine for feeding cards or paper.....	871,746	Nov. 19	3316	819	131	911
Wright, James and H., Ingrow, near Keighley, England. Spinning-machine spindle and its appurtenances.....	846,375	Mar. 5	1298	285-6	127	327
Wright, James B., assignor to Willcox and Gibbs Sewing Machine Company, New York, N. Y. Guide for overedge sewing-machines.....	874,816	Dec. 24	5119	1079	131	2091
Wright, James C., assignor of one-half to J. C. Rawlings, Colorado Springs, Colo. Faucet.....	844,226	Feb. 12	2715	579	126	2507
Wright, James C., assignor of one-half to J. C. Rawlings, Colorado Springs, Colo. Automatic shut-off for faucets.....	856,667	June 11	2425	500	128	2342
Wright, James E. (See O'Conner and Wright.)						
Wright, James E. (See Owens and Wright.)						
Wright, James E., Omaha, Nebr. Fence-post.....	850,082	Apr. 9	2813	589	127	2337
Wright, James E., West Bay City, assignor of one-half to J. M. Kelton, Bay City, Mich. Metal hoop.....	873,114	Dec. 10	1697	354	131	1465
Wright, James K., New York, N. Y. Electric stop for engines.....	872,102	Nov. 26	4134	988-9	131	1060
Wright, James M. (See Kinson, James D., assignor.)						
Wright, James M., Johannesburg, Transvaal. Apparatus for cleaning wire ropes.....	856,614	June 11	2330	478-9	128	2318
Wright, John, Chicago, assignor to P. S. Washer, Litchfield, Ill. Thill-guard.....	847,302	Mar. 12	3147	693	127	824
Wright, John A., Maquoketa, Iowa. Barrel and box carrier.....	849,449	Apr. 9	1639	332	127	2044
Wright, John A., Irwin, and W. F. O'Neill, Wilksburg, Pa. Combined hand and stand mirror.....	852,864	May 7	1019	211	128	260
Wright, John B., Greensboro, N. C. Air-brake.....	864,441	Aug. 27	3632	1010	129	3308
Wright, John E., New York, N. Y. Printing-telegraph.....	865,470	Sept. 10	1103	314-16	130	364
Wright, John T., Columbia, Tenn. Combined cultivator, planter, and fertilizer-distributor.....	844,227	Feb. 12	2716	580	126	2507
Wright, Kirk K. (See Wright, Ralph G. and K. K.)						
Wright, Lewis M., Fountain, Colo. Metallic railway-tie.....	871,658	Nov. 19	3157	782	131	883
Wright, Morris S. (See McTammany and Wright.)						
Wright, Morris S., Worcester, Mass. Apparatus for making pneumatic diaphragms.....	861,418	July 30	4828	1324	129	1719
Wright, Orrin D., Oneida, assignor to Oneida Community, Limited, Kenwood, N. Y. Animal-trap.....	867,546	Oct. 1	484	139	130	1463
Wright, Parvin, Los Angeles, Cal. Controlling and braking device for electric elevators.....	859,163	July 2	1309	348-9	129	441
Wright, Ralph G. and K. K., Buffalo, N. Y. Apparatus for washing bottles.....	850,199	Apr. 16	3053	639	127	2436
Wright, Ransom C., Philadelphia, Pa., and F. E. Stebbins, Washington, D. C. Construction of car-trucks.....	860,955	July 23	4073	1116	129	1441
Wright, Ransom C., Philadelphia, Pa., and F. E. Stebbins, Washington, D. C. Car-truck frame.....	861,229	July 23	4488	1230	129	1574
Wright, Richard H. (See Bracy, Edward L., assignor.)						
Wright, Richard H. (See Landfear, William R., assignor.)						
Wright, Robert C. (See Critser and Wright.)						
Wright, Rola F. (See Crispin and Wright.)						
Wright, Royal J., and J. C. Andrews, Springfield, Mass. Garment-supporter clasp.....	866,705	Sept. 24	2990	848	130	1024
Wright, Samson D., Cleveland, Ohio. Draft-rigging for railway-cars.....	849,649	Apr. 9	2041	419	127	2143
Wright, Selden R., Morton, assignor to Circuit Protecting Relay Company, Rochester, N. Y. Telegraphic safety device.....	852,484	May 7	197	36	128	58
Wright, Thomas. (See Volz, Frederick L., assignor.)						
Wright, Thomas, Jersey City, N. J. Dumping-wagon.....	869,677	Oct. 29	3906	1074	130	2610
Wright, Thomas G., Bristol, England. Explosion-engine.....	858,433	July 2	109	31	129	37
Wright, Thomas W., Anderson, Ind. D-handle.....	865,471	Sept. 10	1109	316	130	366
Wright, Walter S., <i>et al.</i> (See Heath, Noble, assignor.)						
Wright, Wilfred L., Philadelphia, Pa. Sheet-metal pole.....	873,144	Dec. 10	1748	367	131	1474
Wright, William A., Greeley, Nebr., assignor of one-half to J. L. Ream, Axtell, Kans. Mechanical movement.....	869,038	Oct. 22	2879	795	130	2266
Wright, William E., Newark, N. J. Sanitary pad.....	860,111	July 16	2765	755	129	978
Wright, William H., Philadelphia, Pa. Turn-table casting for locomotive-engines.....	871,850	Nov. 26	3557	870	131	976
Wright, William L. A., assignor of one-third to H. D. Knight, Diana, Tex. Rotary engine.....	861,344	July 30	4694	1283	129	1677
Wrightson, Norman, and W. Brown, Croydon, England; said Brown assignor to said Wrightson. Jar or other vessel for containing gaseous liquids and the like.....	867,462	Oct. 1	351	101	130	1421
Wrigley, Henry M., and J. Aspenleiter, Cincinnati, Ohio. Gripping attachment for box-machines, &c.....	842,290	Jan. 29	5045	1076	126	1431
Writesman, Edwin L., Hume, Ill. Valve.....	849,954	Apr. 9	2596	539	127	2284

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Wroblewski, Ignacy, Krakow, Austria-Hungary. Shutter-bower.	840,677	Jan. 8	1782	393	126	499
Wroblewski, Ignacy, Krakow, Austria-Hungary. Casement-window.	851,725	Apr. 30	6066	1267	127	3269
Wroblewski, Ignacy, Krakow, Austria-Hungary. Casement-window.	852,485	May 7	199	36	128	58
Wroblewski, Ignacy, Krakow, Austria-Hungary. Casement-window. (Reissue).	12,699	Oct. 1	512	146-7	130	1472
Wroblewski, Ignacy, Warsaw, Russia. Casement-window.	860,006	July 16	2623	712	129	932
Wuchner, George G., Louisville, Ky. Bottle.	872,880	Dec. 3	1183	252	131	1352
Wuefeling, Frederick, Pontiac, Mich. Weather-strip.	858,434	July 2	110	31	129	37
Wuest, Philip, Jr., assignor to Auto-Manual Piano Action Company, Philadelphia, Pa. Mechanical musical instrument.	844,984	Feb. 19	4477	955-6	126	2978
Wuest, Philip, Jr., assignor to Auto-Manual Piano Action Company, Philadelphia, Pa. Automatic playing mechanism in pianos.	844,985	Feb. 19	4481	956	126	2979
Wuest, Philip, Jr., assignor to Auto-Manual Piano Action Company, Philadelphia, Pa. Pneumatic tracker-bar.	844,986	Feb. 19	4484	956	126	2980
Wuest, Philip, Jr., assignor to Auto-Manual Piano Action Company, Philadelphia, Pa. Automatic playing mechanism for musical instruments.	844,987	Feb. 19	4486	957	126	2980
Wuest, Philip, Jr., assignor to Auto-Manual Piano Action Company, Philadelphia, Pa. Pressure-regulator bellows.	845,841	Mar. 5	210	43	127	55
Wuest, Philip, Jr., assignor to Auto-Manual Piano Action Company, Philadelphia, Pa. Divided pianissimo device.	847,534	Mar. 19	3630	801	127	977
Wuest, Philip, Jr., assignor to Auto-Manual Piano Action Company, Philadelphia, Pa. Mechanical musical instrument.	851,471	Apr. 23	5523	1157	127	3102
Wuest, Philip, Jr., assignor to Auto-Manual Piano Action Company, Philadelphia, Pa. Pneumatic motor.	851,472	Apr. 23	5525	1157-8	127	3102
Wuest, Philip, Jr., assignor to Auto-Manual Piano Action Company, Philadelphia, Pa. Mechanically-controlled solo-accent device for mechanical musical instruments.	869,678	Oct. 29	3907	1075	130	2610
Wuest, Philip, Jr., Cheltenham, assignor to Auto-Manual Piano Action Company, Philadelphia, Pa. Automatic playing mechanism for musical instruments.	851,470	Apr. 23	5519	1156	127	3101
Wuest, Philip, Jr., Cheltenham, assignor to Auto-Manual Piano Action Company, Philadelphia, Pa. Automatic playing mechanism in pianos.	860,618	July 16	3543	972-3	129	1235
Wuffli, Robert, Cleveland, Ohio. Gas-burner for sad-irons.	843,653	Feb. 12	1639	347	126	2239
Wulff, Federico, Torreon, Mexico. Leveling-rod.	861,929	July 30	5593	1545	129	1951
Wulff, Herman, Toledo, Ohio. Ice-cutting machine.	871,978	Nov. 26	3863	934-5	131	1020
Wulff, John P., Minneapolis, Minn. Antifriction wheel-bearing.	872,397	Dec. 3	159	30	131	1193
Wüllfing, Carl, Hönningen, Germany. Oxid of iron.	868,385	Oct. 15	1840		130	1914
Wüllfing, Carl. (See Walbrecker, Albert, assignor.)						
Wüllfing, Johann A., Firm of. (See Bergell, Peter, assignor.)						
Wultze, Adolf, Charlottenburg, Germany. Manufacturing lead acetate.	861,345	July 30	4696	1283	129	1678
Wunderlich, Adolph, assignor to London Electric Firm, Croydon, England. Driving mechanism.	846,273	Mar. 5	1097	237-8	127	279
Wunderlich, Fredrick, Swissvale, Pa. Incandescent-lamp socket.	843,425	Feb. 5	1159	244	126	2082
Wurdack, Hugo, St. Louis, Mo. Automatic liquid-strainer.	842,602	Jan. 29	5734	1211-12	126	1611
Wurlitzer, Eduard H., assignor of one-half to H. Bertoney, Boston, Mass. Flute.	859,714	July 9	2157	582	129	751
Wurnb, Theodore H., and R. Baumann, St. Louis, Mo. Thermostatic spring.	857,709	June 25	4411	931	128	2913
Würtemburg, Eduard, Berlin, Germany. Folding cuff.	858,845	July 2	847	220	129	293
Würth, Henry W., Leeds, Mo. Vehicle-wheel.	841,912	Jan. 22	4268	919	126	1207
Wurts, Alexander J., assignor, by mesne assignments, to Nernst Lamp Company, Pittsburgh, Pa. Shipping-receptacle.	861,152	July 23	4369	1199	129	1536
Wurzbacher, Frank H., Washington, D. C. Electromechanical apparatus for shaving or slicing beef.	843,317	Feb. 5	985	202	126	2639
Wüst-Kunz, Caspar, Seebach, near Zurich, Switzerland. Friction-clutch.	857,970	June 25	4955	1047	128	3050
Wüstenhöfer, Julius, Dortmund, Germany. Roller-mill.	855,602	June 4	304	62	128	1773
Wyant, Mott. (See Campion and Wyant.)						
Wyard, Walter F., Cathay, N. D. Vermin-exterminator.	841,297	Jan. 15	3042	679	126	861
Wyatt, James H. (See Wyatt, William G., assignor.)						
Wyatt, John R., McGowan, Ky. Railway switch-stand and switch-lock.	848,421	Mar. 26	5430	1184	127	1457
Wyatt, William, Lima, Ohio. Stovepipe-holder.	864,587	Aug. 27	3896	1081	129	3391
Wyatt, William G., assignor of one-half to J. H. Wyatt, Bereing, Ky. Artificial limb.	875,482	Dec. 31	6471	1352	131	2330
Wyckoff, Charles. (See Fagan, Robert, assignor.)						
Wyckoff, George B. (See Hitch, Frank M., assignor.)						
Wyckoff, Seamans & Benedict. (See Briggs, Daniel, assignor.)						
Wyckoff, Seamans & Benedict. (See Copeland, Lucien B., assignor.)						
Wyckoff, Seamans & Benedict. (See Diss, Louis P., assignor.)						
Wyckoff, Seamans & Benedict. (See Ellis, Albert H., assignor.)						
Wyckoff, Seamans & Benedict. (See Enderis, Henry W., assignor.)						
Wyckoff, Seamans & Benedict. (See Fraser, William, assignor.)						
Wyckoff, Seamans & Benedict. (See Shepard, Charles H., assignor.)						
Wyckoff, Seamans & Benedict. (See Thistlethwaite, Charles A., assignor.)						
Wyckoff, Seamans & Benedict. (See Wilson, Howard B., assignor.)						
Wyckoff, Seamans & Benedict. (See Woodward, Oscar, assignor.)						
Wyeth, Albert E. W., New York, N. Y. Roller-support for edgewise-movable doors and tracks therefor.	840,732	Jan. 8	1905	419	126	531
Wyeth, Augustus G., Newark, Ohio. Sleigh-runner attachment for wheeled vehicles.	846,174	Mar. 5	923	195	127	234
Wygant, Frederick A. (See Bartz and Wygant.)						
Wyke, John W., Swissvale, Pa. Rail-fastener.	841,298	Jan. 15	3043	659	126	861
Wykoff, Elmo H., and G. R. Rishel, Alexandria, Pa. Paint.	869,123	Oct. 22	3006		130	2305
Wykoff, William B., Omaha, Nebr. Lock.	841,208	Jan. 15	2847	620-1	126	813
Wykoff, William B., Omaha, Nebr. Lock.	841,209	Jan. 15	2851	621	126	814
Wyland, George C., Greensboro, N. C. Attachment for railway-brakes.	866,551	Sept. 17	2748	769	130	920
Wyer, Heinrich, Lambrecht, Germany. Pipe-bracket.	848,950	Apr. 2	689	139	127	1764
Wylie, Peter. (See Rickard, Henry J., assignor.)						
Wylie, Richard, Napa, Cal. Device for securing clothes to lines.	859,421	July 9	1715	457	129	609
Wylie, Thomas B., Pittsburgh, Pa. Diaphragm-clamp for pressure-regulators.	846,769	Mar. 12	2112	464	127	568
Wyman, Alva C., Shelburn, Ind. Door spring and stop.	852,091	Apr. 30	6830	1424	127	3464
Wyman, George R., assignor to F. W. Bird & Son, East Walpole, Mass. Paper-box machine.	853,613	May 14	2509	520-1	128	678
Wyman, George R., assignor to F. W. Bird & Son, East Walpole, Mass. Paper box.	873,335	Dec. 10	2136	446	131	1537
Wyman, Horace, Worcester, Mass., assignor to Crompton & Knowles Loom Works. Weft-replenishing loom.	864,499	Aug. 27	3722	1037	129	3339
Wynn, John G., Madison, Wis. Time-recorder.	842,990	Feb. 5	301	65	126	1865
Wynn, John W., Piedmont, Mo. Sash-fastener.	861,070	July 23	4252	1165	129	1496
Wynne, Frank, Westminster, London, England. Maintaining or increasing the fluidity of molten or semimolten materials by means of electricity.	848,422	Mar. 26	5432	1184-5	127	1457
Wynne, Philip H., Boston, Mass., assignor, by mesne assignments, to Huff Electrostatic Separator Company. Electrostatic separator.	840,815	Jan. 8	2046	453	126	565
Wynne, Walter P., and J. H. Grant, Ballarat, Victoria, Australia. Furnace for the treatment of refractory ores.	862,229	Aug. 6	193	53	129	2143

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Wyoming Valley Trust Company, trustee. (See Bertels, Charles E., assignor.) (Reissue.)						
Wyrick, William S., <i>et al.</i> (See Reynolds, Edward G., assignor.)						
Wysard, Hermann P., Erie, Pa. Toy	868,150	Oct. 15	1459	411	130	1802
Wysong, Ansel S., assignor of one-half to E. A. Twist, Meade, Kans. Traction-engine	857,509	June 18	4010	853-4	128	2780
Wysor, George W., Huntington, assignor of one-half to H. X. Morton, Jr., Bramwell, W. Va. Kitchen-cabinet	842,440	Jan. 29	5394	1142-3	126	1529
Wyss, Vincent, Pittsburg, Pa. Window-blind	847,143	Mar. 12	2835	625-6	127	746
Wytman, Jan, Avalon, Pa. Punching-machine	847,535	Mar. 19	3632	801	127	977
Xevers, Zachariah, Santa Cruz, Cal. Poultry-feeder	846,175	Mar. 5	924	195-6	127	235
Xevers, Zachariah, Santa Cruz, Cal. Sash lock and holder	846,176	Mar. 5	925	196	127	235
Ximénez, Fernando S. y, Chicago, Ill. Apparatus for raising sunken vessels	865,130	Sept. 3	559	156-7	130	170
Y-Nan-S Treadle Co. (See Winans, Edwin, assignor.)						
Yackee, August A., Roberts, Ill. Harrow attachment for cultivators	867,865	Oct. 8	976	279	130	1631
Yaeger, Lewis C., <i>et al.</i> (See Wever, La Fayette T., assignor.)						
Yager, Frederick W., Chicago, Ill. Machine for making metal binding-strips	864,349	Aug. 27	3488	969-70	129	3261
Yahiro, Tametaro, Tokyo, Japan. Automatic lubricating apparatus	859,715	July 9	2157	582-3	129	751
Yale, Rodney H., Beatrice, Nebr. Seat-back for drivers' seats	839,976	Jan. 1	349	77	126	95
Yale Safety Razor Co. (See Ward, William N., assignor.)						
Yale & Towne Manufacturing Company. (See Bardwell, Arthur F., assignor.)						
Yale & Towne Manufacturing Company. (See Berry, Charles A., assignor.)						
Yale & Towne Manufacturing Company. (See Haldy, Frederick G., assignor.)						
Yale & Towne Manufacturing Company. (See Robinson, Wellington S., assignor.)						
Yale & Towne Manufacturing Company. (See Roehr, Louis, assignor.)						
Yale & Towne Manufacturing Company. (See Taylor, Warren H., assignor.)						
Yale & Towne Manufacturing Company. (See Valentine, Herbert S., assignor.)						
Yanacopoulo, George, New York, N. Y. Liquid-measuring pump	853,670	May 14	2619	544	128	706
Yankee, Anton A., San Francisco, Cal. Automatic gas-governor and street-pressure changer	869,471	Oct. 29	3567	977-8	130	2507
Yankee Beet Topper Company. (See Blevins and Giddings, assignors.)						
Yankee Novelty Company. (See Kellogg, William M., assignor.)						
Yansky, Louis R., Chicago, Ill. Gas-burner	869,954	Nov. 5	114	31	131	38
Yarbrough, Gustavus H., Waverly, Tenn. Hand-cultivator	840,679	Jan. 8	1784	394	126	500
Yarbrough, Todd M., and R. C. Bradley, Bossier parish, La. Stalk-cutter	847,144	Mar. 12	2839	626	127	747
Yarnall, Elizabeth S., administratrix. (See Yarnall, Zachariah S.)						
Yarnall, Zachariah S., deceased; E. S. Yarnall, St. Louis, Mo., administratrix. Effervescent laundry bluing	846,887	Mar. 12	2357		127	631
Yarnell, Harold A., assignor to Pacific Wireless Telegraph Company, Los Angeles, Cal. Electrical interrupter and rectifier	856,933	June 11	2897	607	128	2458
Yarnell, Harold A., assignor to Pacific Wireless Telegraph Company, Los Angeles, Cal. Wireless transmission	858,554	July 2	326	80	129	118
Yates, David H. (See Horne and Yates.)						
Yates, Frederick C. (See Grieser and Yates.)						
Yates, George, Wyoming, Pa. Carpenter's square	846,274	Mar. 5	1100	238-9	127	280
Yates, Richard, Lynchburg, Va. Core-arbor	860,510	July 16	3360	923	129	1175
Yates, Robert T., Lytton Springs, Tex. Motor-car traffic system	854,261	May 21	3843	794	128	1053
Yates, Thomas, assignor to Langworthy Brothers & Company Limited, Greengate Mills, Salford, England. Ring-spinning machine	865,144	Sept. 3	578	162	130	176
Yates, William B., Alviso, Cal. Harmonica	863,960	Aug. 20	2905	800	129	3053
Yates, William C., Schenectady, N. Y., assignor to General Electric Company. Starting-rheostat	857,142	June 18	3312	698	128	2605
Yates, William C., Schenectady, N. Y., assignor to General Electric Company. Starting device for alternating-current motors	867,547	Oct. 1	485	139	130	1464
Yates, William C., and P. H. Zimmer, Schenectady, N. Y., assignors to General Electric Company. Starting-rheostat	840,889	Jan. 8	2203	485	126	604
Yauck, Edwin C., Columbus, Ohio. Stamp-affixer	874,720	Dec. 24	4957	1041	131	2060
Yawman & Erbe Manufacturing Company. (See Seyl and Butts, assignors.)						
Yawman & Erbe Manufacturing Company. (See Wiesner, Moritz, assignor.)						
Yawman & Erbe Manufacturing Company. (See Yawman, Philip H., assignor.)						
Yawman, Philip H., assignor to Yawman & Erbe Manufacturing Company, Rochester, N. Y. Lock for card-index rods	850,990	Apr. 23	4562	955-6	127	2862
Yawman, Philip H., assignor to Yawman & Erbe Manufacturing Company, Rochester, N. Y. Attachment for paper-filing devices	860,956	July 23	4075	1116	129	1442
Yaxley Ernest E., Chicago, Ill. Plug-seal switch	860,070	July 16	2715	740	129	962
Yaxley, Ernest E., assignor to Steel Gait Manufacturing Company, Chicago, Ill. Support for cross-arms	868,591	Oct. 15	2177	607-8	130	2025
Ybarrondo, Vincent C. de, Los Angeles, Cal. Electrical igniting device for gas-stoves	875,035	Dec. 31	5602	1170	131	2188
Yeager, Clarence R., Freeport, Ill. Mail-bag catching and delivering device	861,009	July 23	4170	1142	129	1471
Yeager, Earnest C., Thorndale, Tex. Lifting-jack	848,524	Mar. 26	5613	1228	127	1501
Yeager, Lloyd, Jr., Catawissa, Pa. Car-step	849,955	Apr. 9	2597	539	127	2285
Yeakel, George P., and W. C. L. Ireland, assignors of one-third to C. Keller, Norristown, Pa. Lineman's chair	844,641	Feb. 19	3812	806-7	126	2808
Yearwood, Byrd O., Portsmouth, Va., assignor of one-half to E. Schaefer, Toccoa, Ga. Valve	855,422	May 28	6101	1275	128	1653
Yeatman, Walter C., Chicago, Ill., assignor to American Telephone and Telegraph Company. Method of and apparatus for transmitting electrical energy	863,247	Aug. 13	1857	500	129	2694
Yeatts, William, Riceville, Va. Coal-mining machine	869,609	Oct. 29	3799	1038-9	130	2578
Yeiser, John C., Austin, Tex. Coupling-pin	860,780	July 23	3796	1040	129	1348
Yeiser, Luther A., Philadelphia, Pa. Garment-hook	856,330	June 11	1744	361	128	2168
Yeoman, Frank, Oroville, Cal. Power plant	842,368	Jan. 29	5223	1107-8	126	1481
Yergason, John S., Brooklyn, N. Y. Glass for counting picks or threads in fabrics	861,153	July 23	4370	1199	129	1536
Yerion, Sidney B., Seattle, Wash. Repeater for phonographs	866,552	Sept. 17	2749	769-70	130	921
Yerkes, James H., <i>et al.</i> (See Barnes, George I., assignor.)						
Yinder, Mark. (See Smith, Thomas, assignor.)						
Yingling, John G., Port Clinton, Ohio. Method and apparatus for preserving live fish	867,463	Oct. 1	351	102	130	1422
Yingling, Noah B., Seven Mile, Ohio. Cultivator	840,545	Jan. 8	1534	339	126	438
Yokum, Robert, assignor of one-half to J. A. Greber, Houston, Tex. Building structure	844,988	Feb. 19	4489	958	126	2981
Yochem, John W., Tiffin, Ohio. Dashboard-holder	851,473	Apr. 23	5528	1158	127	3103
Yochem, John W., Tiffin, Ohio. Dashboard-holder	864,715	Aug. 27	4099	1138	129	3454
Yochem, Theodore, Columbus, Ohio. Mail-bag catching and delivering device	855,685	June 4	463	97-8	128	1814
Yocum, George C., Scranton, Pa. Vending-machine	841,210	Jan. 15	2855	621-2	126	815
Yocum, George C., Scranton, Pa. Coin-assorting mechanism	866,763	Sept. 24	3089	870	130	1066
Yoe, Philip, Dayton, Ohio, assignor to E. W. Hanley, K. Fitzpatrick, and P. Yoe. Voting-machine	851,582	Apr. 23	5755	1202-4	127	3161
Yoerg, Leon M., South Hadley Falls, Mass. Machine for surface-finishing paper	849,181	Apr. 2	1149	232	127	1882
Yoha, William, Mansfield, Ohio. Closure for cans or similar receptacles	855,083	May 28	5487	1138	128	1500

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Yorgensen - Gundholm, Niels C., Bradfordville, Fla. Protector for vessels in case of collision.....	865,244	Sept. 3	731	209	130	220
York Bridge Company. (See Webster, Guy, assignor.).....						
York, David W., State Farm, Mass. Valved outlet for waste and overflow pipes.....	846,275	Mar. 5	1102	239	127	280
York, Doctor A., and S. A. Darr, Mineola, Tex. Vehicle-axle.....	865,223	Sept. 3	706	200	130	213
York, Don H., New York, N. Y. Bookbinder.....	868,746	Oct. 22	2440	675	130	2130
York, Don H., New York, N. Y. Music-book roll.....	874,817	Dec. 24	5120	1079	131	2091
York, James E., New York, N. Y. Rail-joint.....	866,250	Sept. 17	2316	647	130	785
Yorke, George M., New York, N. Y., assignor to American Telephone and Telegraph Company. Composite telephonic and telegraphic circuit.....	845,157	Feb. 26	4838	1027	126	3110
Yorke, Horace M., Kennebunk, Me. Sectional checker-board.....	841,366	Jan. 15	3181	685	126	898
Yorke, Patrick, Washington, Pa. Derrick.....	852,486	May 7	201	36	128	58
Yost Gearless Motor Company. (See Yost, Henry W. and J. E., assignors.).....						
Yost, Henry P., Tekonsha, Mich. Hopper.....	858,935	July 2	977	254	129	335
Yost, Henry P., Tekonsha, Mich. Grain-auger mechanism.....	Dec. 24	4432	935	131	1979	739
Yost, Henry W. and J. E., assignors to Yost Gearless Motor Company, Springfield, Ohio. Oscillating motor.....	861,690	July 30	5227	1436-7	129	1842
Yost, Joseph E. (See Yost, Henry W. and J. E.).....						
Yost, Matthew, <i>et al.</i> (See Eyth, Louis J., assignor.).....						
Yost, Victor A., Ossining, N. Y. Extensible shaft.....	846,079	Mar. 5	745	156	127	190
Yost, William R., Barton Heights, assignor to Tredegar Company, Richmond, Va. Manufacture of horseshoes.....	845,211	Feb. 26	4949	1051	126	3139
Yost Writing Machine Company. (See Smith, Arthur W., assignor.).....						
Yost Writing Machine Company. (See Walker, Charles W., assignor.).....						
Youmans, A. E., <i>et al.</i> (See Connell, William J., assignor.).....						
Youmans, George P., Galesburg, assignor to Kalamazoo Tank & Silo Company, Kalamazoo, Mich. Silo.....	854,010	May 21	3337	685-6	128	925
Young, Abraham L. Paris Ill. Dumping apparatus for vehicles.....	851,050	Apr. 23	4680	984	127	2893
Young, Albert E., Christchurch, and E. G. Kerr, Timaru, New Zealand. Machine for issuing checks or tickets.....	857,266	June 18	3545	751	128	2664
Young, Alfred C., Philadelphia, Pa. Level-head.....	864,588	Aug. 27	3897	1081-2	129	3391
Young, Alfred K., Pittsburg, Pa. Steam-boiler furnace.....	870,267	Nov. 5	616	165-6	131	201
Young, Andrew E., and J. F. Hinkle, Roswell, N. Mex. Buckle.....	873,199	Dec. 10	1858	390	131	1492
Young, Arthur H. (See Palmgren and Young.).....						
Young Building and Investment Company. (See Humes, Harry S., assignor.).....						
Young, Charlie F., Ginghamburg, Ohio. Machine for treating oil-cakes.....	842,741	Jan. 29	6054	1276-7	126	1689
Young, Clinton H. (See Sanborn and Young.).....						
Young, Daniel H., assignor to S. R. Young, Manchester, Iowa. Whiffletree-clip.....	856,668	June 11	2427	500	128	2342
Young, Edgar J., Buenos Ayres, Argentina. Shock-absorbing mechanism.....	874,150	Dec. 17	3793	799-800	131	1840
Young, Edward F. C., <i>et al.</i> (See Doerflinger and Buck, assignors.).....						
Young, Frank, Creston, Iowa. Steam-boiler valve.....	847,870	Mar. 19	4339	952	127	1150
Young, Frank, Knights Landing, Cal. Cork-holder.....	859,716	July 9	2158	583	129	752
Young, Frank A., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.....	849,450	Apr. 9	1640	333	127	2044
Young, Frank A., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.....	864,350	Aug. 27	3489	971	129	3261
Young, Frank A., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.....	865,744	Sept. 10	1542	435	130	502
Young, Frank A., assignor to Monarch Typewriter Company, Syracuse, N. Y. Type-writing machine.....	869,039	Oct. 22	2880	796	130	2266
Young, Frank F. (See Haley, James M., assignor.).....						
Young, Frank R., Brookfield, Mo. Portable roller-skating-rink floor.....	867,330	Oct. 1	153	45	130	1360
Young, Frederick W. (See Heitmann and Young.).....						
Young, Frederick W., East Orange, N. J. Core.....	844,642	Feb. 19	3813	807	126	2809
Young, Frederick W., East Orange, N. J. Fuse.....	871,851	Nov. 26	3558	870	131	977
Young, Frederick W., assignor of one-half to R. M. Pearce, Rock Island, Ill. Skid and truck.....	843,654	Feb. 12	1640	348	126	2239
Young, Freeman N., Arlington, Mass. Bottle-washing machine.....	841,299	Jan. 15	3044	659	126	861
Young, Freeman N., Arlington, Mass. Bottle-washing machine.....	843,056	Feb. 5	421	92	126	1899
Young, George, <i>et al.</i> (See Daniel and Keller, assignors.).....						
Young, George B. (See Young, Joseph H. and G. B.).....						
Young, George B. and J. H., El Paso, Tex. Corn-popper.....	858,317	June 25	5615	1202	128	3217
Young, George B. and J. H., El Paso, Tex. Corn-popper.....	858,318	June 25	5617	1203	128	3217
Young, George B. and J. H., El Paso, Tex. Corn-popper.....	875,483	Dec. 31	6472	1352	131	2331
Young, George F., South Kortright, N. Y. Wagon-brake.....	849,307	Apr. 2	1375	277	127	1938
Young, George H., <i>et al.</i> (See Bostley, Augustus H., assignor.).....						
Young, Harry W., assignor to J. E. Reyburn, Philadelphia, Pa. Electric and pneumatic governor.....	850,329	Apr. 16	3283	684	127	2501
Young, Henry T., Florence, S. C. Fertilizer-distributor.....	843,512	Feb. 5	1350	283-4	126	2130
Young, Herbert N. (See Hughes and Young.).....						
Young, Ira J., St. Louis, Mo. Woven-wire fence.....	847,871	Mar. 19	4340	952	127	1151
Young, Ira J., St. Louis, Mo. Wire-fabric-knitting machine.....	863,482	Aug. 13	2176	588-90	129	2794
Young, James C., Jersey City, N. J. Electric smelting apparatus.....	865,285	Sept. 3	798	229-30	130	240
Young, James E., Chicago, Ill. Water-filter.....	868,828	Oct. 22	2565	707	130	2169
Young, James M., assignor of one-half to W. J. Young, Spring Creek, Pa. Device to open doors.....	854,262	May 21	3846	794	128	1054
Young, James S., Bethel, Vt. Stone-saw.....	840,546	Jan. 8	1536	339	126	438
Young, James S., Northfield, Vt. Stone-sawing machine.....	841,300	Jan. 15	3047	660	126	862
Young, James S., Sacramento, Cal. Stone-cutting saw.....	861,419	July 30	4829	1325	129	1719
Young, John. (See Willix and Young.).....						
Young, John F., <i>et al.</i> (See Williams, Charles, assignor.).....						
Young, John J., Denver, Colo. Cultivator attachment.....	849,956	Apr. 9	2597	540	127	2285
Young, John L. (See Smith, Ozro F., assignor.).....						
Young, John W., assignor of one-half to H. S. McLeod, Troy, N. Y. Box-cover fastener.....	860,007	July 16	2623	713	129	933
Young, Joseph F., and E. L. Brennan, Morristown, N. J. Music-turner.....	863,824	Aug. 20	2699	744	129	2990
Young, Joseph F., and F. A. Libby, Morristown, N. J. Buckle.....	858,936	July 2	979	254	129	336
Young, Joseph H. (See Young, George B. and J. H.).....						
Young, Joseph H. and G. B., assignors of one-third to C. S. Pickrell, El Paso, Tex. Scraper and regulator.....	842,742	Jan. 29	6060	1277	126	1691
Young, Joseph R., Micaville, N. C. Wrench.....	844,905	Feb. 19	4351	929	126	2945
Young, Joseph S., Pittsburg, Pa. Door-check.....	873,693	Dec. 10	2817	600	131	1657
Young, O. L. (See McGonigle, Charles W., assignor.).....						
Young, Lewis G. (See Powell, Nicholas M., assignor.).....						
Young, Lionel W., Massillon, Ohio. Trousers-creaser.....	842,743	Jan. 29	6061	1277	126	1691
Young, Louis E., Rockford, Ill. Rotary pump.....	861,626	July 30	5140	1411	129	1817

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Young-Mann-Averill Company. (See Young, Otis W., assignor.)						
Young, Marshal I., Fort Dodge, Iowa. Surgical-table top.	848,423	Mar. 26	5435	1185	127	1458
Young, Nathaniel, Portsmouth, N. H. Explosive-engine governor.	855,490	June 4	92	19	128	1718
Young, Otis W., assignor to Young-Mann-Averill Company, Chicago, Ill. Engine-valve.	840,185	Jan. 1	794	173-4	126	213
Young, Philip K., Omaha, Nebr. Cement-brick-pressing machine.	866,175	Sept. 17	2216	617-19	130	754
Young, Robert H. (See Willing, Claude R., assignor.)						
Young, Samuel L., and H. L. Conley, assignors to S. Dean, D. B. Long, A. P. Grant, C. L. Finney, and A. L. Long, New Castle, Pa. Sand-blast device.	859,863	July 9	2377	646	129	821
Young, Samuel R. (See Young, Daniel H., assignor.)						
Young, Thomas H. (See Oldham, George F., assignor.)						
Young, Thomas J., Martin, Ga. Automatic grain-scale.	875,402	Dec. 31	6318	1317-18	131	2305
Young, Vinton C., Verona, Mo. Rail-joint.	852,210	Apr. 30	7059	1474	127	3522
Young, W. J. (See Young, James M., assignor.)						
Young, William, Peebles, Scotland, and S. Glover, St. Helens, England. Apparatus for carbonizing coal for the production of gas.	873,647	Dec. 10	2730	578	131	1641
Young, William B., Brandon, Manitoba, Canada. Printing-frame.	855,375	May 28	6015	1255	128	1634
Young, William H. F., Muncie, Ind. Combined lock and latch.	861,420	July 30	4832	1325	129	1720
Young, William H. F., Muncie, Ind. Combined lock and latch.	861,421	July 30	4833	1325	129	1720
Young, William H. F., Muncie, Ind. Combined lock and latch.	862,230	Aug. 6	194	54	129	2143
Young, William H. F., Muncie, Ind. Lock.	864,819	Sept. 3	82	23-4	130	28
Young, William T., Grand Rapids, Mich. Whiffletree.	846,714	Mar. 12	1996	439	127	537
Youngusband, Samuel S., Darlington, England. Smoke-box of locomotive-engine and similar boilers.						
Younglove, Thomas J., assignor of one-half to T. B. Hicks, Richmond, Va. Door-check.	871,551	Nov. 19	2969	741	131	850
Younglove, Thomas J., assignor of one-half to T. B. Hicks, Richmond, Va. Door-check.	851,150	Apr. 23	4877	1026	127	2942
Younglove, Thomas J., assignor of one-half to T. B. Hicks, Richmond, Va. Door-check.	851,192	Apr. 23	4963	1043	127	2962
Younglove, Thomas J., assignor of one-half to T. B. Hicks, Richmond, Va. Door-check.	851,193	Apr. 23	4964	1043	127	2963
Youngman, Thomas H., Mitchell, S. D. Game-board.	875,230	Dec. 31	5979	1246	131	2251
Youngquist, Carl F. and C. G., San Francisco, Cal. Pole-climbing shoe.	857,430	June 18	3853	818	128	2740
Youngquist, Carl G. (See Youngquist, Carl F. and C. G.)						
Youngren, Peter L., Milwaukee, Wis. Tunnel-kiln.	868,059	Oct. 15	1338	374	130	1765
Younts, Clinton D. (See Fenn and Younts.)						
Youngstown Sheet and Tube Company. (See Reilly, William C., assignor.)						
Ypsilanti Hay Press Co. (See Christensen, John, assignor.)						
Yturri, Henry, San Antonio, Tex. Trap.	850,510	Apr. 16	3645	762	127	2592
Yule, John, New York, N. Y. Pipe-nipple-blank holder.	860,112	July 16	2765	755	129	978
Zabriskie, Albert T. (See Gancher and Zabriskie.)						
Zachaira, Therese S., New York, N. Y. Sewing-machine hemmer.	853,145	May 7	1553	323	128	392
Zachow, William, Milwaukee, Wis., assignor to International Harvester Company. Fertilizer-distributor.	873,823	Dec. 17	3090	659-61	131	1733
Zafra, Carlos de, New York, N. Y. Projectile.	863,248	Aug. 13	1860	500	129	2604
Zagelmeyer, Frank, Bay City, Mich. Filling mechanism for brickmaking plants.	857,143	June 18	3314	699	128	2665
Zagelmeyer, Frank, Bay City, Mich. Making molded blocks or bricks.	862,367	Aug. 6	426	129	2219	
Zahn, Oswald F., Los Angeles, Cal. Self-righting roller-bearing.	849,094	Apr. 2	958	196	127	1832
Zahner, Henry F., Kansas City, Mo. Automatically-closing window.	842,369	Jan. 29	5224	1108	126	1481
Zahner, William E., Kansas City, Mo. Metallic window.	865,286	Sept. 3	801	230-1	130	241
Zamboni, Lawrence, assignor to American Pulley Company, Philadelphia, Pa. Pulley-frame.	849,308	Apr. 2	1476	277	127	1908
Zamboni, Lawrence, assignor to American Pulley Company, Philadelphia, Pa. Pulley-frame.	860,113	July 16	2766	755	129	978
Zamora, Jose P. (See Lopez and Zamora.)						
Zane, James L., Pulaski, Iowa. Seat.	849,451	Apr. 9	1644	333	127	2045
Zanto, Emil H., Dartford, Wis. Wrench.	857,220	June 18	3463	730	128	2643
Zanzig, Charles F., Milwaukee, Wis. Sewing-machine shuttle.	856,830	June 11	2715	562	128	2416
Zaremba, Edward, Chicago, Ill. Evaporator.	870,211	Nov. 5	531	144	131	174
Zaring, Leander B., et al. (See Okey, George B., assignor.)						
Zastrow, August, Aberdeen, S. D. Self-feeder for threshing-machines.	864,820	Sept. 3	86	24	130	28
Zastrow, Friedrich W., Clarion, Iowa. Cultivator.	841,840	Jan. 22	4128	889	126	1176
Zastrow, Herman E., and J. H. Koeppe, Portage, Wis. Reversing-gear for gasoline engines.	854,550	May 21	4368	905	128	1184
Zastrow, Richard, New Haven, Conn. Bottle-capping machine.	862,530	Aug. 6	733	196	129	2311
Zausner, Joseph, Newark, N. J., assignor to A. F. Nanz, Brooklyn, N. Y. Watchman's time-detector.	840,410	Jan. 1	1260	275	126	831
Zegarow, Alexander, assignor of one-third to J. Stasinski, Philadelphia, Pa. Steam-engine.	859,864	July 9	2378	646	129	822
Zehden, Alfred, Frankfurt-on-the-Main, Germany, assignor to J. M. Woodward, Cleveland, Ohio. Electric traction apparatus. (Reissue.)	12,700	Oct. 1	515	147-8	130	1473
Zehner, Perry O., Tank, Pa. Steering device. (Reissue.)	866,901	Sept. 24	3286	925	130	1125
Zeien, Peter J. (See Sarvalla and Zeien.)						
Zeigler, George E., Economy, Pa. Overshoe-retainer.	856,505	June 11	2099	431	128	2260
Zeiser, Adlow. (See Zeiser, John R. and A.)						
Zeiser, John R. and A., Berwick, Pa. Form for concrete sidewalks.	872,602	Dec. 3	595	124	131	1260
Zeiser, John R. and A., Berwick, Pa. Combined clamp and spreader.	874,151	Dec. 17	3795	800	131	1840
Zeiser, Leonard. (See Bierlein and Zeiser.)						
Zeiss, B. Edward. (See Fadden, Ren W., assignor.)						
Zeiss, Firm of Carl. (See Dönitz, Emil, assignor.)						
Zeiss, Carl, Firm of. (See König, Albert, assignor.)						
Zeiss, Carl, Firm of. (See Rohr, Moritz von, assignor.)						
Zeiss, Carl, Firm of. (See Rudolph and Wandersleb, assignors.)						
Zeiss, Carl, Firm of. (See Straubel, Rudolf, assignor.)						
Zeldis, Joseph, and J. M. Weber, Philadelphia, assignors to Leicester and Continental Mills Company, Germantown, Philadelphia, Pa. Trimming attachment for sewing-machines.	844,574	Feb. 19	3706	779-80	126	2782
Zelenka, Jerome P., Chicago, Ill. Telegraphic instrument.	868,621	Oct. 15	2229	619	130	2040
Zeller, Edward H., Cleveland, Ohio. Eyeglass-fastener.	848,715	Apr. 2	192	40	127	1637
Zeller, George C., Tiffin, Ohio. Shears.	868,060	Oct. 15	1340	374	130	1766
Zeller, Melancthon E., Gilboa, Ohio. Harness-loop.	862,782	Aug. 6	1115	307	129	2424
Zeller, Sebay A., New Freedom, Pa. Nut-lock.	860,430	July 16	3246	887	129	1136
Zelley, Samuel S., Philadelphia, Pa. Triplicate sales-check.	853,050	May 7	1389	290	128	354
Zellweger, John, St. Louis, Mo. Gas-washer.	866,706	Sept. 24	2991	848	130	1024
Zellweger, John, St. Louis, Mo. Condenser.	869,342	Oct. 29	3359	925	130	2441
Zelnicker, James H., et al. (See Wood, John W., assignor.)						
Zeman, Joseph A., assignor of one-half to L. L. Beauchaine, Davenport, Iowa. Screw-driver.	861,010	July 23	4172	1143	129	1471
Zempter, George H., assignor of one-half to Cohn, Witney & Goldfarb, Greenville, Miss. Cotton-harvesting machine.	868,061	Oct. 15	1341	375	130	1766

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Zent, W. W. (See Scott, Hermon C., assignor.)						
Zeppnick, Robert C., Milwaukee, Wis. Glazier's tack	854,263	May 21	3847	794	128	1054
Zeppelin, Ferdinand v., Berlin, Germany. Signal-indicating device for locomotives	855,920	June 4	932	193-4	128	1929
Zerbe, Charles H. (See Vastine and Zerbe.)						
Zidovec, August, San Francisco, Cal. Stamping-press	842,603	Jan. 29	5736	1212	126	1612
Ziegenfuss, Elmer E., Moline, Ill. Packing-auger	849,452	Apr. 9	1645	333	127	2046
Ziegenfuss, Friedrich, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Artillery-projectile	840,984	Jan. 8	2389	523	126	650
Ziegenfuss, Friedrich, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Impact-fuse	859,590	July 9	1971	531	129	691
Ziegler, Alfred M., assignor to A. Ziegler & Sons Company, Boston, Mass. Garment-supporter	864,716	Aug. 27	4100	1138	129	3454
Ziegler, Edward, <i>et al.</i> (See Haeberli and Schmidt, assignors.)						
Ziegler, Frederick J., New York, N. Y. Mechanical movement	858,049	June 25	5129	1085	128	3093
Ziegler, Frederick J., New York, N. Y. Speed-changing mechanism for automobiles	858,050	June 25	5130	1085	128	3094
Ziegler, Frederick J., New York, N. Y. Lubricating device for automobiles	873,478	Dec. 10	2393	504	131	1585
Ziegler, George W., Los Angeles, Cal. Manufacture of illuminating and heating gas	865,621	Sept. 10	1363	386	130	446
Ziegler, John C., Wichita Falls, Tex. Oil-burner	872,398	Dec. 3	161	31	131	1193
Ziegler, Joram, Cleveland, Ohio, assignor, by mesne assignments, to Elliott-Fisher Company. Platen for type-writing machines	843,057	Feb. 5	424	92-3	126	1900
Ziegler, William D., Centralia, Wash. Hook	860,178	July 16	2865	782	129	1012
Ziehler, Bernard, Dayton, Ohio. Water-motor	871,852	Nov. 26	3560	871	131	977
Zielsen, Friedrich C., Kluss, near Wismar, Germany. Device for cutting away reeds and water-plants growing in ponds and rivers	868,958	Oct. 22	2760	761	130	2229
Zierlein, Richard W., St. Louis, Mo., assignor of forty-five one-hundredths to W. Riechmann. Vapor-burning lamp	853,330	May 14	1964	406	128	536
Zigler, Stephen S., Oxford Junction, Iowa. Combined trousers stretcher and presser	843,250	Feb. 5	855	174	126	2011
Zillgen, Joseph, Berlin, Germany. Starting device for engines	863,249	Aug. 13	1861	501	129	2695
Zillhardt, Jakob, assignor to Tim & Company, Troy, N. Y. Automatic cut-off for gas-stoves	873,145	Dec. 10	1750	367	131	1475
Zilly, August W., Camden, N. J. Ventilated ridge-bar	865,961	Sept. 10	1883	528	130	618
Zimmermann, George, Philadelphia, Pa. Woven pile fabric	849,877	Apr. 9	2473	508	127	2254
Zimmer, Arthur G., New York, N. Y. Pocket-knife	861,789	July 30	5389	1486	129	1889
Zimmer, Paul H. (See Yates and Zimmer.)						
Zimmer, Paul H., Schenectady, N. Y., assignor to General Electric Company. Motor-starting rheostat	840,186	Jan. 1	799	174	126	214
Zimmer, Samuel B. (See Spence, Zimmer, and Prugh.) (Reissue.)						
Zimmer, Samuel B., Oakland, Cal. Reinforced concrete construction	865,145	Sept. 3	579	163	130	176
Zimmerman, Bernard H., Utica, N. Y., assignor, by mesne assignments, to Union Special Machine Company, Chicago, Ill. Producing sewed fabrics	857,510	June 18	4011	854	128	2780
Zimmerman, Charles, Frederick, Md. Ironing-table	861,154	July 23	4371	1199	129	1536
Zimmerman, Charles H., <i>et al.</i> (See Bowser, Albert C., assignor.)						
Zimmerman, Frank M., Aurora, Ill. Switch for trolley-wires	869,955	Nov. 5	114	31-2	131	38
Zimmerman, Frank T., Auburn, Ind. Shaft-bearing	870,810	Nov. 12	1498	409	131	519
Zimmerman, Harry, Fremont, Ohio. Cutting-board	844,075	Feb. 12	2410	516	126	2428
Zimmerman, Harry, Fremont, Ohio. Apparatus for feeding and cutting multiple fabrics	847,536	Mar. 19	3637	802	127	979
Zimmerman, Ira F., Coffeyville, Kans. Hydrocarbon-burner	864,589	Aug. 27	3898	1082	129	3391
Zimmerman, John, Philadelphia, Pa., assignor to Philadelphia Tapestry Mills. Pile fabric	855,153	May 28	5624	1170	128	1534
Zimmerman, John W., Chicago, Ill. Bottle-closure	839,977	Jan. 1	350	77	126	96
Zimmerman, Martin, Rochester, N. Y. Fishing-tackle	849,036	Apr. 2	838	172	127	1801
Zimmerman, Walter H., De Kalb, Ill. System of drip-water return	870,658	Nov. 12	1248	339	131	441
Zimmerman, William A., Brooklyn, N. Y. Sign character	846,970	Mar. 12	2520	556	127	670
Zimmermann, Charles E., Syracuse, N. Y. Column-base	842,604	Jan. 29	5738	1212-13	126	1612
Zimmermann, Charles E., Syracuse, N. Y. Base for columns, &c.	868,314	Oct. 15	1732	489	130	1884
Zimmermann, John E., Willow Grove, assignor to American Pulley Company, Philadelphia, Pa. Wheel	849,309	Apr. 2	1378	277-8	127	1938
Zimmermann, Otto, Ludwigshafen-on-the-Rhine, Germany. Bleaching and sterilizing corn and its products	853,940	May 14	3196		128	850
Zimmermann, Otto, Ludwigshafen-on-the-Rhine, Germany. Manufacturing tube apparatus	873,976	Dec. 17	3392	722	131	1783
Zimmers, George, Chicago, Ill. Sausage-stuffing machine	859,535	July 9	1876	504	129	661
Zimms, Joseph, Long Island City, N. Y. Bushing-puller	867,181	Sept. 24	3745	1056	130	1268
Zindorf, Matthias P., Everett, Wash. Machine for leveling and scraping	843,784	Feb. 12	1866	398	126	2295
Zink, Charles H., <i>et al.</i> (See Lang, Adolph, assignor.)						
Zinn, George F., Derry, Pa. Doughnut-frying machine	859,717	July 9	2159	583-4	129	752
Zinter, Gustav, Buffalo, N. Y. Coaster-brake	857,855	June 25	4698	996-7	128	2984
Zion City Manufacturing Co. (See Hull, John W., Sr., assignor.)						
Zippler, Michael, Allegheny, Pa. Cupola-furnace	874,476	Dec. 24	4433	935	131	1979
Zipprich, Eugene. (See Müller and Zipprich.)						
Ziska, Adam, Jr., Chicago, assignor to Rockford Automobile & Engine Co., Rockford, Ill. Drive mechanism for motor-vehicles	872,881	Dec. 3	1184	252-3	131	1353
Zivi, Adolf, Mannheim, Germany. Heating apparatus for fluids	849,878	Apr. 9	2474	508	127	2254
Zoebli, Theodor, Chicago, Ill. Pitch-indicating device for graphophones and the like	872,399	Dec. 3	164	31	131	1194
Zoeller, Carl, and J. Hodge, Brisbane, Queensland, Australia. Cutter or knife for cal-dehorers	864,590	Aug. 27	3899	1082	129	3391
Zoelly, Heinrich, Zurich, Switzerland. Explosive-turbine	864,821	Sept. 3	88	25	130	29
Zoffer Plate Glass Manufacturing Company. (See Bagnall, Edward, assignor.) (Reissue.)						
Zollenkopf, William. (See Menne and Zollenkopf.)						
Zollers, Frank W., Coulters, Pa. Nut-lock	844,643	Feb. 19	3815	807	126	2809
Zolling, Richard, Oakland, Cal. Life-boat-launching means	846,770	Mar. 12	2113	464	127	518
Zollinger, Luther R., Philadelphia, Pa. Railway road-bed	841,367	Jan. 15	3182	685	126	898
Zookovitz, Harry L. (See Brownstein, Benjamin, assignor.)						
Zorge, Robert J. (See Flora and Zorge.)						
Zorge, Robert J., assignor to Zorge Safety Railway Equipment Company, Chicago, Ill. Alarm-signal	845,991	Mar. 5	555	116-17	127	142
Zorge Safety Railway Company. (See Flora, Ellsworth E., assignor.)						
Zorge Safety Railway Equipment Company. (See Flora, Ellsworth E., assignor.)						
Zorge Safety Railway Equipment Company. (See Flora and Zorge, assignors.)						
Zorge Safety Railway Equipment Company. (See Zorge, Robert J., assignor.)						
Zorger, Charles H., and H. O. Jensen, Rantoul, Ill. Rotary engine	866,319	Sept. 17	2429	678	130	820
Zorn, John B., assignor of one-half to L. S. Pendleton, Wisdom, Mont. Combined cigar-stand, cigar-cutter, match-box, and lighter	845,325	Feb. 26	5189	1101	126	3197
Zschech, Gustavus H., Berwyn, Ill. Feed-water heater and purifier	852,487	May 7	201	37	128	59
Zube, Robert, Shell Lake, Wis. Fire-escape	869,151	Oct. 22	3051	842	130	2320

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Zuber, William W., Osnaburg, Ohio. Mine-door.....	848,716	Apr. 2	192	40	127	1637
Zubillaga, Joaquin. (See Altolaguiere and Zubillaga.)						
Zucco, Pierre, New York, N. Y. Girder or beam.....	861,930	July 30	5594	1545	129	1951
Zucke, Nicholas, Sparks, Cal. Oil-burner.....	842,370	Jan. 29	5226	1109	126	1482
Zucker, Alfred, Dresden, Germany. Carbonic-acid bath.....	869,610	Oct. 29	3802		130	2579
Zucker & Levett & Loeb Company. (See Bleimeyer, Peter B., assignor.)						
Zucker & Levett & Loeb Company. (See Elliott, George M., assignor.)						
Zuckriegel, Peter, Cleveland, Ohio. Music-chart.....	870,405	Nov. 5	851	226-7	131	280
Zulauf, George F. (See Dages, Louis P., assignor.)						
Zulinke, Peter, Elizabeth, and S. Burget, Jersey City, N. J. Chuck.....	860,781	July 23	3797	1040	129	1349
Zumdahl, Frederick C. (See Cormack and Zumdahl.)						
Zunner Construction and Equipment Company. (See Zunner John H. G., assignor.)						
Zunner, John H. G., assignor to Zunner Construction and Equipment Company, Rochester, N. Y. Apparatus for use in pitching barrels and the like.....	859,164	July 2	1312	349	129	442
Zurbuch, Henry A., Marion, Ind. Mold for making plastic blocks.....	855,084	May 28	5488	1138	128	1500
Zwack, Rudolf. (See Kottmair and Zwack.)						
Zwalina, Samuel, Meiningen, Germany. Portable drying-stove.....	845,605	Feb. 26	5713	1210	126	3326
Zweigart, Charles W. (See Cummings, Robert T., assignor.)						
Zweigbergk, Thorsten von, Preston, England. Controller.....	861,790	July 30	5391	1487	129	1889
Zweigle, Gotthilf, Esslingen, Germany. Spittoon.....	841,301	Jan. 15	3049	660	126	863
Zwickl, Max, New Durham, N. J. Muffler and whistle device.....	842,744	Jan. 29	6062	1278	126	1691
Zwibel, George W., Papillion, Nebr. Vehicle-wheel.....	840,985	Jan. 8	2390	523	126	560
Zwibel, George W., Papillion, Nebr. Post-hole digger.....	849,957	Apr. 9	2599	540	127	2285
Zwingenberger, Otto K., New York, N. Y. Gas-producer.....	874,276	Dec. 17	4052	856	131	1882

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A. A. Vantine & Co. (See Booth, Emory T., assignor.)				
A. A. Weeks-Hoskins Company. (See Numan, Charles H., assignor.)				
Adams, John Q., Omaha, Nebr. Hotel-cabinet.	38,607	June 4	128	2059
Advance Glass Company. (See Woltjen, Fred, assignor.)				
Ahrenfeldt, Charles J., New York, N. Y. Covered dish or similar article.	38,470	Mar. 5	127	367
Ahrenfeldt, Charles J., New York, N. Y. Plate or similar article.	38,471	Mar. 5	127	367
Ahrenfeldt, Charles J., New York, N. Y. Plate or similar article.	38,472	Mar. 5	127	368
Ahrenfeldt, Charles J., New York, N. Y. Plate or similar article.	38,473	Mar. 5	127	368
Aiken, Edward L., Orange, assignor to New Jersey Patent Company, West Orange, N. J. Phonograph-horn.	38,942	Dec. 10	131	1660
Aiken, Edward L., Orange, assignor to New Jersey Patent Company, West Orange, N. J. Phonograph-horn.	38,943	Dec. 10	131	1660
Albright, William L. (See Couper and Albright.)				
Alexander, George A., assignor to W. Linker, Philadelphia, Pa. Handle for spoons, forks, and similar articles.	38,789	Sept. 10	130	634
Alexander, Jesse, Brooklyn, N. Y. Type-writer-platen frame.	38,819	Sept. 17	130	955
Alexander, Jesse, Brooklyn, N. Y. Type-writer-carriage frame.	38,820	Sept. 17	130	955
Alexander, Jesse, Brooklyn, N. Y. Spool for type-writer ribbons and tension-bands.	38,857	Oct. 15	130	2048
Alexander, Jesse, Brooklyn, N. Y. Type-writer frame.	38,927	Dec. 3	131	1396
Alfred Peats Company. (See Pronberger, Ludwig, assignor.)				
Allen, Francis K., assignor to Springfield Metallic Casket Company, Springfield, Ohio. Handle-plate for caskets.	38,411	Jan. 15	126	1038
Allen, Louis. (See Norton, Frank, assignor.)				
Ambrose, Edward. (See Galbraith and Ambrose.)				
American Cut Glass Company. (See Anderson, William C., assignor.)				
American Radiator Company. (See Sjoden, Eric, assignor.)				
American Silver Company. (See Large, Samuel J., assignor.)				
American Thermos Bottle Company. (See Burger, Reinhold, assignor.)				
Anderson, William C., Lansing, Mich. Cut-glass vessel.	38,492	Mar. 26	127	1552
Anderson, William C., assignor to American Cut Glass Company, Lansing, Mich. Dish.	38,950	Dec. 17	131	1916
Archibald-Klement Company et al. (See Holmes, Frank G., assignor.)				
Arnold, Frank W., Providence, R. I., assignor to Wightman and Hough Company. Locket or similar article.	38,475	Mar. 12	127	827
Arnold, Frank W., Providence, R. I., assignor to Wightman and Hough Company. Locket or similar article.	38,476	Mar. 12	127	827
Arnold, Frank W., Providence, R. I., assignor to Wightman and Hough Company. Locket or similar article.	38,633	June 25	128	3258
Arnold, Frederick H., Reading, Pa. Safety-razor.	38,754	Aug. 20	129	3138
Aronson, Henry A., Chicago, Ill. Molding for picture-frames.	38,527	Apr. 16	127	2785
Arthur, Paul, Detroit, Mich. Automatic radiator.	38,962	Dec. 24	131	2126
Atwood, William H., New Haven, Conn., assignor to Electric Vehicle Company, Jersey City, N. J. Automobile-body.	38,486	Mar. 19	127	1229
Auerbach, Louis, New York, N. Y. Neckwear fabric.	38,947	Dec. 10	131	1661
Automatic Drink Machine Company. (See Millard, William, assignor.)				
Bachert, Augustus E., Robertsdale, Pa. Book-plate.	38,937	Dec. 10	131	1659
Ball, Sidney Y., assignor to Webb C. Ball Watch Company, Cleveland, Ohio. Badge.	38,541	Apr. 30	127	3616
Ball, Sidney Y., assignor to Webb C. Ball Watch Company, Cleveland, Ohio. Badge.	38,542	Apr. 30	127	3617
Barker, James, Philadelphia, Pa. Side frame for dentist and barber chairs.	38,620	June 11	128	2501
Barker, James, Philadelphia, Pa. Foot-rest for dentist and barber chairs.	38,774	Aug. 27	129	3479
Barmore, Nathaniel L., Chicago, Ill. Casket or similar handle.	38,606	June 4	128	2058
Barr, John U., New York, N. Y. Pincushion.	38,630	June 18	128	2812
Barr, John U., New York, N. Y. Pincushion.	38,787	Sept. 10	130	633
Barron, James S., New York, N. Y. Coin-tray.	38,718	Aug. 6	129	2472
Barry, David P., New York, N. Y. Pin or button head.	38,965	Dec. 31	131	2396
Bateman, Frederic H., Grenloch, N. J. Watch-fob pendant.	38,550	May 7	128	429
Bates, Clifford V., Bartlesville, Ind. Ter. Watchcase.	38,757	Aug. 20	129	3138
Beach, Harry L., Coshocton, Ohio. Picture-frame.	38,780	Sept. 3	130	277
Beach, Henry B., and H. J. Kayser, assignors to International Silver Co., Meriden, Conn. Candelabrum.	38,637	June 25	128	3259
Beal, Samuel R., Adrian, Mich. Playing-card.	38,954	Dec. 17	131	1916
Beckwith, Arthur K., Dowagiac, Mich. Heating-stove.	38,777	Aug. 27	129	3480
Beckwith, Arthur K., Dowagiac, Mich. Heating-stove.	38,778	Aug. 27	129	3480
Becvar, Joseph, Collinwood, Ohio. Gas heating-stove.	38,895	Nov. 19	131	921
Becvar, Joseph, Cleveland, assignor to Wehrle Company, Newark, Ohio. Range.	38,974	Dec. 31	131	2397
Behm, Gustav, Chicago, Ill. Wooden chair-seat.	38,712	July 30	129	2051
Benjamin, Joseph O. (See Wilhelm and Benjamin.)				
Bennett, Charles A., Taunton, Mass., assignor to Reed & Barton Corporation. Spoon or fork.	38,524	Apr. 16	127	2784
Bennett, Ernest H., East Orange, N. J., assignor to J. Bromley and Sons, Philadelphia, Pa. Rug.	38,796	Sept. 10	130	635
Bensel, Thomas H., Camden, N. J. Match-box.	38,788	Sept. 10	130	633
Berbecker & Rowland Manufacturing Company. (See Bond, Lester W., assignor.)				
Bernstein, Henry, Philadelphia, Pa. Neckwear fabric.	38,932	Dec. 3	131	1397
Berry, George H., Shelton, assignor to International Silver Company, Meriden, Conn. Back for mirrors, brushes, and similar toilet articles.	38,561	May 14	128	857
Berry, George H., Shelton, assignor to International Silver Company, Meriden, Conn. Back for mirrors, brushes, and similar toilet articles.	38,562	May 14	128	857
Berry, George H., Shelton, assignor to International Silver Company, Meriden, Conn. Back for mirrors, brushes, and similar toilet articles.	38,563	May 14	128	857
Berry, George H., Shelton, assignor to International Silver Company, Meriden, Conn. Back for mirrors, brushes, and similar toilet articles.	38,564	May 14	128	858
Berry, George H., Shelton, assignor to International Silver Company, Meriden, Conn. Back for mirrors, brushes, and similar toilet articles.	38,565	May 14	128	858
Bilek, Stephen, Chicago, Ill. Picture-frame.	38,510	Apr. 2	127	1964

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Bing, Bridget, New York, N. Y. Badge.....	38,766	Aug. 27	129	3478
Birkin, Charles W., Nottingham, England. Levers lace.....	38,546	Apr. 30	127	3617
Birkin, Charles W., Nottingham, England. Levers lace.....	38,547	Apr. 30	127	3617
Birkin, Charles W., Nottingham, England. Levers lace.....	38,548	Apr. 30	127	3618
Birkin, Charles W., Nottingham, England. Levers lace.....	38,549	Apr. 30	127	3618
Blasier, Lulu G., Wilkinsburg, Iowa. Spoon.....	38,624	June 18	128	2811
Blasier, Lulu G., Wilkinsburg, Iowa. Spoon.....	38,625	June 18	128	2812
Blood, William H., Jr., Boston, Mass. Collapsible tube.....	38,579	May 21	128	1270
Bond, Lester W., New York, N. Y., assignor to Berbecker & Rowland Manufacturing Company, Waterville, N. H. Furniture-handle.....	38,939	Dec. 10	131	1660
Booth, Emory T., assignor to A. A. Vantine & Co., New York, N. Y. Bottle.....	38,710	July 30	129	2051
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,477	Mar. 12	127	827
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light shade or globe.....	38,684	July 16	129	1241
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light shade or globe.....	38,685	July 16	129	1241
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,721	Aug. 6	129	2473
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,722	Aug. 6	129	2473
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,723	Aug. 6	129	2473
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,724	Aug. 6	129	2473
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,725	Aug. 6	129	2473
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,726	Aug. 6	129	2473
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,727	Aug. 6	129	2474
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,728	Aug. 6	129	2474
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,729	Aug. 6	129	2474
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,730	Aug. 6	129	2474
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,731	Aug. 6	129	2474
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,732	Aug. 6	129	2474
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,733	Aug. 6	129	2474
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,734	Aug. 6	129	2474
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,735	Aug. 6	129	2475
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,736	Aug. 6	129	2475
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,737	Aug. 6	129	2475
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,738	Aug. 6	129	2475
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,739	Aug. 6	129	2475
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,740	Aug. 6	129	2475
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,741	Aug. 6	129	2475
Booth, Kraft, assignor to Gillinder & Sons, Inc., Philadelphia, Pa. Artificial-light reflector.....	38,742	Aug. 6	129	2476
Bornstein, Phillip J., Seattle, Wash. Vase.....	38,716	Aug. 6	129	2472
Bower, Frank B., assignor to Phi Kappa Sigma Fraternity, Philadelphia, Pa. Insignia.....	38,399	Jan. 8	126	721
Bowlen, William C., Providence, R. I., assignor to Rockford Silver Plate Company, Rockford, Ill. Handle for spoons, forks, or similar articles.....	38,534	Apr. 23	127	3189
Bowlen, William C., Providence, R. I., assignor to Rockford Silver Plate Company, Rockford, Ill. Handle for spoons, forks, or similar articles.....	38,656	July 9	129	843
Brereton, John W., Glen Allen, Va. Spoon.....	38,680	July 16	129	1240
Briggs, Franz S., Neosho, Mo. Ax-display rack.....	38,665	July 9	129	845
Britton, Louis H., Cleveland, Ohio. Fire-indicator.....	38,446	Feb. 19	126	3012
Bromley and Sons, John. (See Bennett, Ernest H., assignor.)				
Bromley & Sons, John. (See Petzold, Adolph, assignor.)				
Brooke, Charles M. and H. K., Melbourne, Victoria, Australia. Bottle.....	38,755	Aug. 20	129	3138
Brooke, Henry K. (See Brooke, Charles M. and H. K.)				
Brooks, Frank M., New York, N. Y. Gas-lamp.....	38,831	Sept. 24	130	1289
Brotherhood of Locomotive Firemen and Enginemen. (See Carter, William S., assignor.)				
Brower, Julius, New York, N. Y. Belt.....	38,649	July 2	129	457
Brown, Everett H., Philadelphia, Pa. Knit fabric.....	38,397	Jan. 1	126	354
Brown, Everett H., Philadelphia, Pa. Knit fabric.....	38,413	Jan. 15	126	1039
Brown, Everett H., Philadelphia, Pa. Knit fabric.....	38,414	Jan. 15	126	1039
Brown, Everett H., Philadelphia, Pa. Knit fabric.....	38,415	Jan. 15	126	1039
Brunner, Louis H., Lakewood Ohio. Badge.....	38,597	June 4	128	2057
Brush, Oscar G., Bay City, Mich. Urn and pedestal therefor.....	38,513	Apr. 9	127	2361
Buckley, Harry H., assignor to Pitkin & Brooks, Chicago, Ill. Cut-glass vessel.....	38,422	Jan. 22	126	1329
Budd, Edward G., assignor to Hale-Kilburn Metal Company, Philadelphia, Pa. End frame for car-seats.....	38,687	July 16	129	1242
Buffalo Radiator Company. (See McKeown, William C., assignor.)				
Burger, Reinhold, Berlin, Germany, assignor to American Thermos Bottle Company, New York, N. Y. Bottle.....	38,834	Sept. 24	130	1290
Burke, Richard R. (See O'Neill and Burke.)				
Burnam, Virginia D., Huntsville, Ala. Combined seat and cabinet.....	38,978	Dec. 31	131	2398
Burschel, Victor, Scranton, Pa. Printed fabric.....	38,589	May 28	128	1662
Buskey, Albert, Wheeling, W. Va. Glass vessel.....	38,969	Dec. 31	131	2396
Butterworth, Paul S., Richmond, Va. Pendant or watch-charm.....	38,652	July 9	129	842
Campbell, Charles A., New York, N. Y. Gas-lamp.....	38,816	Sept. 17	130	954
Canivet, Charles G., Jr., assignor to Western Clock Mfg. Co., New York, N. Y. Clock-stand or similar article.....	38,717	Aug. 6	129	2472
Canivet, Charles G., New York, N. Y., assignor to Western Clock Manufacturing Company, La Salle, Ill. Clock-case.....	38,770	Aug. 27	129	3478
Carnegie Institute. (See Merriam, Harriet L., assignor.)				
Carter, William S., assignor to Brotherhood of Locomotive Firemen and Enginemen, Peoria, Ill. Badge.....	38,445	Feb. 19	126	3012
Cheney Brothers. (See Crownfield, Sophia L., assignor.)				
Cheney Brothers. (See Fowler, Harriet W., assignor.)				
Cheney Brothers. (See Johnstone, Helen P., assignor.)				
Cheney Brothers. (See Mosenthal, Elizabeth L., assignor.)				
Cheney Brothers. (See Olsson, Anna, assignor.)				
Cheney Brothers. (See Rapp, Ada M., assignor.)				
Cheney Brothers. (See Rose, Arthur M., assignor.)				
Cheney Brothers. (See Russell, Louisa, assignor.)				
Cheney Brothers. (See Sauer, Oscar C., assignor.)				
Chubbuck, Burt A., Medina, N. Y. Clock-case.....	38,514	Apr. 9	127	2361
Clulee, John, Wallingford, assignor to International Silver Company, Meriden, Conn. Handle for spoons, forks, or similar articles.....	38,611	June 11	128	2498
Clymer, Reuben S., Allentown, Pa. Badge or emblem.....	38,553	May 14	128	855
Co-Operative Foundry Co. (See Kennedy and King, assignors.)				
Codman, William C., assignor to Gorham Manufacturing Company, Providence, R. I. Shield.....	38,391	Jan. 1	126	353
Codman, William C., assignor to Gorham Manufacturing Company, Providence, R. I. Shield.....	38,400	Jan. 8	126	721
Codman, William C., assignor to Gorham Manufacturing Company, Providence, R. I. Shield.....	38,401	Jan. 8	126	721
Codman, William C., assignor to Gorham Manufacturing Company, Providence, R. I. Handle of spoons, forks, or similar articles.....	38,657	July 9	129	843

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Coffin, Howard E., assignor to E. R. Thomas Detroit Co., Detroit, Mich. Automobile-body.....	38,800	Sept. 10	130	635
Coffman, James H., Columbus, Ohio. Chair.....	38,768	Aug. 27	129	3478
Coffman, James H., Columbus, Ohio. Chair.....	38,769	Aug. 27	129	3478
Cohen, Bartow B., assignor to Sheffield Stove & Foundry Co. and King Stove & Range Co., Sheffield, Ala. Stove.....	38,529	Apr. 16	127	2785
Cohen, Bartow B., assignor to Sheffield Stove & Foundry Co. and King Stove & Range Co., Sheffield, Ala. Stove.....	38,544	Apr. 30	127	3617
Colburn, Artemas E., Bellingham, Wash. Pin or brooch.....	38,705	July 30	129	2050
Colburn, Artemas E., Bellingham, Wash. Spoon or fork.....	38,715	Aug. 6	129	2472
Cole, James T., Chicago, Ill. Water-cooler.....	38,467	Feb. 26	126	3399
Cole, Thomas W., Chicago, Ill. Cigar-band.....	38,885	Nov. 19	131	919
Continental Manufacturing Co. (See Holstein, Carl V., assignor.)				
Cope, George W. (See Thompson and Cope.)				
Cope, George W., assignor to W. F. Stimpson, Detroit, Mich. Scale-frame.....	38,976	Dec. 31	131	2398
Corbett, Edgar M., Paterson, N. J. Ribbon.....	38,531	May 21	128	1270
Corbett, Edgar M., Paterson, N. J. Ribbon.....	38,912	Nov. 26	131	1184
Corbett, Edgar M., Paterson, N. J. Ribbon.....	38,913	Nov. 26	131	1134
Corbin Cabinet Lock Company. (See Johnson, Charles E., assignor.)				
Cornish, Harry S., New York, N. Y. Liquid-dispensing keg.....	38,891	Nov. 19	131	920
Couper, James H., Atlanta, Ga., and W. L. Albright, Cincinnati, Ohio. Kitchen-cabinet.....	38,425	Jan. 22	126	1330
Court, Charles S. (See Crees and Court.)				
Crary, William P., New York, N. Y. Lamp-body.....	38,410	Jan. 15	126	1038
Crees, Eustace, and C. S. Court, Providence, R. I., assignors to Wightman and Hough Company. Locket or similar article.....	38,491	Mar. 26	127	1552
Crees, Eustace, and C. S. Court, Providence, R. I., assignors to J. S. Townsend, Chicago, Ill. Spoon or similar article.....	38,897	Nov. 26	131	1131
Cretors, Charles, Chicago, Ill. Vehicle-body.....	38,882	Nov. 12	131	665
Cretors, Charles, Chicago, Ill. Vehicle-body.....	38,883	Nov. 12	131	665
Cretors, Charles, Chicago, Ill. Vehicle-body.....	38,884	Nov. 12	131	665
Cross, Harry, and G. J. Griffiths, Woodstock, assignors to Oliver Typewriter Company, Chicago, Ill. Type-writer base-frame.....	38,928	Dec. 3	131	1396
Crowell, Gilbert L., Jr., Arlington, N. J., assignor to Dominick & Hafl, New York, N. Y. Handle for spoons, forks, or similar articles.....	38,601	June 4	128	2058
Crowell, Gilbert L., Jr., Arlington, N. J., assignor to Dominick & Hafl, New York, N. Y. Dish or similar article.....	38,614	June 11	128	2499
Crowell, Gilbert L., Jr., Arlington, N. J., assignor to Dominick & Hafl, New York, N. Y. Handle for spoons, forks, or similar articles.....	38,845	Oct. 8	130	1668
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,568	May 14	128	859
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,569	May 14	128	859
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,570	May 14	128	859
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,571	May 14	128	859
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,572	May 14	128	860
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,575	May 14	128	860
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,864	Oct. 22	130	2353
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,865	Oct. 22	130	2353
Crownfield, Sophia L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,866	Oct. 22	130	2353
Crystal, David, and M. Tischler, New York, N. Y. Skirt.....	38,953	Dec. 17	131	1916
Cummings, Edward M., Catonsville, Md. Lamp.....	38,660	July 9	129	844
Curry, Joseph J., Philadelphia, Pa. Stocking.....	38,609	June 4	128	2059
Curry, Joseph J., Philadelphia, Pa. Knitted fabric.....	38,856	Oct. 8	130	1670
Curtis, Augustus D., Chicago, Ill. Electric-light reflector.....	38,854	Oct. 8	130	1670
Davis, Charles T., Brooklyn, N. Y. Metal washstand.....	38,797	Sept. 10	130	635
Davis, Frank S., Detroit, Mich. Automobile-body.....	38,946	Dec. 10	131	1661
Davis, John J., Pittsburg, Pa. Badge.....	38,487	Mar. 26	127	1552
Davis, John J., Pittsburg, Pa. Badge.....	38,488	Mar. 26	127	1552
De Wyngaert, Joseph E., Newark, N. J. Head of brooches, scarf-pins, or similar articles.....	38,918	Dec. 3	131	1394
De Wyngaert, Joseph E., assignor to Scofield & De Wyngaert, Newark, N. J. Comb.....	38,634	June 25	128	3259
Develon, Thomas, Jr. (See White, Henry C., assignor.)				
Dickelman, Joseph L., Forest, Ohio. Shingle.....	38,931	Dec. 3	131	1397
Dieges, Charles J., New York, N. Y. Badge.....	38,598	June 4	128	2057
Dieges, Charles J., New York, N. Y. Badge.....	38,599	June 4	128	2057
Dieges, Charles J., New York, N. Y. Badge.....	38,600	June 4	128	2057
Dieges, Charles J., New York, N. Y. Badge.....	38,801	Sept. 17	130	952
Dieges, Charles J., New York, N. Y. Badge.....	38,802	Sept. 17	130	952
Dieges, Charles J., New York, N. Y. Badge.....	38,803	Sept. 17	130	952
Dieges, Charles J., New York, N. Y. Badge.....	38,804	Sept. 17	130	952
Dieges, Charles J., New York, N. Y. Badge.....	38,805	Sept. 17	130	952
Dominick & Hafl. (See Crowell, Gilbert L., Jr., assignor.)				
Donovan, William F., assignor to Libbey Glass Company, Toledo, Ohio. Dish.....	38,512	Apr. 9	127	2361
Dufliner & Kimberly Company. (See Howell, Hamilton T., assignor.)				
Dumont, Amos, Champlain, N. Y. Handle for combs, knives, or similar articles.....	38,920	Dec. 3	131	1395
E. R. Thomas Detroit Co. (See Coffin, Howard E., assignor.)				
Eagle Glass & Manufacturing Company. (See Paul, James, assignor.)				
Eagle Pencil Company. (See Solinger, Leo, assignor.)				
Eberle, Frank, Norfolk, Va. Badge.....	38,428	Jan. 29	126	1742
Eckhart, Frank E., Auburn, Ind. Vehicle-body.....	38,776	Aug. 27	129	3479
Eckhart, Frank E., Auburn, Ind. Vehicle-seat.....	38,821	Sept. 17	130	955
Edmonston, Carroll A., Washington, D. C. Handle for spoons or similar articles.....	38,745	Aug. 6	129	2476
Electric Vehicle Company. (See Atwood, William H., assignor.)				
Ellsworth, Herbert E., Cleveland, Ohio. Advertising-stand.....	38,395	Jan. 1	126	354
Emergency Rubber Company. (See Vogt, Albert E., assignor.)				
English, John C., Camden, N. J., assignor to Victor Talking Machine Company. Cabinet for talking-machines.....	38,537	Apr. 23	127	3189
Erickson, Charles A., assignor to Yale & Towne Manufacturing Company, Stamford, Conn. Pad-lock.....	38,773	Aug. 27	129	3479
Evans, William L., Bridgeton, N. J. Dish.....	38,888	Nov. 19	131	920
Faas, Charles H., Portland, Oreg. Emblem or badge.....	38,714	Aug. 6	129	2472

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Fabrique Nationale d'Armes de Guerre Société Anonyme. (See Kelecom, Paul, assignor.)				
Fahys Watch Case Company. (See Habensack, Frederick, assignor.)				
Fahys Watch Case Company. (See Schaefer, Casper, assignor.)				
Famulaitis, Anton, Chicago, Ill. Cabinet.....	38,586	May 28	128	1662
Fetting, Anton H. (See Goodrich, Marcella H., assignor.)				
Fishel, Henry W., assignor to Fishel, Nessler & Co., New York, N. Y. Brooch-pin.....	38,622	June 18	128	2811
Fishel, Henry W., assignor to Fishel, Nessler & Co., New York, N. Y. Brooch-pin.....	38,623	June 18	128	2811
Fishel, Nessler & Co. (See Fishel, Henry W., assignor.)				
Fisher, Jacob, assignor to Lambertville Rubber Company, Lambertville, N. J. Rubber ball.....	38,616	June 11	128	2500
Flanagan, Eleonora, Portland, Oreg. Wall-pocket or similar article.....	38,781	Sept. 3	130	275
Flatow, Leo. (See Heimann and Flatow.)				
Floersheim, Jacob, Chicago, Ill. Ornament.....	38,653	July 9	129	842
Flynn, John C., Atlanta, Ga. Bedroom-cabinet.....	38,437	Jan. 29	126	1744
Fortemps, Richard, Cologne, Germany. Plate-glass.....	38,713	July 30	129	2051
Fowler, Harriet W., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,590	May 28	128	1662
Fowler, Harriet W., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,591	May 28	128	1663
Fowler, Harriet W., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,592	May 28	128	1663
Fowler, Harriet W., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,906	Nov. 26	131	1133
Fowler, Harriet W., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,907	Nov. 26	131	1133
Freund-Balla, Samuel, Los Angeles, Cal. Medal.....	38,631	June 25	128	3258
Fritsche, Elisabeth, Jersey City, N. J. Post-card.....	38,566	May 14	128	8-8
Froby, Harry G., Buffalo, N. Y. Badge or similar article.....	38,420	Jan. 22	126	1329
Gair, Robert, New York, N. Y. Doily.....	38,968	Dec. 31	131	2396
Galbraith, Robert, and E. Ambrose, Troy, N. Y., assignors to Great Western Stove Company, Leavenworth, Kans. Stove.....	38,840	Sept. 24	130	1291
Garman, Raymond H., Chicago, Ill. Book or booklet cover.....	38,643	June 25	128	3261
Gednetz, John, Beloit, Ohio. Statue.....	38,818	Sept. 17	130	955
Geller, Morris, Newark, N. J. Phonograph-horn.....	38,447	Feb. 19	126	3012
General Electric Company. (See Hall, Walter A., assignor.)				
Gillinder & Sons. (See Booth, Kraft, assignor.)				
Gleason-Tiebout Glass Co. (See Johnson, Frank L., assignor.)				
Goehst, John H., Chicago, Ill. Ceiling-fixture for electric lamps.....	38,972	Dec. 31	131	2397
Goldenberg, Benjamin, New York, N. Y. Toy.....	38,719	Aug. 6	129	2472
Gonver, Edward L., Mendon, Mich. Vehicle-body.....	38,963	Dec. 24	131	2126
Goodrich, Marcella H., assignor to A. H. Fetting, Baltimore, Md. Badge.....	38,582	May 28	128	1661
Gorham Manufacturing Company. (See Codman, William C., assignor.)				
Gottberg, Ernest, Jersey City, N. J. Chandelier-body.....	38,573	May 14	128	860
Gottschling, Andreas, London, England. Font of type.....	38,443	Feb. 12	126	2560
Gowran, Harry C., Two Rivers, Wis. Dental cabinet.....	38,408	Jan. 15	126	1038
Gowran, Harry C., Two Rivers, Wis. Dental cabinet.....	38,409	Jan. 15	126	1038
Grand Chapter of Phi Chi Medical Fraternity. (See Wilson, Dunning S., assignor.)				
Great Western Stove Company. (See Galbraith and Ambrose, assignors.)				
Grever, William H., Buffalo, N. Y. Flower-pot cover.....	38,792	Sept. 10	130	634
Griffiths, George J. (See Cross and Griffiths.)				
Grinnell, Oliver C., Jr., Brooklyn, N. Y. Cloth fabric.....	38,438	Jan. 29	126	1744
Grossman, Henry, New York, N. Y. Hand-bag.....	38,525	Apr. 16	127	2784
Grossman, Henry, New York, N. Y. Hand-bag.....	38,526	Apr. 16	127	2785
Grossman, Henry, New York, N. Y. Hand-bag.....	38,661	July 9	129	844
Grossman, Henry, New York, N. Y. Hand-bag.....	38,683	July 16	129	1241
Grossman, Henry, New York, N. Y. Hand-bag.....	38,808	Sept. 17	130	952
Grossman, Henry, New York, N. Y. Chair.....	38,875	Nov. 5	131	337
Grossman, Henry, New York, N. Y. Hand-bag.....	38,881	Nov. 12	131	665
Gutermann, Edward A., Meriden, Conn. Chafing-dish stand.....	38,813	Sept. 17	130	953
Gutermann, Edward A., assignor to Manning, Bowman & Company, Meriden, Conn. Stand for chafing-dishes.....	38,423	Jan. 22	126	1330
Gutermann, Edward A., assignor to Manning, Bowman & Company, Meriden, Conn. Chafing-dish stand and lamp.....	38,424	Jan. 22	126	1330
Gutermann, Edward A., assignor to Manning, Bowman & Company, Meriden, Conn. Chafing-dish stand and lamp.....	38,466	Feb. 26	126	3399
Gutermann, Edward A., assignor to Manning, Bowman & Company, Meriden, Conn. Leg for chafing-dish stands.....	38,869	Nov. 5	131	336
Gutermann, Edward A., assignor to Manning, Bowman & Company, Meriden, Conn. Percolator, stand, and lamp.....	38,971	Dec. 31	131	2397
Gutta Percha & Rubber Company. (See Spadone, Alfred A., assignor.)				
Haas, Frank A., New York, N. Y., assignor to M. J. Whittall, Worcester, Mass. Rug.....	38,407	Jan. 8	126	723
Habensack, Frederick, Sag Harbor, N. Y. Spoon, fork, or similar article.....	38,878	Nov. 12	131	664
Habensack, Frederick, Sag Harbor, assignor to Fahys Watch Case Company, New York, N. Y. Handle for spoons, forks, or similar articles.....	38,583	May 28	128	1661
Hale and Kilburn Manufacturing Company. (See Kilburn, John B., assignor.)				
Hale-Kilburn Metal Company. (See Budd, Edward G., assignor.)				
Haley, Reuben, Crafton, Pa. Glass vessel.....	38,681	July 16	129	1240
Hall, John H., Jr., Portsmouth, Va. Watch-fob.....	38,501	Apr. 2	127	1963
Hall, Walter A., Lynn, Mass., assignor to General Electric Company. Transformer-case.....	38,698	July 23	129	1587
Hallenbeck, George M., assignor to Simeon L. & George H. Rogers Company, Wallingford, Conn. Handle for spoons, forks, or similar articles.....	38,533	Apr. 23	127	3188
Hansen-Bennett Company. (See Hansen, Charles E., assignor.)				
Hansen, Charles E., Providence, R. I., assignor to Hansen-Bennett Company. Signet.....	38,935	Dec. 10	131	1659
Hansen, Charles E., Providence, R. I., assignor to Hansen-Bennett Company. Signet.....	38,936	Dec. 10	131	1659
Harper, Thomas R., Philadelphia, Pa. Flask.....	38,970	Dec. 31	131	2397
Hausser, Leopold, assignor to Samstag & Hilder Bros., New York, N. Y. Hand-bag.....	38,853	Oct. 8	130	1670
Hawkins, George, assignor to Ivins Dietz & Metzger Company, Philadelphia, Pa. Carpet fabric.....	38,904	Nov. 26	131	1132
Hawkins, George, assignor to Ivins Dietz & Metzger Company, Philadelphia, Pa. Carpet fabric.....	38,905	Nov. 26	131	1132
Hawthorne & Sheble Manufacturing Company. (See Sheble, Horace, assignor.)				
Heimann, Albert, and L. Flatow, New York, N. Y. Weighing and vending machine case.....	38,670	July 9	129	846
Helfft, Oskar, Berlin, Germany. Lamp.....	38,432	Jan. 29	126	1743
Helfft, Oskar, Berlin, Germany. Incandescent lamp.....	38,433	Jan. 29	126	1743
Helfft, Oskar, Berlin, Germany. Incandescent lamp.....	38,434	Jan. 29	126	1743
Helfft, Oskar, Berlin, Germany. Incandescent lamp.....	38,917	Dec. 3	131	1394
Henriksen, Louis C., Los Angeles, Cal. Belt-buckle.....	38,669	July 9	129	846
Herzog, John, Saginaw, Mich. Phonograph-cabinet.....	38,758	Aug. 20	129	3138
Herzog, John, Saginaw, Mich. Phonograph-cabinet.....	38,758	Aug. 20	129	3138
Herzog, Joseph L., New York, N. Y. Finger-ring or similar article.....	38,966	Dec. 31	131	2396
Higert, Henry H., Indianapolis, Ind. Heating-stove.....	38,497	Mar. 26	127	1553

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Billbom, Henrik, Wallingford, Conn. Back for mirrors, brushes, or similar articles.	38,880	Nov. 12	131	665
Hillbom, Henrik, assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn. Handle for spoons, forks, or similar articles.	38,679	July 16	129	1240
Hillbom, Henrik, assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn. Handle for spoons, forks, or similar articles.	38,784	Sept. 3	130	278
Hiller, Louis C., Wallingford, assignor to International Silver Company, Meriden, Conn. Back for brushes, mirrors, or similar articles.	38,612	June 11	128	2499
Hobbs, Benton & Heath. (See Wishart, Joseph, assignor.)				
Hohlfeld, Herman L., Philadelphia, Pa. Hammock.	38,545	Apr. 30	127	3617
Hohman & Maurer Manufacturing Company. (See Maurer, Henry W., assignor.)				
Holmes, Frank G., Trenton, assignor to Archibald-Klement Company, Newark, and Lennox Incorporated, Trenton, N. J. Teapot.	38,707	July 30	129	2050
Holmes, Frank G., Trenton, assignor to Archibald-Klement Company, Newark, and Lennox Incorporated, Trenton, N. J. Coffee-pot.	38,708	July 30	129	2050
Holstein, Carl V., assignor to Continental Manufacturing Co., Chicago, Ill. Furniture ornament.	38,688	July 16	129	1242
Holstein, Carl V., assignor to Continental Manufacturing Co., Chicago, Ill. Furniture ornament.	38,689	July 16	129	1242
Homan, Joseph T., Cincinnati, Ohio. Metal border for plate.	38,862	Oct. 22	130	2352
Homan, Joseph T., Cincinnati, Ohio. Metal dish.	38,925	Dec. 3	131	1396
Hopson, William T., New London, Conn., assignor to Western Clock Manufacturing Co., La Salle, Ill. Clock-stand.	38,815	Sept. 17	130	954
Hosford, James C., Malden, Mass. Stove.	38,842	Sept. 24	130	1291
Hosford, James C., Malden, assignor to Magee Furnace Company, Boston, Mass. Stove.	38,841	Sept. 24	130	1291
Hosford, James C., Malden, assignor to Magee Furnace Co., Boston, Mass. Stove.	38,893	Nov. 19	131	921
Hosford, James C., Malden, assignor to Magee Furnace Co., Boston, Mass. Stove.	38,894	Nov. 19	131	921
Howell, Hamilton T., Woodside, assignor to Duffner & Kimberly Company, New York, N. Y. Portable standard for lighting-fixtures.	38,449	Feb. 19	126	3013
Howell, Hamilton T., Woodside, assignor to Duffner & Kimberly Company, New York, N. Y. Portable standard for lighting-fixtures.	38,450	Feb. 19	126	3013
Howell, Hamilton T., Woodside, assignor to Duffner & Kimberly Company, New York, N. Y. Portable standard for lighting-fixtures.	38,451	Feb. 19	126	3013
Howell, Hamilton T., Woodside, assignor to Duffner & Kimberly Company, New York, N. Y. Portable standard for lighting-fixtures.	38,452	Feb. 19	126	3014
Howell, Hamilton T., Woodside, assignor to Duffner & Kimberly Company, New York, N. Y. Portable standard for lighting-fixtures.	38,453	Feb. 19	126	3014
Howell, Hamilton T., Woodside, assignor to Duffner & Kimberly Company, New York, N. Y. Portable standard for lighting-fixtures.	38,454	Feb. 19	126	3014
Howell, Hamilton T., Woodside, assignor to Duffner & Kimberly Company, New York, N. Y. Portable standard for lighting-fixtures.	38,455	Feb. 19	126	3014
Howell, Hamilton T., Woodside, assignor to Duffner & Kimberly Company, New York, N. Y. Portable standard for lighting-fixtures.	38,456	Feb. 19	126	3015
Howell, Hamilton T., Woodside, assignor to Duffner & Kimberly Company, New York, N. Y. Portable standard for lighting-fixtures.	38,457	Feb. 19	126	3015
Howell, Hamilton T., Woodside, assignor to Duffner & Kimberly Company, New York, N. Y. Portable standard for lighting-fixtures.	38,458	Feb. 19	126	3015
Howell, Hamilton T., Woodside, assignor to Duffner & Kimberly Company, New York, N. Y. Portable standard for lighting-fixtures.	38,459	Feb. 19	126	3015
Howell, Hamilton T., Woodside, assignor to Duffner & Kimberly Company, New York, N. Y. Portable standard for lighting-fixtures.	38,460	Feb. 19	126	3016
Huelseneck, Fritz, assignor to Jersey Biscuit Co., Newark, N. J. Front panel for boxes.	38,461	Feb. 19	126	3016
Humphreys, Emma, New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,648	July 2	129	457
Illinois Glass Company. (See Levis, John M., assignor.)				
International River Jordan Water Company. (See Nadaud, Clifford E., assignor.)				
International Silver Co. (See Beach and Kayser, assignors.)				
International Silver Co. (See Pretat, Frederick E., assignor.)				
International Silver Co. (See Strohaker, Gustave, assignor.)				
International Silver Company. (See Berry, George H., assignor.)				
International Silver Company. (See Clulce, John, assignor.)				
International Silver Company. (See Hiller, Louis C., assignor.)				
Isenstein, Max, New York, N. Y. Belt.	38,396	Jan. 1	126	354
Itter, Herbert C., Bay City, Mich. Photograph-easel.	38,535	Apr. 23	127	3189
Ivins Dietz & Metzger. (See Hawkins, George, assignor.)				
Jack, William A., Grand Rapids, Mich. Box-cover.	38,791	Sept. 10	130	634
Jackson, Arthur P., Passaic, N. J. Display-stand.	38,619	June 11	128	2500
Jacobs, Benjamin W., Lancaster, Ohio. Glass dish.	38,440	Feb. 5	126	2161
Jacobs, Benjamin W., Lancaster, Ohio. Glass candlestick.	38,626	June 18	128	2812
Jaeger, Gustave, Philadelphia, Pa. Clock-case.	38,837	Sept. 24	130	1290
Jameson, William A., Niagara Falls, N. Y. Mirror or similar article.	38,929	Dec. 3	131	1397
Jarvis, Marshall N., Portland, Conn. Handle for nut-crackers, nut-picks, and similar dessert cutlery.	38,951	Dec. 17	131	1916
Jersey Biscuit Co. (See Huelseneck, Fritz, assignor.)				
Johnson, Charles E., assignor to Corbin Cabinet Lock Company, New Britain, Conn. Padlock.	38,960	Dec. 24	131	2126
Johnson, Frank L., Chicago, Ill., assignor to Gleason-Tiebout Glass Co., New York, N. Y. Gas and electric light shade.	38,747	Aug. 13	129	2836
Johnson, Robert L., Stoke-upon-Trent, England. Cover-dish.	38,439	Feb. 5	126	2161
Johnstone, Helen P., Glenridge, N. J., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,700	July 23	129	1587
Johnstone, Helen P., Glenridge, N. J., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,701	July 23	129	1588
Johnstone, Helen P., Glenridge, N. J., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,702	July 23	129	1588
Johnstone, Helen P., Glenridge, N. J., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,703	July 23	129	1588
Jones, George S., Indianapolis, Ind. Font of type for use in phonetic spelling.	38,704	July 23	129	1588
Jones, William, Lurgan, Ireland. Box.	38,617	June 11	128	2500
Kahn, Fred D., assignor to L. Wolf & Co., New York, N. Y. Hand-bag, purse, or similar article.	38,468	Feb. 26	126	3399
Kahn, Samuel, and W. Reizenstein, New York, N. Y. Doll.	38,482	Mar. 19	127	1228
Kalamazoo Stove Co. (See Thompson and Cope, assignors.)	38,809	Sept. 17	130	953
Kayser, Henry J. (See Beach and Kayser.)				
Kelecom, Paul, Liege, assignor to Fabrique Nationale d'Armes de Guerre Société Anonyme, Herstal, Belgium. Motor-cycle frame.	38,977	Dec. 31	131	2398
Kennedy, Thomas R., and E. J. King, assignors to Co-Operative Foundry Co., Rochester, N. Y. Stove.	38,798	Sept. 10	130	635

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Kennedy, Thomas R., and E. J. King, assignors to Co-Operative Foundry Co., Rochester, N. Y. Stove.....	38,799	Sept. 10	130	635
Keystone Type Foundry. (See Smith, Charles W., assignor.)				
Kilburn, John B., assignor to Hale and Kilburn Manufacturing Company, Philadelphia, Pa. Seat end.	38,839	Sept. 24	130	1291
King, Edward J. (See Kennedy and King.)				
King Stove & Range Co. (See Cohen, Bartow B., assignor.)				
King Stove & Range Co. <i>et al.</i> (See Cohen, Bartow B., assignor.)				
Kip, Frederic E., Montclair, N. J. Pile fabric.....	38,508	Apr. 2	127	1964
Kip, Frederic E., Montclair, N. J. Pile fabric.....	38,509	Apr. 2	127	1964
Kip, Frederic E., Montclair, N. J. Pile fabric.....	38,610	June 4	128	2059
Kline, Julius R., assignor to Patriotic Ancient and Honorables of the Grand Army of the Republic, Chicago, Ill. Badge.....	38,765	Aug. 27	129	3477
Kluge, Adolph C., New York, N. Y. Set of silk-woven initials.....	38,642	June 25	128	3260
Knight, Jonathan L., Kansas City, Mo. Calendar-blank.....	38,938	Dec. 10	131	1659
Kolb, Gustave F., Mount Vernon, assignor to Mauser Manufacturing Co., New York, N. Y. Handle of spoons, forks, or similar articles.....	38,511	Apr. 9	127	2360
Kolb, Gustave F., Mount Vernon, assignor to Mauser Manufacturing Co., New York, N. Y. Back of hair-brushes, hand-mirrors, and similar articles.....	38,584	May 28	128	1661
Kolb, Gustave F., Mount Vernon, N. Y., assignor to Mauser Manufacturing Co. Spoon.....	38,655	July 9	129	843
Kopetschny, Alexander H., Jersey City, N. J. Badge.....	38,500	Apr. 2	127	1963
Kraft, Henry P. (See Schweinert and Kraft.)				
Kramer, Joseph, Chicago, Ill. Post-card.....	38,967	Dec. 31	131	2396
Kreag, John A., Rochester, N. Y. Shoe-polishing brush.....	38,952	Dec. 17	131	1916
Kronman, Edward, New York, N. Y. Sterilizing-receptacle.....	38,898	Nov. 26	131	1131
L. Straus & Sons. (See Richman, Herman, assignor.)				
Lambertville Rubber Company. (See Fisher, Jacob, assignor.)				
Landau, Alfred, Mount Vernon, and M. Meyer, New York, N. Y. Cigar-lighter.....	38,664	July 9	129	845
Landenberger, Charles H., Philadelphia, Pa. Woven skirting.....	38,823	Sept. 17	130	956
Landenberger, Charles H., Philadelphia, Pa. Woven skirting.....	38,824	Sept. 17	130	956
Landenberger, Charles H., Philadelphia, Pa. Woven skirting.....	38,825	Sept. 17	130	956
Landenberger, Charles H., Philadelphia, Pa. Woven skirting.....	38,826	Sept. 17	130	956
Landenberger, Charles H., Philadelphia, Pa. Woven fabric.....	38,948	Dec. 10	131	1661
Landenberger, Charles H., Philadelphia, Pa. Woven fabric.....	38,949	Dec. 10	131	1661
Lanphear, Ozro C., Galesburg, Ill. Brooch or similar article.....	38,645	July 2	129	457
Large, Samuel J., assignor to American Silver Company, Bristol, Conn. Handle of spoons or similar articles.....	38,635	June 25	128	3259
Large, Samuel J., assignor to American Silver Company, Bristol, Conn. Handle of spoons, forks, or similar articles.....	38,790	Sept. 10	130	634
Lawler, James J., Mount Vernon, N. Y. Water-heater.....	38,892	Nov. 19	131	920
Lawrence, William B., Columbus, Ohio. Fabric for pincushions.....	38,479	Mar. 12	127	828
Lawson Manufacturing Company. (See Tobias, John M., assignor.)				
Lederer, Joseph, New York, N. Y. Inverted gas-lamp.....	38,743	Aug. 6	129	2476
Lederer, Joseph, New York, N. Y. Inverted gas-burner.....	38,748	Aug. 13	129	2836
Lederer, Joseph, New York, N. Y. Inverted gas-lamp.....	38,832	Sept. 24	130	1289
Lee, Alfred, Akron, Ohio. Floor or wall covering.....	38,406	Jan. 8	126	723
Lee, Fred E., Dowagiac, Mich. Stove ornament.....	38,485	Mar. 19	127	1229
Lee, Thomas, Home City, Ohio. Ash-can or garbage vessel.....	38,686	July 16	129	1241
Lektro Manufacturing Company. (See Smith, Edward F., assignor.)				
Lennox Incorporated <i>et al.</i> (See Holmes, Frank G., assignor.)				
Levi, Julius B., Chicago, Ill. Base-ball emblem.....	38,556	May 14	128	855
Levis, John M., Chicago, assignor to Illinois Glass Company, Alton, Ill. Flask.....	38,557	May 14	128	856
Levy, Nathan B., Scranton, Pa. Hat-pin.....	38,654	July 9	129	843
Libbey Glass Company. (See Donovan, William F., assignor.)				
Lichtenstein, Isaac, New York, N. Y. Hat-band.....	38,412	Jan. 15	126	1039
Liebenthal, Sylvester, Cleveland, Ohio. Bottle.....	38,833	Sept. 24	130	1290
Liggett, Louis K., Brookline, Mass., assignor to National Cigar Stands Company, Jersey City, N. J. Illuminated sign.....	38,405	Jan. 8	126	722
Liggett, Louis K., Brookline, Mass., assignor to National Cigar Stands Company, Jersey City, N. J. Illuminated chandelier-sign.....	38,444	Feb. 12	126	2560
Liggett, Louis K., Brookline, Mass., assignor to National Cigar Stands Company, Jersey City, N. J. Show-case.....	38,771	Aug. 27	129	3478
Linker, William. (See Alexander, George A., assignor.)				
Little, Thomas J., Jr., assignor to Weisbach Light Company, Gloucester City, N. J. Gas-burner.....	38,955	Dec. 17	131	1916
Lord, Frederic W., New York, N. Y. Casing and support for lightning-arresters.....	38,782	Sept. 3	130	278
Ludwig, John H., New York, N. Y. Piano-case.....	38,678	June 4	128	2059
Ludy, George B., Cedar Rapids, Iowa. Spoon.....	38,678	July 16	129	1240
Lukacsevics, Charles de, New York, N. Y. Siphon head.....	38,515	Apr. 9	127	2361
Lynch, George C., New York, N. Y. Combined match-holder, ash-tray, and bell.....	38,613	June 11	128	2499
Maas, Joseph, Kalamazoo, Mich. Gas-lamp.....	38,699	July 23	129	1587
Magee Furnace Company. (See Hosford, James C., assignor.)				
Malehow, Albert, Fort Smith, Ark. Caster.....	38,817	Sept. 17	130	954
Mandabach, Peter A., Columbus, Ohio. Badge.....	38,844	Oct. 8	130	1668
Manning, Bowman & Company. (See Gutermann, Edward A., assignor.)				
Marchesini, Gaetano, New York, N. Y. Automobile-horn.....	38,499	Mar. 26	127	1553
Marsh, Wilbur W. (See Morgan, Thomas W., assignor.)				
Martin, Louis L., Toronto, Ontario, Canada. Case of a coin-controlled vending apparatus.....	38,793	Sept. 10	130	634
Maurer, Henry W., assignor to Hohman & Maurer Manufacturing Company, Rochester, N. Y. Casing for temperature and pressure gages.....	38,957	Dec. 17	131	1917
Mauser Manufacturing Co. (See Kolb, Gustave F., assignor.)				
Maxwell, Jonathan D., Tarrytown, N. Y. Automobile-body.....	38,691	July 16	129	1242
Mayer, Joseph, Seattle, Wash. Handle of spoons or similar articles.....	38,695	July 23	129	1586
McKeen, William R., Jr., Omaha, Nebr. Car-body.....	38,785	Sept. 3	130	278
McKeen, William R., Jr., Omaha, Nebr. Car-body.....	38,780	Sept. 3	130	278
McKeen, William R., Jr., Omaha, Nebr. Car-body.....	38,860	Oct. 15	130	2049
McKeown, William C., assignor to Buffalo Radiator Company, Buffalo, N. Y. Radiator.....	38,676	July 9	129	848
McNamee, John F., Indianapolis, Ind. Charm or pin.....	38,827	Sept. 24	130	1288
Meakin, Alfred J., Tunstall, England. Covered dish or similar article.....	38,573	Nov. 5	131	337
Meakin, Alfred J., Tunstall, England. Plate or similar article.....	38,861	Oct. 22	130	2352
Mebane, James A., South Boston, Va. Socket for incandescent electric lamps.....	38,484	Mar. 19	127	1228
Merriam, Harriet L., assignor to Carnegie Institute, Pittsburg, Pa. Badge.....	38,749	Aug. 20	129	3137
Mertz, Oscar E., Rosemont, Pa., assignor to Victor Talking Machine Company. Cabinet for talking-machines.....	38,536	Apr. 23	127	3189
Meyer, Max. (See Landau and Meyer.)				
Meyers, Ernest, Taunton, Mass., assignor to Reed & Barton Corporation. Spoon or fork.....	38,636	June 25	128	3259
Millard, William, New York, N. Y., assignor to Automatic Drink Machine Company. Mount for fluid-vending machines.....	38,371	July 9	129	847

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Millard, William, New York, N. Y., assignor to Automatic Drink Machine Company. Mount for fluid-vending machines.	38,372	July 9	129	847
Millard, William, New York, N. Y., assignor to Automatic Drink Machine Company. Mount for fluid-vending machines.	38,373	July 9	129	847
Millard, William, New York, N. Y., assignor to Automatic Drink Machine Company. Mount for fluid-vending machines.	38,374	July 9	129	847
Miller, Arthur K., Peekskill, N. Y. Gas-burner pillar.	38,961	Dec. 24	131	2126
Miller, August C., Taunton, Mass., assignor to Reed and Barton Corporation. Spoon or fork.	38,921	Dec. 3	131	1395
Miner, Henry A., Malden, assignor to Miner's Fruit Nectar Company, Boston, Mass. Dish or cup.	38,403	Jan. 8	126	722
Miner's Fruit Nectar Company. (See Miner, Henry A., assignor.)				
Montgomery, James A., Los Angeles, Cal. Badge.	38,469	Mar. 5	127	367
Morgan, Arthur J., assignor to National X-Ray Reflector Company, Chicago, Ill. Reflector.	38,578	May 21	128	1269
Morgan, George A., New York, N. Y. Ribbon.	38,507	Apr. 2	127	1964
Morgan, Thomas W., assignor to W. W. Marsh, Waterloo, Iowa. Centrifugal cream-separator.	38,944	Dec. 10	131	1661
Mosenthal, Elizabeth L., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,908	Nov. 26	131	1133
Mudra, Albert, Lincoln, Nebr. Bail for trace-buckles.	38,392	Jan. 1	126	353
Mullins, Michael J., New York, N. Y. Plate.	38,709	July 30	129	2051
Murr, Richard, Chicago, Ill. Lamp-stand.	38,506	Apr. 2	127	1964
Mygatt, Otis A., New York, N. Y. Artificial-light reflector.	38,543	Apr. 30	127	3617
Mygatt, Otis A., New York, N. Y. Reflector or similar article.	38,558	May 14	128	856
Nadaud, Clifford E., Coventry, Ky., assignor to International River Jordan Water Company, New York, N. Y. Bottle.	38,696	July 23	129	1586
Narragansett Machine Company. (See Thornley, Albert J., assignor.)				
National Cigar Stands Company. (See Liggett, Louis K., assignor.)				
National Patent Company. (See Pritchard, William H., assignor.)				
National X-Ray Reflector Company. (See Morgan, Arthur J., assignor.)				
Neidl, William J., New Britain, Conn. Hinge-leaf.	38,975	Dec. 31	131	2397
Nelson, Charles. (See Strassburger and Nelson.)				
Nelson, Clarence A., and C. A. Payne, assignors to Utica Aluminum & Novelty Works, Utica, N. Y. Salt-shaker.	38,922	Dec. 3	131	1395
New Jersey Patent Company. (See Aiken, Edward L., assignor.)				
New Jersey Sheet Metal Co. (See Steiner, Max, assignor.)				
Newcomb, Annie, Ridgefield, Conn. Milk-bottle opener.	38,899	Nov. 26	131	1131
Nichols, George, New York, N. Y. Bracket for supporting trolley-wires.	38,462	Feb. 19	126	3016
Nichols, Wendell L., Boston, Mass. Body for motor-vehicles.	38,436	Jan. 29	126	1743
Noe, William R. (See Noe, William R., Jr., assignor.)				
Noe, William R., Jr., assignor to W. R. Noe, East Orange, N. J. Lamp-shade.	38,448	Feb. 19	126	3013
Norton, Frank, Kansas City, Mo., assignor to one-half to L. Allen, New York, N. Y. Cravat-bow.	38,650	July 2	129	456
Numan, Charles H., assignor to A. A. Weeks-Hoskins Company, New York, N. Y. Inkstand.	38,767	Aug. 27	129	3478
O'Neill, Norris L., Oakland, Cal., and R. R. Burke, Denver, Colo. Bottle.	38,503	Apr. 2	127	1963
O'Sullivan, Florence, Washington, D. C. Badge.	38,481	Mar. 19	127	1228
O'bear, Thomas S., St. Louis, Mo. Bottle.	38,835	Sept. 24	130	1290
Offtendering, Henry T., Washington, D. C. Radiator.	38,763	Aug. 20	129	3139
Oliver Typewriter Company. (See Cross and Griffiths, assignors.)				
Olsson, Anna, assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,909	Nov. 26	131	1133
Olsson, Anna, assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,910	Nov. 26	131	1133
Onondaga Pottery Company. (See Walter, Elmer E., assignor.)				
Osborne, Charles, New York, N. Y. Handle for spoons, forks, or similar articles.	38,879	Nov. 12	131	664
Papin, Alfred F., Yonkers, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.	38,594	May 28	128	1663
Paroutaud, Adolphe, New York, N. Y. Vessel for table use.	38,504	Apr. 2	127	1963
Paroutaud, Adolphe, New York, N. Y. Vessel for table use.	38,505	Apr. 2	127	1964
Parsech, Frank C., Chicago, Ill. Bowl.	38,559	May 14	128	856
Patent Holding Company. (See Pritchard, William H., assignor.)				
Patriotic Ancient and Honorables of the Grand Army of the Republic. (See Kline, Julius R., assignor.)				
Paul, William J., Pittsburg, Pa. Vending-machine casing.	38,902	Nov. 26	131	1132
Paul, James, assignor to Eagle Glass & Manufacturing Company, Wellsburg, W. Va. Spinning-top.	38,863	Oct. 22	130	2352
Payne, Charles A. (See Nelson and Payne.)				
Perry, William A., assignor to M. J. Whittall, Worcester, Mass. Rug.	38,651	July 2	129	457
Petzold, Adolph, assignor to J. Bromley & Sons, Philadelphia, Pa. Rug.	38,794	Sept. 10	130	635
Petzold, Adolph, assignor to J. Bromley & Sons, Philadelphia, Pa. Rug.	38,795	Sept. 10	130	635
Phelps, John P., Holyoke, Mass. Writing and printing paper.	38,587	May 28	128	1662
Phi Kappa Sigma Fraternity. (See Bower, Frank B., assignor.)				
Pitcairn, William S. (See Slater, John, assignor.)				
Pitkin & Brooks. (See Buckley, Harry H., assignor.)				
Pitner, Marion W., Chicago, Ill. Lamp-globe.	38,662	July 9	129	845
Pitner, Marion W., Chicago, Ill. Bracket-lamp.	38,663	July 9	129	845
Pitner, Marion W., Chicago, Ill. Chandelier.	38,668	July 9	129	846
Plucker, Jacob J., Philadelphia, Pa. Wall-covering.	38,588	May 28	128	1662
Podmore, Henry, Trenton, N. J. Lavatory.	38,874	Nov. 5	131	337
Polsky, Louise, Stockton, Ill. Heater and food-receptacle.	38,959	Dec. 24	131	2126
Porter Screen Manufacturing Company. (See Walker, James O., assignor.)				
Pressing, William C., Norwalk, Ohio. Bottle.	38,430	Jan. 29	126	1742
Pretat, Frederick E., Waterbury, assignor to International Silver Co., Meriden, Conn. Handle for spoons, forks, or similar articles.	38,756	Aug. 20	129	3138
Pritchard, William H., assignor to Patent Holding Company, New York, N. Y. Musical instrument.	38,404	Jan. 8	126	722
Pritchard, William H., assignor to National Patent Company, New York, N. Y. Casing for musical instruments.	38,772	Aug. 27	129	3479
Pronberger, Ludwig, Berlin, Germany, assignor to Alfred Peats Company, New York, N. Y. Wall-covering.	38,427	Jan. 22	126	1330
Pronberger, Ludwig, Berlin, Germany, assignor to Alfred Peats Company, New York, N. Y. Wall-covering.	38,517	Apr. 9	127	2362
Pronberger, Ludwig, Berlin, Germany, assignor to Alfred Peats Company, New York, N. Y. Wall-covering.	38,518	Apr. 9	127	2362
Pronberger, Ludwig, Berlin, Germany, assignor to Alfred Peats Company, New York, N. Y. Wall-covering.	38,519	Apr. 9	127	2362
Pronberger, Ludwig, Berlin, Germany, assignor to Alfred Peats Company, New York, N. Y. Wall-covering.	38,520	Apr. 9	127	2362
Pronberger, Ludwig, Berlin, Germany, assignor to Alfred Peats Company, New York, N. Y. Wall-covering.	38,521	Apr. 9	127	2362
Pronberger, Ludwig, Berlin, Germany, assignor to Alfred Peats Company, New York, N. Y. Wall-covering.	38,522	Apr. 9	127	2363
Pronberger, Ludwig, Berlin, Germany, assignor to Alfred Peats Company, New York, N. Y. Wall-covering.	38,523	Apr. 9	127	2363

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R. Wallace & Sons Mfg. Co. (See Hillbom, Henrik, assignor.)				
Radcliffe & Company. (See Radcliffe, James A., assignor.)				
Radcliffe, James A., assignor to Radcliffe & Company, New York, N. Y. Back of playing-card.....	38,829	Sept. 24	130	1289
Rapp, Ada M., Irvington, N. J., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,876	Nov. 5	131	337
Rathbone, Sard & Company. (See Van Buren, Jafew S., assignor.)				
Reckendorfer, Samuel J., New York, N. Y. Display-sign.....	38,641	June 25	128	3260
Rector, Alcorn, New York, N. Y. Gas-lamp.....	38,646	July 2	129	456
Rector, Alcorn, New York, N. Y. Gas-lamp.....	38,647	July 2	129	456
Rector, Alcorn, New York, N. Y. Gas-lamp.....	38,760	Aug. 20	129	3139
Rector, Alcorn, New York, N. Y. Gas-lamp.....	38,761	Aug. 20	129	3139
Reed & Barton Corporation. (See Bennett, Charles A., assignor.)				
Reed & Barton Corporation. (See Meyers, Ernest, assignor.)				
Reed and Barton Corporation. (See Miller, August C., assignor.)				
Reed & Barton Corporation. (See Rogers, John, assignor.)				
Reed and Barton Corporation. (See Wilkes, Samuel G., assignor.)				
Reizenstein, William. (See Kahn and Reizenstein.)				
Rhodes, Fred B., Washington, D. C. Medal.....	38,555	May 14	128	855
Rice, George H., New York, N. Y. Frame.....	38,393	Jan. 1	126	353
Rice, George H., New York, N. Y. Frame.....	38,394	Jan. 1	126	354
Rice, Louis W., New York, N. Y. Cigar-lighter.....	38,901	Nov. 26	131	1132
Richman, Herman, assignor to L. Straus & Sons, New York, N. Y. Glass dish.....	38,615	June 11	128	2499
Ripley, Daniel C., assignor to United States Glass Company, Pittsburg, Pa. Glass tile.....	38,629	June 18	128	2812
Robertson, Emma, New York, N. Y. Bottle.....	38,483	Mar. 19	127	1228
Robertson, Sherwood B., New York, N. Y. Badge or similar article.....	38,474	Mar. 12	127	827
Robin, Samuel, Chicago, Ill. Advertising-flag.....	38,694	July 23	129	1586
Rockford Silver Plate Company. (See Bowlen, William C., assignor.)				
Rogers, John, Raynham, Mass., assignor to Reed & Barton Corporation. Tea or coffee pot.....	38,480	Mar. 12	127	828
Rose, Aloysius M., Philadelphia, Pa. Pitcher.....	38,836	Sept. 24	130	1290
Rose, Arthur M., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,877	Nov. 5	131	337
Rosenstein, Albert, Lancaster, Pa. Umbrella, parasol, or cane handle.....	38,463	Feb. 19	126	3016
Rosenstein, Albert, Lancaster, Pa. Umbrella, parasol, or cane handle.....	38,464	Feb. 19	126	3016
Rote, Charles V., assignor of two-thirds to P. E. Shee and F. Shoff, Lancaster, Pa. Railway-car body.....	38,822	Sept. 17	130	955
Rouquart, Leonard, New York, N. Y. Teapot or similar article.....	38,706	July 30	129	2050
Ruden, Henry, Chicago, Ill. Cigar.....	38,628	June 18	128	2812
Russ, Walter C., Norfolk, Va. Watch-fob.....	38,429	Jan. 29	126	1742
Russell, Louisa, Glenridge, N. J., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,911	Nov. 26	131	1133
Ryon, Earl, Washington, D. C. Molding.....	38,930	Dec. 3	131	1397
Sackman, Charles, Brooklyn, N. Y., assignor to Salts Textile Manufacturing Company, Bridgeport, Conn. Pile fabric.....	38,567	May 14	128	858
Salts Textile Manufacturing Company. (See Sackman, Charles, assignor.)				
Samstag & Hilder Bros. (See Hauser, Leopold, assignor.)				
Sanborn, George O., Seattle, Wash. Necktie.....	38,914	Nov. 26	131	1134
Sanborn, George O., Seattle, Wash. Necktie.....	38,915	Nov. 26	131	1134
Sargent & Company. (See Schoonmaker, Edward T., assignor.)				
Sauer, Oscar C., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,595	May 28	128	1663
Sauer, Oscar C., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,596	May 28	128	1663
Sauer, Oscar C., New York, N. Y., assignor to Cheney Brothers, South Manchester, Conn. Textile fabric.....	38,867	Oct. 22	130	2353
Savage, George E., Meriden, Conn. Chafing-dish cover.....	38,812	Sept. 17	130	953
Schade, Edmund A. (See Wood and Schade.)				
Schaefer, Casper, Sag Harbor, N. Y., assignor to Fahys Watch Case Company. Watch-bow.....	38,551	May 7	128	429
Schaefer, Casper, Sag Harbor, N. Y., assignor to Fahys Watch Case Company. Watch-bow.....	38,552	May 7	128	429
Scheck, Max E., Chicago, Ill. Cut-glass bowl.....	38,923	Dec. 3	131	1395
Schedler, Charles W., Mount Vernon, assignor to Geo. Borgfeldt & Co., New York, N. Y. Watch-dial.....	38,677	July 16	129	1239
Schickerling, Alfred, New York, N. Y. Badge or similar article.....	38,632	June 25	128	3258
Schmitz, Egon L., New York, assignor to Eberhard Faber Pencil Company, Brooklyn, N. Y. Display-rack.....	38,838	Sept. 24	130	1290
Schnepf, Emil, Syracuse, N. Y. Plate or dish.....	38,442	Feb. 12	126	2559
Schoonmaker, Edward T., South Orange, N. J., assignor to Sargent & Company, New Haven, Conn. Lock-trimming.....	38,940	Dec. 10	131	1660
Schoonmaker, Edward T., South Orange, N. J., assignor to Sargent & Company, New Haven, Conn. Door-knob.....	38,941	Dec. 10	131	1660
Schweinert, Maximilian C., West Hoboken, N. J., and H. P. Kraft, New York, N. Y. Cover or dust-cap for fire-valves.....	38,675	July 9	129	848
Scofield & De Wyngaert. (See De Wyngaert, assignor.)				
Seawell, Joseph M., Richmond, Va. Fob.....	38,806	Sept. 17	130	952
Selkirk, Charles, Albany, N. Y. Spoon.....	38,783	Sept. 3	130	278
Sheble, Horace, assignor to Hawthorne & Sheble Manufacturing Company, Philadelphia, Pa. Horn for talking-machines.....	38,478	Mar. 12	127	827
Shee, Parke E., et al. (See Rote, Charles V., assignor.)				
Sheffield Stove & Foundry Co. (See Cohen, Bartow B., assignor.)				
Sheffield Stove & Foundry Co. et al. (See Cohen, Bartow B., assignor.)				
Sheppard, Erie R., Baltimore, Md. Badge or emblem.....	38,964	Dec. 31	131	2396
Sherrard, Robert C., assignor to United Order of Foresters, Chicago, Ill. Badge.....	38,489	Mar. 26	127	1552
Sherrard, Robert C., assignor to United Order of Foresters, Chicago, Ill. Badge.....	38,490	Mar. 26	127	1552
Shoff, Frederick, et al. (See Rote, Charles V., assignor.)				
Shoyer, Daniel W., New York, N. Y. Hammock-valance.....	38,418	Jan. 15	126	1040
Simeon L. & George H. Rogers Company. (See Hallenbeck, George M., assignor.)				
Simons, Bro. & Co. (See Weihman, Henry A., assignor.)				
Simpson, Henry W., Toronto, Ontario, Canada. Photo-mount.....	38,585	May 23	128	1661
Singer, Max A., New York, N. Y. Display-booth.....	38,538	Apr. 23	127	3189
Sjoden, Eric, Buffalo, N. Y., assignor to American Radiator Company. Radiator.....	38,516	Apr. 9	127	2361
Sjoden, Eric, Buffalo, N. Y., assignor to American Radiator Company. Radiator.....	38,528	Apr. 16	127	2785
Sjoden, Eric, Buffalo, N. Y., assignor to American Radiator Company. Radiator.....	38,539	Apr. 23	127	3190
Sjoden, Eric, Buffalo, N. Y., assignor to American Radiator Company. Radiator.....	38,540	Apr. 23	127	3190
Slater, John, Stoke-upon-Trent, England, assignor to W. S. Pitcairn, New York, N. Y. Jug or similar article.....	38,627	June 18	128	2812
Smith, Charles W., assignor to Keystone Type Foundry, Philadelphia, Pa. Font of type.....	38,855	Oct. 8	130	1670
Smith, Edward F., assignor to Lektro Manufacturing Company, Cincinnati, Ohio. Housing for electric drills.....	38,945	Dec. 10	131	1661

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Smith, Homer A., Oakland, Cal. Electric-light standard.....	38,667	July 9	129	846
Smith, Jac C., Marion, Ind. Barber's sign.....	38,746	Aug. 13	129	2835
Smith, William K., Philadelphia, Pa., assignor to William T. Smith & Son, Inc., Camden, N. J. Woven fabric.....	38,693	July 16	129	1243
Smith, William T., Philadelphia, Pa. Woven fabric.....	38,933	Dec. 3	131	1397
Smithson, Edward S., Monmouth, Ill. Pottery-jar.....	38,858	Oct. 15	130	204
Smithson, Edward S., Monmouth, Ill. Pottery-jar.....	38,859	Oct. 15	130	204
Soellner, Herman F. C., New York, N. Y. Advertising device.....	38,720	Aug. 6	129	2473
Solinger, Leo, assignor to Eagle Pencil Company, New York, N. Y. Lead-pencil tip.....	38,711	July 30	129	2051
Spadone, Alfred A., assignor to Gutta Percha & Rubber Company, New York, N. Y. Tiling.....	38,580	May 21	128	1270
Springfield Metallic Casket Company. (See Allen, Francis K., assignor.)				
Stahl, William C., Milwaukee, Wis. Mandolin-body.....	38,682	July 16	129	1240
Stanley Rule & Level Company. (See Wood and Schade, assignors.)				
Steiner, Max, assignor to New Jersey Sheet Metal Co., Newark, N. J. Phonograph-horn.....	38,602	June 4	128	2058
Sternau & Company, S. (See Strassburger and Nelson, assignors.)				
Stiles, Albert M. and S. B., Parkersburg, W. Va. Shoe scraper and cleaner.....	38,435	Jan. 29	126	1743
Stiles, Samuel B. (See Stiles, Albert M. and S. B.)				
Stimpson, Walter F. (See Cope, George W., assignor.)				
Stimpson, Walter F., Detroit, Mich. Scale-base.....	38,759	Aug. 20	129	3139
Stites, Townsend, assignor to Welsbach Light Company, Gloucester City, N. J. Gas-burner.....	38,956	Dec. 17	131	1917
Stone, Frank P. (See Stone, Frederick K. and F. P.)				
Stone, Frederick K. and F. P., Chicago, Ill. Vehicle-body.....	38,621	June 11	128	2501
Straker, Herbert J., North Attleboro, Mass., assignor to Webster Company. Back for brushes, mirrors, or similar articles.....	38,814	Sept. 17	130	954
Straker, Joseph E., Jr., Attleboro, Mass. Ice-tub.....	38,605	June 4	128	2058
Straker, Joseph E., Jr., Attleboro, Mass. Dish or cup holder.....	38,697	July 23	129	1587
Straker, Joseph E., Jr., Attleboro, Mass. Handle for spoons, forks, or similar articles.....	38,828	Sept. 24	130	1289
Straker, Joseph E., Jr., Attleboro, Mass. Handle for spoons, forks, or similar articles.....	38,846	Oct. 8	130	1669
Strassburger, Lionel, and C. Nelson, Brooklyn, assignors to S. Sternau & Company, New York, N. Y. Chafing-dish.....	38,889	Nov. 19	131	920
Strassburger, Lionel, and C. Nelson, Brooklyn, assignors to S. Sternau & Company, New York, N. Y. Chafing-dish stand and lamp.....	38,890	Nov. 19	131	920
Strohhaker, Gustave, Wallingford, assignor to International Silver Co., Meriden, Conn. Handle for spoons, forks, or similar articles.....	38,658	July 9	129	844
Sussman, Harris, New York, N. Y. Wire fabric.....	38,903	Nov. 26	131	1132
Switzer, Maurice, New York, N. Y. Paper-cutter.....	38,886	Nov. 19	131	919
Talbot, John W., South Bend, Ind. Ornament.....	38,807	Sept. 17	130	952
Taylor, Edward E., Chelsea, Mass. Lamp.....	38,830	Sept. 24	130	1289
Terhune, Leonard L., Newark, N. J. Horn.....	38,560	May 14	128	857
Terhune, Leonard L., Newark, N. J. Horn.....	38,477	May 21	128	1269
Thayer, Emily W., Saxtons River, Vt. Stocking-darner.....	38,887	Nov. 19	131	920
Thieme, George R., Monmouth, Ill. Pottery jar.....	38,958	Dec. 24	131	2126
Thomas & Betts Co. (See Thomas, Robert M., assignor.)				
Thomas, George J., New York, N. Y. Domino.....	38,868	Nov. 5	131	336
Thomas, Robert M., Elizabeth, N. J., assignor to Thomas & Betts Co., New York, N. Y. Coupling or nipple for pipes.....	38,618	June 11	128	2500
Thompson, William, Kalamazoo, and G. W. Cope, Detroit, assignors to Kalamazoo Stove Co., Kalamazoo, Mich. Heating and cooking stove.....	38,896	Nov. 19	131	921
Thornley, Albert J., assignor to Narragansett Machine Company, Pawtucket, R. I. Door and door-frame of lockers.....	38,666	July 9	129	845
Tischler, Max. (See Crystal and Tischler.)				
Tobias, John M., Knoxville, assignor to Lawson Manufacturing Company, Homestead, Pa. Water-heater.....	38,390	July 16	129	1242
Townsend, J. S. (See Crees and Court, assignors.)				
Travis, Clarence C., Chicago, Ill. Vending-machine base.....	38,755	Aug. 27	129	3479
Travis, Clarence C., Chicago, Ill. Face-plate for vending-machines.....	38,762	Aug. 20	129	3139
Trevor, Herbert E., New York, N. Y. Collar.....	38,644	June 25	128	3261
United Order of Foresters. (See Sherrard, Robert C., assignor.)				
United States Glass Company. (See Ripley, Daniel C., assignor.)				
Utica Aluminum & Novelty Works. (See Nelson and Payne, assignors.)				
Van Buren, Jawef S., assignor to Rathbone, Sard & Company, Albany, N. Y. Cooking-stove.....	38,426	Jan. 22	126	1330
Van Buren, Jawef S., assignor to Rathbone, Sard & Company, Albany, N. Y. Cooking-stove.....	38,530	Apr. 16	127	2786
Van Buren, Jawef S., assignor to Rathbone, Sard & Company, Albany, N. Y. Cooking-stove.....	38,531	Apr. 16	127	2786
Victor Talking Machine Company. (See Mertz, Oscar E., assignor.)				
Vogt, Albert E., assignor to Emergency Rubber Company, Rochester, N. Y. Purse or bag.....	38,919	Dec. 3	131	1395
Wachter, Louis E. F., Hartford, Conn. Pendant for watches.....	38,576	May 21	128	1269
Wagner, Louis C., New York, N. Y. Cigar band or wrapper.....	38,493	Mar. 26	127	1553
Wagner, Louis C., New York, N. Y. Cigar band or wrapper.....	38,494	Mar. 26	127	1553
Wagner, Louis C., New York, N. Y. Cigar band or wrapper.....	38,495	Mar. 26	127	1553
Wagner, Louis C., New York, N. Y. Cigar band or wrapper.....	38,496	Mar. 26	127	1553
Wagner, Louis C., New York, N. Y. Cigar band or wrapper.....	38,603	June 4	128	2058
Wagner, Louis C., New York, N. Y. Cigar band or wrapper.....	38,604	June 4	128	2058
Wagner, Louis C., New York, N. Y. Cigar band or wrapper.....	38,750	Aug. 20	129	3138
Wagner, Louis C., New York, N. Y. Cigar band or wrapper.....	38,751	Aug. 20	129	3138
Wagner, Louis C., New York, N. Y. Cigar band or wrapper.....	38,752	Aug. 20	129	3138
Wagner, Louis C., New York, N. Y. Cigar band or wrapper.....	38,753	Aug. 20	129	3138
Walker, Arthur W., Malden, Mass. Stove.....	38,934	Dec. 3	131	1397
Walker, Henry S., Seattle, Wash. Emblem.....	38,764	Aug. 27	129	3477
Walker, James O., assignor to Porter Screen Manufacturing Company, Burlington, Vt. Chair.....	38,640	June 25	128	3260
Walter, Elmer E., Syracuse, N. Y. Plate or dish.....	38,441	Feb. 12	126	2559
Walter, Elmer E., assignor to Onondaga Pottery Company, Syracuse, N. Y. Plate.....	38,870	Nov. 5	131	336
Walter, Elmer E., assignor to Onondaga Pottery Company, Syracuse, N. Y. Plate.....	38,871	Nov. 5	131	336
Walter, Elmer E., assignor to Onondaga Pottery Company, Syracuse, N. Y. Plate.....	38,872	Nov. 5	131	336
Webb C. Ball Watch Company. (See Ball, Sidney Y., assignor.)				
Webster Company. (See Straker, Herbert J., assignor.)				
Wehrle, August T., Newark, Ohio. Stove.....	38,498	Mar. 26	127	1553
Wehrle, August T., Newark, Ohio. Gas-range.....	38,574	May 14	128	860
Wehrle, August T., Newark, Ohio. Gas-heater.....	38,973	Dec. 31	131	2397
Wehrle Company. (See Becvar, Joseph, assignor.)				
Weidlich Brothers Manufacturing Company. (See Weidlich, Louis and E. C., assignors.)				
Weidlich, Ernest C. (See Weidlich, Louis and E. C.)				
Weidlich, Louis and E. C., assignors to Weidlich Brothers Manufacturing Company, Bridgeport, Conn. Ink-well and pincushion.....	38,402	Jan. 8	216	722
Weihman, Henry A., Philadelphia, Pa., assignor to Simons, Bro. & Co. Thimble.....	38,659	July 9	129	844
Wells, Richard H., Kenosha, Wis. Headlight.....	38,926	Dec. 3	131	1396

Alphabetical list of patentees of designs—Continued.

Name, residence, and design.	No.	Date.	Official Gazette.	
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Welsbach Light Company. (See Little, Thomas J., Jr., assignor.)				
Welsbach Light Company. (See Stites, Townsend, assignor.)				
Western Clock Manufacturing Co. (See Hopson, William T., assignor.)				
Western Clock Manufacturing Company. (See Canivet, Charles G., assignor.)				
Western Clock Mfg. Co. (See Canivet, Charles G., Jr., assignor.)				
Weyer, Joseph J., Chicago, Ill. Lamp.....	38,638	June 25	128	3260
Weyer, Joseph J., Chicago, Ill. Lamp.....	38,639	June 25	128	3260
White, Henry C., assignor to T. Develon, Jr., Philadelphia, Pa. Rug.....	38,398	Jan. 1	126	354
Whittaker, Cyrus A., Freeburg, Ill. Badge or button.....	38,532	Apr. 23	127	3188
Whittall, Matthew J. (See Haas, Frank A., assignor.)				
Whittall, Matthew J. (See Perry, William A., assignor.)				
Widmann, Frank C., Cleveland, Ohio. Ring.....	38,465	Feb. 26	126	3398
Wightman and Hough Company. (See Arnold, Frank W., assignor.)				
Wightman and Hough Company. (See Crees and Court, assignors.)				
Wilcox, Joseph, Athol, Mass. Comb.....	38,847	Oct. 8	130	1669
Wilcox, Joseph, Athol, Mass. Comb.....	38,848	Oct. 8	130	1669
Wilcox, Joseph, Athol, Mass. Comb.....	38,849	Oct. 8	130	1669
Wilcox, Joseph, Athol, Mass. Comb.....	38,850	Oct. 8	130	1669
Wilcox, Joseph, Athol, Mass. Comb.....	38,851	Oct. 8	130	1669
Wilcox, Joseph, Athol, Mass. Comb.....	38,852	Oct. 8	130	1669
Wilhelm, Henry T., and J. O. Benjamin, New York, N. Y. Plate.....	38,779	Sept. 3	130	277
Wilkes, Samuel G., Taunton, Mass., assignor to Reed and Barton Corporation. Chafing-dish lamp and stand.....	38,924	Dec. 3	131	1395
Wilkins, Charles H., Norfolk, Va. Badge.....	38,421	Jan. 22	126	1329
William T. Smith & Son. (See Smith, William K., assignor.)				
Willis, Henry M., Hempstead, N. Y. Book-mark.....	38,916	Dec. 3	131	1394
Wilson, Dunning S., assignor to Grand Chapter of Phi Chi Medical Fraternity, Louisville, Ky. Fraternity emblem.....	38,554	May 14	128	855
Wily, Arthur S., New York, N. Y. Identification-check.....	38,419	Jan. 15	126	1040
Wing, Peter G., Chicago, Ill. Toy safe.....	38,810	Sept. 17	130	953
Wing, Peter G., Chicago, Ill. Toy stove.....	38,811	Sept. 17	130	953
Wishart, Joseph, New York, N. Y., assignor to Hobbs, Benton & Heath. Wall-paper.....	38,692	July 16	129	1243
Wolf & Co., L. (See Kahn, Fred D., assignor.)				
Wolfe, Elsie de, Versailles, France. Bedstead.....	38,843	Oct. 1	130	1473
Woltjen, Fred, assignor to Advance Glass Company, Utica, Ohio. Sheet-glass.....	38,979	Dec. 31	131	2398
Wood, George E., Plantsville, and E. A. Schade, assignors to Stanley Rule & Level Company, New Britain, Conn. Ice-pick.....	38,900	Nov. 26	131	1132
Wright, Elizabeth W., Philadelphia, Pa. Puzzle-box.....	38,502	Apr. 2	127	1963
Yale & Towne Manufacturing Company. (See Erickson, Charles A., assignor.)				
Yeagason, John S., New York, N. Y. Textile fabric.....	38,744	Aug. 6	129	2476
Young, Samuel, Newark, N. J. Textile fabric.....	38,416	Jan. 15	126	1039
Young, Samuel, Newark, N. J. Textile fabric.....	38,417	Jan. 15	126	1040
Zierlein, Richard W., St. Louis, Mo. Gas-lamp.....	38,431	Jan. 29	126	1742

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Volume.	Page.
A. Baldwin & Co. Ltd., New Orleans, La. Certain edge-tools	61,155	Mar. 5	127	388
A. Boake Roberts & Co. Ltd., Stratford, London, England. Preparation for preserving wine and beer	66,447	Nov. 26	131	1157
A. Boake Roberts and Company Limited, Stratford, London, England. Preservatives for beer and wine	65,617.	Oct. 15	130	2061
A. Booth & Company, Chicago, Ill. Canned oysters	59,368	Jan. 8	126	748
A. Breslau Company, Milwaukee, Wis. Maraschino cherries	59,900	Jan. 22	126	1349
A. Breslau Company, Milwaukee, Wis. Bitters	60,003	Jan. 22	126	1352
A. Breslau Company, Milwaukee, Wis. Bitters	62,235	Apr. 23	127	3212
A. Burdall Co., Indianapolis, Ind. Paste paint	64,056	July 23	129	1604
A. De Pinna Company, New York, N. Y. Leather shoes, boots, and slippers	61,970	Apr. 16	127	2809
A. Martin Inc., New York, N. Y. Eyeglass and spectacle lenses	60,968	Feb. 26	126	3418
A. Mecky Company, Philadelphia, Pa. Velocipedes and tricycles	65,235	Sept. 17	130	971
A. Priemeyer Shoe Co., Jefferson City, Mo. Leather shoes	61,451	Mar. 19	127	1252
A. Schilling and Company, San Francisco, Cal. Coffee	64,767	Aug. 20	129	3156
A. Schroer Tobacco Co., Cincinnati, Ohio. Chewing-tobacco	59,239	Jan. 1	126	383
A. Slauson & Co., New York, N. Y. Candy	63,511	June 25	128	3282
A. Spiegel & Co., Milwaukee, Wis. Medicinal bitters	63,794	July 9	129	864
A. Wittnauer Co., New York, N. Y. Watches, parts of watches, and watchcases	64,712	Aug. 20	129	3154
A. Wittnauer Co., New York, N. Y. Watches, parts of watches, and watchcases	64,713	Aug. 20	129	3154
A. Wittnauer Co., New York, N. Y. Watches, parts of watches, and watchcases	64,714	Aug. 20	129	3154
A. Wittnauer Co., New York, N. Y. Watches, parts of watches, and watchcases	65,109	Sept. 10	130	649
A. Wittnauer Co., New York, N. Y. Watches, parts of watches, and watchcases	65,110	Sept. 10	130	649
A. Wittnauer Co., New York, N. Y. Watches, parts of watches, and watchcases	65,111	Sept. 10	130	649
A. Wittnauer Co., New York, N. Y. Watches, parts of watches, and watchcases	65,112	Sept. 10	130	649
A. Wittnauer Co., New York, N. Y. Watches, parts of watches, and watchcases	65,501	Oct. 8	130	1682
A. Wittnauer Co., New York, N. Y. Watch-movements	65,871	Oct. 29	130	2713
A. Zerega's Sons, Consolidated, New York, N. Y. Spaghetti, vermicelli, macaroni, and noodles	65,236	Sept. 17	130	971
A. B. Andrews Company, New York, N. Y. Hosiery	65,662	Oct. 15	130	2062
A. B. Clark Co., New York, N. Y. Sheep, goat, calf, and kid leather	59,459	Jan. 8	126	751
A. B. Clark Company, Peabody, Mass. Sheep and goat leather	59,092	Jan. 1	126	379
A. B. Seelye Med. Co., Abilene, Kans. Ointment and skin food	60,438	Feb. 5	126	2186
A. & E. Leather Goods Co., New York, N. Y. Leather purses	59,217	Jan. 1	126	382
A. & F. Pears, Limd., London, England. Soaps	59,685	Jan. 15	126	1057
A. & F. Pears Limd., London, England. Perfumed soap	59,910	Jan. 22	126	1349
A. & F. Pears Limd., London, England. Perfumed soap	59,911	Jan. 22	126	1349
A. & F. Pears Limd., London, England. Perfumed soap	60,057	Jan. 29	126	1767
A. & F. Pears Limd., London, England. Perfumed soap	62,259	Apr. 30	127	3635
A. & F. Pears Limd., London, England. Perfumed fancy soaps	62,384	May 7	128	449
A. & F. Pears Limd., London, England. Perfumed soap	64,320	July 30	129	2071
A. & F. Pears, Limd., London, England. Perfumed soap	64,411	Aug. 6	129	2495
A. & F. Pears Limd., London, England. Perfumed soaps	64,511	Aug. 13	129	2851
A. & F. Pears Limd., London, England. Perfumed soap	64,692	Aug. 20	129	3154
A. & F. Pears Limd., London, England. Perfumed soap	65,748	Oct. 22	130	2366
A. & F. Pears Limd., London, England. Perfumed soap	65,895	Oct. 29	130	2714
A. G. Hyde & Sons, New York, N. Y. Certain textile fabrics	59,112	Jan. 1	126	379
A. G. Hyde & Sons, New York, N. Y. Certain textile fabrics	59,113	Jan. 1	126	379
A. G. Hyde & Sons, New York, N. Y. Certain textile fabrics	59,114	Jan. 1	126	379
A. G. Hyde & Sons, New York, N. Y. Bleached, unbleached, dyed, and printed textile fabrics	64,183	July 30	129	2067
A. G. Hyde & Sons, New York, N. Y. Bleached, unbleached, dyed, and printed textile fabrics	64,208	July 30	129	2068
A. G. Hyde & Sons, New York, N. Y. Bleached, unbleached, dyed, and printed textile fabrics	64,233	July 30	129	2069
A. G. Hyde & Sons, New York, N. Y. Bleached, unbleached, dyed, and printed textile fabrics	64,234	July 30	129	2069
A. G. Hyde & Sons, New York, N. Y. Cotton piece goods of plain weave	65,059	Sept. 3	130	295
A. G. Hyde & Sons, New York, N. Y. Bleached, unbleached, dyed, and printed textile fabrics	66,543	Dec. 10	131	1682
A. G. Kaufman Mfg. Company, New York, N. Y. Apparatus for heating, lighting, and cooking by gas	59,423	Jan. 8	126	750
A. G. Spalding & Bros., New York, N. Y. Golf-balls	62,085	Apr. 16	127	2812
A. G. Spalding & Bros., New York, N. Y. Elastic bandages, supporters, and suspensories	62,630	May 21	128	1285
A. G. Spalding & Bros., New York, N. Y. Elastic bandages, supporters, and suspensories	62,631	May 21	128	1285
A. G. Spalding & Bros., New York, N. Y. Elastic bandages, supporters, and suspensories	62,632	May 21	128	1285
A. G. Spalding & Bros., New York, N. Y. Certain knit goods	62,670	May 21	128	1286
A. G. Spalding & Bros., New York, N. Y. Certain knit goods	62,671	May 21	128	1286
A. G. Spalding & Bros., New York, N. Y. Certain knit goods	62,705	May 21	128	1287
A. G. Spalding & Bros., New York, N. Y. Certain clothing	63,796	July 9	129	864
A. G. Spalding & Bros., New York, N. Y. Certain clothing	63,797	July 9	129	864
A. G. Spalding & Bros., New York, N. Y. Certain clothing	63,798	July 9	129	864
A. G. Spalding & Bros., New York, N. Y. Certain footwear	64,046	July 23	129	1603
A. G. Spalding & Bros., New York, N. Y. Certain footwear	64,081	July 23	129	1604
A. G. Spalding & Bros., New York, N. Y. Certain footwear	64,121	July 23	129	1605
A. G. Spalding & Bros., Jersey City, N. J., and New York, N. Y. Golf-club irons	66,434	Nov. 26	131	1157
A. J. Houghton Co., Roxbury, Mass. Beer	62,165	Apr. 23	127	3210
A. J. Sheldon Co., New York, N. Y. Coffee and tea	63,302	June 11	128	2525
A. O. Norton Incorporated, Boston, Mass. Ratchet, screw, and track jacks	60,056	Jan. 29	126	1767
A. O. Norton Incorporated, Boston, Mass. Ratchet, screw, and track jacks	60,420	Feb. 5	126	2185
A. O. Norton Incorporated, Boston, Mass. Ratchet, screw, and track jacks	60,421	Feb. 5	126	2185
A. R. Duncan, Jr., Co., Cleveland, Ohio. Butter	59,912	Jan. 22	126	1349
A. R. Justice Company, Philadelphia, Pa. Certain cutlery	66,697	Dec. 24	131	2139
A. R. Mosler & Co., New York, N. Y. Spark-plugs	59,590	Jan. 15	126	1055
A. R. Mosler & Co., New York, N. Y. Spark-plugs	59,626	Jan. 15	126	1056
A. R. Mosler & Co., New York, N. Y. Spark-plugs	64,345	Aug. 6	129	2495

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
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A. S. Lee & Sons Company, Incorporated, Richmond, Va. Prepared agricultural lime.....	60,635	Feb. 19	126	3033
A/S. The Bergen Canning Co., Bergen, Norway. Canned, smoked, pickled, and preserved fish.....	63,412	June 18	128	2831
A/S. The Bergen Canning Co., Bergen, Norway. Smoked, canned, pickled, and preserved fish.....	64,268	July 30	129	2070
A-Z. Co., New York, N. Y. Radiators for automobiles.....	61,936	Apr. 9	127	2390
Abbott Alkaloidal Co., Chicago, Ill. Anesthetic and analgesic.....	65,286	Sept. 17	130	972
Abbott Alkaloidal Co., Chicago, Ill. Certain medicine.....	65,384	Sept. 24	130	1304
Abbott & Company, A. Theodore, Philadelphia, Pa. Certain tapestry goods.....	66,828	Dec. 31	131	2412
Abel Estate, M. E., Easton, Pa. Candy, bonbons, and ice-cream.....	64,715	Aug. 20	129	3154
Abendroth Bros., Port Chester and New York, N. Y. Certain heating apparatus.....	59,424	Jan. 8	126	750
Aberdeen Comb Works Company, Limited, Aberdeen, Scotland. Tortoise-shell and horn combs.....	64,184	July 30	129	2067
Abner Doble Company, San Francisco, Cal. Water-wheels and water-motors and all parts thereof.....	63,604	July 2	129	473
Abner Doble Company, San Francisco, Cal. Certain hand-tools.....	65,603	Oct. 8	130	1684
Abner Doble Company, San Francisco, Cal. Certain hand-tools.....	65,712	Oct. 22	130	2365
Abner Doble Company, San Francisco, Cal. Certain hand-tools.....	65,713	Oct. 22	130	2365
Abner Doble Company, San Francisco, Cal. Certain hand-tools.....	65,714	Oct. 22	130	2365
Abraham & Straus, New York, N. Y. Sterilized cream and condensed milk.....	62,239	Apr. 30	127	3635
Abraham & Straus, New York, N. Y. Canned fruits, canned vegetables, jelly, and jam.....	62,240	Apr. 30	127	3635
Abraham & Straus, Brooklyn, N. Y. Baking-powder.....	62,427	May 7	128	450
Abraham & Straus, Brooklyn, N. Y. Chocolate.....	62,476	May 7	128	451
Abraham & Straus, Brooklyn, N. Y. Flavoring extracts and jams.....	62,587	May 14	128	881
Abraham & Straus, Brooklyn, N. Y. Coffee and tea.....	62,672	May 21	128	1286
Abraham & Straus, Brooklyn, N. Y. Tea and coffee.....	62,673	May 21	128	1286
Abraham & Straus, Brooklyn, N. Y. Wheat-flour.....	63,799	July 9	129	864
Abrasive Material Co., Philadelphia, Pa. Abrasive material.....	66,810	Dec. 31	131	2411
Acetylene Apparatus Manufacturing Company, Chicago, Ill. Acetylene-generators.....	59,301	Jan. 8	126	747
Acetylene Apparatus Manufacturing Company, Chicago, Ill. Acetylene-generators.....	59,653	Jan. 15	126	1056
Acker, Merrill & Condit Company, New York, N. Y. Coffee.....	61,047	Mar. 5	127	385
Acme Ball-Bearing Company, Chappaqua, N. Y. Ball-bearing casters.....	63,387	June 18	128	2830
Acme Harvesting Machine Company, Peoria, Ill. Grain-headers and grain-binders, mowers, and parts thereof.....	64,024	July 23	129	1603
Acme Milling Company, Indianapolis, Ind. Wheat-flour.....	62,740	May 21	128	1288
Acme Shear Company, Bridgeport, Conn. Shears and scissors.....	66,318	Nov. 19	131	938
Acme White Lead & Color Wks., Detroit, Mich. Certain paints and painters' materials.....	63,481	June 25	128	3281
Acme White Lead & Color Works, Detroit, Mich. Paints of all kinds, enamels, stains, and varnishes.....	62,706	May 21	128	1287
Acme White Lead & Color Works, Detroit, Mich. Certain painters' materials.....	66,757	Dec. 24	131	2141
Acnezema Company, Chicago, Ill. Remedies for eczema and all skin diseases.....	61,019	Feb. 26	126	3419
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Photographic plates and films.....	60,467	Feb. 12	126	2581
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Wool-dyes.....	60,585	Feb. 12	126	2584
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Coal-tar dyestuffs.....	60,586	Feb. 12	126	2584
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Dyes and chemical preparations for dyeing purposes.....	60,587	Feb. 12	126	2584
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Photographic developers.....	60,588	Feb. 12	126	2584
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Photographic developers.....	60,589	Feb. 12	126	2584
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Photographic developers.....	60,590	Feb. 12	126	2584
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Certain chemical substances.....	60,591	Feb. 12	126	2584
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Certain chemical substances.....	60,592	Feb. 12	126	2585
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Photographic developers.....	60,714	Feb. 19	126	3035
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Internal remedy for dietetic purposes.....	60,783	Feb. 19	126	3037
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Intestinal astringents.....	60,784	Feb. 19	126	3037
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Sedatives.....	60,785	Feb. 19	126	3037
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Ointments.....	61,003	Feb. 26	126	3419
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Films, plates, and photographic papers.....	61,677	Apr. 2	127	1986
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Photographic developers.....	61,920	Apr. 9	127	2390
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. External medicinal preparations for the skin.....	62,033	Apr. 16	127	2810
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Certain medicinal preparations.....	62,034	Apr. 16	127	2810
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Coal-tar dyestuffs.....	62,086	Apr. 16	127	2812
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Photographic developers.....	62,087	Apr. 16	127	2812
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Hair-dyeing preparations.....	62,674	May 21	128	1286
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Coal-tar dyestuffs.....	62,707	May 21	128	1287
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Coal-tar dyestuffs.....	62,708	May 21	128	1287
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Films, plates, and photographic papers.....	62,741	May 21	128	1288
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Synthetic medicines and preparations made therefrom.....	64,994	Sept. 3	130	294
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Perfumeries.....	64,995	Sept. 3	130	294
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Anesthetics.....	65,287	Sept. 17	130	972
Actiengesellschaft Paulanerbräu (zum Salvator Keller), Munich, Germany. Beer.....	60,221	Jan. 29	126	1771
Actiengesellschaft Paulanerbräu (zum Salvator Keller), Munich, Germany. Beer.....	60,222	Jan. 29	126	1771
Actiengesellschaft Paulanerbräu (zum Salvator Keller), Munich, Germany. Beer.....	61,358	Mar. 19	127	1247
Adam, Alfred, Basel, Switzerland. Milky or lacteous meal for children.....	61,273	Mar. 12	127	842
Adams Argood Chocolate Co., Philadelphia, Pa. Candies.....	65,896	Oct. 29	130	2714
Adams Argood Chocolate Co., Philadelphia, Pa. Candies.....	66,582	Dec. 17	131	1935
Adams Argood Chocolate Co., Philadelphia, Pa. Candies.....	66,583	Dec. 17	131	1935
Adams & Elting Co., Chicago, Ill. Paints and certain painters' materials.....	60,287	Feb. 5	126	2182
Adams, Redden W., Boston, Ga. Remedy for diseases of the blood.....	61,016	Feb. 26	126	3419
Adleman, M. F., New York, N. Y. Certain named remedies.....	59,238	Jan. 1	126	384
Adler, Jacob, New York, N. Y. Detergent cleaning preparation for furniture.....	63,742	July 9	129	863
Adler, Leon N., New York, N. Y. Insecticide.....	60,713	Feb. 19	126	3035
Adrot, Léon, New York, N. Y. Metal-polish.....	65,519	Oct. 8	130	1682
Advance Fence Co., Peoria, Ill. Wire fence.....	62,192	Apr. 23	127	3210
Advance Novelty Company, New York, N. Y. All kinds of candies.....	61,839	Apr. 9	127	2388
Advance Thresher Co., Battle Creek, Mich. Certain agricultural machinery.....	65,347	Sept. 24	130	1303
Advance Thresher Co., Battle Creek, Mich. Certain agricultural machinery.....	65,348	Sept. 24	130	1303
Advance Thresher Co., Battle Creek, Mich. Traction-engines and horse-powers.....	65,349	Sept. 24	130	1303
Advance Thresher Co., Battle Creek, Mich. Traction-engines and horse-powers.....	65,350	Sept. 24	130	1303
Aerators Limited, London, England. Capsules and containers for compressed or liquefied gas.....	59,014	Jan. 1	126	377
Aerators Limited, London, England. Glass bottles for aerated waters or other liquids.....	63,482	June 25	128	3281
Aerators Limited, London, England. Metal parts of seltzogenes and siphons.....	63,483	June 25	128	3281
African Cigarette Company Limited. (See Maspero Frères, Limited.)				
African Cigarette Company, Limited, London, England. Cigarettes, cigars, smoking-tobacco, and chewing-tobacco.....	60,762	Feb. 19	126	3036
African Cigarette Company, Limited, London, England. Cigarettes, cigars, smoking-tobacco, and chewing-tobacco.....	64,269	July 30	129	2070

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African Cigarette Company, Limited, London, England. Cigarettes.....	64,327	Aug. 6	129	2493
African Cigarette Company, Limited, London, England. Cigarettes.....	64,328	Aug. 6	129	2493
Agocs, Lessor, Dorchester, Mass. Upper-leather for boots and shoes and leather for saddlery and bookbinding.....	60,350	Feb. 5	126	2183
Agricultural Publishing Company, Raleigh, N. C. Weekly journal.....	61,617	Mar. 26	127	1575
Ahlstrom, Charles A., Jamestown, N. Y. Pianos.....	62,550	May 14	128	880
Air Blast Gin Co., Dallas, Tex. Gins, cotton elevating and cleaning machines, condensers, and bal-formers.....	63,870	July 9	129	866
Airedale Mills Company, Boston, Mass. Broadcloth and casket, carriage, and cap cloth.....	62,526	May 14	128	879
Aitken, Son & Co., New York, N. Y. Laces.....	64,185	July 30	129	2067
Aitken, Son & Co., New York, N. Y. Certain clothing.....	64,768	Aug. 20	129	3156
Aitken, Son & Co., New York, N. Y. Ladies' hats and hat-frames.....	64,817	Aug. 20	129	3157
Ajax Valve Company, Chicago, Ill. Valves.....	65,060	Sept. 3	130	295
Akin Erskine Milling Co., Evansville, Ind. Wheat-flour.....	63,437	June 18	128	2832
Akin Erskine Milling Co., Evansville, Ind. Wheat-flour.....	63,795	July 9	129	864
Akin & Son, William M., Evansville, Ind. Ague-tonic.....	64,122	July 23	129	1605
Aktiebolaget Barthd. Dahlgren, Gothenburg, Sweden. Arrac punch.....	62,675	May 21	128	1286
Aktiebolaget Salenius' Werkstäder, Stockholm, Sweden. Centrifugal liquid-separators and parts belonging thereto.....	59,591	Jan. 15	126	1055
Aktienbrauerei zum Löwenbräu in München, Munich, Germany. Yeast.....	59,913	Jan. 22	126	1349
Alabama Consolidated Coal & Iron Co., Birmingham, Ala. Iron.....	64,329	Aug. 6	129	2493
Alabama Consolidated Coal & Iron Co., Birmingham, Ala. Pig-iron.....	64,693	Aug. 20	129	3154
Alabama-Georgia Syrup Company, Montgomery, Ala. Syrups.....	63,089	June 4	128	2080
Alabastine Company, Grand Rapids, Mich. Calcimine.....	61,472	Mar. 26	127	1571
Alart & McGuire, New York, N. Y. Sweet, sour, and mixed pickles.....	63,731	July 2	129	476
Alart & McGuire, New York, N. Y. Catsup.....	64,057	July 23	129	1604
Alart & McGuire, New York, N. Y. Worcestershire sauce.....	66,890	Dec. 31	131	2414
Albaugh Bros. Dover & Co., Chicago, Ill. Cream-separators.....	63,113	June 4	128	2081
Albaugh Bros., Dover & Co., Chicago, Ill. Monthly magazine.....	63,950	July 16	129	1262
Albaugh Bros. Dover & Co., Chicago, Ill. Food for plants and vegetables of all kinds.....	64,843	Aug. 27	129	3495
Alberger Condenser Company, New York, N. Y. Steam-condensers.....	60,745	Feb. 19	126	3036
Alberger Condenser Company, New York, N. Y. Water-heaters and heat-extractors.....	65,970	Nov. 5	131	353
Alberger Condenser Company, New York, N. Y. Water-heaters and heat-extractors.....	65,971	Nov. 5	131	353
Alberger Condenser Company, New York, N. Y. Expansion-joints.....	66,319	Nov. 19	131	938
Albers Bros. Milling Co., Portland, Oreg. Rolled oats.....	66,616	Dec. 17	131	1936
Albert Dickinson Company, Chicago, Ill. Poultry feed.....	60,249	Feb. 5	126	2181
Albert Dickinson Company, Chicago, Ill. Timothy-seed.....	60,321	Feb. 5	126	2183
Albert Dickinson Company, Chicago, Ill. Timothy-seed.....	60,340	Feb. 5	126	2183
Albert Dickinson Company, Chicago, Ill. Timothy-seed.....	60,351	Feb. 5	126	2183
Albert Dickinson Company, Chicago, Ill. Grass-seeds, grain-seeds, timothy-seed, and clover-seed.....	61,430	Mar. 19	127	1249
Albert Dickinson Company, Chicago, Ill. Grass-seeds, grain-seeds, timothy-seed, and clover-seed.....	61,431	Mar. 19	127	1249
Albert Dickinson Company, Chicago, Ill. Grass-seeds, grain-seeds, timothy-seed, and clover-seed.....	61,692	Apr. 2	127	1986
Albert Dickinson Company, Chicago, Ill. Poultry food.....	62,017	Apr. 16	127	2810
Albert M. Gugenheim Co., Cincinnati, Ohio. Whisky.....	60,969	Feb. 26	126	3418
Albert M. Gugenheim Co., Cincinnati, Ohio. Whisky.....	62,709	May 21	128	1287
Albert M. Gugenheim Co., Cincinnati, Ohio. Whisky.....	65,919	Oct. 29	130	2715
Albion Manufacturing Company, New York, N. Y. Polish for black shoes.....	62,493	May 7	128	452
Albion Manufacturing Company, New York, N. Y. Certain cleansing preparation.....	62,825	May 28	128	1682
Albright & Wilson Limited, Oldbury, England. Certain chemicals.....	65,861	Oct. 29	130	2713
Alden & Co., Geo. A., Boston, Mass. India-rubber and gutta-percha gums.....	59,592	Jan. 15	126	1055
Alden & Co., Geo. A., Boston, Mass. India-rubber and gutta-percha gums.....	59,593	Jan. 15	126	1055
Alden & Co., Geo. A., Boston, Mass. Mineral rubber or asphaltum compound.....	64,413	Aug. 6	129	2495
Alden & Co., Geo. A., Boston, Mass. India-rubber, gutta-percha, and other vulcanizable gums.....	65,872	Oct. 29	130	2713
Alden & Co., Geo. A., Boston, Mass. India-rubber, gutta-percha, and other vulcanizable gums.....	66,259	Nov. 19	131	936
Alexander, James, Montreal, Quebec, Canada. Pills.....	64,251	July 30	129	2069
Alfalfa Products Company, Fremont, Nebr. Stock and poultry foods.....	59,081	Jan. 1	126	378
Alfred Andersen & Co., Minneapolis, Minn. Iron cake-molds.....	64,158	July 30	129	2067
Alfred B. Smith & Company, Springfield, Mass. Wheat-flour.....	65,916	Oct. 29	130	2714
Alfred H. Smith Co., New York, N. Y. Toilet-brushes.....	63,512	June 25	128	3282
Alfred Hale Rubber Company, Boston, Mass. Rubber cement.....	62,142	Apr. 23	127	3209
Alfred Peats Co., New York, N. Y. Wall-paper.....	62,789	May 28	128	1681
Algeo, Thomas W., Chicago, Ill. Antiseptic antifebrile unguent external medicine.....	65,956	Nov. 5	131	353
Allcock Manufacturing Co., New York, N. Y. Porous plasters.....	60,004	Jan. 22	126	1352
Allcock Manufacturing Co., New York, N. Y. Porous plasters.....	60,183	Jan. 29	126	1770
Allen Brothers Company, Omaha, Nebr. Dried fruits, canned fruits, and canned vegetables.....	63,558	June 25	128	3283
Allen Brothers Company, Omaha, Nebr. Cigars.....	63,568	June 25	128	3283
Allen Brothers Company, Omaha, Nebr. Cigars.....	63,569	June 25	128	3283
Allen Brothers Company, Omaha, Nebr. Wheat-flour.....	63,570	June 25	128	3283
Allen Brothers Company, Omaha, Nebr. Certain food preparations.....	63,571	June 25	128	3283
Allen Brothers Company, Omaha, Nebr. Canned fruits and canned vegetables.....	63,572	June 25	128	3284
Allen Brothers Company, Omaha, Nebr. Teas.....	63,573	June 25	128	3284
Allen Brothers Company, Omaha, Nebr. Teas.....	63,574	June 25	128	3284
Allen Brothers Company, Omaha, Nebr. Canned fruits and canned vegetables.....	63,597	June 25	128	3284
Allen Brothers Company, Omaha, Nebr. Teas.....	63,846	July 9	129	865
Allen Brothers Company, Omaha, Nebr. Canned oysters, sardines, and salmon.....	64,007	July 16	129	1264
Allen Brothers Company, Omaha, Nebr. Coffee.....	64,008	July 16	129	1264
Allen Brothers Company, Omaha, Nebr. Certain cereal foods.....	65,897	Oct. 29	130	2714
Allen & Co., Benj., Chicago, Ill. Watches.....	60,821	Feb. 19	126	3038
Allen & Co., C. H., Attleboro, Mass. Collar and cuff buttons.....	59,015	Jan. 1	126	377
Allen & Co., S. L., Philadelphia, Pa. Sleds.....	61,432	Mar. 19	127	1249
Allen & Co., S. L., Philadelphia, Pa. Sleds.....	61,433	Mar. 19	127	1249
Allen-Day Company, New York, N. Y. Chocolates and candies.....	64,716	Aug. 20	129	3154
Allen-Day Company, New York, N. Y. Chocolates and candies.....	66,035	Nov. 5	131	355
Allen, John C., Cincinnati, Ohio. Remedy for diseases of the eye, nose, face, and ear.....	60,400	Feb. 5	126	2185
Allen, Joseph C., Plainfield, N. J. Tooth-powder, foot-powder, and borated talcum powder.....	59,177	Jan. 1	126	381
Allen & Wheeler Company, Troy, Ohio. Wheat-flour.....	65,818	Oct. 22	130	2367
Allen & Wheeler Company, Troy, Ohio. Wheat-flour.....	65,819	Oct. 22	130	2367
Allen & Wheeler Company, Troy, Ohio. Wheat-flour.....	65,898	Oct. 29	130	2714
Allen's B. B. Flour Co., Inc., San Jose, Cal. Certain cereal foods.....	64,414	Aug. 6	129	2495
Allen's Coffee & Spice Mills Company, Denver, Colo. Coffee.....	63,825	July 9	129	865
Allison, C. Bedford, New York, N. Y. Umbrellas and walking-sticks.....	65,385	Sept. 24	130	1304
Allsopp Bros., Newark, N. J. Finger-rings.....	59,055	Jan. 1	126	378
Alma Manufacturing Company, Baltimore, Md. Buttons.....	59,425	Jan. 8	126	750
Alma Manufacturing Company of Baltimore City, Baltimore, Md. Snap-fasteners.....	61,281	Mar. 12	127	842
Alma Manufacturing Company of Baltimore City, Baltimore, Md. Buckles.....	62,276	Apr. 30	127	3636
Althea Remedy Company, Fort Wayne, Ind. Liver remedies.....	66,091	Nov. 12	131	685

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Alton Mfg. Co., New York, N. Y. Illuminating-gas burners.	60,288	Feb. 5	126	2182
Alton Mfg. Co., New York, N. Y. Illuminating-gas burners.	64,346	Aug. 6	129	2493
Alvin Manufacturing Co., New York, N. Y. Silver tableware, hollow ware, and flat ware.	64,096	July 23	129	1605
Alvin Manufacturing Co., New York, N. Y. Silver tableware, hollow ware, and flat ware.	64,097	July 23	129	1605
Alvin Manufacturing Co., New York, N. Y. Silver tableware, hollow ware, and flat ware.	64,098	July 23	129	1605
Alvin Manufacturing Company, Chicago, Ill. Go-carts.	60,822	Feb. 19	126	3038
Amalgamated Paint Company, Jersey City, N. J. Asphaltic and composite paints.	62,947	June 4	128	2077
Amberg File & Index Co., Chicago, Ill.; New York, N. Y., and London, England. Paper indexes.	59,369	Jan. 8	126	748
Amberg File & Index Co., Chicago, Ill.; New York, N. Y., and London, England. Paper transfer-cases.	59,370	Jan. 8	126	749
Ambrosia Chocolate Company, Milwaukee, Wis. Cocoa, chocolate, and chocolate candy.	61,662	Apr. 2	127	1986
Amédée Castaing, New York, N. Y. Disinfectants, deodorizers, and germicides.	61,922	Apr. 9	127	2390
American Agricultural Chemical Company, New York, N. Y. Phosphatic fertilizers.	63,847	July 9	129	865
American Air Cleaning Company, Milwaukee, Wis. Air cleaning machinery and parts thereof.	65,604	Oct. 8	130	1684
American Alcohol Company, New York, N. Y. Denatured alcohol.	59,527	Jan. 8	126	753
American Antifonnin Co., New York, N. Y. Cleansing and disinfecting preparation.	61,693	Apr. 2	127	1986
American Bar-Lock Company, Philadelphia, Pa. Illuminating-prisms for building construction.	60,746	Feb. 19	126	3036
American Bar-Lock Co., Philadelphia, Pa. Vault-lights, sidewalk-lights, and door and window lights.	61,537	Mar. 26	127	1573
American Bar-Lock Company, Philadelphia, Pa. Certain glassware.	62,588	May 14	128	881
American Bar-Lock Company, Philadelphia, Pa. Illuminating-prisms, vault, sidewalk, door, and sky lights.	64,769	Aug. 20	129	3156
American Beverage Co., Atlanta, Ga. Ginger-ale.	66,115	Nov. 12	131	685
American Beverage Co., Atlanta, Ga. Root-beer.	66,116	Nov. 12	131	685
American Brewing Company of Rochester, N. Y., Rochester, N. Y. Beer, ale, and porter.	64,415	Aug. 6	129	2495
American and British Manufacturing Co., Providence, R. I., and Bridgeport, Conn. Ordnance, parts thereof, and unloaded projectiles.	65,409	Sept. 24	130	1304
American Cement Company, Philadelphia, Pa. Portland, natural-rock, and improved cement.	62,710	May 21	128	1287
American Cereal Company, Akron and Ravenna, Ohio; Chicago, Ill., and Cedar Rapids, Iowa, assignor to Quaker Oats Company. Certain flours and meals.	64,123	July 23	129	1605
American Cereal Company, Akron and Ravenna, Ohio; Chicago, Ill., and Cedar Rapids, Iowa, assignor to Quaker Oats Company. Certain cereal foods.	64,270	July 30	129	2070
American Chemical & Textile Coloring Co., Wilmington, N. C. Antiseptic preparation.	66,780	Dec. 31	131	2411
American Chiclé Co., New York, N. Y. Chewing-gum.	60,747	Feb. 19	126	3036
American Chiclé Co., New York, N. Y. Chewing-gum.	61,345	Mar. 19	127	1247
American Chiclé Co., New York, N. Y. Chewing-gum.	65,386	Sept. 24	130	1304
American Circular Loom Company, Portland, Me. Electric conduits.	65,955	Oct. 29	130	2715
American Coffee Co. of New Orleans, Ltd., New Orleans, La. Coffee.	63,717	July 2	129	476
American Contractor Publishing Company, Chicago, Ill. Magazine.	60,468	Feb. 12	126	2581
American Cotton Oil Company, near Guttenberg, N. J. Summer white cotton-seed oil.	61,037	Mar. 5	127	385
American Cotton Oil Company, near Guttenberg, N. J. Cotton-seed oil.	61,038	Mar. 5	127	385
American Cotton Oil Company, near Guttenberg, N. J. Cotton-seed oil.	61,039	Mar. 5	127	385
American Cotton Oil Company, near Guttenberg, N. J. Cotton-seed oil.	61,070	Mar. 5	127	386
American Druggists Syndicate, New York, N. Y. Remedies for certain diseases.	61,722	Apr. 2	127	1987
American Dyewood Company, Philadelphia, Pa. Dyestuffs.	61,191	Mar. 5	127	389
American Farm Products Company, Jersey City, N. J., and New York, N. Y. Butter.	64,058	July 23	129	1604
American Farm Products Company, Jersey City, N. J., and New York, N. Y. Process-butter.	64,252	July 30	129	2069
American Fertilizing Company, Norfolk, Va. Fertilizers.	60,636	Feb. 19	126	3033
American Fertilizing Company, Norfolk, Va. Fertilizers.	65,645	Oct. 15	130	2061
American Fork & Hoe Co., Cleveland, Ohio. Farm and garden hand-tools.	62,551	May 14	128	880
American Garter Co., New York, N. Y. Garters.	63,029	June 4	128	2079
American Glove Co., Chicago, Ill. Gloves, mittens, and gauntlets made of horsehide.	61,359	Mar. 19	127	1247
American Glue Co., Boston, Mass., assignor to American Glue Company. Emery-cloth and sand-paper.	62,260	Apr. 30	127	3635
American Glue Company, Boston, Mass. Sandpapers, garnet-papers, emery-papers, and emery-cloths.	61,798	Apr. 9	127	2387
American Goetze-Gasket & Packing Co., New York, N. Y. Machinery packing.	62,806	May 28	128	1682
American Graphite Company, Cleveland, Ohio. Mineral paints.	65,266	Sept. 17	130	972
American Hard Rubber Co., New York, N. Y. Electrical insulating material.	63,388	June 18	128	2830
American Hard Rubber Co., New York, N. Y. Hard-rubber bowling-balls.	64,694	Aug. 20	129	3154
American Hard Rubber Co., New York, N. Y. Sheet-rubber.	64,717	Aug. 20	129	3154
American Hominy Company, Indianapolis, Ind. Hominy, hominy-grits, hominy-flake, and corn-meal.	61,214	Mar. 12	127	841
American Hominy Company, Indianapolis, Ind. Toasted corn-flakes.	61,840	Apr. 9	127	2388
American Hominy Company, Indianapolis, Ind. Toasted corn-flakes.	61,851	Apr. 9	127	2388
American Horse Shoe Company, Phillipsburg, N. J. Horseshoes and mule-shoes.	61,318	Mar. 12	127	843
American Hosiery Company, New Britain, Conn. Certain knitted goods.	60,352	Feb. 5	126	2183
American Hosiery Company, New Britain, Conn. Certain knitted goods.	60,372	Feb. 5	126	2184
American Hosiery Company, New Britain, Conn. Certain knitted goods.	60,401	Feb. 5	126	2185
American-La France Fire Engine Co., Elmira, N. Y. Fire-extinguishers, chemical-engines, and hand-grenades and attachments thereof.	61,494	Mar. 26	127	1571
American-La France Fire Engine Co., Elmira, N. Y. Steam fire-engines.	63,184	June 11	128	2522
American-La France Fire Engine Co., Elmira, N. Y. Chemical fire-extinguishers.	64,695	Aug. 20	129	3154
American Lace Leather Co., Inc., Richmond, Va. Lace-leather.	61,526	Mar. 26	127	1572
American Lady Corset Co., Detroit, Mich. Corsets.	63,030	June 4	128	2079
American Lady Corset Co., Detroit, Mich. Corsets.	63,031	June 4	128	2079
American Law Book Company, Jersey City, N. J., and New York, N. Y. Law-books.	61,593	Mar. 26	127	1574
American Lead Pencil Company, New York, N. Y. Rubber erasers.	59,881	Jan. 22	126	1348
American Lead Pencil Company, New York, N. Y. Lead-pencils and point-protectors.	60,469	Feb. 12	126	2581
American Lead Pencil Company, New York, N. Y. Lead-pencils.	64,909	Aug. 27	129	3497
American Manufacturing Company, New York, N. Y. Bagging.	62,166	Apr. 23	127	3210
American Manufacturing Company, New York, N. Y. Rope, cord, lines, and twine manufactured from vegetable fiber.	63,039	June 4	128	2079
American Mica Company, Newton, Mass. Certain insulation materials.	61,434	Mar. 19	127	1249
American Milk Product Co., Chicago, Ill. Evaporated milk.	62,894	May 28	128	1684
American Mutoscope and Biograph Company, New York, N. Y. Films and card-reel apparatus.	59,124	Jan. 1	126	380
American Mutoscope and Biograph Company, New York, N. Y. Consecutive-view apparatus.	59,528	Jan. 8	126	753
American News Company, New York, N. Y. Writing and spelling tablets.	64,124	July 23	129	1605
American News Company, New York, N. Y. Writing-paper.	64,910	Aug. 27	129	3497
American Olive Company, Los Angeles, Cal. Olives and oil made therefrom.	59,882	Jan. 22	126	1348
American Olive Company, Los Angeles, Cal. Olives.	61,825	Apr. 9	127	2387
American Olive Company, Los Angeles, Cal. Olives and olive-oil.	63,253	June 11	128	2524
American Pin Company, Waterville, Conn. Safety-pins.	63,668	July 2	129	474
American Printing Company, Fall River, Mass. Cotton piece goods.	61,476	Mar. 26	127	1571
American Radiator Company, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France, and Berlin, Germany. Radiators.	60,637	Feb. 19	126	3033

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American Radiator Company, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France, and Berlin, Germany. Radiators.	60,638	Feb. 19	126	3033
American Radiator Company, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France, and Berlin, Germany. Radiators.	60,639	Feb. 19	126	3033
American Radiator Company, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France, and Berlin, Germany. Radiators.	60,640	Feb. 19	126	3033
American Radiator Company, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France, and Berlin, Germany. Radiators.	60,641	Feb. 19	126	3033
American Radiator Company, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France, and Berlin, Germany. Radiators.	60,642	Feb. 19	126	3033
American Radiator Company, East Orange, N. J.; Chicago, Ill.; New York, N. Y.; Philadelphia, Pa.; Boston, Mass.; London, England; Paris, France, and Berlin, Germany. Radiators.	60,673	Feb. 19	126	3034
American Ribbon & Carbon Co., Rochester, N. Y. Type-writer ribbons and carbon-paper.	64,330	Aug. 6	129	2493
American Sanitary Works, New York, N. Y. Earthenware closet-bowls.	66,544	Dec. 10	131	1682
American Sash & Door Co., Kansas City, Mo. Paper and felt roofing and sheathing.	66,817	Dec. 31	131	2411
American Shoe & Hat Co., San Antonio, Tex. Leather boots and shoes.	64,911	Aug. 27	129	3497
American Silver Company, Bristol, Conn. Certain solid and plated metal ware.	60,593	Feb. 12	126	2585
American Soapstone Co., New York, N. Y., and Arrington, Va. Tubs, tanks, sinks, bowls, and basins made of soapstone.	64,025	July 23	129	1603
American Soda Fountain Company, Boston, Mass. Beef extracts.	59,426	Jan. 8	126	750
American Soda Fountain Company, Boston, Mass. Solid and plated precious-metal ware.	60,244	Jan. 29	126	1772
American Steel & Copper Plate Co., New York, N. Y. Copper and zinc plates for photo-engravers' uses.	59,343	Jan. 8	126	748
American Stove Company, Jersey City, N. J., and St. Louis, Mo. Gas, oil, and vapor stoves, burners, and ovens.	62,215	Apr. 23	127	3211
American Stove Company, Jersey City, N. J., and St. Louis, Mo. Gas-stoves, gasolene or vapor stoves, and vapor burners and ovens.	62,261	Apr. 30	127	3635
American Stove Company, Jersey City, N. J., and St. Louis, Mo. Gas-ranges or other gas stoves and heaters, vapor stoves and ovens.	62,501	May 14	128	879
American Stove Company, Jersey City, N. J., and St. Louis, Mo. Gas stoves and heaters and vapor stoves and ovens.	62,658	May 21	128	1285
American Stove Company, Jersey City, N. J., and St. Louis, Mo. Certain stoves, heaters, and ovens.	66,758	Dec. 24	131	2141
American Stove Company, Jersey City, N. J., and St. Louis, Mo. Gas-stoves, gas-ranges, gas-heaters, and coal-ranges.	66,759	Dec. 24	131	2141
American Stove Company, Jersey City, N. J., and St. Louis, Mo. Gas-stoves, gas-ranges, gas-heaters, and coal-ranges.	66,760	Dec. 24	131	2141
American Stove Company, St. Louis, Mo. Refrigerators and ice-boxes.	62,517	May 14	128	879
American Stove Company, St. Louis, Mo. Certain stoves and ranges.	64,652	Aug. 20	129	3153
American Stove Company, St. Louis, Mo. Stoves and their parts.	64,653	Aug. 20	129	3153
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	59,371	Jan. 8	126	749
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	59,372	Jan. 8	126	749
American Thread Company, Jersey City, N. J. Spool-cotton and thread.	59,654	Jan. 15	126	1056
American Thread Company, Jersey City, N. J. Spool-cotton and thread.	59,655	Jan. 15	126	1056
American Thread Company, Jersey City, N. J. Spool-cotton and thread.	59,686	Jan. 15	126	1057
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	59,687	Jan. 15	126	1057
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	59,688	Jan. 15	126	1057
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	59,689	Jan. 15	126	1057
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	59,690	Jan. 15	126	1057
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	59,691	Jan. 15	126	1057
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	59,846	Jan. 22	126	1347
American Thread Company, Jersey City, N. J. Spool-cotton and thread.	59,847	Jan. 22	126	1347
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	59,866	Jan. 22	126	1348
American Thread Company, Jersey City, N. J. Spool-cotton and thread.	59,867	Jan. 22	126	1348
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	60,301	Feb. 5	126	2182
American Thread Company, Jersey City, N. J. Spool-cotton and thread.	62,385	May 7	128	449
American Thread Company, Jersey City, N. J. Spool-cotton and thread.	62,386	May 7	128	449
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	62,387	May 7	128	449
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	62,388	May 7	128	449
American Thread Company, Jersey City, N. J. Spool-cotton and thread.	62,568	May 14	128	880
American Thread Company, Jersey City, N. J. Spool-cotton and thread.	62,569	May 14	128	881
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	62,948	June 4	128	2077
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	62,949	June 4	128	2077
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	62,950	June 4	128	2077
American Thread Company, Jersey City, N. J. Spool-cotton, thread, and sewing-cotton.	63,137	June 11	128	2521
American Thread Company, Jersey City, N. J. Spool-cotton, thread, and sewing-cotton.	63,138	June 11	128	2521
American Thread Company, Jersey City, N. J. Spool-cotton, thread, and sewing-cotton.	63,139	June 11	128	2521
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	63,206	June 11	128	2522
American Thread Company, Jersey City, N. J. Spool-cotton, thread, and sewing-cotton.	63,207	June 11	128	2522
American Thread Company, Jersey City, N. J. Spool-cotton, thread, and sewing-cotton.	63,208	June 11	128	2523
American Thread Company, Jersey City, N. J. Spool-cotton, thread, and sewing-cotton.	63,209	June 11	128	2523
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	63,210	June 11	128	2523
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	63,211	June 11	128	2523
American Thread Company, Jersey City, N. J. Spool-cotton, thread, and sewing-cotton.	63,355	June 18	128	2829
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	63,630	July 2	129	473
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	63,631	July 2	129	473
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	63,632	July 2	129	473
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	63,633	July 2	129	473
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	63,634	July 2	129	474
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	63,635	July 2	129	474
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	63,636	July 2	129	474
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	63,637	July 2	129	474
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	64,186	July 30	129	2067
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	64,209	July 30	129	2068
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	64,210	July 30	129	2068
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	64,211	July 30	129	2068
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	64,212	July 30	129	2068
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	64,213	July 30	129	2068
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	64,214	July 30	129	2068
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	64,818	Aug. 27	129	3495
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	64,819	Aug. 27	129	3495
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	64,820	Aug. 27	129	3495
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	64,821	Aug. 27	129	3495
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	64,822	Aug. 27	129	3495
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	64,823	Aug. 27	129	3495
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	64,824	Aug. 27	129	3495

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Name, residence, and title.	No.	Date.	Official Gazette.	
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American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	64,825	Aug. 27	129	3495
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	64,826	Aug. 27	129	3495
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	64,827	Aug. 27	129	3495
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	64,830	Aug. 27	129	3495
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	64,831	Aug. 27	129	3495
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	64,832	Aug. 27	129	3495
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-silk, and thread.	64,833	Aug. 27	129	3495
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	64,834	Aug. 27	129	3495
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	64,977	Sept. 3	130	293
American Thread Company, Jersey City, N. J. Spool-cotton and sewing-cotton and thread.	66,036	Nov. 5	131	355
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	66,117	Nov. 12	131	685
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	66,118	Nov. 12	131	685
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	66,119	Nov. 12	131	685
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	66,196	Nov. 12	131	687
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	66,260	Nov. 19	131	936
American Thread Company, Jersey City, N. J. Spool-cotton, sewing-cotton, and thread.	66,401	Nov. 26	131	1156
American Tobacco Company, New York, N. Y. Chewing and smoking tobacco.	65,544	Oct. 8	130	1683
American Tobacco Company, New York, N. Y. Chewing and smoking tobacco.	65,545	Oct. 8	130	1683
American Tobacco Company, New York, N. Y. Chewing and smoking tobacco.	65,546	Oct. 8	130	1683
American Tobacco Company, New York, N. Y. Chewing and smoking tobacco.	65,663	Oct. 15	130	2062
American Tobacco Company, New York, N. Y. Smoking-tobacco.	65,749	Oct. 22	130	2366
American Tracing Cloth Company, New York, N. Y. Tracing-cloths and tracing-linens.	59,460	Jan. 8	126	751
American Trading Company, New York, N. Y. Cotton piece goods.	64,579	Aug. 13	129	2853
American Trading Company, (Pacific Coast), San Francisco, Cal. Canned salmon.	66,016	Nov. 5	131	354
American Trading Company, (Pacific Coast), San Francisco, Cal. Canned salmon.	66,017	Nov. 5	131	354
American Trading Company, (Pacific Coast), San Francisco, Cal. Wheat-flour.	66,677	Dec. 24	131	2139
American Vulcanized Fibre Company, Wilmington, Del. Certain vegetable fiber and articles made therefrom.	59,772	Jan. 15	126	1059
American Vulcanized Fibre Company, Wilmington, Del. Certain vegetable substances.	65,387	Sept. 24	130	1344
American Washboard Company, Cleveland, Ohio. Washboards.	62,442	May 7	128	450
American Washboard Company, Cleveland, Ohio. Washboards.	62,742	May 7	128	1288
American Washboard Company, Cleveland, Ohio. Washboards.	62,790	May 28	128	1081
American Washboard Company, Cleveland, Ohio. Washboards.	62,791	May 28	128	1681
American Washboard Company, Cleveland, Ohio. Washboards.	62,792	May 28	128	1681
American Washboard Company, Cleveland, Ohio. Washboards.	62,793	May 28	128	1681
American Washboard Company, Cleveland, Ohio. Washboards.	62,794	May 28	128	1681
American Washboard Company, Cleveland, Ohio. Washboards.	62,795	May 28	128	1681
American Washboard Company, Cleveland, Ohio. Washboards.	62,979	June 4	128	2078
American Washboard Company, Cleveland, Ohio. Washboards.	62,980	June 4	128	2078
American Watch Tool Company, Waltham, Mass. Chucks and head-stocks of lathes.	59,936	Jan. 22	126	1350
American Watch Tool Company, Waltham, Mass. Chucks and head-stocks of lathes.	59,937	Jan. 22	126	1350
American Wire Brush Company, New York, N. Y. Wire brushes.	61,852	Apr. 9	127	2388
American Wringer Company, New York, N. Y. Clothes wringers, mangles, and driers.	63,951	July 16	129	1262
American Wringer Company, New York, N. Y. Mangles.	66,120	Nov. 12	131	685
American Wringer Company, New York, N. Y. Clothes-wringers and mangles.	66,121	Nov. 12	131	685
American Wringer Company, New York, N. Y. Bench-wringers.	66,122	Nov. 12	131	686
American Wringer Company, New York, N. Y. Clothes-wringers.	66,123	Nov. 12	131	686
American Wringer Company, New York, N. Y. Clothes-wringers.	66,124	Nov. 12	131	686
American Wringer Company, New York, N. Y. Clothes-wringers.	66,125	Nov. 12	131	686
American Wringer Company, New York, N. Y. Clothes-wringers.	66,126	Nov. 12	131	686
American Wringer Company, New York, N. Y. Clothes-wringers.	66,127	Nov. 12	131	686
American Wringer Company, New York, N. Y. Clothes-wringers.	66,128	Nov. 12	131	686
American Wringer Company, New York, N. Y. Clothes-wringers.	66,129	Nov. 12	131	686
American Wringer Company, New York, N. Y. Clothes-wringers.	66,130	Nov. 12	131	686
American Wringer Company, New York, N. Y. Clothes-wringers.	66,131	Nov. 12	131	686
American Wringer Company, New York, N. Y. Clothes-wringers.	66,243	Nov. 19	131	936
American Wringer Company, New York, N. Y. Wringers and parts thereof.	66,244	Nov. 19	131	936
American Wringer Company, New York, N. Y. Clothes-wringers.	66,245	Nov. 19	131	936
American Wringer Company, New York, N. Y., and Providence, R. I. Clothes-wringers.	66,417	Nov. 26	131	1156
American Writing Paper Company, Holyoke, Mass. Type-writer paper.	64,956	Sept. 3	130	293
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,314	Sept. 17	130	973
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,329	Sept. 17	130	973
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,780	Oct. 22	130	2366
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,781	Oct. 22	130	2367
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,782	Oct. 22	130	2367
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,783	Oct. 22	130	2367
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,784	Oct. 22	130	2367
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,785	Oct. 22	130	2367
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,786	Oct. 22	130	2367
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,787	Oct. 22	130	2367
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,788	Oct. 22	130	2367
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,789	Oct. 22	130	2367
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,790	Oct. 22	130	2367
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,791	Oct. 22	130	2367
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,792	Oct. 22	130	2367
American Writing Paper Company, Holyoke, Mass. Cover-paper.	65,873	Oct. 29	130	2713
American Writing Paper Company, Holyoke, Mass. Cover-paper.	65,874	Oct. 29	130	2713
American Writing Paper Company, Holyoke, Mass. Cover-paper.	65,875	Oct. 29	130	2713
American Writing Paper Company, Holyoke, Mass. Cover-paper.	65,876	Oct. 29	130	2713
American Writing Paper Company, Holyoke, Mass. Cover-paper.	65,972	Nov. 5	131	353
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,973	Nov. 5	131	353
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,974	Nov. 5	131	353
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,975	Nov. 5	131	353
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,976	Nov. 5	131	353
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,977	Nov. 5	131	353
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	65,978	Nov. 5	131	353
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	66,092	Nov. 12	131	685
American Writing Paper Company, Holyoke, Mass. Writing and printing paper.	66,435	Nov. 26	131	1157
Amesman, Caroline L., New Boston, Pa. Medicine for the cure of gall-stones in man.	61,004	Feb. 26	126	3419
Ames Shovel and Tool Company, Boston, Mass. Shovels, spades, and scoops.	59,594	Jan. 15	126	1055
Ames Shovel and Tool Company, Boston, Mass. Shovels, spades, and scoops.	59,595	Jan. 15	126	1055
Ammen, Charles, New Orleans, La. Antipyretic, stimulant, analgesic, and anodyne.	61,282	Mar. 12	127	842
Ammonol Chemical Company, New York, N. Y. Analgesic and antipyretic.	63,920	July 16	129	1261
Amol Chemical Company, New York, N. Y. Toilet powder.	59,178	Jan. 1	126	381
Ampere Manufacturing Co., New York, N. Y. Electric batteries.	65,605	Oct. 8	130	1684
Ams, Max, New York, N. Y. Pie-fillings, preserves, and jellies.	62,262	Apr. 30	127	3635

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Name, residence, and title.	No.	Date.	Official Gazette.	
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Ams, Max, New York, N. Y. Pie-fillings, preserves, and jellies.	64,565	Aug. 13	129	2853
Amsterdamsche Likeurstokerij "T Looijsje" der Erven Lucas Bols, Amsterdam, Netherlands, and New York, N. Y. Creme de menthe.	60,245	Jan. 29	126	1772
Andalaft Bros., Kansas City, Mo. Ice-cream cones.	65,899	Oct. 29	130	2714
Andersen, Andrew M., Chicago, Ill. Waffle-irons.	64,295	July 30	129	2070
Anderson, Harold N., Dayton, Ohio. Bows, arrows, and targets.	62,100	Apr. 16	127	2812
Anderson, Harry T., Baltimore, Md. Leather shoes.	59,627	Jan. 15	126	1056
Anderson, Henry C., Atlanta, Ga. Certain beverages and preparations for making same.	60,402	Feb. 5	126	2185
Anderson, James W., St. Louis, Mo. Stock food and poultry food.	60,058	Jan. 29	126	1767
Anderson, Thomas E., Fulton, Ky. Remedies for certain named diseases.	60,005	Jan. 22	126	1352
Andolin-Gesellschaft mit beschränkter Haftung, Berlin, Germany. Anesthetics.	64,654	Aug. 20	129	3153
André, Schaub & Pioso, Paris, France. Preparation for polishing finger-nails.	62,203	Apr. 23	127	3211
Andrew Hanley Company, Savannah, Ga. Certain paints and painters' materials.	65,581	Oct. 8	130	1684
Andrew Lohr Bottling Co., Cairo, Ill. Soda-water and mineral water.	63,254	June 11	128	2524
Andrew Pharmaceutical Company, Mason, Ohio. Internal remedy for alleviating pain.	60,823	Feb. 19	126	3038
Andrews, Edw. F., Chicago, Ill. Plugs for filling the teeth.	61,319	Mar. 12	127	843
Anglo-American Inc. Light Co., Pittsburg, Pa. Incandescent mantles.	60,674	Feb. 19	126	3034
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.	64,125	July 23	129	1605
Anheuser-Busch Brewing Association, St. Louis, Mo. Porter.	64,187	July 30	129	2067
Anheuser-Busch Brewing Association, St. Louis, Mo. Beer.	66,464	Dec. 3	131	1417
Anita Spring Water Co., near La Grange, Ky. Spring-water.	60,373	Feb. 5	126	2184
Anslay, B. C., Los Angeles, Cal. Liquid preparations for affections of the respiratory system.	60,439	Feb. 5	126	2186
Anstalt zur Verfertigung der Dr. Sulzberger'schen Allgemeinen Flusstinktur, Salzen, Germany. Rheumatism-drops.	59,530	Jan. 8	126	753
Anstalt zur Verfertigung der Dr. Sulzberger'schen Flusstinktur, Salzen, Germany. Rheumatism-drops.	59,529	Jan. 8	126	753
Anti-Cori-Zinc Chemical Company, St. Louis, Mo. Medicine for the cure of headache, colds, and dysmenorrhea.	59,551	Jan. 8	126	753
Anti-Mal De Mer Belt Company, Montreal, Quebec, Canada. Abdominal belts.	63,692	July 2	129	475
Anti-Septo Medicine Company, Chicago, Ill. Certain medicines.	64,770	Aug. 20	129	3156
Antrim & Sons, C. W., Richmond, Va. Coffee.	59,901	Jan. 22	126	1349
Antuono, Valentino M., Tampa, Fla. Cigars, cheroots, and little cigars.	65,547	Oct. 8	130	1683
Antuono, Valentino M., Tampa, Fla. Cigars, cheroots, and little cigars.	65,548	Oct. 8	130	1683
Apfel & Earnest, Seattle, Wash. Composition paving and roofing material.	62,193	Apr. 23	127	3210
Apollinaris Company, Limited, London, England. Mineral water.	64,655	Aug. 20	129	3153
Appen-D-Form Company, Elkhart, Ind. Ointment and salve.	64,450	Aug. 6	129	2496
Appliance Mfg. Co., Chicago, Ill. Certain automobile accessories.	65,206	Sept. 10	130	652
Aqualite Fire Proofing Paint Co. of New York, New York, N. Y. Paints.	65,664	Oct. 15	130	2062
Arabol M'fg. Co., New York, N. Y. Certain starch sizes.	62,607	May 14	128	882
Arabol M'fg. Co., New York, N. Y. Glues made from seaweeds.	66,713	Dec. 24	131	2140
Archibald Turner & Co., Limited, Leicester, England. Elastic webs of india-rubber.	59,315	Jan. 8	126	747
Argentina Company, New York, N. Y. Polishing and plating compounds.	66,402	Nov. 26	131	1156
Arguinbau, Daniel V., New York, N. Y. Licorice paste.	62,875	May 28	128	1683
Argus Motoren Gesellschaft Jeannin & Co. Comm.-Ges., Berlin, Germany. Automobiles and parts thereof, except rubber tires.	61,145	Mar. 5	127	388
Arknot Co., Hartford, Conn. Certain electric apparatus and supplies.	59,807	Jan. 15	126	1060
Arlington Company, New York, N. Y. Rubber collars and cuffs.	64,047	July 23	129	1603
Armiger Chemical Co., Chicago, Ill. Abrasive metal-polishes.	66,714	Dec. 24	131	2140
Armored Tire Co., H. M. & S., Pittsburg, Pa. Rubber tires for automobiles.	61,239	Mar. 12	127	841
Armour & Company, Chicago, Ill. Liquid preparation of lecithin.	60,824	Feb. 19	126	3038
Armour & Company, Chicago, Ill. Shaving cream or paste.	62,304	Apr. 30	127	3636
Arms & Kidder, Rosedale, Kans. Wheat-flour.	63,064	June 4	128	2080
Armstrong Cork Co., Pittsburg, Pa. Insulating material containing cork.	63,212	June 11	128	2523
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.	59,056	Jan. 1	126	378
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.	60,502	Feb. 12	126	2582
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.	60,803	Feb. 19	126	3037
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.	60,804	Feb. 19	126	3037
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.	60,805	Feb. 19	126	3037
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.	60,806	Feb. 19	126	3037
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.	60,020	Feb. 26	126	3419
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.	60,021	Feb. 26	126	3419
Arnhold, Karberg & Co., New York, N. Y. Cotton piece goods.	66,320	Nov. 19	131	938
Arnold, Louchheim & Co., Philadelphia, Pa. Trousers, coats, vests, and overcoats.	61,230	Mar. 12	127	841
Arrowsmith Manufacturing Company, Chester, N. J. Instep-supporters.	59,057	Jan. 1	126	378
Arthur Guinness Son & Co., Ltd., London, England. Stout.	63,040	June 4	128	2079
Arthur Guinness Son & Co., Ltd., London, England. Stout.	63,041	June 4	128	2079
Asbestine Stone Co., Boston, Mass. Certain masonry materials.	64,828	Aug. 27	129	3495
Asbestos Shingle Slate & Sheathing Company, Ambler, Pa. Artificial slate and artificial lumber.	64,829	Aug. 27	129	3495
Asbestos Shingle Slate & Sheathing Company, Ambler, Pa. Asbestos-composition shingles, slate, and sheathing.	65,862	Oct. 29	130	2713
Aschenbach & Miller, Incorporated, Philadelphia, Pa. Remedy for certain named diseases.	59,179	Jan. 1	126	381
Aschenbach & Miller Incorporated, Philadelphia, Pa. Bitters.	59,531	Jan. 8	126	753
Aschenbach & Miller Incorporated, Philadelphia, Pa. Salve.	59,552	Jan. 8	126	753
Aschenbach & Miller Incorporated, Philadelphia, Pa. Bitters.	65,957	Nov. 5	131	353
Aseptic Drinking Cup Co., Cambridge, Mass. Paper drinking-cups.	59,834	Jan. 22	126	1347
Ashaway Line & Twine Mfg. Co., Ashaway, R. I. Fish-lines.	59,016	Jan. 1	126	377
Ashepoo Fertilizer Company, Charleston, S. C. Fertilizers.	59,956	Jan. 22	126	1350
Ashepoo Fertilizer Company, Charleston, S. C. Fertilizers.	61,504	Mar. 26	127	1572
Ashepoo Fertilizer Company, Charleston, S. C. Fertilizers.	66,715	Dec. 24	131	2140
Ashton, Hoare & Coy, Limited, Manchester, England. Unbleached cotton piece goods.	60,403	Feb. 5	126	2185
Ashton Valve Company, Boston, Mass. Pressure-gages, vacuum-gages, revolution-counters, and stroke-counters.	65,330	Sept. 17	130	973
Ashton Valve Company, Boston, Mass. Valves.	65,468	Oct. 8	130	1681
Associated Portland Cement Manufactures (1900), Limited, London, England. Portland cement.	62,502	May 14	128	879
Associated Shoe Company, Boston, Mass. Oil blackings, paste blackings, shoe-dressings, and leather-dressings.	66,018	Nov. 5	131	354
Associated Shoe Company, Hartford, Conn., and Boston, Mass. Certain footwear.	66,494	Dec. 10	131	1681
Astoria Chemical Company, New York, N. Y. Laundry wax.	63,750	July 9	129	863
Astrom, John, Milwaukee, Wis. Signaling apparatus.	63,255	June 11	128	2524
Athanassiades Sons, J. E., New York, N. Y. Olive-oils.	61,215	Mar. 12	127	841
Atkins, Henry W., Boston, Mass. Certain headwear.	63,669	July 2	129	474
Atkinson, Mentzer & Grover, Chicago, Ill. Matting.	61,477	Mar. 26	127	1571
Atlanta Spring Bed Co., Atlanta, Ga. Spring-bottoms for beds.	64,957	Sept. 3	130	293
Atlantic Cotton Mills, Lawrence, Mass. Cotton piece goods and blankets.	65,061	Sept. 3	130	295
Atlantic Export Company, New York, N. Y. Cattle food.	60,269	Feb. 5	126	2181
Atlantic Export Company, New York, N. Y. Dried brewers' grain.	60,853	Feb. 26	126	3415

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Atlantic Export Company, New York, N. Y. Dried brewers' grain.....	60,854	Feb. 26	126	3415
Atlantic Export Company, New York, N. Y. Brewers' grain.....	61,071	Mar. 5	127	386
Atlantic Refining Company, Franklin and Philadelphia, Pa. Lubricating-oils.....	61,283	Mar. 12	127	842
Atlantic Refining Company, Franklin and Philadelphia, Pa. Lubricating-oils.....	61,284	Mar. 12	127	843
Atlantic Refining Company, Franklin and Philadelphia, Pa. Lubricating-oils.....	62,389	May 7	128	449
Atlantic Refining Company, Franklin and Philadelphia, Pa. Lubricating-oils.....	63,160	June 11	128	2521
Atlantic Starch Works, Westport, Conn. Wheat-starch for laundry use.....	62,088	Apr. 16	127	2812
Atlantic Vineyard and Wine Co., Egg Harbor City, N. J. Wines.....	63,902	July 16	129	1261
Atlas Engine Works, Indianapolis, Ind. Steam-engines and gasolene-engines.....	59,342	Jan. 8	126	748
Atlas Engine Works, Indianapolis, Ind. Steam-boilers.....	59,692	Jan. 15	126	1057
Atlas Manufacturing Company, Hampton, N. H. Folding boxes.....	59,596	Jan. 15	126	1055
Atlas Paint Manufacturing Co., Minneapolis, Minn. Mixed paints and paste paints.....	65,430	Sept. 24	130	1305
Atlas Portland Cement Company, Northampton, Pa. Hydraulic and other building cement.....	60,302	Feb. 5	126	2182
Atlas Portland Cement Company, Northampton, Pa. Hydraulic and other building cement.....	62,494	May 7	128	452
Atlas School Supply Co., Chicago, Ill. Maps, charts, outlines, and science tablets.....	63,693	July 2	129	475
Atlas Specialty Company, Buffalo, N. Y. Dressings for machine-belts.....	59,082	Jan. 1	126	378
Atlas Specialty Company, Buffalo, N. Y. Preparations for cleaning and polishing furniture and woodwork.....	61,106	Mar. 5	127	387
Atuyer, Bianchini, F��rier & Cie., Lyon, France. Certain textiles.....	65,267	Sept. 17	130	972
Atwell, Eli, Mountain Dale, N. Y. Talcum toilet powder and massage-cream.....	62,101	Apr. 16	127	2812
Atwell, Eli, Mountain Dale, N. Y. Corn cure, spavin cure, and liquid court-plaster.....	62,375	Apr. 30	127	3638
Aubeuf, Frank J., Oneida, N. Y. Hand-carts.....	62,443	May 7	128	450
Aubeuf, Frank J., Oneida, N. Y. Hand-carts.....	62,444	May 7	128	450
Auerbach, Meyer, New York, N. Y. Financial and commercial newspaper.....	66,064	Nov. 5	131	356
Auerbach & Sons, D., New York, N. Y. Candies, chocolates, and bonbons.....	59,902	Jan. 22	126	1349
August Kress Company, New York, N. Y. Canned meat.....	66,379	Nov. 26	131	1155
August Schell Brewing Company, New Ulm, Minn. Malt tonic.....	65,160	Sept. 10	130	650
Augustus Wright Company, Petersburg, Va. Leather shoes.....	59,240	Jan. 1	126	383
Aurora Automatic Machinery Company, Aurora, Ill. Bicycles and parts thereof.....	60,006	Jan. 22	126	1352
Aurora Brewing Company, Aurora, Ill. Beer.....	59,733	Jan. 15	126	1058
Ausable Horse Nail Company, Keeseville, N. Y. Horse-nails.....	59,957	Jan. 22	126	1350
Ausable Horse Nail Company, Keeseville, N. Y. Horse-nails.....	59,969	Jan. 22	126	1351
Ausable Horse Nail Company, Keeseville, N. Y. Horse-nails.....	60,807	Feb. 19	126	3037
Ausable Horse Nail Company, Keeseville, N. Y. Horse-nails.....	60,808	Feb. 19	126	3037
Austin, Albert W., Pittsburg, Pa. Antiseptic cleanser for artificial teeth.....	61,231	Mar. 12	127	841
Austin Biscuit Company, Chelsea, Mass. Biscuit.....	63,427	June 18	128	2831
Austin Clothing Company, Memphis, Tenn. Overcoats, coats, vests, pants, and overalls.....	64,436	Aug. 6	129	2496
Austin, Josiah B., San Diego, Cal. Hair-tonics.....	63,921	July 16	129	1262
Austin-Walker M'fg. Co., Boston, Mass. Dress-shields.....	60,952	Feb. 26	126	3417
Auto Radium Co., East Cleveland, Ohio. Composition for purifying water.....	66,781	Dec. 31	131	2412
Auto Strop Safety Razor Co., New York, N. Y. Razors and razor-blades.....	60,748	Feb. 19	126	3036
Autotone Company, New York, N. Y. Self-playing pianos and self-playing organs.....	63,743	July 9	129	863
Avery Manufacturing Company, Peoria, Ill. Portable engines and traction-engines.....	64,009	July 16	129	1264
Avery Manufacturing Company, Peoria, Ill. Threshing and grain-separating machinery.....	64,026	July 23	129	1603
Avery Manufacturing Company, Peoria, Ill. Threshing and grain-separating machines.....	64,159	July 30	129	2067
Avery Manufacturing Company, Peoria, Ill. Portable engines and traction-engines.....	64,160	July 30	129	2067
Axel Bagge & Co., Gothenburg, Sweden. Arrac punch.....	62,194	Apr. 23	127	3210
Axton Fisher Tobacco Company, Louisville, Ky. Twist-tobacco for smoking and chewing.....	64,271	July 30	129	2070
Axton-Fisher Tobacco Company, Louisville, Ky. Twist-tobacco for smoking and chewing.....	64,978	Sept. 3	130	293
Aydelott, Anna C., McKenzie, Tenn. Hair-tonics, face-powder, perspiration-powder, talcum powder, and bath-powder.....	66,736	Dec. 24	131	2140
Ayers-Young Hat Co., Pittsburg, Pa. Certain headwear.....	64,581	Aug. 13	129	2853
Ayers-Young Hat Co., Pittsburg, Pa. Certain headwear.....	64,603	Aug. 13	129	2854
Aymond, John P. W. S., Bunkie, La. Remedy for affections and diseases of the eye.....	63,413	June 18	128	2831
Azie Manufacturing Company, North Adams, Mich. Non-abrasive scouring-powder.....	66,704	Dec. 24	131	2139
B. Lawrence Stationery Company, New York, N. Y. Punches having a cutting edge.....	65,715	Oct. 22	130	2365
B. A. Corbin & Son Company, Webster, Mass. Leather boots and shoes.....	63,114	June 4	128	2081
B. F. Goodrich Company, Akron, Ohio. Certain belting, hose, and machinery packing.....	61,245	Mar. 12	127	841
B. F. Goodrich Company, Akron, Ohio. Belting and hose.....	64,996	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Belting.....	64,997	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Belting.....	64,998	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Belting.....	64,999	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Belting.....	65,000	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Hose.....	65,001	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Hose.....	65,002	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Hose.....	65,003	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Hose.....	65,004	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Hose.....	65,005	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Hose.....	65,006	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Hose.....	65,007	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Hose.....	65,008	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Hose.....	65,009	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Hose.....	65,010	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Hose.....	65,011	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Hose.....	65,012	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Hose.....	65,013	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Hose.....	65,014	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Hose.....	65,015	Sept. 3	130	294
B. F. Goodrich Company, Akron, Ohio. Certain hose.....	65,410	Sept. 24	130	1304
B. F. Goodrich Company, Akron, Ohio. Certain hose.....	65,411	Sept. 24	130	1304
B. F. Goodrich Company, Akron, Ohio. Certain hose.....	65,412	Sept. 24	130	1304
B. F. Goodrich Company, Akron, Ohio. Certain hose.....	65,413	Sept. 24	130	1304
B. F. Goodrich Company, Akron, Ohio. Certain hose.....	65,414	Sept. 24	130	1304
B. F. Goodrich Company, Akron, Ohio. Certain hose.....	65,415	Sept. 24	130	1304
B. F. Goodrich Company, Akron, Ohio. Certain hose.....	65,416	Sept. 24	130	1305
B. F. Goodrich Company, Akron, Ohio. Certain hose.....	65,417	Sept. 24	130	1305
B. F. Goodrich Company, Akron, Ohio. Certain hose.....	65,418	Sept. 24	130	1305
B. F. Goodrich Company, Akron, Ohio. Certain machinery packing.....	65,419	Sept. 24	130	1305
B. F. Goodrich Company, Akron, Ohio. Certain machinery packing.....	65,420	Sept. 24	130	1305
B. F. Goodrich Company, Akron, Ohio. Certain machinery packing.....	65,421	Sept. 24	130	1305
B. F. Goodrich Company, Akron, Ohio. Certain pneumatic tires.....	65,422	Sept. 24	130	1305
B. F. Goodrich Company, Akron, Ohio. Certain pencil-erasers.....	65,423	Sept. 24	130	1305
B. F. Goodrich Company, Akron, Ohio. Certain pencil-erasers.....	65,424	Sept. 24	130	1305
B. F. Goodrich Company, Akron, Ohio. Syringes.....	65,425	Sept. 24	130	1305
B. F. Goodrich Company, Akron, Ohio. Syringes.....	65,426	Sept. 24	130	1305
B. F. Goodrich Company, Akron, Ohio. Certain machinery packing.....	65,469	Oct. 8	130	1681

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B. F. Goodrich Company, Akron, Ohio. Certain machinery packing.....	65,470	Oct. 8	130	1681
B. F. Goodrich Company, Akron, Ohio. Dental rubber.....	65,618	Oct. 15	130	2061
B. F. Goodrich Company, Akron, Ohio. Dental dam.....	65,619	Oct. 15	130	2061
B. F. Goodrich Company, Akron, Ohio. Infant-pacifiers.....	65,665	Oct. 15	130	2062
B. F. Goodrich Company, Akron, Ohio. Rubber water-bottles.....	65,666	Oct. 15	130	2062
B. F. Goodrich Company, Akron, Ohio. Rubber water-bottles.....	65,667	Oct. 15	130	2062
B. F. Goodrich Company, Akron, Ohio. Golf-balls.....	65,668	Oct. 15	130	2062
B. F. Goodrich Company, Akron, Ohio. Machinery packing.....	66,351	Nov. 26	131	1155
B. F. Goodrich Company, Akron, Ohio. Certain medical and surgical appliances and instruments.....	66,653	Dec. 17	131	1937
B. S. Flersheim Mercantile Co., Kansas City, Mo. Whisky, brandy, and gin.....	66,574	Dec. 10	131	1683
B. T. Babbitt Inc., New York, N. Y. Toilet soaps.....	66,380	Nov. 26	131	1155
Babcock, Mary L., New York, N. Y. Perfumeries, triple extract, toilet water, toilet or talcum powder.....	64,674	Aug. 20	129	3153
Bach Bros. & Katzenstein, New York, N. Y. Certain table-covers, scarfs, centerpieces, and doilies.....	59,427	Jan. 8	126	750
Bachert, Philip, Buffalo, N. Y. Coffee extract or essence.....	65,388	Sept. 24	130	1304
Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany. Certain chemicals.....	60,440	Feb. 5	126	2186
Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.....	60,763	Feb. 19	126	3036
Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.....	63,161	June 11	128	2521
Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.....	63,162	June 11	128	2521
Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Chemicals used in reducing, discharging, and bleaching.....	63,256	June 11	128	2524
Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff.....	63,257	June 11	128	2524
Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Dyestuff and chemicals used in reducing, discharging, and bleaching.....	63,258	June 11	128	2524
Badische Anilin & Soda Fabrik, Ludwigshafen-on-the-Rhine, Germany. Certain chemicals.....	63,303	June 11	128	2525
Baekeland, Leo H., Yonkers, N. Y. Certain paints and painters' materials.....	63,259	June 11	128	2524
Baer Bros., New York, N. Y. Bronze-powders.....	59,693	Jan. 15	126	1057
Baer Bros., New York, N. Y. Aluminium-bronze powder.....	59,694	Jan. 15	126	1057
Baer Bros., New York, N. Y. Paints, enamels, and bronze-powders.....	59,868	Jan. 22	126	1348
Bailly & Cie., P., Paris, France. Shoulder-braces and suspenders.....	63,356	June 18	128	2829
Bailly & Cie., P., Paris, France. Shoulder-braces and suspenders.....	63,357	June 18	128	2829
Bain, John B., New Concord, Ohio. Stogies.....	62,826	May 28	128	1682
Baird-Banks Mfg. & Supply Co., New York, N. Y. Gasolene-motors and parts of same, excepting electrical apparatus.....	63,848	July 9	129	865
Baird & Co., New York, N. Y. Gin.....	64,126	July 23	129	1605
Baird & Co., New York, N. Y. Scotch whisky.....	64,127	July 23	129	1605
Baird, William, Cambridge Springs, Pa. Mineral water.....	65,431	Sept. 24	130	1305
Baird, William, Cambridge Springs, Pa. Mineral water.....	65,432	Sept. 24	130	1305
Baker & Company, Minneapolis, Minn. Coffee and tea.....	65,389	Sept. 24	130	1304
Baker & Company, Minneapolis, Minn. Coffee.....	65,520	Oct. 8	130	1682
Baker Extract Company, Portland, Me., and Springfield, Mass. Flavoring extracts.....	66,403	Nov. 26	131	1156
Baker, Geo. H., New Haven, Conn. Varnish-like preservative for linoleum, oil-cloth, and the like material.....	60,250	Feb. 5	126	2181
Baker, Geo. H., New Haven, Conn. Varnish-like preservative for linoleum, oil-cloth, and like materials.....	61,464	Mar. 26	127	1571
Baker, Jonathan, Buffalo, N. Y. Certain medicinal compound.....	64,253	July 30	129	2069
Baker Manufacturing Company, Evansville, Wis. Windmills.....	65,606	Oct. 8	130	1684
Baker & Sons Co., J. R., Kendallville, Ind. Eaves-trough hangers.....	61,639	Apr. 2	127	1985
Baker, William A., Toledo, Ohio. Measuring-machines for remote temperature reading and recording.....	65,315	Sept. 17	130	973
Baker, William H., Winchester, Va. Chocolate.....	61,216	Mar. 12	127	841
Balch, Frank O., Chicago, Ill. Magazine or periodical.....	60,184	Jan. 29	126	1770
Baldwin Refrigerator Co., Burlington, Vt. Refrigerators.....	65,521	Oct. 8	130	1682
Baldwin Refrigerator Co., Burlington, Vt. Refrigerators.....	65,762	Oct. 22	130	2366
Baldwin Refrigerator Co., Burlington, Vt. Refrigerators and ice-boxes.....	65,763	Oct. 22	130	2366
Baldwin Refrigerator Co., Burlington, Vt. Refrigerators.....	65,764	Oct. 22	130	2366
Baldwin Refrigerator Co., Burlington, Vt. Refrigerators and ice-boxes.....	65,765	Oct. 22	130	2366
Baldwins Limited, Wilden Iron Works, near Stourport, England. Tin, terne, leaded, and black sheets.....	66,065	Nov. 5	131	356
Baldwins Limited, Wilden Iron Works, near Stourport, England. Tin plates.....	66,066	Nov. 5	131	356
Balfour, Guthrie & Co., San Francisco, Cal. Canned, dried, and fresh fruits.....	65,039	Sept. 3	130	295
Ball Bros. Glass Mfg. Co., Muncie, Ind. Fruit or preserving jars.....	61,527	Mar. 26	127	1572
Ball Chemical Co., Allegheny, Pa. Certain painters' materials.....	62,503	May 14	128	879
Ball, Webster C., Cleveland, Ohio. Watches.....	59,461	Jan. 8	126	751
Ball, Webster C., Cleveland, Ohio. Watches.....	59,462	Jan. 8	126	751
Ball, Webster C., Cleveland, Ohio. Watches.....	60,374	Feb. 5	126	2184
Ball, Webster C., Cleveland, Ohio. Clocks and watch-movements.....	64,718	Aug. 20	129	3154
Ballard & Ballard Company, Louisville, Ky. Wheat-flour.....	59,302	Jan. 8	126	747
Ballerstein & Company, R., Hartford, Conn. Ribbons and silk and velvet dress goods.....	62,390	May 7	128	449
Baltar, Joseph T., New Orleans, La. Rheumatic and gout medicines.....	61,005	Feb. 26	126	3419
Baltimore Umbrella Manufacturing Company, Baltimore, Md. Canes, parasols, and umbrellas.....	65,390	Sept. 24	130	1304
Balucinski, Tadeus G., Buffalo, N. Y. Salves.....	62,445	May 7	128	450
Balucinski, Tadeus G., Buffalo, N. Y. Salves.....	62,446	May 7	128	450
Bamberger & Company, New York, N. Y. Certain clothing.....	62,143	Apr. 23	127	3209
Bangor Roofing Slate Manufacturers Association, Bangor, Pa. Roofing-slate.....	61,040	Mar. 5	127	385
Bank Safe Protection Co., Jerseyville, Ill. Certain named chemicals.....	60,385	Feb. 5	126	2184
Banks, Willard N., New York, N. Y. Tea.....	65,255	Sept. 17	130	971
Banta & Son, F. J., Lima, Ohio. Chewing-gum.....	59,656	Jan. 15	126	1056
Barber Asphalt Paving Company, Philadelphia, Pa. Bituminous concrete pavements.....	63,140	June 11	128	2521
Barber, H. Clark. (See Smith, William F., assignor.)				
Barbut & Garro, Nice, France. Olive-oil.....	64,059	July 23	129	1604
Barclay & Barclay, New York, N. Y. Medicated preparation for the hair, scalp, and skin.....	60,825	Feb. 19	126	3038
Barclay & Barclay, New York, N. Y. Certain named medicinal and toilet preparations.....	61,232	Mar. 12	127	841
Barclay & Barclay, New York, N. Y. Soap for toilet and medicinal purposes.....	61,285	Mar. 12	127	843
Barclay & Barclay, New York, N. Y. Soap.....	61,286	Mar. 12	127	843
Barclay & Barclay, New York, N. Y. Toilet and medicinal soaps.....	65,193	Sept. 10	130	651
Barella, P. F. W., Berlin, Germany. Stomachic powder.....	59,180	Jan. 1	126	381
Barella, P. F. W., Berlin, Germany. Stomachic powder.....	59,509	Jan. 8	126	752
Barke & Company, Philadelphia, Pa. Leather shoes.....	65,933	Oct. 29	130	2715
Barker, Mary S., New York, N. Y. Hair-tonic.....	62,447	May 7	128	450
Barlow, William H., Barnesville, Ohio. Cigars.....	60,503	Feb. 12	126	2582
Barnes, Junius, Burlington, Vt. Liniment for external use.....	59,553	Jan. 8	126	753
Barnhart Brothers & Spindler, Chicago, Ill. Type.....	61,505	Mar. 26	127	1572
Barrenpohl, Charles J., New York, N. Y. Cleaning and polishing compound.....	59,657	Jan. 15	126	1056
Barrett Manufacturing Company, New York, N. Y. Tarry coating for roads and other surfaces.....	59,151	Jan. 1	126	380
Barrett Manufacturing Company, New York, N. Y. Ready tar and felt roofing.....	60,639	Feb. 19	126	3034

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Barrett Manufacturing Company, New York, N. Y. Roofing and sheathing felt.....	61,627	Apr. 2	127	1985
Barrett Manufacturing Company, New York, N. Y. Deadening-felt for use in the construction of buildings.....	62,504	May 14	128	879
Barrett Manufacturing Company, New York, N. Y. Coal-tar pitch.....	62,608	May 14	128	882
Barrett Manufacturing Company, New York, N. Y. Sheathing-paper for use in the construction of buildings.....	62,774	May 28	128	1681
Barrett Manufacturing Company, New York, N. Y. Roofing, sheathing, and building paper.....	64,835	Aug. 27	129	3495
Barrett Manufacturing Company, New York, N. Y. Roofing, sheathing, and building paper.....	65,091	Sept. 10	130	649
Barrett Manufacturing Company, New York, N. Y. Roofing, sheathing, and building paper.....	65,237	Sept. 17	130	971
Barrett-Palmer Company, New York, N. Y. Chemical composition for treating fluid hydrocarbons.....	63,751	July 9	129	863
Barry & Co., T. D., Brockton, Mass. Leather boots and shoes.....	59,397	Jan. 8	126	749
Barry, Margaret, St. Louis, Mo. Corsets.....	62,391	May 7	128	449
Bartel, Louis W., St. Louis, Mo. Cold-cream, massage-cream, and toilet cream.....	66,737	Dec. 24	131	2140
Bartholomay Brewery Company, Rochester, N. Y. Ale.....	64,099	July 23	129	1605
Bartholomay Brewery Company, Rochester, N. Y. Beer and ale.....	64,188	July 30	129	2067
Bartlett, George E., Boston, Mass. Leather shoes.....	64,958	Sept. 3	130	293
Barton Vineyard Company, Limited, Fresno, Cal. Brandy.....	66,617	Dec. 17	131	1936
Barton Vineyard Company, Limited, Fresno, Cal. Certain wines.....	66,618	Dec. 17	131	1936
Basilea & Calandra, New York, N. Y. Olive-oil.....	63,513	June 25	128	3282
Bass, E. & J., New York, N. Y. Silver-plated jewelry, toilet ware, hollow ware, and flat ware.....	62,319	Apr. 30	127	3637
Bass Huefer Paint Co., Southern California Branch, Los Angeles, Cal. Lubricating-oils.....	65,433	Sept. 24	130	1305
Batchelder, Mark D., Peoria, Ill. Ginger-ale and root-beer.....	66,132	Nov. 12	131	686
Bates & Bacon, Attleboro, Mass. Chains.....	66,654	Dec. 17	131	1937
Bates & Co., J. E., New York, N. Y. Leather boots and shoes.....	59,532	Jan. 8	126	753
Bates Street Shirt Co., Lewiston, Me. Men's cotton, linen, and silk fabric overshirts.....	63,358	June 18	128	2830
Batman, William H., Topeka, Kans. Chocolate-cream candy.....	61,817	Apr. 9	127	2387
Battle & Co., Chemists' Corporation, St. Louis, Mo. Anodyne.....	63,428	June 18	128	2831
Battle & Co., Chemists' Corporation, St. Louis, Mo. Chemical or medical preparation used as an alternative.....	63,429	June 18	128	2831
Battle & Co., Chemists' Corporation, St. Louis, Mo. Chemical or medical preparation used as a hypnotic.....	63,430	June 18	128	2831
Battle & Co., Chemists' Corporation, St. Louis, Mo. Antipurulent.....	63,431	June 18	128	2831
Bauer & Black, Chicago, Ill. Corn and bunion plasters.....	61,694	Apr. 2	127	1986
Bauer & Black, Chicago, Ill. Corn and bunion plasters.....	61,937	Apr. 9	127	2390
Bauer, Emory L., New York, N. Y. Proprietary medicine.....	62,277	Apr. 30	127	3636
Baugh & Sons Company, Philadelphia, Pa. Bone phosphate.....	63,359	June 18	128	2830
Baum, Cohen and Shire, New York, N. Y. Belts.....	63,514	June 25	128	3282
Baume, Frank D., Philadelphia, Pa. Non-alcoholic carbonated beverages and syrups for making the same.....	59,835	Jan. 22	126	1347
Baumert & Company, F. X., New York, N. Y. Cheese.....	60,251	Feb. 5	126	2181
Baumert & Company, F. X., New York, N. Y. Cheese.....	60,289	Feb. 5	126	2182
Baxter & Bro., H. C., Brunswick, Me. Canned lobster.....	61,695	Apr. 2	127	1987
Baxter & Bro., H. C., Brunswick, Me. Canned lobster.....	61,723	Apr. 2	127	1987
Baxter & Bro., H. C., Brunswick, Me. Canned lobster.....	61,989	Apr. 16	127	2809
Bay State Corset Co., Springfield, Mass. Corsets.....	62,767	May 21	128	1288
Bay State Milling Co., Winona, Minn., and Boston, Mass. Wheat-flour.....	64,060	July 23	129	1604
Bay State Milling Company, Winona, Minn. Wheat-flour.....	65,135	Sept. 10	130	650
Bay State Shoe & Leather Co., Worcester, Mass. Leather boots and shoes.....	62,125	Apr. 23	127	3209
Bay View Wine Co., Sandusky, Ohio. Bitters.....	62,216	Apr. 23	127	3211
Bay View Wine Co., Sandusky, Ohio. Whisky.....	62,827	May 28	128	1682
Bayer és Társa, Dr., Budapest, Austria-Hungary. Cathartics.....	59,289	Jan. 1	126	384
Bayer, J. G., (a firm.) Nuremberg, Germany. Float-lights.....	64,331	Aug. 6	129	2493
Bayer, Max L., Dayton, Ohio. Whisky.....	65,920	Oct. 29	130	2715
Bayle, Geo. A., St. Louis, Mo. Vending-machines.....	65,368	Sept. 24	130	1303
Beach and Clarridge Company, Boston, Mass. Syrups.....	61,826	Apr. 9	127	2387
Beach and Clarridge Company, Boston, Mass. Jams.....	61,827	Apr. 9	127	2387
Beacon Manufacturing Co., Providence, R. I. Blankets, comfortables, and eiderdown piece goods.....	62,895	May 28	128	1684
Beal, Samuel R., Adrian, Mich. Card game.....	60,891	Feb. 26	126	3416
Beane, Chester H., Gardiner, Me. Preparation for treatment of disorders of the kidneys.....	62,609	May 14	128	882
Bear Lithia Springs Co., Jersey City, N. J., and New York, N. Y. Bottled mineral water.....	64,810	Aug. 20	129	3157
Beaumont & Fils, S., Roubaix, France. Metal hair-pins.....	59,017	Jan. 1	126	377
Beaver Manufacturing Company, Buffalo, N. Y. Wall-board and building-paper.....	62,089	Apr. 16	127	2812
Becker Bros. & Co., New York, N. Y. Furs and skins.....	66,037	Nov. 5	131	355
Beckley-Ralston Company, Chicago, Ill. Bicycles.....	60,826	Feb. 19	126	3038
Beckwith Leather Co., Chadwicks, N. Y. Chrome and bark tanned calf, colt, and kid skins.....	60,749	Feb. 19	126	3036
Bedford-Willis Company, Boston, Mass. Knit underwear.....	62,676	May 21	128	1286
Bee, Henry C., Lowell, Mass. Paste used for filling defects in leather articles.....	59,734	Jan. 15	126	1058
Beebe, Frances J., Spokane, Wash. Cereal-food coffee.....	60,643	Feb. 19	126	3033
Beech Hill Distilling Co., Cincinnati, Ohio. Whisky.....	59,533	Jan. 8	126	753
Beekman Sanitary Specialty Co., New York, N. Y. Mercury gas-testing gages.....	60,155	Jan. 29	126	1769
Beeler, Frank A., Pleasant Hill, Mo. Powder used in the manufacture of ice-cream and ices.....	62,677	May 21	128	1286
Beers, Elmer W., Baltimore, Md. Game played with cards.....	59,344	Jan. 8	126	748
Begy, Joseph A., Rochester, N. Y. Remedies for diseases peculiar to women.....	64,254	July 30	129	2069
Behringwerk, Marburg, Germany. Remedy for tuberculosis.....	63,432	June 18	128	2832
Beiersdorf & Co., P., Hamburg, Germany. Tooth-paste and tooth-powder.....	61,678	Apr. 2	127	1986
Beiersdorf & Co., P., Hamburg, Germany. Collapsible tubes.....	66,829	Dec. 31	131	2412
Belber Trunk & Bag Co., Philadelphia, Pa. Wooden trunks.....	63,515	June 25	128	3282
Bell Company. (See Wedgetuth, Louis C., assignor.)				
Bell, Leonzo V., Jacksonville, Fla. Tonic compound of roots, herbs, and barks.....	60,185	Jan. 29	126	1770
Bell Mfg. Co., St. Louis, Mo. Shoe-polish.....	59,428	Jan. 8	126	750
Bench and Bar Company, New York, N. Y. Monthly magazine for lawyers.....	63,516	June 25	128	3282
Benda, George, New York, N. Y. Gold paint.....	64,416	Aug. 6	129	2495
Benda, George, New York, N. Y. Gold paint.....	64,417	Aug. 6	129	2495
Bendix, Henry, Richmond, Va. Yeast.....	60,059	Jan. 29	126	1767
Bendzick, Henry W., Spokane, Wash. Liquid clothes-cleaner.....	63,622	July 2	129	473
Benedictus, Weill & Company, New York, N. Y. Chiffon.....	59,153	Jan. 1	126	380
Benedictus, Weill & Company, New York, N. Y. Crape.....	62,849	May 28	128	1683
Benedictus, Weill & Company, New York, N. Y. Malines and netted fabrics.....	63,042	June 4	128	2079
Benedictus, Weill & Company, New York, N. Y. Net veillings.....	63,043	June 4	128	2079
Benedictus, Weill & Company, New York, N. Y. Netted veillings and net piece goods.....	65,316	Sept. 17	130	973
Bengué, Jules, Paris, France. Balsams, purgatives, pastils, and anesthetics.....	66,633	Dec. 17	131	1936
Benjamin Hobart Company, Whitman, Mass. Nails.....	64,347	Aug. 6	129	2493
Benjamin Moore & Company, New York, N. Y. Dry and mixed paints and pigment colors.....	63,466	June 25	128	3281
Benjamin Moore & Company, Brooklyn, N. Y. Putty.....	63,992	July 16	129	1263
Benner, Eliza A., New Paris, Ohio. Solidified cementitious burial-vaults.....	62,102	Apr. 16	127	2812

Alphabetical list of registrants of trade-marks—Continued.

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Bennett, Richard B., Belmar, N. J. Hair- tonic.....	59,241	Jan. 1	126	380
Bensmann, Hermann, Bremen, Germany. Insecticides.....	61,246	Mar. 12	127	842
Bentley & Olmsted Company, Des Moines, Iowa. Leather boots and shoes.....	63,849	July 9	129	865
Bentley and Olmsted Company, Des Moines, Iowa. Leather boots and shoes.....	64,348	Aug. 6	129	2493
Bentley & Olmsted Company, Des Moines, Iowa. Leather boots and shoes.....	64,539	Aug. 13	129	2852
Bentley & Olmsted Company, Des Moines, Iowa. Leather boots and shoes.....	65,986	Nov. 5	131	353
Bentley & Olmsted Company, Des Moines, Iowa. Leather shoes.....	66,495	Dec. 10	131	1681
Benton, Hall & Co., Cleveland, Ohio. Flavorings for soda-water and like beverages.....	66,381	Nov. 26	131	1155
Benzorose Company, New York, N. Y. Toilet cream, lotion, or powder.....	63,973	July 16	129	1263
Berg Medicine Company, Des Moines, Iowa. Certain remedies and tonics.....	66,738	Dec. 24	131	2140
Bergen Canning Co., Bergen, Norway. Canned smoked sardines.....	64,719	Aug. 20	129	3154
Bergens Varmrogeri Molt & Co., Bergen, Norway. Canned, smoked, pickled, and preserved fish.....	63,414	June 18	128	2831
Bergens Varmrogeri Molt & Co., Bergen, Norway. Canned, smoked, pickled, and preserved fish.....	63,484	June 25	128	3281
Bergens Varmrogeri Molt & Co., Bergen, Norway. Canned fish and smoked fish.....	64,100	July 23	129	1605
Bergeron, Louis R., Fall River, Mass. Bread.....	61,551	Mar. 26	127	1573
Bering-Cortes Hardware Co., Houston, Tex. Hand-tools having cutting edges.....	65,716	Oct. 22	130	2365
Berkele, Henry, New York, N. Y. Razors.....	66,496	Dec. 10	131	1681
Berkowitz, Armin, Hamilton, Ohio. Whisky.....	64,377	Aug. 6	129	2494
Berman, Clara, Philadelphia, Pa. Corn-salve.....	65,731	Oct. 22	130	2365
Bermuda Green Vegetable Growers' Assn., Hamilton, Bermuda. Certain fresh vegetables.....	65,391	Sept. 24	130	1304
Bernudez, Domingo P., Philadelphia, Pa. Proprietary tonic medicines.....	63,776	July 9	129	864
Berner, Jacob S., Chicago, Ill. Laxative horse-pills.....	65,850	Oct. 29	130	2713
Bernese Alps Milk Co., Stalden, Emmenthal, Switzerland. Milk, cream, butter, and milk-powder.....	61,041	Mar. 5	127	385
Bernese Chocolate Works, Tobler & Co. Limited, Berne, Switzerland. Chocolate.....	63,415	June 18	128	2831
Bernheim Distilling Co. Inc., Louisville, Ky. Whisky.....	62,678	May 21	128	1286
Bernstein, Kaufman & Company, Philadelphia, Pa. Cravats.....	62,376	Apr. 30	127	3638
Bernstein, William, New York, N. Y. Leather boots, shoes, and slippers.....	64,959	Sept. 3	130	293
Berry Brothers, Limited, Detroit, Mich. Varnish.....	62,060	Apr. 16	127	2811
Berry Brothers, Limited, Detroit, Mich. Paint and varnish remover.....	63,327	June 18	128	2829
Berry Medical Company, Stevens Point, Wis. Medicine for the cure of rupture.....	62,896	May 28	128	1684
Berry, Washington, Chicago, Ill. Soaps.....	62,263	Apr. 30	127	3635
Berry & Whitmore Co., Washington, D. C. Certain named jewelry and precious stones.....	59,345	Jan. 8	126	748
Bertucci, Peter J., New Orleans, La. Cleaner and polisher for metal and glass.....	62,126	Apr. 23	127	3209
Berwind White Coal Mining Company, Philadelphia, Pa. Coal.....	60,916	Feb. 26	126	3416
Besly, Charles H., Chicago, Ill. Letter and document files.....	64,236	July 30	129	2070
Besly, Charles H., Chicago, Ill. Letter and document files.....	64,297	July 30	129	2070
Besly, Charles H., Chicago, Ill. Letter and document files.....	64,298	July 30	129	2070
Besly, Charles H., Chicago, Ill. Letter and document files.....	64,299	July 30	129	2070
Besly, Charles H., Chicago, Ill. Letter and document files.....	64,300	July 30	129	2070
Besly, Charles H., Chicago, Ill. Letter and document files.....	64,301	July 30	129	2071
Besly, Charles H., Chicago, Ill. Letter and document files.....	64,302	July 30	129	2071
Besly, Charles H., Chicago, Ill. Letter and document files.....	64,303	July 30	129	2071
Besly, Charles H., Chicago, Ill. Letter and document files.....	64,304	July 30	129	2071
Best Light Company, Canton, Ohio. Certain lamps and mantles.....	62,392	May 7	128	449
Besten & Langen, Louisville, Ky. Corsets.....	60,007	Jan. 22	126	1352
Beutell, Alfred W., London, England. Incandescent electric lamps and appliances and devices for mounting same.....	59,946	Jan. 22	126	1350
Beyea, David H., Brooklyn, N. Y. Salt cakes.....	60,156	Jan. 29	126	1769
Beyer & Williams Company, Buffalo, N. Y. Maternity-skirts.....	60,750	Feb. 19	126	3036
Bianchi, Jos., Toronto, Ontario, Canada. Animated and moving picture apparatus.....	66,545	Dec. 10	131	1682
Bianchi, Jos., Toronto, Ontario, Canada. Animated and moving picture apparatus.....	66,546	Dec. 10	131	1682
Bick, Harry, New York, N. Y. Laundry soap.....	62,061	Apr. 16	127	2811
Bickley, McClure & Co., Knoxville, Tenn. Boys' and men's coats, vests, and trousers.....	62,103	Apr. 16	127	2812
Bidtel Chemical Works, Jersey City, N. J. Certain chemical preparation.....	66,602	Dec. 17	131	1935
Big Four. (See Moore, Harrie G., assignor.).....				
Bigelow, Samuel A., trustee, Boston, Mass. Wooden handles for hand-tools.....	63,850	July 9	129	866
Bigelow, Samuel A., trustee, Boston, Mass. Certain edge-tools.....	63,889	July 9	129	867
Bigney, Sidney O., Attleboro, Mass. Filled chains of all kinds.....	65,016	Sept. 3	130	294
Bigourdan, Joseph, Bordeaux, France. Apricot-brandy.....	60,223	Jan. 29	126	1771
Billings Clapp Company, Boston, Mass. Olive-oil.....	64,418	Aug. 6	129	2495
Billings, Frederick C., Milwaukee, Wis. Flanges for piano-actions.....	66,133	Nov. 12	131	686
Billings, King & Co., New York, N. Y., and Boston, Mass. Paints and varnishes.....	60,504	Feb. 12	126	2582
Bing Burner Co., Minneapolis, Minn. Lamp-burners and parts thereof.....	59,429	Jan. 8	126	750
Bird & Co., J. A. & W., Boston, Mass. Chemical compound.....	62,090	Apr. 16	127	2812
Bird & Co., J. A. & W., Boston, Mass. Felt and paper for roofing and covering and for insulation against heat and cold.....	62,505	May 14	128	879
Bird & Co., J. A. & W., Boston, Mass. Certain felt and paper.....	64,349	Aug. 6	129	2493
Bird, Jones & Kenyon, Utica, N. Y. Certain clothing.....	65,268	Sept. 17	130	972
Birkenfeld, Strauss and Co., New York, N. Y. Combination-undergarments.....	65,900	Oct. 29	130	2714
Birkenfeld, Strauss and Co., New York, N. Y. Combination knitted and netted undergarments.....	65,934	Oct. 29	130	2715
Birmingham Iron Foundry, Derby, Conn. Rubber-mill machinery.....	65,935	Oct. 29	130	2715
Bischof, Sterne & Stein, Cincinnati, Ohio. Certain clothing.....	62,772	July 9	129	864
Bischoff, Ernst, New York, N. Y. Certain medicines.....	62,048	Apr. 16	127	2811
Bischoff, Ernst, New York, N. Y. Antiseptics, disinfectants, and germicides.....	62,091	Apr. 16	127	2812
Bischoff, Ernst, New York, N. Y. Certain chemicals.....	63,638	July 2	129	474
Bischoff, Ernst, New York, N. Y. Diuretic.....	64,272	July 30	129	2070
Bishop & Company, Los Angeles, Cal. Chocolate.....	62,448	May 7	128	450
Bisi & Caprini, Pittsburg, Pa. Olive-oil.....	59,303	Jan. 8	126	747
Bisi & Caprini, Pittsburg, Pa. Rye whisky.....	60,970	Feb. 26	126	3418
Bison Mfg. Co., Little Valley, N. Y. Razors, butcher-knives, kitchen-knives, and shoe-knives.....	60,122	Jan. 29	126	1768
Bissell Carpet Sweeper Co., Grand Rapids, Mich. Carpet-sweepers.....	60,505	Feb. 12	126	2582
Bissell Carpet Sweeper Co., Grand Rapids, Mich. Carpet-sweepers.....	60,506	Feb. 12	126	2582
Bissell Carpet Sweeper Co., Grand Rapids, Mich. Carpet-sweepers.....	60,507	Feb. 12	126	2582
Bissell Carpet Sweeper Co., Grand Rapids, Mich. Carpet-sweepers.....	60,508	Feb. 12	126	2582
Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet-sweepers.....	61,146	Mar. 5	127	388
Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet-sweepers.....	61,147	Mar. 5	127	388
Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet-sweepers.....	64,604	Aug. 13	129	2854
Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet-sweepers.....	66,818	Dec. 31	131	2412
Bissell, Williston W., Rochester, N. Y. Spectacle and eyeglass lenses.....	59,218	Jan. 1	126	382
Bissell, Williston W., Rochester, N. Y. Lenses for auto-goggles, spectacles, and eyeglasses.....	63,328	June 18	128	2829
Black Band Coal & Coke Co., Springfield, W. Va., and Cincinnati, Ohio. Coal.....	62,850	May 28	128	1683
Black Cat Garter Company Incorporated, Chicago, Ill. Hose-supporters.....	64,582	Aug. 13	129	2853
Black Cat Garter Company Incorporated, Chicago, Ill. Hose-supporters.....	64,583	Aug. 13	129	2853
Black Diamond Co., Chicago, Ill. Magazines.....	59,154	Jan. 1	126	380
Black Diamond Manufacturing Co., Cincinnati, Ohio. Roofing-paints.....	62,018	Apr. 16	127	2811
Black Diamond Manufacturing Company, Cincinnati, Ohio. Belt-dressings.....	64,512	Aug. 13	129	2851

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Black Hawk Coffee & Spice Company, Waterloo, Iowa. Spices.....	61,657	Apr. 2	127	1985
Black Hawk Coffee & Spice Company, Waterloo, Iowa. Baking-powder.....	61,724	Apr. 2	127	1987
Black Hawk Coffee & Spice Company, Waterloo, Iowa. Coffee and tea.....	64,540	Aug. 13	129	2852
Black Hills Brewing Co., Central City, S. D. Beer.....	66,855	Dec. 31	131	2413
Black, Marcus G., Mount Pleasant, Tex. Certain vegetable products.....	60,186	Jan. 29	126	1770
Black Silk Stove Polish Works, Sterling, Ill. Stove-polish.....	62,972	June 4	128	2077
Black Silk Stove Polish Works, Sterling, Ill. Stove-polish.....	62,973	June 4	128	2077
Blackman Stock Remedy Co., Chattanooga, Tenn. Medicated salt brick for live stock.....	62,467	May 7	128	451
Blair Camera Company, Portland, Me., and Rochester, assignor to Eastman Kodak Company, Rochester, N. Y. Cameras and camera-stands and tripods.....	64,979	Sept. 3	130	293
Blan, Jules, New York, N. Y. Liquid disinfectant and antiseptic preparation.....	66,782	Dec. 31	131	2411
Blanke-Baer Chemical Company, St. Louis, Mo. Flavoring extracts.....	61,063	Mar. 5	127	385
Blanke-Baer Chemical Company, St. Louis, Mo. Massage-cream and eczema cure.....	61,247	Mar. 12	127	842
Bliven & Carrington, Incorporated, New York, N. Y. Substitute for turpentine.....	59,720	Jan. 15	126	1058
Bloch, Dr. E., Basel, Switzerland. Local anesthetic.....	60,157	Jan. 29	126	1769
Block-Horn Preserving Co., Kansas City, Mo. Certain foods.....	66,281	Nov. 19	131	937
Block Light Company, New York, N. Y. Incandescent gas-burners.....	65,820	Oct. 22	130	2368
Block, Rudolph, New York, N. Y. Newspaper.....	60,158	Jan. 29	126	1769
Blodgett & Orswell Co., Pawtucket, R. I. Spool-cotton or sewing-thread.....	66,019	Nov. 5	131	354
Blodgett & Orswell Co., Pawtucket, R. I. Spool-cotton or sewing-thread.....	66,382	Nov. 26	131	1156
Blodgett & Orswell Co., Pawtucket, R. I. Spool-cotton or sewing-thread.....	66,383	Nov. 26	131	1156
Blodgett & Orswell Co., Pawtucket, R. I. Spool-cotton or sewing-thread.....	66,404	Nov. 26	131	1156
Blodgett & Orswell Co., Pawtucket, R. I. Spool-cotton or sewing-thread.....	66,465	Dec. 3	131	1417
Blondeau, Berque & Co., Rheims, France. Champagne.....	59,721	Jan. 15	126	1058
Blondeau, Berque & Co., Rheims, France. Champagne.....	61,868	Apr. 9	127	2389
Blood Balm Company, Atlanta, Ga. Remedy for blood diseases.....	62,679	May 21	128	1286
Blood Balm Company, Atlanta, Ga. Remedy for blood diseases.....	62,680	May 21	128	1286
Blood, W. H., Jr., Boston, Mass. Solder-paste.....	60,404	Feb. 5	126	2185
Bloomberg & Co., C., New York, N. Y. Suspenders, garters, and belts.....	64,189	July 30	129	2068
Bloomingdale Bros., New York, N. Y. Leather boots and shoes.....	64,771	Aug. 20	129	3156
Bloomingdale Bros., New York, N. Y. Certain medicinal preparations.....	65,732	Oct. 22	130	2365
Blount Carriage & Buggy Co., East Point, Ga. Open and top buggies and surreys.....	60,509	Feb. 12	126	2582
Blue Ribbon Mining, Milling, and Investment Co., Idaho Springs and Denver, Colo. Certain beverages.....	61,889	Apr. 9	127	2389
Blue Ribbon Mining, Milling, and Investment Co., Idaho Springs and Denver, Colo. Mineral waters, ginger-ale, root-beer, and natural laxative water.....	62,518	May 14	128	879
Blue Valley Creamery Company, St. Joseph, Mo., and Chicago, Ill. Butter.....	64,720	Aug. 20	129	3155
Blue Valley Creamery Company, St. Joseph, Mo., and Chicago, Ill. Butter.....	64,721	Aug. 20	129	3155
Bluing Paddle Co., Chicago, Ill. Laundry bluing.....	64,128	July 23	129	1605
Blum Company, New York, N. Y. Certain clothing.....	65,620	Oct. 15	130	2061
Blumenkrohn Crochet Button Works, New York, N. Y. Neckwear-supporters.....	66,541	Feb. 12	126	2583
Blumenthal, August, Hamburg, Germany. Portland cement.....	60,060	Jan. 29	126	1767
Blumenthal & Company, F., New York, N. Y. Leather.....	66,655	Dec. 17	131	1937
Blumenthal, Sigmund, New York, N. Y. Needle-threaders.....	64,584	Aug. 13	129	2853
Blumer, Arthur, La Varenne St. Hilaire, France. Corks.....	61,233	Mar. 12	127	841
Blunt, Harrison, Cambridge, Ill. Liniment for external and internal use.....	64,641	Aug. 13	129	2855
Bluthenthal & Bickart, Atlanta, Ga. Whisky.....	61,890	Apr. 9	127	2389
Bluthenthal & Bickart, Atlanta, Ga. Whisky and gin.....	66,791	Dec. 31	131	2411
Bluthenthal & Heilbronner, Memphis, Tenn. Whisky.....	59,571	Jan. 8	126	754
Board of Trustees of the American Marine Engineer, New York, N. Y. Monthly periodical.....	59,534	Jan. 8	126	753
Boardman, Arthur W., Boston, Mass. Leather shoes.....	64,912	Aug. 27	129	3497
Bodine, David M., Trenton, N. J. Pork-relish.....	61,618	Mar. 26	127	1575
Body Builders Medicine Co., Binghamton, N. Y. Laxative salts.....	59,773	Jan. 15	126	1060
Body Builders Medicine Company, Binghamton, N. Y. Kidney, liver, and blood remedies.....	66,261	Nov. 19	131	936
Boehm & Levine, New York, N. Y. Ladies' hoods.....	60,008	Jan. 22	126	1352
Boehm & Levine, New York, N. Y. Ladies' jabots made of netted and lace fabrics.....	66,321	Nov. 19	131	938
Boehme, Paul, Brooklyn, N. Y. Headache-powders.....	62,104	Apr. 16	127	2812
Boehring & Soehne, C. F., Mannheim-Waldhof, Germany, and New York, N. Y. Certain chemicals.....	65,161	Sept. 10	130	651
Boericke & Tafel, New York, N. Y.; Philadelphia, Pa.; Chicago, Ill.; Cincinnati, Ohio; Allegheny, Pa., and Baltimore, Md. Olive-oil.....	65,392	Sept. 24	130	1304
Boericke & Tafel, Philadelphia, Pa. Certain medicines.....	66,497	Dec. 10	131	1681
Boericke & Tafel, Philadelphia, Pa. Grape-juice.....	66,870	Dec. 31	131	2413
Böhrer Gebr. & Co. Aktiengesellschaft, Berlin, Germany. Cast-steel.....	61,598	Mar. 26	127	1574
Böhm, F. A., Untersachsenberg, Germany. Mouth-harmonicas.....	62,092	Apr. 16	127	2812
Böker & Co., Heintz, Solingen, Germany. Razors.....	64,378	Aug. 6	129	2494
Bomhard, Henry C., Milwaukee, Wis. Stove-polish.....	62,495	May 7	128	452
Bon-Bon Company, New York, N. Y. Chewing-gum.....	62,807	May 28	128	1682
Bond, Elijah J., Charlestown, W. Va. Game-boards.....	63,360	June 18	128	2830
Bonetti Frères, Paris, France. Alternative iodine compound.....	66,262	Nov. 19	131	936
Bonkocine Chemical Co., Kenton, Ohio. Preparation for treating venereal diseases.....	62,049	Apr. 16	127	2811
Bonnie Bros., Louisville, Ky. Whisky.....	59,463	Jan. 8	126	751
Bonsall, Seymour W., New York, N. Y. Candy made of popcorn and molasses.....	60,290	Feb. 5	126	2182
Bogher Force and Goodbar Hat Company, St. Louis, Mo. Men's wool, felt, and straw hats.....	60,009	Jan. 22	126	1352
Boord & Son (Incorporated), London, England. Gin, whisky, rum, brandy, and liqueurs.....	63,304	June 11	128	2525
Boos, George E., Seattle, Wash. Post-cards.....	64,101	July 23	129	1605
Booth's Hyomei Company, Buffalo, N. Y. Preparation for the cure of dyspepsia.....	61,921	Apr. 9	127	2390
Booth's Hyomei Company, Buffalo, N. Y. Remedy for certain diseases.....	62,035	Apr. 16	127	2810
Boots Pure Drug Company Limited, Nottingham, England. Medical preparations for the skin.....	62,681	May 21	128	1286
Boott Mills, Lowell, Mass. Cotton piece goods.....	61,368	Mar. 19	127	1248
Boott Mills, Lowell, Mass. Cotton piece goods.....	61,372	Mar. 19	127	1248
Boott Mills, Lowell, Mass. Cotton piece goods.....	61,373	Mar. 19	127	1248
Boott Mills, Lowell, Mass. Cotton piece goods.....	61,374	Mar. 19	127	1248
Boott Mills, Lowell, Mass. Cotton piece goods.....	61,375	Mar. 19	127	1248
Boott Mills, Lowell, Mass. Cotton piece goods.....	61,400	Mar. 19	127	1248
Boott Mills, Lowell, Mass. Cotton piece goods.....	66,322	Nov. 19	131	938
Boott Mills, Lowell, Mass. Cotton piece goods.....	66,323	Nov. 19	131	938
Borcherdt Malt Extract Company, Chicago, Ill. Certain malt preparations.....	60,422	Feb. 5	126	2185
Borcherdt Malt Extract Company, Chicago, Ill. Certain malt preparations.....	64,467	Aug. 6	129	2496
Borcherdt Malt Extract Company, Chicago, Ill. Medicinal malt preparations, plain and medicated malt extracts.....	64,481	Aug. 6	129	2497
Borchert, Curt, Berlin, Germany. Certain medicine.....	65,549	Oct. 8	130	1683
Borden's Condensed Milk Company, Jersey City, N. J., and New York, N. Y. Condensed milk, evaporated milk, and evaporated cream.....	62,062	Apr. 16	127	2811
Borden's Condensed Milk Company, Jersey City, N. J., and New York, N. Y. Caramels and caramel-paste.....	64,722	Aug. 20	129	3155

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Borden's Condensed Milk Company, Jersey City, N. J., and New York, N. Y. Chocolate, caramels, and caramel-paste.	64,723	Aug. 20	129	3155
Borne, Scrymser Company, New York, N. Y. Lubricating-oils.	64,419	Aug. 6	129	2495
Borsum Bros., New York, N. Y. Hard polishing-soap in cake form.	60,892	Feb. 26	126	3416
Borsum Bros., New York, N. Y. Hard polishing-soap in cake form.	60,893	Feb. 26	126	3416
Bosman & Lohman Co., Norfolk, Va. Peanut-candy.	66,384	Nov. 26	131	1156
Bosnische Elektrizitäts-Actiengesellschaft, Vienna, Austria-Hungary. Briquets of iron and silica.	59,181	Jan. 1	126	381
Boston Artificial Leather Company, New York, N. Y. Artificial leather.	66,093	Nov. 12	131	685
Boston Belting Company, Boston, Mass. Rubber and composition belting, hose, and machinery packing.	59,155	Jan. 1	126	380
Boston Belting Company, Boston, Mass. Rubber and composition belting, hose, and machinery packing.	59,156	Jan. 1	126	381
Boston Store of Chicago, Chicago, Ill. Whisky.	63,773	July 9	129	864
Boston Varnish Company, Everett, Mass. Varnish, japan, driers, and liquid fillers.	60,123	Jan. 29	126	1769
Boston Varnish Company, Everett, Mass. Varnish, japan, driers, and liquid fillers.	60,252	Feb. 5	126	2181
Boston Wine & Spirits Co., Boston, Mass. Whisky, brandy, gin, rum, punch, cocktails, and grain alcohol.	61,360	Mar. 19	127	1247
Botstwick, Mark C., Alpena, Mich. Remedy for all diseases of the kidneys, stomach, liver, and blood.	60,827	Feb. 19	126	3038
Boucher, Charles, Paris, France. Toilet powder.	66,634	Dec. 17	131	1936
Bourn Rubber Co., Providence, R. I. Rubber boots and shoes.	66,635	Dec. 17	131	1936
Bourne, Philip, New York, N. Y. Certain medicines.	61,766	Apr. 2	127	1988
Bovril Limited, London, England. Extracts and essences of meat.	63,090	June 4	128	2081
Bowen, Saml. B., Philadelphia, Pa. Portland cements.	66,163	Nov. 12	131	687
Bowen, Saml. B., Philadelphia, Pa. Paints, enamels, fillers, stains, and varnishes.	66,418	Nov. 26	131	1156
Bowers, Orrin C., Oklahoma, Okla. Ter. Certain medicinal compound.	64,656	Aug. 20	129	3153
Bowman Eldridge & Company, Portland, Ore. Socks.	63,260	June 11	128	2524
Boyd, Edna, Anadarko, Okla. Ter. Remedy for the cure of malaria, chills, fever, and ague.	65,288	Sept. 17	130	972
Boyer & Company, Philadelphia, Pa. Shoe-polish and shoe-blackening.	63,485	June 25	128	3281
Boyer & Company, Philadelphia, Pa. Shoe-polish and shoe-blackening.	63,486	June 25	128	3281
Boyle, Victoria A., Kansas City, Mo. Petticoats made of textile fabrics.	65,351	Sept. 24	130	1303
Boynton Furnace Company, New York, N. Y. Stoves, ranges, boilers, and furnaces.	65,979	Nov. 5	131	353
Brackett & Co., R. E., Lansing, Mich. Hones for razors and other edged tools.	61,799	Apr. 9	127	2387
Brackett & Co., W. D., Boston, Mass. Leather shoes.	64,545	Aug. 13	129	2852
Bradford, Edw. S., Jr., Chicopee, Mass. Certain named saws.	59,464	Jan. 8	126	751
Bradley, Allen M., Marion, Ind. Flavoring-syrups.	61,725	Apr. 2	127	1587
Bradley, Bernard F., New York, N. Y. Carbureters for automobiles.	60,322	Feb. 5	126	2183
Bradley, Smith Co., New Haven, Conn. Certain confectionery.	64,724	Aug. 20	129	3155
Bradley, Smith Co., New Haven, Conn. Chocolates, bonbons, and chewing-candies.	64,725	Aug. 20	129	3155
Bradley, Smith Co., New Haven, Conn. Certain confectionery.	65,393	Sept. 24	130	1304
Bradley's Sons, G. W., Weston, Conn. Certain edge-tools.	66,584	Dec. 17	131	1935
Brady, Frank, Denver, Colo. Periodical.	59,695	Jan. 15	126	1058
Bragdon-Jones Co., Boston, Mass. Wheat-flour.	59,735	Jan. 15	126	1059
Brand & Co. Ltd., London, England. Sauce.	64,772	Aug. 20	129	3156
Brandram Bros. & Co. Ltd., London, England. White lead.	59,914	Jan. 22	126	1349
Brandt, John, Chicago, Ill. Certain medicine.	65,171	Sept. 10	130	651
Brandt, L. A. H., Buffalo, N. Y. Remedies for certain named diseases.	59,535	Jan. 8	126	753
Brandt, Maurice L., New York, N. Y. Razor-strops.	64,487	Aug. 13	129	2851
Brandt, Paul, Charlottenburg, Germany. Preparations for repelling insects.	62,682	May 21	128	1286
Brass Foundry and Heating Co., Peoria, Ill. Unfinished solid and tubular cast bars.	63,185	June 11	128	2522
Brauer Chemical Company, New York, N. Y. Mouth-wash.	61,006	Feb. 26	126	3419
Braun & Fitts, Inc., Chicago, Ill. Prepared animal fats for baking and cooking.	61,663	Apr. 2	127	1986
Brawley Cantaloupe Growers Association, Brawley, Cal. Melons.	63,261	June 11	128	2524
Brazilian Turpentine Company, Limited, Pittsburg, Pa. Turpentine.	60,644	Feb. 19	126	3033
Breen & Kennedy, Chicago, Ill. Whisky.	61,999	Apr. 16	127	2809
Breitenbach, Max J., New York, N. Y. Certain medicinal remedy.	60,594	Feb. 12	126	2585
Breitenbach, Max J., New York, N. Y. Certain medicine.	61,767	Apr. 2	127	1988
Breneman, Charles W., Cincinnati, Ohio. Shade-cloth.	60,124	Jan. 29	126	1769
Breneman Baking Company, Columbus, Ohio. Bread.	62,570	May 14	128	881
Reul, Frederick G., Bridgeport, Conn. Mechanics' squares.	59,046	Jan. 1	126	378
Breves, Charles, Chicago, Ill. Headache medicines.	62,711	May 21	128	1287
Brewer, Edwin W., Fullerton, Cal. Peanuts.	63,718	July 2	129	476
Bridgeport Chain Company, Bridgeport, Conn. Wire chain.	64,129	July 23	129	1605
Bridgeport Crucible Co., Bridgeport, Conn. Stove-clay.	61,640	Apr. 2	127	1985
Bridgeport Specialty Company, Bridgeport, Conn. Magnetos.	61,536	Mar. 26	127	1572
Bridgeport Specialty Company, Bridgeport, Conn. Magnetos.	61,538	Mar. 26	127	1573
Briggs, Francis W., Lewiston, Me. Loose-leaf ledgers.	59,093	Jan. 1	126	379
Briggs, Frank H., Painesville, Ohio. High explosives.	61,353	Apr. 9	127	2388
Brignole, Domenico C., Memphis, Tenn. Grape-juice wine.	60,224	Jan. 29	126	1771
Brill Brothers, New York, N. Y. Boys' suits.	63,922	July 16	129	1262
Brill Brothers, New York, N. Y. Knit underwear.	64,190	July 30	129	2068
Brinly-Hardy Company Inc., Louisville, Ky. Plows.	64,929	Aug. 27	129	3498
Briscoe Ivey Co., Incorporated, Lynchburg, Va. Certain clothing.	65,269	Sept. 17	130	972
Bristol Co., Waterbury, Conn. Metallic fasteners for belts.	61,148	Mar. 5	127	388
Bristol Company, Waterbury, Conn. Metallic fasteners for belts.	63,487	June 25	128	3281
Bristol Manufacturing Company, Bristol, Conn. Knitted underwear.	63,361	June 18	128	2830
British-American Co., Cincinnati, Ohio. Brewer's pitch.	59,774	Jan. 15	126	1060
British Pluviusin Company, Limited, Manchester, England. Imitation leather.	61,696	Apr. 2	127	1987
Broadwalk Shoe Company, Haverhill, Mass. Leather shoes.	62,571	May 14	128	881
Bronne-Mayer Company, New York, N. Y. Shirts.	62,342	Apr. 30	127	3637
Bronstrop, George J., Cincinnati, Ohio. Card game.	59,398	Jan. 8	126	749
Brookes & Crookes, Sheffield, England. Cutlery in general.	63,404	June 18	128	2831
Brooklyn Daily Eagle, Brooklyn, N. Y. Printed books, pamphlets, posters, lithographs, and engravings.	63,891	July 16	129	1261
Brooklyn Daily Eagle, Brooklyn, N. Y. Periodical.	63,892	July 16	129	1261
Brooklyn Daily Eagle, Brooklyn, N. Y. Newspapers.	63,893	July 16	129	1261
Brooklyn Turkish Bath Company, New York, N. Y. Certain beverages.	63,517	June 25	128	3282
Brooks, George W., Brooklyn, N. Y. Rheumatic and gout medicines.	60,828	Feb. 19	126	3038
Brooks, William A., Cincinnati, Ohio. Felt hats.	63,374	June 18	128	2830
Brown, Alonzo F., Oakland, Cal. Rheumatic cures.	64,468	Aug. 6	129	2496
Brown, Augustus L., Boston, Mass. Stockings.	62,167	Apr. 23	127	3210
Brown & Co., John B., New York, N. Y. Teas and coffees.	65,901	Oct. 29	130	2714
Brown & Co., John B., New York, N. Y. Teas.	65,902	Oct. 29	130	2714
Brown & Co., John B., New York, N. Y. Teas.	65,903	Oct. 29	130	2714
Brown Durrell Co., Boston, Mass. Hosiery and knitted underwear.	62,341	Apr. 30	127	3637

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Brown, Edward H., London, England, and Paris, France. Polishes for cleaning, preserving, and polishing leather.....	64,255	July 30	129	2069
Brown, Edward W., Cincinnati, Ohio. Varnishes.....	64,010	July 16	129	1264
Brown, Francis C., New York, N. Y. Fountain-pens.....	63,826	July 9	129	865
Brown-Hurley Hardware Company, Des Moines, Iowa. Shovels, spades, hoes, rakes, and screw-drivers.....	62,428	May 7	128	450
Brown, Kate M., New York, N. Y. Ointment.....	59,775	Jan. 15	126	1060
Brown, M. Frances, Kalamazoo, Mich. Remedies for colds.....	60,405	Feb. 5	126	2185
Brown Soap Co., Columbus, Ohio. Soap.....	65,194	Sept. 10	130	651
Brown, Summers, New York, N. Y. Inks, type-linking ribbons, and carbon-paper.....	59,819	Jan. 22	126	1347
Brown, Wm. W., Worcester, Mass. Jackets and vests.....	59,399	Jan. 8	126	749
Browne, Rollo W., Washington, D. C. Barbers' antiseptics.....	65,471	Oct. 8	130	1681
Browne, Rollo W., Washington, D. C. Disinfectants.....	65,472	Oct. 8	130	1681
Brownell & Field Company, Providence, R. I. Cocoa.....	66,282	Nov. 19	131	937
Browning Press, Collinwood, Ohio. Periodical publications.....	61,413	Mar. 19	127	1249
Brownlee, James H., Philadelphia, Pa. Medical compound for the cure of epilepsy.....	65,289	Sept. 17	130	972
Brunner Bros., Clinton, Iowa. Solution for soldering and cleansing metals.....	61,641	Apr. 2	127	1985
Brunner & Son, T. C., Omaha, Nebr. Coffee.....	63,575	June 25	128	3284
Brunning, Charles E., Indianapolis, Ind. Certain medicines.....	64,675	Aug. 20	129	3153
Brunswick, Hyman, Hot Springs, Ark. Rheumatic oil.....	61,022	Feb. 26	126	3419
Bryant Electric Company, Bridgeport, Conn. Electrical supplies.....	59,316	Jan. 8	126	747
Bryant Electric Company, Bridgeport, Conn. Electrical supplies.....	59,317	Jan. 8	126	747
Bryant, Forrest L., Binghamton, N. Y. Silk dress goods.....	62,712	May 21	128	1287
Bubier Laboratory Company, Lynn, Mass. Compound laxative salts.....	60,623	Feb. 12	126	2585
Buckeye Electric Company, Cleveland, Ohio. Incandescent lamps.....	59,970	Jan. 22	126	1351
Buckeye Manufacturing Company, Canton, Ohio. Post and pole hole diggers.....	65,238	Sept. 17	130	971
Bucklin, Charles S., Baltimore, Md. Machines for separating fruit-pulp from skins and seeds.....	59,346	Jan. 8	126	748
Buda Foundry & Manufacturing Company, Chicago, Ill. Drilling-machines and boring apparatus and drills and parts thereof.....	62,144	Apr. 23	127	3209
Buegeleisen & Jacobson, New York, N. Y. Strings for violins.....	60,406	Feb. 5	126	2185
Buegeleisen & Jacobson, New York, N. Y. Violin, mandolin, guitar, and banjo strings.....	61,679	Apr. 2	127	1986
Buegeleisen & Jacobson, New York, N. Y. Accordions.....	66,856	Dec. 31	131	2413
Buermann, August, Newark, N. J. Bits, spurs, stirrups, buckles, and metal harness-trimmings.....	60,809	Feb. 19	126	3037
Buffalo Forge Company, Buffalo, N. Y. Metal drilling, punching, and shearing machines.....	62,828	May 28	128	1682
Buffalo Gum Company, Buffalo, N. Y. Chewing-gum.....	59,304	Jan. 8	126	747
Buffalo Specialty Company, Buffalo, N. Y. Glue.....	64,844	Aug. 27	129	3495
Buffalo Specialty Company, Buffalo, N. Y. Tacks, staples, and blind staples.....	65,040	Sept. 3	130	295
Bugniazet, Louis T., Ridgefield Park, N. J. Corn-plasters.....	65,290	Sept. 17	130	972
Bullock, Willis, Canajoharie, N. Y. Newspaper.....	62,320	Apr. 30	127	3637
Burbank, Susie P., Boston, Mass. Hair- tonic, talcum powder, tooth-powder, and skin food.....	61,097	Apr. 2	127	1987
Burch, Edward J., Carthage, Mo. Medicine for the cure of the tobacco habit.....	63,974	July 16	129	1263
Burdg Brothers, Decatur, Ind. Ointments.....	59,510	Jan. 8	126	752
Burdick, Justin H., Milton, Wis. Lotion.....	62,919	May 28	128	1685
Burdick Medicine Co., W. J., Appleton, Wis. Vegetable compounds for blood and nerve medicines.....	60,786	Feb. 19	126	3037
Burgoyne, William R., Steubenville, Ohio. Remedies for ague and malarial fevers.....	66,830	Dec. 31	131	2412
Burk, William C., Philadelphia, Pa. Medicines for the treatment and regulation of the stomach, bowels, liver, and kidneys.....	61,698	Apr. 2	127	1987
Burleson, William D., Gridley, Cal. Newspaper.....	63,894	July 16	129	1261
Burlingame Chemical Co., Los Angeles, Cal. Certain remedy.....	66,498	Dec. 10	131	1681
Burnett, Robert M., Southboro, Mass. Pork scraps, sausages, sausage-meat, and bacon.....	59,808	Jan. 15	126	1060
Burnham Hanna Munger Dry Goods Co., Kansas City, Mo. Jumpers and overalls.....	65,080	Sept. 3	130	296
Burnham Hanna Munger Dry Goods Co., Kansas City, Mo. Dress and negligée shirts.....	65,904	Oct. 29	130	2714
Burnham-Munger Mfg. Co., Kansas City, Mo. Certain work-clothing.....	65,621	Oct. 15	130	2061
Burnham-Munger Mfg. Co., Kansas City, Mo. Dress, negligée, and flannel shirts.....	65,622	Oct. 15	130	2061
Burrill, Charles C., Eden, Me. Spring-water and flavored soda-water.....	62,519	May 14	128	879
Burroughs Adding Machine Co., Detroit, Mich. Adding and listing machines.....	66,134	Nov. 12	131	686
Burt & Co., Des Moines, Iowa. Prepared stock foods.....	62,180	Apr. 23	127	3210
Burt Olney Canning Co., Oneida and Albion, N. Y. Canned fruits and vegetables.....	65,798	Oct. 22	130	2367
Burt Olney Canning Co., Oneida and Albion, N. Y. Canned fruits and vegetables.....	65,799	Oct. 22	130	2367
Burt Olney Canning Co., Oneida and Albion, N. Y. Canned fruits and vegetables.....	65,905	Oct. 29	130	2714
Burt Olney Canning Co., Oneida and Albion, N. Y. Canned fruits and vegetables, except canned corn.....	66,283	Nov. 19	131	937
Burt Olney Canning Company, Oneida, N. Y. Canned vegetables and fruits.....	64,930	Aug. 27	129	3498
Burton Bros. & Co., New York, N. Y. Cotton dress goods.....	64,585	Aug. 13	129	2853
Burton & Davis Co., New York, N. Y. Teas.....	61,594	Mar. 26	127	1574
Burton, John S., Sherman, Tex. Certain named medicines.....	59,242	Jan. 1	126	383
Burton Powder Company, Pittsburg, Pa. Fuse-caps, detonators, and dynamite.....	64,513	Aug. 13	129	2851
Busch-Freund Brewers' Supply Co., St. Louis, Mo. Brewers' pitch.....	59,243	Jan. 1	126	383
Bushnell & Co., D. I., St. Louis, Mo. Corn.....	60,645	Feb. 19	126	3033
Business Man's Publishing Company, Limited, Detroit, Mich. Magazines.....	62,935	May 28	128	1685
Butcher, Charles F., Sheffield, England. Razors, scissors, and pocket-knives.....	60,991	Feb. 26	126	3418
Butcher, Charles F., Sheffield, England. Razors.....	62,019	Apr. 16	127	2810
Butcher Direct Contact Method Company, New York, N. Y. Inhaling compounds and drugs.....	60,010	Jan. 22	126	1352
Butler Brothers, New York, N. Y. Certain named cutlery.....	60,341	Feb. 5	126	2183
Butler Brothers, Chicago, Ill. Files.....	60,353	Feb. 5	126	2183
Butler-Butler (Incorporated), New York, N. Y. Little cigars.....	59,597	Jan. 15	126	1055
Butler-Butler (Incorporated), New York, N. Y. Little cigars.....	59,598	Jan. 15	126	1055
Butler-Butler Incorporated, New York, N. Y. Cigarettes.....	60,125	Jan. 29	126	1769
Butler-Butler Incorporated, New York, N. Y. Cigarettes.....	62,527	May 14	128	879
Butler-Butler Incorporated, New York, N. Y. Cigars.....	62,829	May 28	128	1682
Butler-Butler Incorporated, New York, N. Y. Cigars.....	62,851	May 28	128	1683
Butler-Butler Incorporated, New York, N. Y. Cigars, cigarettes, and smoking and chewing tobacco.....	63,744	July 9	129	863
Butler-Butler, (Incorporated,) New York, N. Y. Little cigars.....	63,952	July 16	129	1262
Butler & Field, Washington, D. C. Remedy for the cure of rheumatism and gout.....	62,036	Apr. 16	127	2810
Butler, James T., Abington, Pa. Medicinal tablets.....	66,263	Nov. 19	131	936
Butterfield & Co., Fred., New York, N. Y. Certain textiles.....	62,713	May 21	128	1287
Butterfield & Co., Fred., New York, N. Y. Cotton piece goods.....	63,262	June 11	128	2524
Butterfield & Co., Fred., New York, N. Y. Cotton linings in the piece.....	64,216	July 30	129	2018
Butterfield & Co., Fred., New York, N. Y. Percaline.....	64,437	Aug. 6	129	2496
Byrne & Hammer Dry Goods Co., Omaha, Nebr. Shirts, overalls, duck coats, and jumpers.....	62,683	May 21	128	1216
C. Benedict Co., Oakland, Cal. Certain clothing.....	64,375	Aug. 6	129	2494
C. Benedict Co., Oakland, Cal. Certain clothing.....	64,376	Aug. 6	129	2494
C. Callahan Co., La Fayette, Ind. Canned fruits and vegetables.....	62,264	Apr. 30	127	3635
C. Callahan Co., La Fayette, Ind. Oysters and canned fish.....	65,800	Oct. 22	130	2367
C. Howard Hunt Pen Company, Camden, N. J. Writing and drawing pens.....	64,960	Sept. 3	130	293
C. Kenyon Co., Brooklyn, N. Y. Certain named clothing.....	59,319	Jan. 8	126	747

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C. Kenyon Company, Brooklyn, N. Y. Certain named clothing.....	59,318	Jan. 8	126	747
C. Kenyon Company, Brooklyn, N. Y. Certain named clothing.....	59,373	Jan. 8	126	749
C. Kenyon Company, Brooklyn, N. Y. Certain named clothing.....	59,374	Jan. 8	126	749
C. Kern Brewing Co., Port Huron, Mich. Beer.....	60,386	Feb. 5	126	2184
C. A. Carlin, Ltd., London, England. Smoking-tobacco and cigarettes.....	65,113	Sept. 10	130	649
C. A. Edgarton Manufacturing Company, Shirley, Mass. Suspenders.....	65,921	Oct. 29	130	2715
C. A. Lammers Bottling Co., Denver, Colo. Malt-liquor tonic.....	59,836	Jan. 22	126	1347
C. A. Lindgren & Cis., Vinhandels Aktiebolag, Stockholm, Sweden. Arraks punch.....	62,377	Apr. 30	127	3638
C. A. Murdock Mfg. Co., Kansas City, Mo. Coffee.....	64,541	Aug. 13	129	2852
C. A. Murdock Mfg. Co., Kansas City, Mo. Coffee.....	64,542	Aug. 13	129	2852
C. A. Murdock Mfg. Co., Kansas City, Mo. Coffee.....	64,543	Aug. 13	129	2852
C. A. Murdock Mfg. Co., Kansas City, Mo. Coffee.....	64,544	Aug. 13	129	2852
C. A. Murdock Mfg. Co., Kansas City, Mo. Baking-powder.....	65,017	Sept. 3	130	294
C. A. Murdock Mfg. Co., Kansas City, Mo. Baking-powder.....	65,162	Sept. 10	130	651
C. A. Taylor Trunk Works, Chicago, Ill. Trunks made in part of wood.....	59,599	Jan. 15	126	1055
C. A. Taylor Trunk Works, Chicago, Ill. Trunks made in part of wood.....	59,600	Jan. 15	126	1055
C. B. Cones and Son Manufacturing Company, Indianapolis, Ind. Certain clothing.....	64,420	Aug. 6	129	2495
C. B. Cones & Son Manufacturing Company, Indianapolis, Ind. Laundered colored shirts.....	65,270	Sept. 17	130	972
C. E. Conover Co., New York, N. Y. Dress-shields.....	66,164	Nov. 12	131	687
C. E. Fulford Limited, Leeds, England. Pine-extract pastils for coughs, colds, and bronchitis.....	64,256	July 30	129	2069
C. F. Blanke Tea & Coffee Co., St. Louis, Mo. Coffee.....	59,182	Jan. 1	126	381
C. F. Mueller Co., Jersey City, N. J. Macaroni.....	63,975	July 16	129	1263
C. H. Bishop Flour Co., Cincinnati, Ohio. Wheat-flour.....	61,990	Apr. 16	127	2809
C. M. & R. Tompkins, Elmira, N. Y. Coffee.....	64,273	July 30	129	2070
C. M. & R. Tompkins, Elmira, N. Y. Coffee.....	64,274	July 30	129	2070
C. M. & R. Tompkins, Elmira, N. Y. Dried fruits.....	64,275	July 30	129	2070
C. N. Dietz Lumber Company, Omaha, Neb. Certain wood manufactures.....	61,248	Mar. 12	127	842
C. P. Moorman & Company, Inc., Louisville, Ky. Whisky.....	62,714	May 21	128	1287
C. P. Moorman & Company, Inc., Louisville, Ky. Whisky.....	62,715	May 21	128	1287
C. P. Moorman & Company, Inc., Louisville, Ky. Whisky.....	62,716	May 21	128	1287
C. P. Moorman & Company, Inc., Louisville, Ky. Whisky.....	62,717	May 21	128	1287
C. P. Moorman & Company, Inc., Louisville, Ky. Whisky.....	62,768	May 21	128	1288
C. P. Moorman & Company, Inc., Louisville, Ky. Whisky.....	64,379	Aug. 6	129	2494
C. R. Maltby Co., Corning, N. Y. Coffee and tea.....	60,448	Feb. 12	126	2581
C. S. Morey Mercantile Company, Denver, Colo. Canned fruits and vegetables.....	63,802	July 9	129	864
C. S. Morey Mercantile Company, Denver, Colo. Coffee.....	63,851	July 9	129	866
C. S. Morey Mercantile Company, Denver, Colo. Baking-powder.....	63,923	July 16	129	1262
C. S. Morey Mercantile Company, Denver, Colo. Flavoring extracts.....	64,380	Aug. 6	129	2494
C. S. Morey Mercantile Company, Denver, Colo. Dried fruits, olives, canned fruits and vegetables.....	66,038	Nov. 5	131	355
C. S. Morey Mercantile Company, Denver, Colo. Coffee.....	66,165	Nov. 12	131	687
C. T. Ham Manufacturing Company, Rochester, N. Y. Oil-burning lamps.....	64,048	July 23	129	1603
C. T. Ham Manufacturing Company, Rochester, N. Y. Oil-burning lamps.....	64,049	July 23	129	1603
C. T. Ham Manufacturing Company, Rochester, N. Y. Oil-burning lamps.....	64,050	July 23	129	1603
C. T. Ham Manufacturing Company, Rochester, N. Y. Oil-burning lamps.....	64,082	July 23	129	1604
C. T. Ham Manufacturing Company, Rochester, N. Y. Oil-burning lamps.....	64,083	July 23	129	1604
C. T. Ham Manufacturing Company, Rochester, N. Y. Oil-burning lamps.....	64,657	Aug. 20	129	3153
C. T. Ham Manufacturing Company, Rochester, N. Y. Oil-burning lamps.....	64,658	Aug. 20	129	3153
C. W. Hull Company, Omaha, Neb. Building cement and concrete.....	62,769	May 21	128	1288
Cable Company, Chicago, Ill. Pianos, automatic piano-players, and self-playing pianos.....	63,091	June 4	128	2081
Cable Company, Chicago, Ill. Pianos, automatic piano-players, and self-playing pianos.....	63,092	June 4	128	2081
Cable Company, Chicago, Ill. Automatic piano-players and self-playing pianos.....	63,375	June 18	128	2850
Cable Company, Chicago, Ill. Pianos, automatic piano-players, and self-playing pianos.....	64,350	Aug. 6	129	2493
Cable Company, Chicago, Ill. Automatic piano-players and self-playing pianos.....	64,488	Aug. 13	129	2851
Cabot, Helen N., et al., executors. (See Cabot, Samuel.)				
Cabot, Henry B., et al., executors. (See Cabot, Samuel.)				
Cabot, Sam', Boston, Mass. Chemical compound for preserving wood.....	59,736	Jan. 15	126	1059
Cabot, Saml., Boston, Mass. Chemical preparation.....	60,810	Feb. 19	126	3037
Cabot, Samuel, Boston, Mass. Roofing-felt.....	59,083	Jan. 1	126	379
Cabot, Samuel, Boston, Mass. Wood and shingle stains.....	63,871	July 9	129	866
Cabot, Samuel, deceased; H. B. and H. N. Cabot, Boston, Mass., executors. Certain painters' materials.....	63,329	June 18	128	2829
Cabot, Samuel, deceased; H. B. and H. N. Cabot, Boston, Mass., executors. Liquid chemical preparation.....	63,467	June 25	128	3281
Cabot, Samuel, deceased; H. B. and H. N. Cabot, Boston, Mass., executors. Builders' sheathing and mortar-coloring.....	63,518	June 25	128	3282
Cadbury Brothers Limited, Birmingham, England. Chocolate and cocoa.....	65,081	Sept. 3	130	296
Cady, Franklin P., assignor of one-half to H. H. Fielding, Leliaton, Ga. Medicine for certain named diseases.....	59,244	Jan. 1	126	383
Cementium (Parent) Co. Ltd., London, England. Cements, glues, and adhesives.....	66,636	Dec. 17	131	1936
Cafe Savarin Company, New York, N. Y. Whisky.....	59,347	Jan. 8	126	748
Cahill, William M., Hoboken, N. J. Coffee and tea.....	63,993	July 16	129	1263
Cahill, William M., Hoboken, N. J. Cocoa and chocolate.....	64,726	Aug. 20	129	3155
Cahill, William M., Hoboken, N. J. Spices.....	64,727	Aug. 20	129	3155
Cahn, Belt & Co., Baltimore, Md. Whisky.....	59,555	Jan. 8	126	753
Cairo Milling Co., Cairo, Ill. Wheat-flour.....	59,157	Jan. 1	125	381
Calculus Company, Cleveland, Ohio. Computing-machines.....	65,394	Sept. 24	130	1304
Calculus Company, Cleveland, Ohio. Computing-machines.....	65,750	Oct. 22	130	2366
Calenduline Co., Chicago, Ill. Remedy for certain named diseases.....	59,572	Jan. 8	126	754
California Canneries Co., San Francisco, Cal. Canned fruits.....	63,694	July 2	129	475
California Canneries Co., San Francisco, Cal. Canned fruits and vegetables.....	63,994	July 16	129	1263
California Fruit Syrup Company, Oakland, Cal. Fruit-syrups for table and cooking purposes.....	64,257	July 30	129	2069
California Grape Juice Company, Los Angeles, Cal. Fruit-juices made from grapes and other fruits.....	65,434	Sept. 24	130	1305
California Wine Association, San Francisco, Cal. Wine.....	66,811	Dec. 31	131	2411
Calixto Lopez & Co., Jersey City, N. J. Cigarettes and smoking-tobacco.....	60,510	Feb. 12	126	2582
Callard, Stewart and Watt Limited, London, England. Certain food preparation.....	62,181	Apr. 23	127	3210
Callard, Stewart and Watt Limited, London, England. Bread and biscuits.....	65,502	Oct. 8	130	1682
Calmetto Company, Monticello, Fla. Remedies for certain named diseases.....	59,245	Jan. 1	126	383
Calvet & Co., J., Bordeaux, France. Claret, Burgundy, and Sauterne wines.....	62,449	May 7	128	450
Camden Pottery Company, Camden, N. J. Closet-bowls, urinals, basins, and sinks, said articles being made of earthenware.....	60,187	Jan. 29	126	1770
Cameron, Julia E., New York, N. Y. Pumps.....	64,161	July 30	129	2067
Camet, Blaise, Lyon, France. Loaded cartridges.....	63,330	June 18	128	2829
Cammell Laird & Co. Limited, Sheffield, England. Steel and iron in bars, sheets, rods, rails, plates, and wire.....	62,020	Apr. 16	127	2810
Cammell Laird & Co. Limited, Sheffield, England. Steel and iron in bars, sheets, rods, rails, plates, and wire.....	62,021	Apr. 16	127	2810

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
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Campari Fratelli, Milan, Italy. Cordial.....	63,491	June 25	128	3281
Campari Fratelli, Milan, Italy. Bitters.....	63,590	June 25	128	3284
Campbell, Charles A., New York, N. Y. Illuminating-gas burners.....	64,489	Aug. 13	129	2851
Campbell Corn Drill Co., Harrison, Ohio. Seeding-machines.....	59,125	Jan. 1	126	380
Campbell, Maude L., Washington, D. C. Hair-tonic and scalp remedy.....	66,352	Nov. 26	131	1155
Campbell Printing Press & Manufacturing Co., New York, N. Y. Apparatus for making stereo-type printing-plates.....	61,726	Apr. 2	127	1987
Campe & Co., Henry, San Francisco, Cal. Whisky.....	66,812	Dec. 31	131	2412
Canter, Abram R., Wilkensburg, Pa. Eye medicine.....	61,156	Mar. 5	127	388
Canton Fertilizer and Chemical Company, Canton, Ohio. Fertilizers.....	62,506	May 14	128	879
Canton Paint & Varnish Company, Canton, Ohio. Vegetable boiler compound.....	59,285	Jan. 1	126	384
Cantrell & Cochrane, Limited, Dublin, Ireland, and New York, N. Y. Mineral and aerated waters.....	64,191	July 30	129	2068
Cape Ann Isinglass Company, Boston, Mass. Isinglass.....	62,241	Apr. 30	127	3635
Capper, Arthur, Topeka, Kans. Magazine.....	60,470	Feb. 12	126	2587
Carback, John T., Baltimore, Md. Liquid veterinary blood-purifier.....	65,733	Oct. 22	130	2365
Carbolineum Wood Preserving Co., Milwaukee, Wis. Antirust and acid-resisting paint.....	60,992	Feb. 26	126	3418
Carborundum Company, Niagara Falls, N. Y. Certain abrasives.....	64,490	Aug. 13	129	2851
Carl Entenmann Jewelry Company, Los Angeles, Cal. Rings, brooches, and badges.....	61,891	Apr. 9	127	2389
Carleton Dry Goods Company, St. Louis, Mo. Hosiery and knit gloves.....	61,869	Apr. 9	127	2389
Carleton Dry Goods Company, St. Louis, Mo. Knitted underwear.....	66,206	Nov. 12	131	688
Carleton & Hovey, Lowell, Mass. Certain medicines.....	62,684	May 21	128	1286
Carlowitz & Co., New York, N. Y. Cigars, cigarettes, smoking and chewing tobacco.....	61,287	Mar. 12	127	843
Carmel Wine Company, New York, N. Y. Wines.....	62,278	Apr. 30	127	3636
Carmel Wine Company, New York, N. Y. Wines.....	63,774	July 9	129	864
Carnegie, John F., Chicago, Ill. Mouth-wash and gargle, tooth-paste, and throat-pastil.....	65,851	Oct. 29	130	2713
Carney Coal Company, Chicago, Ill. Coal.....	64,162	July 30	129	2067
Carpenter Company, Brattleboro, Vt. Reed-organs.....	59,869	Jan. 22	126	1348
Carr, Martin C., Du Quoin, Ill. Medicinal powder for producing an inhalant.....	64,642	Aug. 13	129	2855
Carrington Company, Jean, New York, N. Y. Toilet powder.....	63,014	June 4	128	2078
Carroll, Brough & Robinson, Oklahoma, Okla. Ter. Certain foods.....	65,801	Oct. 22	130	2367
Caruthers-Jones Shoe Co., Memphis, Tenn. Ladies' leather dress-shoes.....	65,147	Sept. 10	130	650
Carson Pirie Scott & Co., Chicago, Ill. Embroidery-cotton.....	66,603	Dec. 17	131	1935
Carter-Crume Co. Limited, Niagara Falls, N. Y. Autographic registers.....	60,354	Feb. 5	126	2183
Carter-Crume Company, Limited, Toronto, Ontario, Canada, and Niagara Falls, N. Y. Sales-books.....	62,393	May 7	128	449
Carter, George H., Plymouth, Pa. Paste for softening horses' hoofs.....	66,094	Nov. 12	131	685
Carter, Howe & Co., Newark, N. J. Jewelry and solid and plated precious-metal ware.....	59,465	Jan. 8	126	751
Carter, Qvarnstrom & Remington, Attleboro, Mass. Jewelry.....	65,987	Nov. 5	131	354
Carter White Lead Company, Omaha, Nebr. White lead.....	59,820	Jan. 22	126	1347
Carter's Ink Company, Boston, Mass., and New York, N. Y. Type-writer ribbons and carbon-paper.....	63,186	June 11	128	2522
Cartun, Jacob, Philadelphia, Pa. Whisky, brandy, gin, and cordials.....	62,994	June 4	128	2078
Case, Adelbert B., Springfield, Mass. Lawn-mowers.....	65,256	Sept. 17	130	971
Case, Alfred W., Highland Park and East Hartford, Conn. Paper and leather board.....	64,913	Aug. 27	129	3497
Case Brothers Cutlery Co., Little Valley, N. Y. Certain cutlery.....	64,130	July 23	129	1606
Casey Bros. Scranton, Pa. Whisky.....	60,811	Feb. 19	126	3037
Casey Bros., Scranton, Pa. Whisky.....	61,699	Apr. 2	127	1987
Casey-Swasey Company, Fort Worth, Tex. Whisky.....	59,573	Jan. 8	126	754
Cassella Color Company, New York, N. Y. Black dyestuff.....	62,718	May 21	128	1287
Castaing, Amédée, New York, N. Y. Bleaching compounds.....	60,225	Jan. 29	126	1771
Castaing, Amédée, New York, N. Y. Javelle water.....	61,680	Apr. 2	127	1986
Castañeda (Havana) Cigar Factories Limited, Havana, Cuba. Cigars.....	60,126	Jan. 29	126	1769
Castañeda (Havana) Cigar Factories Limited, Havana, Cuba. Cigars.....	60,127	Jan. 29	126	1769
Castell & Co., J. S., New York, N. Y. Broad silk.....	61,478	Mar. 26	127	1571
Caster, Wallace, Chicago, Ill. Emollient.....	64,469	Aug. 6	129	2496
Castle Braid Company, New York, N. Y. Hat-pin receptacles.....	64,773	Aug. 20	129	3156
Castle Brothers, Incorporated, San Francisco, Cal. Dried fruit.....	60,096	Jan. 29	126	1768
Castle Brothers, Incorporated, San Francisco, Cal. Dried fruit.....	62,685	May 21	128	1286
Castle Brothers, Incorporated, San Francisco, Cal. Dried fruit.....	62,686	May 21	128	1286
Castle Brothers, Incorporated, San Francisco, Cal. Dried fruit.....	63,093	June 4	128	2081
Castor, Thomas G., Neosho, Mo. Liniment.....	65,852	Oct. 29	130	2713
Catawba Candy Co., Sandusky, Ohio. Candy.....	63,065	June 4	128	2080
Cate, Robert H., Knoxville, Tenn. Whisky.....	63,903	July 16	129	1261
Catesby & Sons, London, England. Linoleum.....	65,751	Oct. 22	130	2366
Catherwood, H. & H. W., Philadelphia, Pa. Whisky.....	60,829	Feb. 19	126	3038
Cattaraugus Cutlery Company, Little Valley, N. Y. Certain cutlery.....	63,389	June 18	128	2830
Cattell, Millard F., <i>et al.</i> , executors and trustees. (See Green, Lewis M.).....				
Cavanagh & Sons, H. L., Chicago, Ill. Ironing-boards.....	66,135	Nov. 12	131	686
Cayey-Caguas Tobacco Company, New York, N. Y., and Caguas, Porto Rico. Cigars, cheroots, and cigarettes made of cigar-tobacco.....	59,466	Jan. 8	126	751
Cayey-Caguas Tobacco Company, New York, N. Y., and Caguas, Porto Rico. Cigars, cheroots, and cigarettes made of cigar-tobacco.....	59,467	Jan. 8	126	751
Cayey-Caguas Tobacco Company, New York, N. Y., and Caguas, Porto Rico. Cigars, cheroots, and cigarettes made of cigar-tobacco.....	59,628	Jan. 15	126	1056
Cayey-Caguas Tobacco Company, New York, N. Y., and Caguas, Porto Rico. Cigars, cheroots, and cigarettes.....	59,837	Jan. 22	126	1347
Cayey-Caguas Tobacco Company, New York, N. Y., and Caguas, Porto Rico. Cigars, cheroots, and cigarettes made of cigar-tobacco.....	63,331	June 18	128	2829
Cellular Clothing Company, Limited, London, England. Certain clothing.....	61,664	Apr. 2	127	1986
Cellular Clothing Company, Limited, London, England. Certain articles of clothing.....	63,163	June 11	128	2521
Celluloid Company, New York, N. Y., and Newark, N. J. Plastics composed in part of pyroxylin or soluble cotton.....	59,629	Jan. 15	126	1056
Celluloid Company, New York, N. Y., and Newark, N. J. Fibrous materials covered with a plastic compound.....	60,449	Feb. 12	126	2581
Center, George H., Du Quoin, Ill. Medicines for the cure of pulmonary consumption.....	63,655	July 2	129	474
Central Brewing Co., East St. Louis, Ill. Beer.....	66,067	Nov. 5	131	356
Central Dakota Flouring Mill Company, Arlington, S. D. Wheat-flour.....	62,719	May 21	128	1287
Central Kansas Milling Company, Lyons, Kans. Wheat-flour.....	61,217	Mar. 12	127	841
Century Co., New York, N. Y. Monthly magazine.....	60,423	Feb. 5	126	2185
Century Preserver Co., Chicago, Ill. Certain liquid coating compositions.....	62,477	May 7	128	451
Cereal Products Company, Baltimore, Md. Substitute for coffee.....	63,433	June 18	128	2832
Cevasco, Emanuel J., San Francisco, Cal. Newspaper.....	62,936	May 28	128	1685
Chaffard & Couderc, Salon, France. Olive-oil.....	59,058	Jan. 1	126	378
Chaffard & Couderc, Salon, France. Olive-oil.....	59,320	Jan. 8	126	747
Chaffee-Miller Milling Company, Casselton, N. D. Certain cereal foods.....	65,136	Sept. 10	130	650
Challenge Starch Co., New York, N. Y. Laundry starch.....	60,764	Feb. 19	126	3036

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Chamberlain, Frank H., Boston, Mass. Certain headwear.....	64,381	Aug. 6	129	2494
Chamberlain, Frank H., Boston, Mass. Certain clothing.....	64,382	Aug. 6	129	2494
Chamberlain, Frank H., Boston, Mass. Certain headwear.....	64,383	Aug. 6	129	2494
Chamberlain, Frederick E., Los Angeles, Cal. Certain proprietary remedies.....	63,656	July 2	129	474
Chamberlain Medicine Co., Des Moines, Iowa. Certain medicines.....	60,188	Jan. 29	126	1770
Chambers, Alice W., Philadelphia, Pa. Periodical publications devoted to photography.....	61,107	Mar. 5	127	387
Chambers, Lewis, Bloomington, Ill. Medicinal powders for live stock.....	65,623	Oct. 15	130	2061
Chambers Window Glass Co., Pittsburg, Pa. Window-glass.....	65,239	Sept. 17	130	971
Champion Roller Milling Company, Richmond, Ind. Wheat-flour.....	61,218	Mar. 12	127	841
Chance & Hunt, Ld., Oldbury, England. Caustic soda.....	63,589	June 25	128	3284
Chance & Hunt, Ld., Oldbury, England. Caustic soda.....	66,212	Nov. 19	131	935
Chandler Nursery Co., Chandler, Tex. Fresh peaches.....	64,084	July 23	129	1604
Chandler Nursery Co., Chandler, Tex. Fresh peaches.....	64,276	July 30	129	2070
Chandler & Taylor Company, Indianapolis, Ind. Certain machinery and parts thereof.....	61,149	Mar. 5	127	388
Chapa, Frank A., San Antonio, Tex. Remedial agent for stomach and muscular troubles.....	61,451	Aug. 6	129	2496
Chapin & Gore Inc., Chicago, Ill. Cigars.....	59,870	Jan. 22	126	1348
Charles A. Stevens & Bros., Chicago, Ill. Face-powder.....	60,159	Jan. 29	126	1769
Charles & Co., New York, N. Y. Basketed fresh fruits.....	66,385	Nov. 26	131	1156
Charles & Co., New York, N. Y. Candies, glacé fruits, chocolates, bonbons, and candy kisses.....	66,792	Dec. 31	131	2411
Charles Dennehy & Company, Chicago, Ill. Whisky.....	60,211	Jan. 29	126	1771
Charles Dennehy & Company, Chicago, Ill. Whisky.....	60,511	Feb. 12	126	2582
Charles E. Hires Company, Philadelphia, Pa. Root-beer.....	62,687	May 21	128	1286
Charles Hewitt & Sons Co., Des Moines, Iowa. Tea and coffee.....	65,821	Oct. 22	130	2369
Charles Hewitt & Sons Co., Des Moines, Iowa. Canned salmon and canned oysters.....	66,166	Nov. 12	131	687
Charles Hewitt & Sons Co., Des Moines, Iowa. Certain cereal foods.....	66,167	Nov. 12	131	687
Charles Hewitt & Sons Co., Des Moines, Iowa. Certain food preparations.....	66,284	Nov. 19	131	937
Charles Jacquin et Cie., Inc., New York, N. Y. Flavoring extract.....	61,048	Mar. 5	127	385
Charles Jacquin et Cie., Inc., New York, N. Y. Flavoring extract.....	61,049	Mar. 5	127	385
Charles Jacquin et Cie., Inc., New York, N. Y. Stomach-bitters.....	66,499	Dec. 10	131	1681
Charles Jacquin et Cie., Inc., New York, N. Y. Orange bitters.....	66,500	Dec. 10	131	1681
Charles Meis Shoe Co., Cincinnati, Ohio. Men's and boys' leather boots and high and low cut leather shoes.....	63,362	June 18	128	2830
Charles Parker Co., Meriden, Conn. Shotguns and parts thereof.....	59,018	Jan. 1	126	377
Charles Parker Co., Meriden, Conn. Shotguns and parts thereof.....	59,019	Jan. 1	126	377
Charles Parker Co., Meriden, Conn. Shotguns and parts thereof.....	59,020	Jan. 1	126	377
Charles Roesch and Sons Company, Philadelphia, Pa. Fresh, smoked, and cured meats.....	61,595	Mar. 26	127	1574
Charles Roesch and Sons Company, Philadelphia, Pa. Fresh, smoked, and cured meats.....	64,321	July 30	129	2071
Charles Wolff Packing Company, Topeka, Kans. Ham and breakfast-bacon.....	60,253	Feb. 5	126	2181
Charles Wolff Packing Company, Topeka, Kans. Lard.....	66,656	Dec. 17	131	1937
Charles Zoller Co., New York, N. Y. Pitch and rosin.....	63,895	July 16	129	1261
Charter Oak Stove and Range Company, St. Louis, Mo. Stoves, furnaces, and parts of stoves and furnaces and stove-repairs.....	62,808	May 28	128	1682
Chas. A. Maish Co., Cincinnati, Ohio. Quilts.....	59,658	Jan. 15	126	1057
Chas. A. Zahn Co., Chicago, Ill. Red wine, Burgundy type.....	66,637	Dec. 17	131	1936
Chas. A. Zahn Co., Chicago, Ill. White wine, Rhine-wine type.....	66,638	Dec. 17	131	1936
Chas. Jacquin et Cie. Inc., New York, N. Y. Cordial.....	65,345	Sept. 17	130	974
Chas. S. Crossman & Co., New York, N. Y. Certain jewelry.....	66,873	Dec. 31	131	2413
Chas. W. Rudd & Son, Detroit, Mich. Butter.....	59,126	Jan. 1	126	380
Chase, Arthur C., Omaha, Nebr. Liquid preparation for killing weeds.....	63,976	July 16	129	1263
Chase & Baker Company, Buffalo, N. Y. Perforated music sheets or rolls.....	63,187	June 11	128	2522
Chase & Company, L. C., Boston, Mass. Horse-covers.....	59,468	Jan. 8	126	751
Chase, Frank H., New York, N. Y. Monthly magazine.....	60,450	Feb. 12	126	2581
Chase & Sanborn, Boston, Mass. Tea.....	61,050	Mar. 5	127	385
Chatfield, George R., New York, N. Y. Vanilla-oil.....	60,646	Feb. 19	126	3033
Chatham Shirt Company, New York, N. Y. Shirts and underwear made of woven fabric.....	63,978	July 16	129	1263
Chautauqua Refrigerating Co., Jamestown, N. Y. Cheese.....	63,732	July 2	129	476
Cheeseman Chemical Co., Inc., Scranton, Pa. Sodium sulfid and blanc fixe.....	63,977	July 16	129	1263
Chemische Fabrik auf Actien (vorm. E. Schering), Berlin, Germany. Certain named chemicals.....	59,094	Jan. 1	126	379
Chemische Fabrik auf Actien (vorm. E. Schering), Berlin, Germany. Certain medicines.....	65,291	Sept. 17	130	972
Chemische Fabrik auf Actien (vorm. E. Schering), Berlin, Germany. Antiseptic and disinfectant substance.....	65,624	Oct. 15	130	2061
Chemische Fabrik auf Actien (vorm. E. Schering), Berlin, Germany. Product of formaldehyde.....	65,625	Oct. 15	130	2061
Chemische Fabrik auf Actien (vorm. E. Schering), Berlin, Germany. Antiseptics, deodorants, and disinfectants.....	65,626	Oct. 15	130	2061
Chemische Fabrik auf Actien (vorm. E. Schering), Berlin, Germany. Disinfecting and deodorizing apparatus.....	66,068	Nov. 5	131	356
Chemische Fabrik Flörsheim, Dr. H. Noerdlinger, Flörsheim-on-the-Main, Germany. Impregnating agents for preserving and coating wood.....	66,585	Dec. 17	131	1935
Chemische Fabrik Griesheim-Elektron, Frankfurt-on-the-Main, Germany. Detergent cleaning preparation.....	61,628	Apr. 2	127	1985
Chemische Fabrik von Heyden Aktien-Gesellschaft, Radebeul, near Dresden, Germany. Certain chemical.....	66,547	Dec. 10	131	1682
Chemische Fabrik vormals Sandoz, Basel, Switzerland. Medicinal compound for external use.....	60,788	Feb. 19	126	3037
Chemische Werke Hansa Gesellschaft mit beschränkter Haftung, Hemelingen, near Bremen, Germany. Certain chemicals.....	66,353	Nov. 26	131	1155
Cheney Brothers, South Manchester, Conn. Silk piece goods.....	65,582	Oct. 8	130	1684
Cheney Chemical Co., Manchester, Conn. Tooth-powder.....	64,102	July 23	129	1605
Cherokee Mill & Elevator Company, Cherokee, Okla. Ter. Wheat-flour.....	64,061	July 23	129	1604
Chester, Frank E., Providence, R. I. Fishing-tackle.....	61,288	Mar. 12	127	843
Chester, Frank E., Providence, R. I. Fishing-tackle.....	61,320	Mar. 12	127	843
Chester, Frank E., Providence, R. I. Fishing-tackle.....	61,321	Mar. 12	127	844
Chester, Frank E., Providence, R. I. Assorted fishing-tackle.....	62,093	Apr. 16	127	2812
Chicago Bailey Company, Chicago, Ill. Metallic packing.....	62,920	May 28	128	1685
Chicago Bailey Company, Chicago, Ill. Packing materials for preventing leakage of fluids.....	63,141	June 11	128	2521
Chicago Distilling Co., Chicago, Ill. Whisky.....	59,696	Jan. 15	126	1058
Chicago Dryer Company, Chicago, Ill. Clothes-drying machines.....	60,512	Feb. 12	126	2582
Chicago Flexible Shaft Company, Chicago, Ill. Animal shearing or clipping machines.....	64,351	Aug. 6	129	2493
Chicago Folding Box Co., Chicago, Ill. Paper oyster-pails.....	66,604	Dec. 17	131	1935
Chicago Horseman Newspaper Company, Chicago, Ill. Weekly magazine devoted to horses and like subjects.....	63,094	June 4	128	2081
Chicago Insulated Wire and Manufacturing Company, Chicago, Ill. Insulated wires and insulated cables.....	59,059	Jan. 1	126	378
Chicago Safety Starch Company, Chicago, Ill. Fireproofing liquid and fireproofing-starch.....	63,576	June 25	128	3284
Chicago Thread Mfg. Co., Chicago, Ill. Sewing-thread and art-needlework yarns.....	61,108	Mar. 5	127	387
Child Acme Cutler & Press Co., Boston, Mass. Machines for cutting paper and knives therefor.....	60,513	Feb. 12	126	2582
Childs, Frederick L., Kalamazoo, Mich. Tonic, laxative, and digestive preparations.....	66,354	Nov. 26	131	1155

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Childs, Frederick L., Kalamazoo, Mich. Tonic, laxative, and digestive preparations.	66,355	Nov. 26	131	1155
Childs, Lysander D., Chester, S. C. Carbonated water.	62,830	May 28	128	1682
Childs, Robert A., Syracuse, N. Y. Certain musical instruments.	61,401	Mar. 19	127	1248
Childs, Thomas M., Providence, R. I. Liquid tooth-cleansing compound.	65,958	Nov. 5	131	353
Chillington Tool Company, Limited, Wolverhampton, England. Horseshoes.	61,495	Mar. 26	127	1571
China & Japan Trading Company, Limited, New York, N. Y. Certain textiles.	60,011	Jan. 22	126	1352
China & Japan Trading Company, Limited, New York, N. Y. Certain textile fabrics.	62,528	May 14	128	879
China & Japan Trading Company, Limited, New York, N. Y. Certain textile fabrics.	62,529	May 14	128	879
China & Japan Trading Company, Limited, New York, N. Y. Unbleached sheetings, shirtings, drills, and flannels.	62,775	May 28	128	1681
China & Japan Trading Company, Limited, New York, N. Y. Unbleached sheetings, shirtings, drills, and flannels.	62,776	May 28	128	1681
China & Japan Trading Company, Limited, New York, N. Y. Unbleached sheetings shirtings, drills, and flannels.	62,777	May 28	128	1681
China & Japan Trading Company, Limited, New York, N. Y. Certain cotton textiles.	63,488	June 25	128	3281
China & Japan Trading Company, Limited, New York, N. Y. Unbleached sheetings, shirtings, drills, and flannels woven of cotton yarn.	63,519	June 25	128	3282
China & Japan Trading Company, Limited, New York, N. Y. Certain textiles.	63,695	July 2	129	475
China & Japan Trading Company, Limited, New York, N. Y. Unbleached sheetings, shirtings, drills, and flannels woven of cotton yarn.	63,697	July 2	129	475
China & Japan Trading Company, Limited, New York, N. Y. Unbleached sheetings, shirtings, drills, and flannels woven of cotton yarn.	63,733	July 2	129	476
China & Japan Trading Company, Limited, New York, N. Y. Sheetings, shirtings, drills, and flannels woven of cotton yarn.	63,752	July 9	129	863
China & Japan Trading Company, Limited, New York, N. Y. Sheetings, shirtings, drills, and flannels woven of cotton yarn.	64,235	July 30	129	2069
China & Japan Trading Company, Limited, New York, N. Y. Sheetings, shirtings, drills, and flannels woven of cotton yarn.	64,236	July 30	129	2069
China & Japan Trading Company, Limited, New York, N. Y. Sheetings, shirtings, drills, and flannels woven of cotton yarn.	64,237	July 30	129	2069
China & Japan Trading Company, Limited, New York, N. Y. Sheetings, shirtings, drills, and flannels woven of cotton yarn.	64,238	July 30	129	2069
China & Japan Trading Company, Limited, New York, N. Y. Unbleached sheetings, shirtings, drills, and flannels.	64,605	Aug. 13	129	2854
China & Japan Trading Company, Limited, New York, N. Y. Unbleached sheetings, shirtings, drills, and flannels.	64,774	Aug. 20	129	3156
China & Japan Trading Company, Limited, New York, N. Y. Sheetings, shirtings, drills, and flannels.	65,148	Sept. 10	130	650
China & Japan Trading Company, Limited, New York, N. Y. Sheetings, shirtings, drills, and flannels.	65,149	Sept. 10	130	650
China & Japan Trading Company, Limited, New York, N. Y. Sheetings, shirtings, drills, and flannels.	65,150	Sept. 10	130	650
China & Japan Trading Company, Limited, New York, N. Y. Sheetings, shirtings, drills, and flannels.	65,151	Sept. 10	130	650
China & Japan Trading Company Limited, New York, N. Y. Certain textiles.	65,152	Sept. 10	130	650
China & Japan Trading Company Limited, New York, N. Y. Certain textiles.	66,819	Dec. 31	131	2412
China & Japan Trading Company Limited, New York, N. Y. Certain textiles.	66,820	Dec. 31	131	2412
China & Japan Trading Company Limited, New York, N. Y. Certain textiles.	66,821	Dec. 31	131	2412
China & Japan Trading Company Limited, New York, N. Y. Certain textiles.	66,822	Dec. 31	131	2412
China & Japan Trading Company Limited, New York, N. Y. Certain textiles.	66,823	Dec. 31	131	2412
Chipman, Harwood & Co., Boston, Mass. Misses' and children's leather and canvas shoes.	64,085	July 23	129	1604
Chipman's Sons, Chas., Easton, Pa. Hosiery.	59,430	Jan. 8	126	750
Chipman's Sons, Chas., Easton, Pa. Hosiery.	59,431	Jan. 8	126	750
Chipman's Sons, Chas., Easton, Pa. Hosiery.	60,012	Jan. 22	126	1352
Chipman's Sons, Chas., Easton, Pa. Hosiery.	60,787	Feb. 19	126	3037
Chipmans Sons, Chas., Easton, Pa. Hosiery.	61,376	Mar. 19	127	1248
Chipmans Sons, Chas., Easton, Pa. Hosiery.	64,131	July 23	129	1606
Chisholm & Moore Manufacturing Company, Cleveland, Ohio. Hoists.	65,207	Sept. 10	130	652
Chisholm & Moore Manufacturing Company, Cleveland, Ohio. Hoists.	65,607	Oct. 8	130	1684
Chloride of Silver Dry Cell Battery Company, Baltimore, Md. Certain electrical apparatus.	60,128	Jan. 29	126	1769
Choate Drug and Chemical Company, Boston, Mass. Medicines for bronchial and pulmonary affections.	61,435	Mar. 19	127	1249
Chodorov, Harry, New York, N. Y. Mercerized cotton thread.	59,305	Jan. 8	126	747
Christian Bros. Co., Richmond, Va. Ginger-ale.	64,132	July 23	129	1606
Christy & Comp'y, Limited, London, England. Certain headwear.	63,577	June 25	128	3284
Chudeau, Henri, Malakoff, France. Oils and greases for preserving metals and for lubricating purposes.	60,894	Feb. 26	126	3416
Church & Dwight Co., New York, N. Y. Soda, saleratus, baking-powder, and sal-soda.	59,817	Jan. 15	126	1061
Church & Dwight Co., New York, N. Y. Soda, saleratus, baking-powder, and sal-soda.	60,407	Feb. 5	126	2185
Church & Dwight Company, New York, N. Y. Baking-soda, saleratus, and baking-powder.	59,095	Jan. 1	126	379
Church & Dwight Company, New York, N. Y. Saleratus and soda.	59,096	Jan. 1	126	379
Church & Dwight Company, New York, N. Y. Baking-powder, soda, saleratus, and sal-soda.	59,574	Jan. 8	126	754
Ciaburri & Fli, Enrico, Naples, Italy. Liqueurs.	66,486	Dec. 3	131	1417
Cie. de l'Industrie Electrique & Mécanique, Geneva and Sécheron, near Geneva, Switzerland. Automobiles.	60,129	Jan. 29	126	1769
Cie. Gle. de Phonographes Cinématographes et App. de Précision, Paris, France. Talking-machines and parts thereof.	65,669	Oct. 15	130	2062
Cie. Gle. de Phonographes Cinématographes et App. de Précision, Paris, France. Talking-machines and parts thereof.	65,670	Oct. 15	130	2062
Cifuentes, Fernandez y Ca., Havana, Cuba. Cigars.	60,514	Feb. 12	126	2582
Cifuentes, Fernandez y Ca., Havana, Cuba. Cigars.	60,515	Feb. 12	126	2582
Cifuentes, Fernandez y Ca., Havana, Cuba. Cigars.	60,516	Feb. 12	126	2582
Cincinnati Perfume Co., Cincinnati, Ohio. Flavoring extracts.	60,708	Feb. 19	126	3035
Cincinnati Soap Company, Cincinnati, Ohio. Soap.	62,951	June 4	128	2077
Cinyburg & Son, Karel, New York, N. Y. Salve.	62,995	June 4	128	2078
Ciotti, Vincenti & Co., Baltimore, Md. Maryland rye whisky.	62,378	Apr. 30	127	3638
Ciotti, Vincenti & Co., Baltimore, Md. Whisky.	65,922	Oct. 29	130	2715
Circleville Sealing Wax Co., Circleville, Ohio. Sealing-wax.	59,601	Jan. 15	126	1055
Cissna Cereal Coffee Co., Cissna Park, Ill. Cereal substitute for coffee.	65,257	Sept. 17	130	971
Citizens' Wholesale Supply Co., Columbus, Ohio. Toilet and laundry soaps.	59,375	Jan. 8	126	749
Citizens' Wholesale Supply Co., Columbus, Ohio. Leather blackings and dressings.	61,496	Mar. 26	127	1572
Citizens' Wholesale Supply Co., Columbus, Ohio. Certain bakery products, cereal foods, and yeast.	61,553	Mar. 26	127	1573
Citizens' Wholesale Supply Co., Columbus, Ohio. Certain oils.	61,619	Mar. 26	127	1575
Citizens' Wholesale Supply Co., Columbus, Ohio. Lubricating oils and greases.	62,145	Apr. 23	127	3209
Citizens' Wholesale Supply Co., Columbus, Ohio. Bicarbonate of soda.	62,610	May 14	128	882
Citizens' Wholesale Supply Co., Columbus, Ohio. Meat and salad sauces and dressings.	62,921	May 28	128	1685

Alphabetical list of registrants of trade-marks—Continued.

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Citizens' Wholesale Supply Co., Columbus, Ohio. Certain medicines.....	63,438	June 18	128	2832
Citizens' Wholesale Supply Company, Columbus, Ohio. Carpet, cloth, and glove cleaners.....	61,473	Mar. 26	127	1571
Citizens' Wholesale Supply Company, Columbus, Ohio. Wood and furniture polishes.....	61,629	Apr. 2	127	1985
Citizens' Wholesale Supply Company, Columbus, Ohio. Metal, stove, silver, and glass polishes.....	61,642	Apr. 2	127	1985
Citizens' Wholesale Supply Company, Columbus, Ohio. Cream of tartar.....	62,922	May 28	128	1685
Clarey, James, New York, N. Y. Certain ovens, and stoves, and burners.....	63,115	June 4	128	2081
Clark & Co. Ltd., Paisley, Scotland. Sewing-cotton, crochet, embroidery, and knitting cotton.....	59,158	Jan. 1	126	381
Clark & Co., Ltd., Paisley, Scotland. Sewing-cotton wound on spools or reels.....	65,258	Sept. 17	130	971
Clark-Horrocks Co., Utica, N. Y. Fishing-tackle.....	64,894	Aug. 27	129	3497
Clark, Preston, Peoria, Ill. Mineral waters and carbonated non-alcoholic beverages.....	63,116	June 4	128	2081
Clark Thread Co., Newark, N. J. Sewing-cotton or cotton thread.....	61,841	Apr. 9	127	2388
Clark Thread Co., Newark, N. J. Cotton thread.....	62,022	Apr. 16	127	2810
Clark Thread Co., Newark, N. J. Crochet-cotton or cotton thread.....	62,023	Apr. 16	127	2810
Clark Thread Co., Newark, N. J. Cotton thread.....	63,639	July 2	129	474
Clarke Bros., Scranton, Pa. Men's leather shoes.....	61,539	Mar. 26	127	1573
Clarke Bros., Scranton, Pa. Men's, boys', and youths' leather shoes.....	61,540	Mar. 26	127	1573
Clarke Bros., Scranton, Pa. Ladies' leather shoes.....	61,541	Mar. 26	127	1573
Clarke Bros., Scranton, Pa. Ladies' leather shoes.....	61,542	Mar. 26	127	1573
Clarke Bros., Scranton, Pa. Ladies', misses', and children's leather shoes.....	61,552	Mar. 26	127	1573
Clarke Bros., Scranton, Pa. Leather shoes.....	64,062	July 23	129	1604
Clarke Bros., Scranton, Pa. Leather shoes.....	64,239	July 30	129	2069
Clarkson & Ford Co., New York, N. Y. Lubricating-oil.....	61,072	Mar. 5	127	386
Clarkson & Ford Co., New York, N. Y. Cutting-oil.....	61,073	Mar. 5	127	386
Class Journal Co., New York, N. Y. Magazine issued weekly.....	66,501	Dec. 10	131	1681
Clay, John H., Philadelphia, Pa. Chemical fire-extinguishers.....	61,023	Feb. 26	126	3419
Clegg, Charles A., New York, N. Y. Spring and other drinking waters.....	65,435	Sept. 24	130	1305
Clement, Thomas J., Atlantic City, N. J. Fruit-juices.....	60,917	Feb. 26	126	3416
Cleveland-Akron Bag Co., Cleveland, Ohio. Paper bags.....	63,188	June 11	128	2522
Cleveland-Akron Bag Co., Cleveland, Ohio. Paper bags.....	63,189	June 11	128	2522
Cleveland-Akron Bag Co., Cleveland, Ohio. Paper bags.....	63,213	June 11	128	2523
Cleveland-Akron Bag Co., Cleveland, Ohio. Paper bags.....	63,214	June 11	128	2523
Cleveland-Akron Bag Co., Cleveland, Ohio. Paper bags.....	63,215	June 11	128	2523
Cleveland-Akron Bag Co., Cleveland, Ohio. Paper bags.....	63,452	June 18	128	2832
Cleveland-Akron Bag Co., Cleveland, Ohio. Paper bags.....	63,453	June 18	128	2832
Cleveland-Akron Bag Co., Cleveland, Ohio. Paper bags.....	63,454	June 18	128	2832
Cleveland-Akron Bag Co., Cleveland, Ohio. Paper bags.....	63,455	June 18	128	2832
Cleveland-Akron Bag Co., Cleveland, Ohio. Paper bags.....	63,456	June 18	128	2832
Cleveland-Akron Bag Co., Cleveland, Ohio. Paper bags.....	63,457	June 18	128	2832
Cleveland-Akron Bag Co., Cleveland, Ohio. Paper bags.....	63,458	June 18	128	2832
Cleveland-Akron Bag Co., Cleveland, Ohio. Paper bags.....	66,605	Dec. 17	131	1935
Cleveland Baking Powder Company, New York, N. Y. Baking-powder.....	63,803	July 9	129	864
Cleveland Frog and Crossing Company, Cleveland, Ohio. Frogs, crossings, switches, and switch-stands.....	63,216	June 11	128	2523
Cleveland Frog and Crossing Company, Cleveland, Ohio. Frogs, crossings, switches, and switch-stands.....	63,217	June 11	128	2523
Cleveland Gas & Electric Fixture Company, Cleveland, Ohio. Certain lighting-fixtures.....	62,105	Apr. 16	127	2812
Cleveland Mill and Power Company, Lawndale, N. C. Cotton clothes-lines.....	62,146	Apr. 23	127	3209
Cleveland Mill and Power Company, Lawndale, N. C. Cotton clothes-lines.....	62,147	Apr. 23	127	3209
Cleveland Provision Co., Cleveland, Ohio. Cured pork, and especially bacon, hams, and shoulders thereof.....	63,698	July 2	129	475
Cleveland Provision Co., Cleveland, Ohio. Bacons, hams, shoulders, and sausages.....	63,699	July 2	129	475
Cleveland Punch and Shear Works Co., Cleveland, Ohio. Certain named machines.....	59,400	Jan. 8	126	749
Clewell & Son, Thos. B., Allentown, Pa. Potato-chips.....	66,039	Nov. 5	131	355
Cliff, August, Chicago, Ill. Certain food preparations.....	64,438	Aug. 6	129	2496
Clifford Bros., Cleveland, Ohio. Charcoal.....	66,831	Dec. 31	131	2412
Clifton Manufacturing Company, Clifton, S. C. Sheetings, shirtings, and drillings.....	66,548	Dec. 10	131	1682
Climax Coffee & Baking Powder Co., Indianapolis, Ind. Coffee.....	64,514	Aug. 13	129	2851
Climax Coffee & Baking Powder Co., Indianapolis, Ind. Baking-powder.....	64,628	Aug. 13	129	2854
Climax Milling Co., Hopkinsville, Ky. Wheat-flour.....	65,522	Oct. 8	130	1682
Climax Milling Co., Hopkinsville, Ky. Wheat-flour.....	65,695	Oct. 15	130	2063
Climax Patents Limited, Manchester, England. Certain machinery.....	65,352	Sept. 24	130	1303
Climax Refining Company, Minneapolis, Minn. Illuminating-oils and lubricating oils and greases.....	62,394	May 7	128	449
Climax Refining Company, Minneapolis, Minn. Illuminating-oils and lubricating oils and greases.....	62,395	May 7	128	449
Clinton Canning Co., Rome and Clinton, N. Y. Canned vegetables.....	61,219	Mar. 12	127	841
Clinton Canning Co., Rome and Clinton, N. Y. Canned fruits and vegetables.....	61,220	Mar. 12	127	841
Clinton Canning Co., Rome and Clinton, N. Y. Canned vegetables.....	61,234	Mar. 12	127	841
Clinton Canning Co., Rome and Clinton, N. Y. Canned vegetables.....	61,235	Mar. 12	127	841
Clinton Canning Co., Rome and Clinton, N. Y. Canned vegetables.....	61,236	Mar. 12	127	841
Clio Waist Co., New York, N. Y. Certain clothing.....	63,263	June 11	128	2524
Cloftlin Chemical Company, New York, N. Y. Emulsions of cod-liver oil.....	62,720	May 21	128	1287
Cloftlin Chemical Company, New York, N. Y. Emulsions of cod-liver oil.....	62,898	May 28	128	1684
Closset & Devers, Portland, Oreg. Coffee and tea.....	65,822	Oct. 22	130	2368
Clover Leaf Overall Mfg. Co., Jefferson City, Mo. Overalls, pants, and coats.....	64,133	July 23	129	1606
Clover Leaf Wine Co., New York, N. Y. Claret-wine.....	63,904	July 16	129	1261
Clysmic Spring Co., New York, N. Y. Natural mineral water.....	66,871	Dec. 31	131	2413
Coakley & Meader, New York, N. Y. Stock food composed of grains and molasses.....	59,219	Jan. 1	126	382
Coalite Limited, London, England. Coal, coke, breeze, and partially-coked coal.....	66,405	Nov. 26	131	1156
Coalite Limited, London, England. Certain fuel.....	66,502	Dec. 10	131	1681
Coast Manufacturing & Supply Co., Berkeley, Cal. Fuses.....	61,643	Apr. 2	127	1985
Coast Manufacturing & Supply Co., Berkeley, Cal. Fuses.....	61,644	Apr. 2	127	1985
Coast Manufacturing & Supply Co., Berkeley, Cal. Fuses.....	62,195	Apr. 23	127	3211
Coast Manufacturing & Supply Co., Berkeley, Cal. Fuses.....	62,242	Apr. 30	127	3635
Coast Manufacturing & Supply Co., Berkeley, Cal. Fuses.....	62,243	Apr. 30	127	3635
Coast Manufacturing & Supply Co., Berkeley, Cal. Fuses.....	62,244	Apr. 30	127	3635
Coates, Mary D., 2nd, Chester, Pa. Toy-holding belts, hoops, or girdles.....	61,746	Apr. 2	127	1988
Cobb & Co., Francis, Rockland, Me. Wheat-flour.....	60,855	Feb. 26	126	3415
Cochran & Co., Belfast, Ireland. Ginger-ale, soda-water, and aerated sarsaparilla.....	60,895	Feb. 26	126	3416
Coe, Clarke E., Memphis, Tenn. Molasses.....	59,220	Jan. 1	126	382
Coe, Clarke E., Memphis, Tenn. Molasses.....	59,221	Jan. 1	126	382
Coes Wrench Co., Worcester, Mass. Wrenches.....	64,696	Aug. 20	129	3154
Coffin, Cora A., Seattle, Wash. Canned fig-pudding.....	64,566	Aug. 13	129	2853
Coffin-Fletcher Packing Co., Indianapolis, Ind. Cured, dressed, cooked, and canned meats, lard, and sausage.....	64,775	Aug. 20	129	3156
Cohan & Harris, New York, N. Y. Weekly newspapers and magazines.....	65,436	Sept. 24	130	1305
Cohen, Adolph, New York, N. Y. Outer waists, outer skirts, and suits.....	61,074	Mar. 5	127	386
Cohen, Joseph, New York, N. Y. Corsets.....	63,924	July 16	129	1262

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Colbert, Frederick, Butte, Mont. Medicine	61,414	Mar. 19	127	1249
Cole & Co., J. W., Black River Falls, Wis. Salves, soft salves, ointments, and unguents	65,583	Oct. 8	130	1684
Cole, Elias G., Fairchild, Wis. Remedy for stomach and bowel troubles	59,536	Jan. 8	126	753
Cole, John, Lishaskill, N. Y. Remedy for corns, bunions, and warts	65,172	Sept. 10	130	651
Coleman Mining Co., Louisville, Ky. Coal	66,040	Nov. 5	131	355
Coleman's Mustard Sardines Company, New York, N. Y. Mustard-sardines	64,728	Aug. 20	129	3155
Colgate & Co., New York, N. Y. Soap	59,047	Jan. 1	126	378
Colgate & Co., New York, N. Y. Certain medicinal and toilet preparations	60,595	Feb. 12	126	2585
Colgate & Co., New York, N. Y. Soaps and soap powders	60,647	Feb. 19	126	3033
Colgate & Co., New York, N. Y. Perfumery, talc powder, and toilet water	60,830	Feb. 19	126	3038
Colgate & Co., New York, N. Y. Soap	61,829	Apr. 9	127	2388
Colgate & Co., New York, N. Y. Perfumery, talc powder, and toilet water	62,050	Apr. 16	127	2811
Colgate & Co., New York, N. Y. Soaps for toilet, laundry, and household use, and shaving-soap	63,218	June 11	128	2523
Colgate & Co., New York, N. Y. Soaps	63,219	June 11	128	2523
Colgate & Co., New York, N. Y. Liquid and powder perfumes and toilet waters	63,264	June 11	128	2524
Collins, Bradford M., Providence, R. I. Candy kisses with nuts in them	59,848	Jan. 22	126	1347
Collins Company, Collinsville, Conn. Certain edge-tools	60,424	Feb. 5	126	2185
Collins Company, Collinsville, Conn. Certain hand-tools	62,290	Apr. 30	127	3636
Collins Company, Collinsville, Conn. Certain hand-tools	62,291	Apr. 30	127	3636
Collins Company, Collinsville, Conn. Certain cutlery and edge-tools	62,633	May 21	128	1285
Collins Company, Collinsville, Conn. Machetes and tercados	63,015	June 4	128	2079
Collins Company, Collinsville, Conn. Machetes and tercados	63,016	June 4	128	2079
Collins Company, Collinsville, Conn. Machetes and tercados	63,017	June 4	128	2079
Collins Company, Collinsville, Conn. Axes	63,190	June 11	128	2522
Collins Company, Collinsville, Conn. Axes	63,191	June 11	128	2522
Collins Company, Collinsville, Conn. Axes	63,220	June 11	128	2523
Collins Company, Collinsville, Conn. Axes	63,221	June 11	128	2523
Collins Company, Collinsville, Conn. Axes	63,222	June 11	128	2523
Collins & Company, New York, N. Y. Cotton shrunks	61,938	Apr. 9	127	2390
Collins & Company, New York, N. Y. Cotton shrunks	61,939	Apr. 9	127	2390
Collins & Company, New York, N. Y. Cotton shrunks	62,450	May 7	128	450
Collins & Company, New York, N. Y. Cotton shrunks	62,451	May 7	128	450
Collins & Company, New York, N. Y. Cotton shrunks	64,134	July 23	129	1606
Collins Hardware Company, Lynn, Mass. Felt roofing	62,148	Apr. 23	127	3209
Collodin Manufacturing Co., New York, N. Y. Adhesive paste	60,097	Jan. 29	126	1768
Collonoid Company, Leominster, Mass. Comb-polish	65,584	Oct. 8	130	1684
Collver Tours Company, Boston, Mass. Books and pamphlets of travel	61,665	Apr. 2	127	1986
Colonial Paint Company, Cleveland, Ohio. Varnish-stains	65,793	Oct. 22	130	2367
Colorado Syrup Company, Denver, Colo. Beet-sugar syrup	59,306	Jan. 8	126	747
Colton, George S., Easthampton, Mass. Elastic webbing	61,940	Apr. 9	127	2390
Columbia Carriage Co., Hamilton, Ohio. Certain road-vehicles	66,586	Dec. 17	131	1935
Columbia Chemical Works, Brooklyn, N. Y. Aqua-ammonia	60,715	Feb. 19	126	3035
Columbia Chemical Works, Brooklyn, N. Y. Aqua-ammonia	61,007	Feb. 26	126	3419
Columbia Coffee Mills Ltd., New Orleans, La. Coffee and chicory compound	63,719	July 2	129	476
Columbia Mill & Elevator Company, Columbia, Tenn. Wheat-flour	66,386	Nov. 26	131	1156
Columbia Phonograph Company, New York, N. Y. Talking-machine records, talking-machines, and supplies therefor	61,237	Mar. 12	127	841
Columbia Phonograph Company, General, New York, N. Y. Talking-machine sound-records	64,914	Aug. 27	129	3497
Columbia Steel Company, Hartford, Conn. Steel	63,192	June 11	128	2522
Columbia Wagon Co., Columbia, Pa. Farm-wagons, delivery-wagons, carts, and dumping-wagons	61,436	Mar. 19	127	1249
Columbian Hardware Company, Cleveland, Ohio. Heating and ventilating registers and faces and borders therefor	59,659	Jan. 15	126	1057
Columbian Rope Company, Auburn, N. Y. Certain cordage	61,075	Mar. 5	127	386
Columbian Rope Company, Auburn, N. Y. Certain cordage	65,092	Sept. 10	130	649
Columbus Buggy Company, Columbus, Ohio. Buggies and wagons	62,634	May 21	128	1285
Columbus Plate & Window Glass Company, Lancaster, Ohio. Window-glass	64,232	Aug. 6	129	2493
Combemale, Frédéric, Paris, France. Certain named medicine	59,246	Jan. 1	126	383
Comfort Powder Company, Hartford, Conn. Toilet powder	59,776	Jan. 15	126	1060
Comfort Powder Company, Hartford, Conn. Soap	60,254	Feb. 5	126	2181
Comfort Suspender Co., St. Louis, Mo. Suspender-buckles	65,208	Sept. 10	130	652
Commercial Manufacturing Company, Philadelphia, Pa. Automatic fuel-economizers for gas-stoves	60,675	Feb. 19	126	3034
Commercial Milling Co., Detroit, Mich. Wheat-flour	62,688	May 21	128	1286
Commercial Milling Company, Detroit, Mich. Wheat-flour	61,554	Mar. 26	127	1573
Commonwealth Glue Company, Boston, Mass. Solid and liquid glue	64,697	Aug. 20	129	3154
Compagnie Ray mit beschränkter Haftung, Berlin, Germany. Soap	66,657	Dec. 17	131	1937
Compton, W. E., Redditch, England. Fish-hooks	65,988	Nov. 5	131	354
Comstock, Herbert C., New York, N. Y. Shock-absorbers for automobiles	65,259	Sept. 17	130	971
Concordia Milling Company, Concordia, Kans. Wheat-flour	62,937	May 28	128	1685
Concordia Milling Company, Concordia, Kans. Pancake-flour	62,938	May 28	128	1685
Confectioners' Journal Publishing Co., Philadelphia, Pa. Periodical	61,437	Mar. 19	127	1249
Congdon, Charles E., Jamestown, Cal. Tablet remedy for malaria, chills, and fever	62,981	June 4	128	2078
Conida, Paul, Savannah, Ga. Bonbons and chocolates	64,931	Aug. 27	129	3498
Conklin, Horace E., Binghamton, N. Y. Grass-seed	62,743	May 21	128	1288
Connecticut Tool Company, Bridgeport, Conn. Thread-cutting dies	66,324	Nov. 19	131	938
Connelly & Sons, James, Philadelphia, Pa. Cotton cheviers for shirtings	60,971	Feb. 26	126	3418
Conner, John P., West New Brighton, N. Y. Printing-ink reducers and driers	62,343	Apr. 30	127	3637
Conover Creamery Co., Dayton, Ohio. Butter	59,222	Jan. 1	126	382
Conrad, Charles H., Chicago, Ill. Coffee	59,809	Jan. 15	126	1060
Conservenfabrik Lenzburg vorm, Henckell & Roth A. G., Lenzburg, Switzerland. Certain carbonated beverages	65,671	Oct. 15	130	2062
Consolidated Cotton Duck Company, Baltimore, Md. Cotton duck	66,466	Dec. 3	131	1417
Consolidated Cross-Tie Company, Jersey City, N. J. Railway cross-ties	63,741	July 2	129	476
Consolidated Hoof Pad Company, New York, N. Y. Hoof-pads for horses	59,401	Jan. 8	126	749
Consolidated Rosendale Cement Company, Kingston, N. Y. Rosendale cement	63,925	July 16	129	1262
Consolidated Rosendale Cement Company, Kingston, N. Y. Rosendale cement	63,926	July 16	129	1262
Consolidated Rubber Company, Trenton, N. J. Rubber fruit-jar rings	66,872	Dec. 31	131	2413
Construction News Company, Chicago, Ill. Magazine	59,821	Jan. 22	126	1347
Consumers' Brewing Co., Norfolk, Va. Beer	65,163	Sept. 10	130	651
Consumers Coal Co., Springfield, Ohio. Coal	62,974	June 4	128	2077
Continental Caoutchouc-und Guttapercha-Compagnie, Hanover, Germany. India-rubber balls	59,432	Jan. 8	126	750
Continental-Caoutchouc-und Gutta-Percha-Compagnie, Hanover, Germany. Certain rubber articles	63,305	June 11	128	2525
Continental Color and Chemical Co., New York, N. Y. Certain chemicals	61,024	Feb. 26	126	3419
Continental Iron Works, Brooklyn, N. Y. Certain boilers, furnaces, and parts thereof	62,507	May 14	128	879
Continental Iron Works, Brooklyn, N. Y. Turbine-rotors, turbine cylindrical shafting, twyers	62,530	May 14	128	879
Continental Iron Works, Brooklyn, N. Y. Certain metal manufactures	62,635	May 21	128	1285

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Continental Iron Works, Brooklyn, N. Y. Metal pipes, metal gas-pipes.	63,927	July 16	129	1262
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Certain vegetable materials.	63,598	June 25	128	3284
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Certain vegetable materials.	63,599	June 25	128	3284
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Certain vegetable materials.	63,600	June 25	128	3284
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Certain vegetable materials.	63,601	June 25	128	3284
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Certain vegetable materials.	63,603	June 25	128	3284
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Certain vegetable materials.	63,827	July 9	129	865
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Certain vegetable materials.	63,852	July 9	129	866
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Certain vegetable materials.	64,421	Aug. 6	129	2495
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Certain vegetable substances.	64,491	Aug. 13	129	2851
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Certain rubber and rubber gums.	64,811	Aug. 20	129	3157
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Certain rubber and rubber gums.	64,812	Aug. 20	129	3157
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Certain rubber and rubber gums.	64,813	Aug. 20	129	3157
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Certain rubber and rubber gums.	64,814	Aug. 20	129	3157
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Certain rubber and rubber gums.	64,815	Aug. 20	129	3157
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Rubber and rubber gums.	65,766	Oct. 22	130	2366
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Rubber and rubber gums.	65,767	Oct. 22	130	2366
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Rubber and rubber gums.	65,768	Oct. 22	130	2366
Continental Rubber Company, Jersey City, N. J., and New York, N. Y. Rubber and rubber gums.	65,769	Oct. 22	130	2366
Conway Bros. Brewing & Malting Co., Troy, N. Y. Ale.	60,246	Jan. 29	126	1772
Conway, Lysander B., Jr., Danville, Va. Hosiery.	59,321	Jan. 8	126	747
Cook, Barron C., Rock Hill, S. C. Cement for leather and wood.	59,630	Jan. 15	126	1056
Cook & Bernheimer Co., New York, N. Y. Whisky.	65,923	Oct. 29	130	2715
Cook & Co., E. D., Binghamton, N. Y. Cooking compound made from vegetable oils and beef fats.	63,390	June 18	128	2830
Cook, Frank B., Chicago, Ill. Certain electrical goods.	65,936	Oct. 29	130	2715
Cook and Howard, Portland, Me. Metal-polishing material.	64,470	Aug. 6	129	2496
Cook Medicine Co., T. L., Winston Salem, N. C. Certain medicines.	63,066	June 4	128	2080
Cookson & Company, Limited, Newcastle-upon-Tyne, England. Hard lead.	65,717	Oct. 22	130	2365
Cookson & Company, Limited, Newcastle-upon-Tyne, England. Antimony, pig-lead, and sheet-lead.	65,718	Oct. 22	130	2365
Cookson & Company, Limited, Newcastle-upon-Tyne, England. Antimony in ingots.	65,719	Oct. 22	130	2365
Coombs, John T., Boston, Mass. Certain medicinal preparation.	61,274	Mar. 12	127	842
Cooper, Joseph P., Jersey City, N. J. Food product made from egg-albumen and milk.	66,406	Nov. 26	131	1156
Cooper & McKee, New York, N. Y. Cigar-cabinets.	61,555	Mar. 26	127	1573
Cooper, Plincy E., Minneapolis, Minn. Wheat-flour.	64,439	Aug. 6	129	2496
Cooper, Wells & Co., St. Joseph, Mich. Hosiery.	59,322	Jan. 8	126	747
Co-operative Foundry Co., Rochester, N. Y. Stoves, ranges, furnaces, and heaters.	62,721	May 21	128	1287
Copal Varnish Co. Ltd., London, England. Paints, varnishes, and anticorrosive paints.	60,270	Feb. 5	126	2181
Copeland & Co., Charles C., New York, N. Y. Cotton piece goods.	60,408	Feb. 5	126	2185
Copeland & Co., Charles C., New York, N. Y. Cotton piece goods.	61,438	Mar. 19	127	1250
Copeland & Co., Charles C., New York, N. Y. Cotton, cotton and silk, and cotton and wool piece goods.	61,479	Mar. 26	127	1571
Copeland & Co., Charles C., New York, N. Y. Certain cotton piece goods.	61,700	Apr. 2	127	1987
Corazzini, Emilia L., Providence, R. I. Olive-oil.	59,810	Jan. 15	126	1060
Corbett Bros. Co., Paterson, N. J., and New York, N. Y. Ribbons.	64,586	Aug. 13	129	2853
Corbin & Co., H. F., Cincinnati, Ohio. Whisky.	61,091	Mar. 5	127	386
Corbin, Sons & Co., Chicago, Ill. Tea.	63,700	July 2	129	475
Corby Brothers, Washington, D. C. Bread and rolls.	59,433	Jan. 8	126	750
Cordier, Eugène, Parthenay, France. Certain medicines.	64,845	Aug. 27	129	3495
Corn Products Refining Company, Jersey City, N. J., and New York, N. Y. Glucose.	63,306	June 11	128	2525
Corn Products Refining Company, Jersey City, N. J., and New York, N. Y. Glucose.	63,307	June 11	128	2525
Corn Products Refining Company, New York, N. Y. Corn-starch.	63,439	June 18	128	2832
Corn Products Refining Co., New York, N. Y. Corn-starch.	63,928	July 16	129	1262
Corn Products Refining Co., New York, N. Y. Laundry starch.	63,929	July 16	129	1262
Corn Products Refining Co., New York, N. Y. Corn-starch.	63,930	July 16	129	1262
Corn Products Refining Company, New York, N. Y. Corn-oil.	66,448	Nov. 26	131	1157
Corn Products Refining Company, New York, N. Y. Corn-oil.	66,449	Nov. 26	131	1157
Cornely & Fils, E., Paris, France. Sewing-machines and attachments.	65,041	Sept. 3	130	295
Corning and Company, Peoria, Ill. Gin.	62,149	Apr. 23	127	3209
Corno Mills Company, East St. Louis, Ill. Certain cereal foods.	65,260	Sept. 17	130	971
Corno Mills Company, East St. Louis, Ill. Certain cereal foods.	66,407	Nov. 26	131	1156
Corona Supply Co., Rochester, N. Y. Carbon-paper and type-writer ribbons.	61,727	Apr. 2	127	1987
Coronet Corset Company, Jackson, Mich. Corsets, bustles, and bust-forms.	61,870	Apr. 9	127	2389
Corry Chair Co., Erie, Pa. Chairs.	64,961	Sept. 3	130	293
Corset H Company, Worcester, Mass. Corsets.	60,013	Jan. 22	126	1352
Corset H Company, Worcester, Mass. Corsets.	60,014	Jan. 22	126	1352
Cortright Metal Roofing Company, Philadelphia, Pa. Stamped metal parts used for roofing and wall-covering purposes.	62,452	May 7	128	450
Cortright Metal Roofing Company, Philadelphia, Pa. Stamped metal parts used for roofing and wall-covering purposes.	62,468	May 7	128	451
Cortright Metal Roofing Company, Philadelphia, Pa. Stamped metal parts used for roofing and wall-covering purposes.	62,469	May 7	128	451
Cortright Metal Roofing Company, Philadelphia, Pa. Stamped metal parts used for roofing and wall-covering purposes.	62,531	May 14	128	880
Cosby Shoe Co. Incorporated, Lynchburg, Va. Leather boots and shoes.	66,227	Nov. 19	131	935
Cosby Shoe Co. Incorporated, Lynchburg, Va. Leather boots and shoes.	66,228	Nov. 19	131	935
Cosby Shoe Co. Incorporated, Lynchburg, Va. Leather boots and shoes.	66,229	Nov. 19	131	935
Cosby Shoe Co. Incorporated, Lynchburg, Va. Leather boots and shoes.	66,230	Nov. 19	131	935
Cosby Shoe Co. Incorporated, Lynchburg, Va. Leather boots and shoes.	66,356	Nov. 26	131	1155
Cosby Shoe Co. Incorporated, Lynchburg, Va. Leather boots and shoes.	66,503	Dec. 10	131	1681
Cote, Louis J., Berlin, N. H. Remedies for certain diseases.	63,164	June 11	128	2521
Cote, Louis J., Berlin, N. H. Remedies for certain diseases.	63,165	June 11	128	2521
Cotto-Waxo Company, St. Louis, Mo. Certain chemical compounds.	61,941	Apr. 9	127	2390
Couch Bros. & J. J. Egan Co., Atlanta and East Point, Ga. Collars, collar-pads, and back-bands for horses.	61,109	Mar. 5	127	387
Coughlet Company, Reading, Pa. Sugar-coated tablets for the throat and voice.	65,173	Sept. 10	130	651
Councilman, Frank D., Harrison Valley, Pa. Mineral and table waters and all non-alcoholic carbonated beverages.	63,363	June 18	128	2830

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Courtney Shoe Co., St. Louis, Mo. Leather boots and shoes.	66,095	Nov. 12	131	685
Covert Manufacturing Co., Watervliet, N. Y. Snap-hooks.	66,041	Nov. 5	131	355
Covert Mfg. Co., Watervliet, N. Y. Snap-hooks.	62,000	Apr. 16	127	2810
Covert Mfg. Co., Watervliet, N. Y. Certain metal articles.	65,937	Oct. 29	130	2715
Covert Mfg. Co., Watervliet, N. Y. Certain metal articles.	66,096	Nov. 12	131	685
Coward, James S., New York, N. Y. Certain medicine.	65,174	Sept. 10	130	651
Coweta Fertilizer Company, Newnan, Ga. Fertilizers.	59,722	Jan. 15	126	1058
Coweta Fertilizer Company, Newnan, Ga. Fertilizers.	59,723	Jan. 15	126	1058
Cox Blodgett Dry Goods Company, Wichita, Kans. Pants, overalls, jumpers, dress and negligée shirts.	63,804	July 9	129	864
Craddock-Terry Company, Lynchburg, Va. Leather boots and shoes.	64,587	Aug. 13	129	2853
Craig, William D., Kansas City, Mo. Paint.	62,952	June 4	128	2077
Crail, Samuel B., Collingswood, N. J. Hard-wood and furniture polish.	62,953	June 4	128	2077
Cramer, Joseph C., Portland, Oreg. Internal remedies used in treatment of constipation and intestinal disorders.	60,831	Feb. 19	126	3038
Crane & Backus, Newark, N. J. Earthenware lavatories, bath-tubs, water-closets, urinals, and sinks.	64,776	Aug. 20	129	3156
Crane Bros., Westfield, Mass. Articles made of molded linen fiber.	64,333	Aug. 6	129	2493
Crane Company, Chicago, Ill. Magazines.	64,027	July 23	129	1603
Crane, Z. & W. M., Dalton, Mass. Writing-paper and envelopes.	62,589	May 14	128	881
Craven Chemical Company, Newbern, N. C. Fertilizers.	61,543	Mar. 26	127	1573
Craven Chemical Company, Newbern, N. C. Fertilizers.	61,544	Mar. 26	127	1573
Craven Chemical Company, Newbern, N. C. Fertilizers.	61,854	Apr. 9	127	2388
Cravenette Company, Ltd., Bradford, England. Cotton, woolen, worsted, silk, and hair piece goods.	61,701	Apr. 2	127	1987
Crawford, Allan, Bolivar, Tenn. Cure for hog-cholera and diseases of cattle.	60,832	Feb. 19	126	3038
Crawford McGregor & Canby Co., Dayton, Ohio. Boot and shoe lasts.	65,938	Oct. 29	130	2715
Crawford, S. P., Indian Creek, Tex. Veterinary medicine.	65,853	Oct. 29	130	2713
Cream of Wheat Co., Minneapolis, Minn. Wheat breakfast food.	63,805	July 9	129	864
Cream of Wheat Co., Minneapolis, Minn. Wheat breakfast food.	63,806	July 9	129	864
Cream of Wheat Co., Minneapolis, Minn. Wheat breakfast food.	63,807	July 9	129	864
Creamer & Co., Wm., Baltimore, Md. Certain cleaning compound.	65,752	Oct. 22	130	2306
Creamery Baking Powder Company, Indianapolis, Ind. Baking-powder.	65,627	Oct. 15	130	2061
Creed, Arthur L., Hartford, Conn. Pianos.	59,159	Jan. 1	126	381
Crego, Oscar M., New York, N. Y. Cheese.	66,285	Nov. 19	131	937
Crescent Manufacturing Co., Seattle, Wash. Tea.	60,451	Feb. 12	126	2581
Crescent Manufacturing Co., Seattle, Wash. Syrup.	63,545	June 25	128	3283
Crescent Milling Company, Minneapolis, Minn. Wheat-flour.	66,587	Dec. 17	131	1935
Crete Mills, Crete, Nebr. Wheat-flour.	60,271	Feb. 5	126	2181
Crew, Chas. H., Richmond, Va. Soaps and soap powder.	65,195	Sept. 10	130	651
Cristadoro, Alexander, New York, N. Y. Hair- tonic.	65,369	Sept. 24	130	1303
Criswell Chemical Company, Washington, D. C. Certain medicinal preparation.	60,833	Feb. 19	126	3038
Criswell Chemical Company, Washington, D. C. Cure for corns, warts, bunions, and calluses.	60,834	Feb. 19	126	3038
Crocov, Peter G., Pittsburg, Pa. Cigars.	62,520	May 14	128	879
Crofut & Knapp Co., South Norwalk, Conn. Fur hats.	66,857	Dec. 31	131	2412
Cromwell, Philip G., Baltimore, Md. Hams, shoulders, sides, and bacon.	59,097	Jan. 1	126	379
Cross, Arthur H., New York, N. Y. Preparation for cleansing and polishing.	60,648	Feb. 19	126	3033
Cross & Company, New York, N. Y. Cement for mending crockery and household articles.	63,095	June 4	128	2081
Cross Photo Paper Co., Rochester, N. Y. Photographic papers.	62,923	May 28	128	1685
Cross Photo Paper Co., Rochester, N. Y. Photographic-printing papers.	64,440	Aug. 6	129	2496
Cross Photo Paper Co., Rochester, N. Y. Photographic chemicals.	64,372	Aug. 27	129	3496
Crowell Publishing Company, New York, N. Y. Paper patterns for garments.	59,822	Jan. 22	126	1347
Crowley, John A., New York, N. Y. Tool-steel.	60,130	Jan. 29	126	1769
Crown Battery Company, New York, N. Y. Dry batteries.	63,605	July 2	129	473
Crown Cork and Seal Co. of Baltimore City, Baltimore, Md. Metallic bottle-stopper.	61,892	Apr. 9	127	2389
Crown Cork & Seal Company, Baltimore, Md. Metallic cork-lined bottle-stoppers.	59,021	Jan. 1	126	377
Cruellas, Ramon, Havana, Cuba. Flour made from bananas.	60,649	Feb. 19	126	3033
Cruellas, Ramon, Havana, Cuba. Flour made from bananas.	60,856	Feb. 26	126	3415
Cudahy Packing Co., Chicago, Ill., and South Omaha, Nebr. Lye and washing-soda.	64,629	Aug. 13	129	2854
Cudahy Packing Company. (See Gibson Soap Company, assignor.)				
Cudahy Packing Company, Chicago, Ill., and South Omaha, Nebr. Cured, smoked, and canned meats.	59,098	Jan. 1	126	379
Cudahy Packing Company, Chicago, Ill., and South Omaha, Nebr. Soap powder.	59,183	Jan. 1	126	381
Cudahy Packing Company, Chicago, Ill., and South Omaha, Nebr. Cured, smoked, and sweet-pickled meats.	61,221	Mar. 12	127	841
Cudahy Packing Company, Chicago, Ill., and South Omaha, Nebr. Abrasive cleansing, polishing, and scouring preparation.	62,127	Apr. 23	127	3200
Cudahy Packing Company, Chicago, Ill., and Los Angeles, Cal. Lard substitute.	64,962	Sept. 3	130	298
Cuesta, Rey & Co., West Tampa, Fla. Cigars.	60,015	Jan. 22	126	1352
Cuesta, Rey & Co., West Tampa, Fla. Cigars.	60,148	Jan. 29	126	1769
Cunz, Jakob, Bürglen, Switzerland. Knitted woolen goods.	59,978	Jan. 22	126	1361
Cupples & Leon, New York, N. Y. Printed books of fiction.	61,842	Apr. 9	127	2388
Currey, Herschel E., Baker City, Oreg. Compound in suppository form for the cure and alleviation of female disorders.	60,387	Feb. 5	126	2184
Currier, Frank J., Lynn, Mass. Leather shoes.	61,249	Mar. 12	127	842
Curtice Brothers Company, Rochester, N. Y. Certain named foods.	59,777	Jan. 15	126	1060
Curtis & Curtis Company, Bridgeport, Conn. Pipe threading and cutting machines.	62,279	Apr. 30	127	3636
Curtis, Geo. B., Chicago, Ill. Certain medicinal and toilet preparations.	63,193	June 11	128	2522
Cushman & Denison Manufacturing Company, New York, N. Y. Hand-oilers.	59,958	Jan. 22	126	1350
Cushman & Denison Manufacturing Company, New York, N. Y. Pencils.	64,352	Aug. 6	129	2493
Cutaway Harrow Company, Higganum, Conn. Harrows, plows, cultivators, horse-hoes, seeders, lawn and field rollers.	61,507	Mar. 26	127	1572
Cutler, C. F., Deep River, Iowa. Medicines for blood diseases of horses, mules, and cattle.	61,402	Mar. 19	127	1249
Cutler, William C., Sawtelle, Cal. Liquor and tobacco cure.	64,630	Aug. 13	129	2854
Cyclists' Touring Club, London, England. Lockets, brooches, and badges.	60,226	Jan. 29	126	1771
Cyclone Drilling Machine Co., Orrville, Ohio. Drilling-machines.	62,429	May 7	128	450
D. A. de Lima & Co., Incorporated, New York, N. Y. Chick and poultry food.	63,995	July 16	129	1263
D. L. Arey Distilling Co., Salisbury, N. C. Whisky.	65,062	Sept. 3	130	295
Dacotah Manufacturing Co., St. Paul, Minn. Certain clothing.	66,325	Nov. 19	131	938
Dadabhoj & Co., New York, N. Y. Coffee.	60,857	Feb. 26	126	3415
Daggett & Clap Co., Attleboro, Mass. Jewelry for personal adornment.	65,395	Sept. 24	130	1304
Daggett & Ramsdell, New York, N. Y. Cold-cream.	61,025	Feb. 26	126	3419
Daimler-Motoren-Gesellschaft, Untertürkheim, near Stuttgart, Germany. Certain machinery.	65,353	Sept. 24	130	1303
Daimler-Motoren-Gesellschaft, Untertürkheim, near Stuttgart, Germany. Chisels, files, saws, and punches provided with a cutting edge.	65,354	Sept. 24	130	1303
Daimler-Motoren-Gesellschaft, Untertürkheim, near Stuttgart, Germany. Certain leather goods.	65,437	Sept. 24	130	1305

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Daimler-Motoren-Gesellschaft, Untertürkheim, near Stuttgart, Germany. Certain rubber goods.	65,989	Nov. 5	131	354
Dallas Oil & Refining Co., Dallas, Tex. Cotton-seed meal and cotton-seed oil.	60,272	Feb. 5	126	2181
Dalsimer, Sylvan, Philadelphia, Pa. Shoes constructed of leather or partially of leather.	62,744	May 21	128	1288
Dameron-Pierson Co. Ltd., New Orleans, La. Certain paper manufactures.	60,189	Jan. 29	126	1770
Dampicide Company, Owego, N. Y. Certain chemical preparation.	64,305	July 30	129	2071
Daniel Crawford & Son Limited, Glasgow, Scotland. Whisky.	64,846	Aug. 27	129	3495
Daniel, John B., Atlanta, Ga. Sedative, antispasmodic, and nerve tonic.	63,546	June 25	128	3283
Daprato Statuary Company, Chicago, Ill. Statuary.	66,705	Dec. 24	131	2139
Darbyshire, L., Rochester, N. Y. Monthly magazine.	60,452	Feb. 12	126	2581
David Brown & Son Limited, Donaghmore, Ireland. Soap.	62,954	June 4	128	2077
David Brown & Son Limited, Donaghmore, Ireland. Soap.	64,277	July 30	129	2070
David C. Cook Publishing Company, Elgin, Ill. Monthly periodical.	62,128	Apr. 23	127	3209
David Hunt & Co., New York, Oswego, and Cherry Creek, N. Y. Canned fruits and vegetables.	59,307	Jan. 8	126	747
David Hunt & Co., New York, Oswego, and Cherry Creek, N. Y. Canned fruits and vegetables.	59,537	Jan. 8	126	753
David Hunt & Co., New York, Oswego, and Cherry Creek, N. Y. Canned fruits and vegetables.	60,650	Feb. 19	126	3033
Davidson, John Z., Baltimore, Md. Flavoring compound.	59,915	Jan. 22	126	1349
Davidson, Samuel C., Belfast, Ireland. Certain heating and ventilating apparatus.	65,980	Nov. 5	131	353
Davidson, Samuel C., Belfast, Ireland. Certain heating and ventilating apparatus.	65,981	Nov. 5	131	353
Davidson, Samuel C., Belfast, Ireland. Certain machinery.	66,042	Nov. 5	131	355
Davess County Distilling Co., Owensboro, Ky. Whisky.	62,722	May 21	128	1287
Davis, Abraham, Flint, Mich. Cigars.	63,223	June 11	128	2523
Davis-Bridham Drug Company, Denver, Colo. Certain medicines.	65,550	Oct. 8	130	1683
Davis-Bridham Drug Company, Denver, Colo. Certain surgical goods.	66,197	Nov. 12	131	687
Davis-Bridham Drug Company, Denver, Colo. Brushes.	66,246	Nov. 19	131	936
Davis, Charles W., Allegheny, Pa. Lotions.	61,415	Mar. 19	127	1249
Davis Chemical Company, Denver, Colo. Reconstructive tonic.	63,224	June 11	128	2523
Davis Chemical Company, Denver, Colo. Headache remedy.	64,676	Aug. 20	129	3153
Davis Chemical Company, Denver, Colo. Tasteless castor-oil.	64,677	Aug. 20	129	3153
Davis Chemical Company, Denver, Colo. Cleaning fluid.	65,551	Oct. 8	130	1683
Davis Chemical Company, Denver, Colo. Preparation for cleaning the teeth.	65,734	Oct. 22	130	2365
Davis Chemical Company, Denver, Colo. Remedy for catarrh.	65,735	Oct. 22	130	2365
Davis Chemical Company, Denver, Colo. Laxative candy.	66,097	Nov. 12	131	685
Davis Chemical Company, Denver, Colo. Certain medicines.	66,504	Dec. 10	131	1681
Davis and Day Engineering Company, Muscatine, Iowa. Boiler-cleaning compound in liquid form.	61,403	Mar. 19	127	1249
Davis, George E., Dubuque, Iowa. Power-hammers.	65,240	Sept. 17	130	971
Davis, Mack H., Shelby, Ohio. Wheat-flour.	61,556	Mar. 26	127	1573
Davis Milling Company, St. Joseph, Mo. Wheat-flour.	61,222	Mar. 12	127	841
Davis Sewing Machine Co., Dayton, Ohio. Sewing-machines and attachments.	65,241	Sept. 17	130	971
Dawes, Clarence L., Minneapolis, Minn. Baking-powder.	64,873	Aug. 27	129	3496
Dawson, J. W., Ward, W. Va. Coal.	65,849	Oct. 22	130	2368
Dawson Salts & Water Co., Dawson Springs, Ky. Concentrated and unconcentrated iron and lithia water.	61,991	Apr. 16	127	2809
Dayton Clothing Mfg. Co., Dayton, Ohio. Certain clothing.	60,542	Feb. 12	126	2583
Dayton Dental Supply Co., Dayton, Ohio. Dental cements and alloys.	59,434	Jan. 8	126	750
Dayton Dental Supply Co., Dayton, Ohio. Dental cements and alloys.	59,435	Jan. 8	126	750
Dayton Dry Goods Co., Minneapolis, Minn. Certain linen goods.	59,631	Jan. 15	126	1056
Dayton Dry Goods Co., Minneapolis, Minn. Corsets.	60,323	Feb. 5	126	2183
Dayton Dry Goods Co., Minneapolis, Minn. Kid gloves.	60,425	Feb. 5	126	2185
Dayton Specialty Co., Dayton, Ohio. Chewing-gum.	59,778	Jan. 15	126	1060
Dayton Spice Mills Co., Dayton, Ohio. Roasted coffee.	59,575	Jan. 8	126	754
Dayton Spice Mills Co., Dayton, Ohio. Coffee.	62,217	Apr. 23	127	3211
Dazzle Manufacturing Company, Westmont, N. J., and Philadelphia, Pa. Polishes for metals.	59,127	Jan. 1	126	380
De Erven De Wed. J. Van Nelle, assignor to De Erven De Wed. J. Van Nelle, Rotterdam, Netherlands. Smoking-tobacco, cigars, cigarettes, and snuff.	61,497	Mar. 26	127	1572
De Freest, Charles W., Chicago, Ill. Remedies for the cure of the liquor habit.	60,624	Feb. 12	126	2585
De Graff & Palmer, New York, N. Y. Elastic webbing.	63,775	July 9	129	864
De Jean Perfumery Company, Chicago, Ill. Facial or complexion pastes or lotions.	62,218	Apr. 23	127	3211
De Laval Separator Company, New York and Poughkeepsie, N. Y. Centrifugal separators.	59,348	Jan. 8	126	748
De Laval Separator Company, New York and Poughkeepsie, N. Y. Cream-separators of all kinds.	61,289	Mar. 12	127	843
De Luxe Motor Car Company, Detroit, Mich. Automobiles.	66,606	Dec. 17	131	1935
De Nederlandsche Gist & Spiritusfabriek, Delft, Netherlands. Geneva.	66,575	Dec. 10	131	1683
De Nobilli and Co., Prospero, Long Island City, N. Y. Cigars, cigarettes, tobacco, and snuff.	63,905	July 16	129	1261
De Rousse, Thomas W., Philadelphia, Pa. Ginger brandy cordial.	64,777	Aug. 20	129	3156
De Wees, Joseph, Zanesville, Ohio. Spices, pepper, and flavoring extracts.	60,471	Feb. 12	126	2581
De Witt, Herbert M., assignor to Frankton Creamery, Denver, Colo. Butter.	60,859	Feb. 26	126	3415
Deariso, William I., Albany, Ga. Remedy for syphilis.	66,832	Dec. 31	131	2412
Decatur Fountain Company, Decatur, Ill. Soda-fountains and parts of same.	64,932	Aug. 27	129	3498
Decker & Cohn, Alfred, Chicago, Ill. Coats, vests, trousers, and overcoats.	66,619	Dec. 17	131	1936
Decker, Mark M., Washington, Pa. Puzzles.	64,217	July 30	129	2068
Deere & Company, Moline, Ill. Plows and plow parts.	60,812	Feb. 19	126	3037
Deere & Mansur Co., Moline, Ill. Certain agricultural machines.	60,751	Feb. 19	126	3036
Deere & Mansur Co., Moline, Ill. Certain agricultural machines.	60,789	Feb. 19	126	3037
Deere & Mansur Co., Moline, Ill. Certain agricultural machines.	60,790	Feb. 19	126	3037
Defiance Machine Works, Defiance, Ohio. Certain machinery.	61,150	Mar. 5	127	388
Defiance Tick Mitten Co., Toledo, Ohio. Gloves, mittens, palm-protectors, and wrist-supporters.	59,323	Jan. 8	126	747
Defiance Tick Mitten Co., Toledo, Ohio. Certain husking devices.	60,061	Jan. 29	126	1767
Deitsch Brothers. (See Martin, William L., assignor.)				
Deitsch Brothers, New York, N. Y. Tooth-brushes.	66,698	Dec. 24	131	2139
Del Gaizo, Vincenzo, Naples, Italy. Tomato-sauce.	66,168	Nov. 12	131	687
Delaney & Co., J. M., New York, N. Y. Sole-leather and products from the same.	59,660	Jan. 15	126	1057
Delaney & Murphy, Chicago, Ill. Whisky.	61,579	Mar. 26	127	1574
Delapenha & Co., R. U., New York, N. Y. Candies, including crystallized ginger.	60,858	Feb. 26	126	3415
Delapenha & Co., R. U., New York, N. Y. Preserved ginger, olives, figs, and capers.	64,866	July 23	129	1604
Delavan, Tompkins C., New York, N. Y. Tablets for purifying the breath.	63,265	June 11	128	2524
Delavau, M. Louise, deceased; T. G. Wardle, J. W. Swain, and W. E. Rex, Philadelphia, Pa., executors. Remedy for coughs and colds.	65,312	Sept. 17	130	973
Delong, Seaman & Company. (See Shivel, Edwin, assignor.)				
Demourgues, Edouard, Paris, France. Purgative pills.	60,160	Jan. 29	126	1769
Dempsey & Co., P., Boston, Mass. Cordials and liquor essences.	60,247	Jan. 29	126	1772
Dempsey & Co., P., Boston, Mass. Cocktails.	60,426	Feb. 5	126	2185
Dengler, Franz P., Davenport, Iowa. Flavoring extracts for tobacco.	59,099	Jan. 1	126	379
Denison Cotton Mill Co., Denison, Tex. Cotton duck.	61,157	Mar. 5	127	388
Denison Cotton Mill Co., Denison, Tex. Cotton duck.	61,893	Apr. 9	127	2389
Denison-Dodd-Bowers Co., New Philadelphia, Ohio. Certain named clothing.	60,324	Feb. 5	126	2183
Dennett Surpassing Coffee Company, New York, N. Y. Coffee.	64,933	Aug. 27	129	3498
Dennie, Frank B., Minneapolis, Minn. Gall-salve.	65,523	Oct. 8	130	1682

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Name, residence, and title.	No.	Date.	Official Gazette.	
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Denton Brothers, Wellesley, Mass. Jewelry.....	63,489	June 25	128	3281
Dering Coal Company, Chicago, Ill. Coal.....	65,646	Oct. 15	130	2061
Desbecker Block Tailoring Co., Buffalo, N. Y. Men's top suits and overcoats.....	59,324	Jan. 8	126	747
Desmond, R. E., St. Louis, Mo. Tooth and talcum powder.....	62,219	Apr. 23	127	3211
Detective Publishing Company, Chicago, Ill. Periodical.....	60,932	Feb. 26	126	3417
Detmer Woolen Company, New York, N. Y. Cotton and woolen piece goods.....	66,569	Dec. 10	131	1683
Detrick & Harvey Machine Co. of Baltimore City, Baltimore, Md. Pamphlets and catalogues.....	65,175	Sept. 10	130	651
Detrick & Harvey Machine Co. of Baltimore City, Baltimore, Md. Pamphlets and catalogues.....	65,222	Sept. 10	130	652
Detrick & Harvey Machine Co. of Baltimore City, Baltimore, Md. Open-side planers.....	66,264	Nov. 19	131	936
Detroit Gas Engine and Machinery Co., Detroit, Mich. Explosive engines and motors.....	63,606	July 2	129	473
Detroit Leather Specialty Co., Detroit, Mich. Workingmen's leather gloves.....	59,247	Jan. 1	126	383
Detroit Oak Belting Co., Detroit, Mich. Leather belting.....	63,828	July 9	129	865
Detroit Oak Belting Co., Detroit, Mich. Leather belting.....	63,872	July 9	129	866
Deutsch-Französische Cognac-Brennerei und Weinsprit-Raffinerie vorm. Gebrüder Macholl (Actiengesellschaft), Munich, Germany. Cognacs.....	65,164	Sept. 10	130	651
Deutsche Gasglühlicht Aktiengesellschaft (Auergesellschaft), Berlin, Germany. Electrical incandescent lamps.....	59,325	Jan. 8	126	747
Dewsbury, Alfred, Walsall, England. Certain metal articles.....	66,505	Dec. 10	131	1681
Dewsbury, Alfred, Walsall, England. Certain metal articles.....	66,833	Dec. 31	131	2413
Dexter Brothers Company, Boston, Mass. Damp-proof paint.....	66,020	Nov. 5	131	354
Diamond Chain and Manufacturing Company, Indianapolis, Ind. Machine-made chains.....	62,532	May 14	128	880
Diamond Fabric Company of America, Hoboken, N. J. Bed and upholstery springs.....	61,557	Mar. 26	127	1573
Diamond Rubber Co., Akron, Ohio. Rubber belting, packing, hose, and woven cotton-and-rubber hose.....	59,602	Jan. 15	126	1055
Diamond Rubber Co., Akron, Ohio. Rubber belting, packing, hose, and woven cotton-and-rubber hose.....	59,632	Jan. 15	126	1056
Diamond Rubber Co., Akron, Ohio. Pneumatic cushion and solid rubber automobile and vehicle tires.....	59,634	Jan. 15	126	1056
Diamond Rubber Co., Akron, Ohio. Certain rubber goods.....	62,745	May 21	128	1288
Diamond Rubber Co., Akron, Ohio. Gaskets, oil-well packing, rubber tubing, rubber hose, belting, and packing.....	65,292	Sept. 17	130	972
Diamond Trading Stamp Company, Philadelphia, Pa. Trading-stamps.....	65,341	Sept. 17	130	974
Diaz & Co., B., New York, N. Y. Fertilizers and fertilizing materials.....	62,572	May 14	128	881
Dicks, Frederick A., New Orleans, La. Certain medicine.....	66,419	Nov. 26	131	1157
Dick and Brothers Quincy Brewery Co., Quincy, Ill. Beer.....	62,204	Apr. 23	127	3211
Dicks, Frederick A., New Orleans, La. Certain medicine.....	65,176	Sept. 10	130	651
Dickson Mill & Grain Co., Scranton, Pa. Wheat-flour.....	59,436	Jan. 8	126	750
Die Actiengesellschaft Apollinaris Brunnen, Neuenahr, Germany. Mineral water.....	66,136	Nov. 12	131	686
Diemer, F. W., Springfield, Mo. Remedy for dyspepsia.....	63,168	June 11	128	2521
Dietrich & Cie., R., Zürich, Switzerland. Remedy for the cure of tuberculosis.....	64,659	Aug. 20	129	3153
Dietz, Andrew T., Toledo, Ohio. Certain pastry.....	61,558	Mar. 26	127	1573
Dietz, August, Richmond, Va. Envelops for advertising purposes.....	61,404	Mar. 19	127	1249
Digney, Nellie L., Bridgeport, Conn. Combined abdominal supports and hose-supporters.....	61,183	Mar. 5	127	389
Dill & Collins Co., Philadelphia, Pa. Surface-coated engraving-papers.....	62,344	Apr. 30	127	3638
Dittmar & Sons, John, Baltimore, Md. Duck-pins.....	62,265	Apr. 30	127	3635
Dixie Carbonating Co., Augusta, Ga. Non-alcoholic carbonated beverages.....	65,042	Sept. 3	130	295
Dixie Portrait & Frame Co., Tampa, Fla. Portraits and photographs.....	62,129	Apr. 23	127	3209
Dixon Bartlett Co., Baltimore, Md. Ladies' and misses' leather shoes and slippers.....	62,130	Apr. 23	127	3209
Dixon Bartlett Co., Baltimore, Md. Leather boots and shoes.....	62,131	Apr. 23	127	3209
Dixon-Bartlett Co., Baltimore, Md. Leather boots and shoes.....	62,508	May 14	128	879
Dixon & Sons, James, Sheffield, England. Certain solid and plated precious-metal ware.....	64,240	July 30	129	2069
Dobbs, William C., Pittsburg, Pa. Fruit-flavored non-alcoholic drinks.....	64,589	Aug. 13	129	2853
Doecker & Barndollar, Tarentum, Pa. Fluid washing and cleaning compounds.....	63,520	June 25	128	3282
Doctor Wemm's Eucalyptus Cure Company, Denver, Colo. Chewing-gum.....	61,559	Mar. 26	127	1573
Dodds Medicine Co. of U. S., Buffalo, N. Y. Balms.....	64,660	Aug. 20	129	3153
Dodez, Edward W., Fort Wayne, Ind. Dental cements.....	65,753	Oct. 22	130	2366
Dodge Coal Storage Company, Naugatuck, Conn., and Philadelphia, Pa. Storage and conveying apparatus.....	62,280	Apr. 30	127	3636
Dodge, Edwin P., Buffalo, N. Y. Whisky.....	63,670	July 2	129	475
Dodge Publishing Company, San Francisco, Cal., and New York, N. Y. Printed books.....	59,823	Jan. 22	126	1347
Dodge, Walter L., Chicago, Ill. Preparation for the feet.....	60,161	Jan. 29	126	1770
Doggett, Stanley, New York, N. Y. Foundry facings and partings of all sorts.....	63,808	July 9	129	864
Dohrn, Franz J., White Plains, N. Y. Certain non-alcoholic beverages.....	66,286	Nov. 19	131	937
Dolan Mercantile Co., Atchison, Kans. Canned fruits and vegetables.....	60,651	Feb. 19	126	3053
Dolan Mercantile Company, Atchison, Kans. Coffee.....	64,135	July 23	129	1606
Dolgeville Felt Shoe Co., Dolgeville, N. Y. Certain footwear.....	63,044	June 4	128	2079
Dolmetsch, Heinrich, Stuttgart, Germany. Cork coverings for walls and ceilings.....	66,247	Nov. 19	131	936
Dolphin White Lead & Color Works, Toledo, Ohio. Mixed paints, enamels, stains, and varnishes.....	60,453	Feb. 12	126	2581
Domestic Manufacturing Co., Racine, Wis. Certain laundry appliances and machines.....	62,831	May 28	128	983
Donaghue, Patrick, Hartford, Conn. Whisky.....	65,317	Sept. 17	130	1672
Donaghue, Patrick, Hartford, Conn. Whisky.....	65,585	Oct. 8	130	1684
Donovan & Co., James, Everett, Mass. Certain boots, shoes, and slippers.....	66,658	Dec. 17	131	1937
Donovan, William T., St. Albans, Vt. Cigars, cheroots, cigarettes, smoking, fine-cut, and plug tobacco.....	64,306	July 30	129	2071
Doris, John J., St. Paul, Minn. Medicines for the cure of dyspepsia and rheumatism.....	65,396	Sept. 24	130	1304
Doty, Simeon, Lynn, Mass. Cigars.....	64,567	Aug. 13	129	2853
Douglas, Frederick P., Napanee, Ontario, Canada. Liniments.....	62,601	May 14	128	881
Dow & Company, F. H., Boston, Mass. Chocolates and bonbons.....	60,454	Feb. 12	126	2581
Dow, Matthew J., Muskegon, Mich. Medicinal preparation for internal and external use.....	61,768	Apr. 2	127	1988
Dowell, Wood & Cooper, Walnut Ridge, Ark. Chill-tonic.....	64,278	July 30	129	2070
Dowling Bros., Inc., Burgin, Ky. Whisky.....	59,697	Jan. 15	126	1058
Downing-Taylor Co., Springfield, Mass. Canned vegetables, fruits, and berries.....	61,645	Apr. 2	127	1985
Downing Taylor Co., Springfield, Mass. Canned salmon, shrimp, lobsters, and clam-chowder.....	62,063	Apr. 16	127	2811
Downing Taylor Co., Springfield, Mass. Canned salmon and canned clams.....	63,266	June 11	128	2524
Doyle, Frank M., Boston, Mass. Compound of malt and hops.....	66,070	Nov. 5	131	356
Dr. B. J. Kendall Company, Enosburg Falls, Vt. Certain named medicine.....	60,016	Jan. 22	126	1352
Dr. J. F. True & Co., Auburn, Me. Certain medicinal preparations.....	60,791	Feb. 19	126	3037
Dr. Kirby Medicine Company, Canton, Ohio. Liquid medical compound.....	64,874	Aug. 27	129	3496
Dr. Miles Medical Co., Elkhart, Ind. Tonics, blood, heart, and nerve medicines.....	60,409	Feb. 5	126	2185
Dr. Miles Medical Company, Elkhart, Ind. Remedies for certain diseases.....	61,728	Apr. 2	127	1987
Dr. N. C. Davis Company, Indianapolis, Ind. Anodyne powders.....	60,410	Feb. 5	126	2185
Dr. Peter Fahrmey & Sons Co., Chicago, Ill. Preparation for the treatment of diseases of the blood and skin.....	59,577	Jan. 8	126	754
Dr. Peter Fahrmey & Sons Co., Chicago, Ill. Preparation for the treatment of diseases of the blood and skin.....	63,657	July 2	129	474

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Name, residence, and title.	No.	Date.	Vol.	Official Gazette.
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Preparation for the treatment of diseases of the blood and skin.	63,658	July 2	129	474
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Preparation for the treatment of diseases of the blood and skin.	63,659	July 2	129	474
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Preparation for the treatment of diseases of the blood and skin.	63,660	July 2	129	474
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Preparation for the treatment of diseases of the blood and skin.	63,661	July 2	129	474
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Liniment.	64,103	July 23	129	1605
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Preparation for the treatment of diseases of the stomach and bowels.	64,104	July 23	129	1605
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Liniment.	64,105	July 23	129	1605
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Liniment.	64,106	July 23	129	1605
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Liniment.	64,107	July 23	129	1605
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Certain medicine.	64,108	July 23	129	1605
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Certain medicine.	64,109	July 23	129	1605
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Certain medicine.	64,110	July 23	129	1605
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Preparation for the treatment of ailments peculiar to females.	64,471	Aug. 6	129	2497
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Liniment.	64,472	Aug. 6	129	2497
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Preparation for the treatment of diseases of the blood and skin.	64,482	Aug. 6	129	2497
Dr. Peter Fahrney & Sons Co., Chicago, Ill. Preparation for the treatment of diseases of the stomach and bowels.	64,483	Aug. 6	129	2497
Dr. Pierre Chemical Company, Chicago, Ill. Suppositories, tablets, and pills.	65,959	Nov. 5	131	353
Dr. Rainey Medicine Co., Chicago, Ill. Remedy for coughs.	61,405	Mar. 19	127	1249
Dr. Rainey Medicine Co., Chicago, Ill. Certain medicines.	66,506	Dec. 10	131	1681
Dr. W. Towns Medical Company, Fond du Lac, Wis. Remedy for epilepsy.	66,539	Dec. 17	131	1936
Drake, Almada, New York, N. Y. Bust-supporters and corset-covers.	63,906	July 16	129	1261
Drake & Co., New York, N. Y. Men's, women's, and children's leather boots and shoes.	62,636	May 21	128	1285
Drake & Company, Easton, Pa. Teas and coffees.	66,287	Nov. 19	131	937
Drake, Deamor R., Lagrange, Ind. Certain medicines.	64,678	Aug. 20	129	3153
Drake-Inness-Green Shoe Co., Charleston, S. C. Leather boots and shoes.	65,878	Oct. 29	130	2713
Drake-Inness-Green Shoe Co., Charleston, S. C. Leather boots and shoes.	65,879	Oct. 29	130	2713
Draper Company, Hopedale, Mass. Spinning-rings for textile machinery.	65,823	Oct. 22	130	2368
Draper & Maynard Company, Plymouth, N. H. Certain sporting goods.	60,676	Feb. 19	126	3034
Draper, O. M., deceased; E. E. and A. M. Hale, executors, North Attleboro, Mass. Ornamental chains.	59,381	Jan. 8	126	749
Dreher, Oscar, Cleveland, Ohio. Pianos.	60,325	Feb. 5	126	2183
Dresner, I., San Francisco, Cal. Coats, vests, trousers, and overcoats.	66,678	Dec. 24	131	2139
Dreyer, Otto F., New York, N. Y. Maids', waitresses', and nurses' caps.	61,702	Apr. 2	127	1987
Drinkard, Kenton, Beaumont, Tex. Remedies for skin diseases.	62,051	Apr. 16	127	2811
Du Montier, Alfred, Alexandria, Va. Metal tiles.	64,354	Aug. 6	129	2493
Du Perow, Mortimer, Washington, D. C. Compound for use upon the commutators, collector-rings, &c., of electrical machinery.	61,729	Apr. 2	127	1987
Du Rocher, Chas. L., Annapolis, Md. Hair-tonic.	61,238	Mar. 12	127	841
Duane H. Nash Inc., Millington, N. J. Pulverizing-harrows, clod-crushers, and levelers.	62,852	May 28	128	1683
Duane H. Nash Inc., Millington, N. J. Pulverizing-harrows, clod-crushers, and levelers.	62,853	May 28	128	1683
Dudgeon, Richard, deceased; W. M. Dudgeon, New York, N. Y., executor. Hydraulic jacks.	65,063	Sept. 3	130	296
Dudgeon, Richard, deceased; W. M. Dudgeon, New York, N. Y., executor. Hydraulic jacks and presses and force-pumps therefor and tube-expanders.	65,064	Sept. 3	130	296
Dudgeon, Richard, deceased; W. M. Dudgeon, New York, N. Y., executor. Hydraulic jacks, presses, and pumps.	65,065	Sept. 3	130	296
Dudgeon, Richard, deceased; W. M. Dudgeon, New York, N. Y., executor. Hydraulic jacks.	65,066	Sept. 3	130	296
Dudgeon, Richard, deceased; W. M. Dudgeon, New York, N. Y., executor. Hydraulic jacks and presses and force-pumps therefor and tube-expanders.	65,067	Sept. 3	130	296
Dudgeon, William M., executor. (See Dudgeon, Richard.)				
Duff & Shade, Poland, Ohio. Remedy for asthma.	62,236	Apr. 23	127	3212
Duff & Sons, P., Pittsburg, Pa. Molasses.	61,346	Mar. 19	127	1247
Duff & Sons, P., Pittsburg, Pa. Molasses.	61,347	Mar. 19	127	1247
Duffner & Kimberly Company, New York, N. Y. Ornamental electric lamps.	64,353	Aug. 6	129	2493
Duffy, Robert L., Newbern, N. C. Tonic beverages.	65,982	Nov. 5	131	353
Dührssen, R., New York, N. Y. Decalcomanias and transfer-pictures.	61,092	Mar. 5	127	386
Duka, Andrew, Bridgeport, Conn. Certain medicines.	65,018	Sept. 3	130	294
Duluth Brewing & Malting Company, Duluth, Minn. Beer, ale, porter, and extract of malt.	59,838	Jan. 22	126	1347
Duluth Brewing & Malting Company, Duluth, Minn. Beer, ale, porter, and extract of malt.	59,839	Jan. 22	126	1347
Duluth Brewing & Malting Company, Duluth, Minn. Beer, ale, porter, and extract of malt.	59,840	Jan. 22	126	1347
Duluth Brewing & Malting Company, Duluth, Minn. Beer, ale, and porter.	59,841	Jan. 22	126	1347
Duluth-Superior Milling Co., Duluth, Minn. Wheat-flour.	59,883	Jan. 22	126	1348
Dumond, Gaston, Paris, France. Automobiles and parts thereof, except rubber tires.	66,288	Nov. 19	131	937
Duncan, Ithamar T., Decatur, Tex. Remedy for venereal diseases.	62,281	Apr. 30	127	3636
Duncan F. Macnab Drug Co., Moorhead, Minn. Hair-tonic.	63,267	June 11	128	2524
Duncan, William D., Ottawa, Ill. Certain medicine.	59,511	Jan. 8	126	752
Dunham Bros., Brattleboro, Vt. Rubber heels.	66,265	Nov. 19	131	936
Dunham, Carrigan & Hayden Co., San Francisco, Cal. Certain edge-tools.	66,507	Dec. 10	131	1681
Dunham, Carrigan & Hayden Co., San Francisco, Cal. Pocket and table knives, razors, scissors, and shears.	60,972	Feb. 26	126	3418
Dunham, Carrigan & Hayden Company, San Francisco, Cal. Certain cutlery and edge-tools.	60,973	Feb. 26	126	3418
Dunham, Carrigan & Hayden Company, San Francisco, Cal. Certain cutlery and edge-tools.	61,439	Mar. 19	127	1250
Dunham, Carrigan & Hayden Company, San Francisco, Cal. Certain cutlery and edge-tools.	61,440	Mar. 19	127	1250
Dunham, Carrigan & Hayden Company, San Francisco, Cal. Certain cutlery and edge-tools.	61,441	Mar. 19	127	1250
Dunham, Carrigan & Hayden Company, San Francisco, Cal. Certain cutlery and edge-tools.	61,442	Mar. 19	127	1250
Dunlap & Co., New York, N. Y. Certain named headwear.	60,355	Feb. 5	126	2184
Dunlap & Co., New York, N. Y. Certain named headwear.	60,356	Feb. 5	126	2184
Dunlap, John R., New York, N. Y. Monthly magazine.	59,469	Jan. 8	126	751
Dunlap Mfg. Co., E. H., Como, Miss. Colic and kidney cure for mules and horses.	59,737	Jan. 15	126	1059
Dunlop, David, Petersburg, Va. Chewing and smoking tobacco.	64,847	Aug. 27	129	3496
Dunton and Company, M. W., Providence, R. I. Soldering-flux.	61,781	Apr. 2	127	1989
Dunville & Co. Limited, Belfast, Ireland, and New York, N. Y. Whisky.	63,753	July 9	129	863
Duparquet, Huot & Monseuse Co., New York, N. Y. Fire-brick.	66,858	Dec. 31	131	2413
Duplex Phonograph Co., Kalamazoo, Mich. Phonographs.	66,467	Dec. 3	131	1417
Dupont & Co., J., Cognac, France. Brandy.	60,411	Feb. 5	126	2185
Durand & Co., Newark, N. J. Certain jewelry and precious-metal ware.	66,213	Nov. 19	131	935
Durkee & Co., E. R., New York, N. Y. Baking-powder, bicarbonate of soda, cream of tartar, and yeast-powder.	60,190	Jan. 29	126	1770
Durkee & Co., E. R., New York, N. Y. Wheat-farina, pearl-barley, and corn-starch.	60,455	Feb. 12	126	2581

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Durkee & Co., E. R., New York, N. Y. Spices and mustard.....	65,114	Sept. 10	130	649
Dusenbury, Louis, New York, N. Y. Lap-ropes.....	61,923	Apr. 9	127	2390
Dwight, Edith W., Hartford, Conn. Certain toilet preparations.....	60,427	Feb. 5	126	2185
E. Becker Brewing Company, Lancaster, Ohio. Beer.....	63,376	June 18	128	2830
E. Brooksbank and Company Limited, Keighley, England. Lighting and lubricating oils and grease.....	60,303	Feb. 5	126	2182
E. Lazenby & Son, Limited, London, England. Pickles and vegetable and meat sauces.....	60,860	Feb. 26	126	3415
E. Martin & Co., San Francisco, Cal. Whisky.....	64,218	July 30	129	2068
E. Martin & Co., San Francisco, Cal. Whisky.....	66,659	Dec. 17	131	1937
E. A. Armstrong Mfg. Co., Chicago, Ill. Textile-fabric waterproof coats, capes, overalls, pants, and hats.....	62,379	Apr. 30	127	3638
E. A. Pfeuger Company, Akron, Ohio. Certain fishing-tackle.....	65,990	Nov. 5	131	354
E. A. Pfeuger Company, Akron, Ohio. Certain harness-trimmings.....	65,991	Nov. 5	131	354
E. B. Colby & Co., Jersey City, N. J. Furnaces, stoves, and ranges.....	66,761	Dec. 24	131	2141
E. B. Estes & Sons, New York, N. Y. Wooden boxes.....	59,635	Jan. 15	126	1056
E. B. Millar & Company, Chicago, Ill. Teas.....	60,677	Feb. 19	126	3034
E. C. Atkins & Company, Indianapolis, Ind.; New York, N. Y.; Memphis, Tenn.; Atlanta, Ga.; Minneapolis, Minn.; Portland, Oreg.; Seattle, Wash.; San Francisco, Cal.; Chicago, Ill., and Toronto, Canada. Saws of all kinds.....	59,349	Jan. 8	126	748
E. C. Atkins & Company, Indianapolis, Ind.; New York, N. Y.; Memphis, Tenn.; Atlanta, Ga.; Minneapolis, Minn.; Portland, Oreg.; Seattle, Wash.; San Francisco, Cal.; Chicago, Ill., and Toronto, Canada. Tools for fitting saws.....	64,334	Aug. 6	129	2499
E. C. De Witt & Company, Chicago, Ill. Remedies for regulating the stomach and bowels.....	59,556	Jan. 8	126	753
E. E. Taylor Co., Boston, Mass. Men's and boys' leather shoes.....	66,357	Nov. 26	131	1155
E. G. Harrington & Company, New York, N. Y. Pianos.....	59,100	Jan. 1	126	379
E. & H. Manufacturing Company, Jamaica, N. Y. Solution for removing ink.....	64,661	Aug. 20	129	3153
E. I. du Pont Company, Wilmington, Del. Explosive powder.....	62,168	Apr. 23	127	3210
E. I. du Pont Company, Wilmington, Del. Gunpowder.....	62,169	Apr. 23	127	3210
E. I. du Pont Company, Wilmington, Del. Gunpowder.....	64,355	Aug. 6	129	2493
E. I. du Pont Company, Wilmington, Del. Certain gunpowders.....	64,356	Aug. 6	129	2493
E. I. Horsman Co., New York, N. Y. Automatic instruments for making conventional figures.....	65,992	Nov. 5	131	354
E. and T. Fairbanks and Company, St. Johnsbury, Vt. Weighing-scales.....	65,552	Oct. 8	130	1683
E. T. Smith Company, Worcester, Mass. Canned fruits and vegetables, dried fruits, spices, and gelatin.....	60,706	Feb. 19	126	3035
E. T. Smith Company, Worcester, Mass. Sea foods.....	61,596	Mar. 26	127	1574
E. W. Burt & Co., Inc., Boston, Mass. Leather boots and shoes.....	64,779	Aug. 20	129	3156
E. Z. Shoe Company, Hornell and Buffalo, N. Y. Leather boots and shoes.....	61,416	Mar. 19	127	1249
Eagle Distillery (Inc.), Stanley, Ky. Whisky.....	64,136	July 23	129	1606
Eagle Lamp Company, Danvers, Mass. Incandescent lamps.....	61,417	Mar. 19	127	1249
Eagle Lamp Company, Danvers, Mass. Incandescent lamps.....	61,443	Mar. 19	127	1250
Eagle Lock Co., Terryville, Conn. Padlocks, trunk-locks, cabinet-locks, and door-locks.....	61,391	Mar. 19	127	1248
Eagle Paint & Varnish Co., Allegheny, Pa. Varnish and stains.....	59,022	Jan. 1	126	377
Eagle Paint & Varnish Company, Allegheny, Pa. Certain painters' materials.....	63,332	June 18	128	2829
Eagle Pencil Company, New York, N. Y. Fountain-pens.....	59,603	Jan. 15	126	1055
Eagle Pencil Company, New York, N. Y. Lead-pencils.....	60,765	Feb. 19	126	3036
Eagle Pencil Company, New York, N. Y. Lead-pencils of all kinds, including copying-pencils.....	61,620	Mar. 26	127	1575
Eagle Pencil Company, New York, N. Y. Lead-pencils.....	64,279	July 30	129	2070
Eagle Pencil Company, New York, N. Y. Lead-pencils.....	64,963	Sept. 3	130	293
Eagle Pencil Company, New York, N. Y. Penholders.....	65,196	Sept. 10	130	651
Eagle Pencil Company, New York, N. Y. Pencil-sharpeners.....	65,342	Sept. 17	130	974
Eagle Roller Mill Company, New Ulm, Minn. Wheat-flour.....	61,855	Apr. 9	127	2388
Eagle Roller Mill Company, New Ulm, Minn. Wheat-flour.....	61,856	Apr. 9	127	2388
Eagle Roller Mill Company, New Ulm, Minn. Wheat-flour.....	61,871	Apr. 9	127	2389
Eagle Roller Mill Company, New Ulm, Minn. Wheat-flour.....	62,648	May 21	128	1285
Eagle Roller Mill Company, New Ulm, Minn. Wheat-flour.....	62,649	May 21	128	1285
Eagle Roller Mill Company, New Ulm, Minn. Wheat-flour.....	62,650	May 21	128	1285
Eagle Roller Mill Company, New Ulm, Minn. Wheat-flour.....	65,242	Sept. 17	130	971
Eagle Roller Mill Company, New Ulm, Minn. Bread.....	66,169	Nov. 12	131	687
Eagle Trading Stamp Co., St. Louis, Mo. Trading-stamps.....	60,255	Feb. 5	126	2181
Eagle White Lead Co., Cincinnati, Ohio. Pure white lead.....	60,062	Jan. 29	126	1767
Eagle White Lead Company, Cincinnati, Ohio. Pure white lead.....	60,993	Feb. 26	126	3418
Eames, Stewart W., assignor to H. B. Cladin Company, New York, N. Y. Toilet powder and toilet cream.....	59,979	Jan. 22	126	1351
Earhart, Walter, Hot Springs, Ark. Spring-water.....	63,829	July 9	129	865
Earhart, Walter, Hot Springs, Ark. Spring-water.....	63,830	July 9	129	865
Earl Manufacturing Company, Pittsburg, Pa. Popcorn and mixed popcorn and peanuts coated with taffy.....	62,479	May 7	128	451
Earl & Wilson, Troy, N. Y. Woven undershirts and woven drawers.....	60,017	Jan. 22	126	1352
Earl & Wilson, Troy, N. Y. Scarfs, cravats, and ties.....	60,342	Feb. 5	126	2183
Earnshaw, Basil B., Washington, D. C. Wheat-flour.....	63,734	July 2	129	476
Eastern Brewing Company, New York, N. Y. Lager-beer.....	60,543	Feb. 12	126	2583
Eastern Dynamite Company, Kenvil, N. J. High explosives.....	59,661	Jan. 15	126	1057
Eastern Dynamite Company, Kenvil, N. J. High explosives.....	60,918	Feb. 26	126	3416
Eastern Dynamite Company, Kenvil, N. J. High explosives.....	60,953	Feb. 26	126	3417
Eastern Dynamite Company, Kenvil, N. J. Fuses and blasting-caps.....	60,954	Feb. 26	126	3417
Eastern Dynamite Company, Kenvil, N. J. High explosives.....	60,955	Feb. 26	126	3417
Eastern Dynamite Company, Kenvil, N. J. High explosives and fuses.....	60,956	Feb. 26	126	3417
Eastern Dynamite Company, Kenvil, N. J. Blasting-machines and electric batteries.....	60,974	Feb. 26	126	3418
Eastern Dynamite Company, Kenvil, N. J. High explosives.....	61,978	Apr. 16	127	2809
Eastern Dynamite Company, Kenvil, N. J. High explosives and blasting supplies.....	62,480	May 7	128	451
Eastern Dynamite Company, Kenvil, N. J. High explosives.....	64,515	Aug. 13	129	2851
Eastern Dynamite Company, Kenvil, N. J. High explosives.....	64,516	Aug. 13	129	2851
Eastern Dynamite Company, Kenvil, N. J. Electric blasting-machines and electrical insulating-wire.....	64,606	Aug. 13	129	2854
Eastern Dynamite Company, Kenvil, N. J. High explosives.....	65,647	Oct. 15	130	2061
Eastern Dynamite Company, Kenvil, N. J. High explosives.....	65,648	Oct. 15	130	2062
Eastern Dynamite Company, Kenvil, N. J. High explosives.....	65,649	Oct. 15	130	2062
Eastern Importing & Manufacturing Company, Boston, Mass. Catchup.....	63,117	June 4	128	2081
Eastman Kodak Company. (See Blair Camera Company, assignor.).....				
Easton & Co., Wm. H., Newport, R. I. Sausages.....	59,101	Jan. 1	126	379
Eberhard Manufacturing Company, Cleveland, Ohio. Certain metal manufactures.....	61,151	Mar. 5	127	388
Eberhard Manufacturing Company, Cleveland, Ohio. Certain parts of vehicles.....	61,290	Mar. 12	127	843
Eberhard Manufacturing Company, Cleveland, Ohio. Certain saddlery-hardware.....	62,001	Apr. 16	127	2810
Ebling Brewing Co., New York, N. Y. Malt extract.....	60,919	Feb. 26	126	3416
Ebling Brewing Co., New York, N. Y. Malt extract.....	61,597	Mar. 26	127	1574
Ecker, Leo, Chicago, Ill. Ladies' dress-skirts and waists.....	64,111	July 23	129	1605
Eckardt, Christian, Hamburg, Germany. Dried, fresh, and preserved fruits and vegetable oils.....	66,170	Nov. 12	131	687

Alphabetical list of registrants of trade-marks—Continued.

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Eckardt, Christian, Hamburg, Germany. Dried, fresh, and preserved fruits and vegetable oils.	66,171	Nov. 12	131	687
Eclipse Cement & Blacking Co., Philadelphia, Pa. Cleanser for all articles of canvas and duck.	62,975	June 4	128	2077
Eclipse Cement & Blacking Company, Philadelphia, Pa. Shoe, leather, and harness polishes, blackings, and dressings.	61,291	Mar. 12	127	843
Eclipse Paint & Manufacturing Company, Cleveland, Ohio. Waterproof structural and roof paint.	59,376	Jan. 8	126	749
Eclipse Safety Paper Company, Limited, Ottawa, Canada. Safety-paper.	64,112	July 23	129	1605
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Black cotton prints.	59,326	Jan. 8	126	747
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Lawns.	59,662	Jan. 15	126	1057
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Textile draperies.	61,361	Mar. 19	127	1247
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	63,268	June 11	128	2524
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	63,671	July 2	129	475
Eddystone Manufacturing Company, Eddystone and Philadelphia, Pa. Printed and dyed textile fabrics.	63,672	July 2	129	475
Eden Manufacturing Co., Langhorne and Philadelphia, Pa. Rugs and carpets.	63,225	June 11	128	2523
Eden Manufacturing Co., Langhorne and Philadelphia, Pa. Rugs and carpets.	63,226	June 11	128	2523
Eden Manufacturing Co., Langhorne and Philadelphia, Pa. Rugs and carpets.	63,227	June 11	128	2523
Edgar Allen & Co. Limited, Sheffield, England. Cutlery and all other hand-tools having a cutting edge.	63,521	June 25	128	3282
Edgar Manufacturing Company, Boston, Mass. Water-motors.	61,498	Mar. 26	127	1572
Edholm, Albert, Omaha, Nebr. Certain jewelry and precious-metal ware.	62,002	Apr. 16	127	2810
Edison Manufacturing Company, West Orange, N. J. Primary batteries, parts thereof, and fan-motors.	60,343	Feb. 5	126	2183
Edmonds, Newton, Washington, D. C. Medical compound used as a scalp-cleaner, dandruff cure, and hair vigor.	60,227	Jan. 29	126	1771
Edw. B. Bruce Co., Baltimore, Md. Whisky and brandy.	59,470	Jan. 8	126	751
Edw. B. Bruce Co., Baltimore, Md. Whisky.	59,663	Jan. 15	126	1057
Edw. B. Bruce Co., Baltimore, Md. Whisky.	61,110	Mar. 5	127	387
Edw. B. Bruce Co., Baltimore, Md. Whisky, gin, and brandy.	66,793	Dec. 31	131	2411
Edw. K. Tryon Company, Philadelphia, Pa. Fish-hooks, rods, reels, and artificial bait.	61,292	Mar. 12	127	843
Edward Macbean & Co. Limited, Glasgow, Scotland. Brattice-cloth.	62,854	May 28	128	1683
Edward Miller & Co., Meriden, Conn. Oil-lamps and parts thereof.	60,933	Feb. 26	126	3417
Edward Ripley & Son, Limited, Bradford, England. Certain dress goods.	64,848	Aug. 27	129	3496
Edwards & Co., James L., New York, N. Y. Coffees and teas.	64,258	July 30	129	2069
Edwin C. Burt Company, Brooklyn, N. Y. Certain boots and shoes, slippers, and soles therefor.	64,780	Aug. 20	129	3156
Egli, Hans W., Zurich, Switzerland. Calculating-machines.	66,214	Nov. 19	131	935
Egyptian Chemical Company, Boston, Mass. Embalming fluids and disinfectants.	62,305	Apr. 30	127	3636
Ehrhart, Urban J., Chicago, Ill. Remedies for diseases of dogs.	59,557	Jan. 8	126	753
Eichhold, Charles, New York, N. Y. Hats.	63,777	July 9	129	864
Eiseman & Company, New York, N. Y. Whisky, brandy, and gin.	66,289	Nov. 19	131	937
Eisenstadt Manufacturing Co., St. Louis, Mo. Certain named jewelry.	59,350	Jan. 8	126	748
Eisenstadt Manufacturing Co., St. Louis, Mo. Watch-movements and watchcases.	60,375	Feb. 5	126	2184
Eisenstein, Israel, New York, N. Y. Wooden and bamboo canes.	63,151	June 11	128	2521
Eisner & Son, Th. D., New York, N. Y. Embroideries.	64,849	Aug. 27	129	3496
El Arte Cigar Co., Baltimore, Md. Cigars.	63,931	July 16	129	1262
El Dorado Brewing Co., Stockton, Cal. Beer.	61,480	Mar. 26	127	1571
Elbel Company, Canton, Ohio. Certain metal manufactures.	65,720	Oct. 22	130	2365
Eldridge, Willis J., Aurora, Ohio. Cheese.	65,524	Oct. 8	130	1682
Eldridge, Willis J., Aurora, Ohio. Cheese.	65,525	Oct. 8	130	1682
Electric Cable Company. (See Magnet Wire Co., assignor.)				
Electric Chain Co., Attleboro, Mass. Jewelry.	62,689	May 21	128	1286
Electric Device Company, New York, N. Y., and Masury, Ohio. Electric fuses.	60,544	Feb. 12	126	2583
Electric Railway Improvement Co., Cleveland, Ohio. Certain electrical conductors.	66,420	Nov. 26	131	1157
Electric Service Supplies Co., Philadelphia, Pa. Electric insulating material.	65,586	Oct. 8	130	1684
Electric Storage Battery Company, Philadelphia, Pa. Storage batteries or accumulators.	62,899	May 28	128	1684
Electrose Manufacturing Co., New York, N. Y. Certain composition of matter.	61,275	Mar. 12	127	842
Elfreth, Jacob R., Philadelphia, Pa. Chocolate.	66,794	Dec. 31	131	2411
Elgin National Watch Company, Elgin and Chicago, Ill. Watches and parts thereof.	60,545	Feb. 12	126	2583
Elgin National Watch Company, Elgin and Chicago, Ill. Watchcases.	62,052	Apr. 16	127	2811
Elhardt Söhne, Aug., Dietmannsried, Germany. Color-setting compound used in dyeing.	64,669	Aug. 20	129	3153
Elhardt Söhne, Aug., Dietmannsried, Germany. Color-setting compound used in dyeing.	65,473	Oct. 8	130	1681
Eli Lilly & Company, Indianapolis, Ind. Antiseptics.	59,578	Jan. 8	126	754
Eli Lilly & Company, Indianapolis, Ind. Antiseptics.	60,018	Jan. 22	126	1352
Eli Lilly & Company, Indianapolis, Ind. Certain medicinal preparations.	61,924	Apr. 9	127	2390
Eliot, Harry W., Boston, Mass. Beverages having a chocolate flavor.	59,377	Jan. 8	126	749
Elite Styles Company, New York, N. Y. Ladies' fashion magazine.	64,028	July 23	129	1603
Elizondo, Jerónimo, Monterey, Nuevo Leon, Mexico. Disincrusting and cleansing substances for boilers.	65,355	Sept. 24	130	1303
Ellis, Edward D., Baltimore, Md. Toilet powder.	60,019	Jan. 22	126	1352
Ellis, Richard, New York, N. Y. Powdered granular soap.	66,215	Nov. 19	131	935
Elmira Knitting Mills, Elmira Heights, N. Y. Knitted and netted underclothing.	66,706	Dec. 24	131	2139
Elmira Mill Co., Elmore, Minn. Wheat-flour.	66,813	Dec. 31	131	2412
Elmira Shirt Manufacturing Company, Elmira, N. Y. Men's cotton and woolen undershirts.	61,769	Apr. 2	127	1988
Emden Co., New York, N. Y. Composition on webbing for wall-coverings.	64,452	Aug. 6	129	2496
Emery, George M., Portland, Me. Toilet cream.	64,631	Aug. 13	129	2854
Emil Seelig, A. G., Heilbronn, Germany, and Jersey City, N. J. Coffee substitute.	60,652	Feb. 19	126	3033
Emil Seelig, A. G., Heilbronn, Germany, and Jersey City, N. J. Coffee substitutes.	63,968	July 16	129	1263
Eminence Distillery Co., St. Paul, Minn. Whisky.	62,855	May 28	128	1683
Empire Cream Separator Co., Bloomfield, N. J. Centrifugal liquid-separating machines.	59,351	Jan. 8	126	748
Empire Cream Separator Company, Bloomfield, N. J. Centrifugal liquid-separating machines.	65,043	Sept. 3	130	295
Empire Cream Separator Company, Bloomfield, N. J. Cream-separators.	65,044	Sept. 3	130	295
Empire Silk Co., Paterson, N. J., and New York, N. Y. Silk piece goods.	63,364	June 18	128	2830
Endicott-Johnson Company, Endicott, N. Y. Boots and shoes of leather.	63,152	June 11	128	2521
Endicott-Johnson Company, Endicott, N. Y. Boots and shoes of leather.	63,468	June 25	128	3281
Endicott-Johnson Co., Endicott, N. Y. Boots and shoes of leather.	64,219	July 30	129	2068
Endicott-Johnson Company, Endicott, N. Y. Boots and shoes of leather.	64,335	Aug. 6	129	2493
Enge, Balduin E., Oberlössnitz, near Dresden, Germany. Cocoa, chocolate, and preparations thereof.	63,067	June 4	128	2080
Enge, Balduin E., Oberlössnitz, near Dresden, Germany. Cocoa, chocolate, and preparations thereof.	65,045	Sept. 3	130	295
Engineer Company, New York, N. Y. Stoves and furnaces.	64,679	Aug. 20	129	3153
Englewood Candy Company, Chicago, Ill. Candy.	62,481	May 7	128	451
English, Charles A., Ottumwa, Iowa. Eggs.	62,573	May 14	128	881
English, William J., Cohoes, N. Y. Insecticides and disinfectants.	64,850	Aug. 27	129	3496

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Enterprise Manufacturing Co. of Pennsylvania, Philadelphia, Pa. Measuring-faucets and measuring-pumps.....	59,604	Jan. 15	126	1055
Enterprise Manufacturing Co. of Pennsylvania, Philadelphia, Pa. Sad-irons.....	60,517	Feb. 12	126	2582
Enterprise Manufacturing Co. of Pennsylvania, Philadelphia, Pa. Bung-hole borers.....	61,293	Mar. 12	127	843
Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Certain named machines.....	59,023	Jan. 1	126	377
Enterprise Novelty & M. F. G. Co., Knoxville, Ill. Mouse and rat traps.....	63,391	June 18	128	2830
Enterprise Rubber Co., Boston, Mass. Certain rubber goods.....	66,248	Nov. 19	131	936
Enterprise Soap Works, Nashville, Tenn. Laundry and toilet soap.....	65,880	Oct. 29	130	2713
Enterprise Soap Works, Nashville, Tenn. Laundry and toilet soap.....	65,881	Oct. 29	130	2713
Enterprise Soap Works, Nashville, Tenn. Laundry and toilet soap.....	65,882	Oct. 29	130	2714
Eppstein, Milton L., Fort Worth, Tex. Non-alcoholic tonic beverages and syrup made therefrom.....	59,378	Jan. 8	126	749
Epstein, Frank A., Boston, Mass. Certain medicines.....	65,223	Sept. 10	130	652
Epstein, Frank A., Boston, Mass. Certain medicines.....	65,224	Sept. 10	130	652
Equinox Company, Manchester, Vt. Table-waters.....	59,248	Jan. 1	126	383
Erb, Ludwig G. B., New York, N. Y. Certain pharmaceutical preparations.....	65,225	Sept. 10	130	652
Erb, Ludwig G. B., New York, N. Y. Remedy for headache and neuralgia.....	66,098	Nov. 12	131	685
Erb, Ludwig G. B., New York, N. Y. Certain chemicals and antiseptics.....	66,216	Nov. 19	131	935
Erba, Carlo, Milan, Italy. Extracts of fruits.....	64,729	Aug. 20	129	3155
Erso Proprietary Company, Gaines, Pa. Liniment, alterative, and antibilious bitters.....	64,643	Aug. 13	129	2855
Erste Wiener Export-Malzfabrik Hauser & Sobotka, Stadlau, Vienna, Austria-Hungary. Malt preparation for use in making bread.....	60,472	Feb. 12	126	2581
Erste Wiener Export-Malzfabrik Hauser & Sobotka, Stadlau, Vienna, Austria-Hungary. Size for cotton and other threads and yarns.....	60,596	Feb. 12	126	2585
Erste Wiener Export Malzfabrik Hauser & Sobotka, Stadlau-Wien, Austria-Hungary. Malt size for threads and yarns.....	64,546	Aug. 13	129	2852
Erste Wiener Export Malzfabrik Hauser & Sobotka, Stadlau-Wien, Austria-Hungary. Concentrated malt extract used for making bread.....	64,590	Aug. 13	129	2853
Esberg-Gunst Company, New York, N. Y. Cigars, cheroots, and little cigars.....	59,664	Jan. 15	126	1059
Esberg-Gunst Company, New York, N. Y. Cigars, cheroots, and little cigars.....	59,665	Jan. 15	126	1059
Esbie Drug and Chemical Company, New York, N. Y. Cathartic.....	64,137	July 23	129	1606
Esche, Moritz S., Chemnitz, Germany. Knitted hosiery, gloves, and underwear.....	62,064	Apr. 16	127	2811
Esche, Moritz S., Chemnitz, Germany. Knitted hosiery, gloves, and underwear.....	62,094	Apr. 16	127	2812
Esche, Moritz S., Chemnitz, Germany. Knitted hosiery, gloves, and underwear.....	62,106	Apr. 16	127	2812
Estate Stove Company, Hamilton, Ohio. Stoves and furnaces.....	64,698	Aug. 20	129	3154
Este, Charles, Philadelphia, Pa. Certain wood manufactures.....	61,444	Mar. 19	127	1250
Este, Charles, Philadelphia, Pa. Lumber and timber.....	61,843	Apr. 9	127	2388
Esterbrook Steel Pen Mfg. Co., Camden, N. J., and New York, N. Y. Metallic pens.....	63,490	June 25	128	3281
Estes, Dana, Boston, Mass. Toilet soap.....	62,107	Apr. 16	127	2812
Estes, Webster C., New York, N. Y. Smalt.....	60,273	Feb. 5	126	2181
Estlingen, Everett S., Los Angeles, Cal. Tooth-powder.....	64,138	July 23	129	1606
Estlingen, Everett S., Los Angeles, Cal. Tooth-powder.....	66,834	Dec. 31	131	2412
Ethridge & Co., A., Rome, N. Y. Coffee and tea.....	64,280	July 30	129	2070
Ethridge & Co., A., Rome, N. Y. Spices and olives.....	64,281	July 30	129	2070
Ethridge & Co., A., Rome, N. Y. Cheese.....	64,282	July 30	129	2070
Ethridge & Co., A., Rome, N. Y. Tea.....	64,283	July 30	129	2070
Etienne-Boulle, Henri, Marseille, France. Olive-oil.....	60,456	Feb. 12	126	2581
Eureka Company, Wilkesburg, Pa. Remedies for the cure of piles.....	59,512	Jan. 8	126	752
Eureka Machine Co., Lansing, Mich. Concrete-mixing machinery.....	66,326	Nov. 19	131	938
Evans, George, New York, N. Y. Antiseptic mouth-wash.....	62,430	May 7	128	450
Evans, John S., Brookfield, Mo. Topical remedy for throat and lung affections.....	64,680	Aug. 20	129	3153
Evening News Publishing Co. of Baltimore City, Baltimore, Md. Daily newspapers.....	59,223	Jan. 1	126	382
Evening Star Newspaper Co., Washington, D. C. Newspaper.....	66,508	Dec. 10	131	1681
Evening Star Newspaper Co., Washington, D. C. Newspaper.....	66,509	Dec. 10	131	1681
Everett, Aughenbaugh & Company, Waseca, Minn. Certain cereal foods.....	63,979	July 16	129	1263
Everett, Aughenbaugh & Company, Waseca, Minn. Certain cereal foods.....	64,063	July 23	129	1604
Everett, Aughenbaugh & Company, Waseca, Minn. Certain cereal foods.....	64,307	July 30	129	2071
Everett, Aughenbaugh & Company, Waseca, Minn. Certain cereal foods.....	65,137	Sept. 10	130	650
Everett Robinson, Baltimore and Hopewell, Md. Canned tomatoes.....	65,158	Sept. 10	130	650
Evershed & Vignoles Ltd., London, England. Electric testing apparatus.....	64,980	Sept. 3	130	293
Everybody's Gum Co., St. Louis, Mo. Chewing-gum.....	59,184	Jan. 1	126	381
Ewart & Co., S., Pittsburg, Pa. Rice.....	63,547	June 25	128	3283
Excelsior Mill Company, Yankton, S. D. Wheat-flour.....	64,322	July 30	129	2071
Exner, Emil J. R., Berlin, Germany. Bitters.....	61,682	Apr. 2	127	1986
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	65,271	Sept. 17	130	972
Exposition Cotton Mills, Atlanta, Ga. Sheetings and drillings.....	65,587	Oct. 8	130	1684
Eye Rex Co., Boston, Mass. Eye-wash or eye-tonic.....	60,162	Jan. 29	126	1770
F. Jelke and Son Company, Cincinnati, Ohio. Butter.....	62,453	May 7	128	451
F. A. Hardy & Co., Chicago, Ill. Lenses for eyeglasses and spectacles.....	59,128	Jan. 1	126	380
F. A. Hardy & Co., Chicago, Ill. Ophthalmometers.....	63,333	June 18	128	2829
F. A. Hardy & Co., Chicago, Ill. Eyeglass-guards.....	64,220	July 30	129	2068
F. A. Hardy & Co., Chicago, Ill. Certain optical appliances and instruments.....	65,293	Sept. 17	130	972
F. A. Hardy and Company, Chicago, Ill. Lenses.....	63,701	July 2	129	475
F. A. Hardy and Company, Chicago, Ill. Lenses.....	63,702	July 2	129	475
F. A. Hardy and Company, Chicago, Ill. Lenses.....	63,703	July 2	129	475
F. A. Hardy and Company, Chicago, Ill. Lenses.....	63,720	July 2	129	476
F. A. Hardy and Company, Chicago, Ill. Lenses.....	63,721	July 2	129	476
F. A. Hardy and Company, Chicago, Ill. Lenses.....	63,722	July 2	129	476
F. A. Hardy & Company, Chicago, Ill. Spectacle-frames.....	64,441	Aug. 6	129	2496
F. A. Patrick & Co., Duluth, Minn. Hosiery.....	59,698	Jan. 15	126	1058
F. A. Patrick & Co., Duluth, Minn. Certain clothing.....	65,672	Oct. 15	130	2062
F. A. Patrick & Co., Duluth, Minn. Certain clothing.....	66,071	Nov. 5	131	356
F. A. Poth & Sons, Inc., Philadelphia, Pa. Beer.....	59,779	Jan. 15	126	1060
F. A. Poth & Sons, Inc., Philadelphia, Pa. Beer.....	60,376	Feb. 5	126	2184
F. C. Bushnell Co., New Haven, Conn. Olives, olive-oil, and dried and evaporated fruits.....	61,830	Apr. 9	127	2388
F. C. Bushnell Co., New Haven, Conn. Canned salmon.....	61,844	Apr. 9	127	2388
F. E. Koyeston & Co., Aurora, Ill. Coffee and tea.....	63,416	June 18	128	2831
F. F. Dalley Co. of Hamilton, Limited, Hamilton, Canada. Shoe-polish paste.....	62,509	May 14	128	879
F. P. Rick & Company, Buffalo, N. Y. Pyrographic outfits.....	66,387	Nov. 26	131	1156
F. P. Kirkendall & Co., Omaha, Neb. Leather boots, shoes, slippers, and sandals.....	61,747	Apr. 2	127	1988
F. S. Walton Company, Philadelphia, Pa. Dressings for leather belting.....	65,093	Sept. 10	130	649
F. W. Devoe & C. T. Reynolds Co., New York, N. Y. Certain named painters' materials.....	59,437	Jan. 8	126	750
Faber, Eberhard, New York, N. Y. Pens and penholders and lead-pencils.....	60,457	Feb. 12	126	2581
Faber, Eberhard, New York, N. Y. Rubber erasers.....	66,249	Nov. 19	131	936
Faber, Eberhard, New York, N. Y. Lead-pencils.....	66,358	Nov. 26	131	1155
Faber, Eberhard, New York, N. Y. Lead-pencils.....	66,359	Nov. 26	131	1155

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Faber, Eberhard, New York, N. Y. Lead-pencils.....	66,360	Nov. 26	131	1155
Faber, Eberhard, New York, N. Y. Lead-pencils.....	66,361	Nov. 26	131	1155
Faber, Eberhard, New York, N. Y. Lead-pencils.....	66,362	Nov. 26	131	1155
Faber, Eberhard, New York, N. Y. Lead-pencils and rubber erasers.....	66,363	Nov. 26	131	1155
Faber, Eberhard, New York, N. Y. Rubber erasers.....	66,364	Nov. 26	131	1155
Faber, Eberhard, New York, N. Y. Rubber erasers.....	66,576	Dec. 10	131	1683
Fabrik Fire Hose Company, Sandy Hook, Conn., and New York, N. Y. Rubber hose and fabric hose.....	66,874	Dec. 31	131	2413
Fabrik Stolzenberg Deutsche Bureau-Einrichtungsgesellschaft mit beschränkter Haftung, Oos, Germany. Type-writing machines.....	66,072	Nov. 5	131	356
Fabrik von Maggis Nahrungsmitteln, Kempptal, Switzerland. Certain named soup preparations.....	61,042	Mar. 5	127	385
Fabrik von Maggis Nahrungsmitteln, Kempptal, Switzerland. Certain named soup preparations.....	61,043	Mar. 5	127	385
Fabrique d'horlogerie Beau-Site Vve Ferdinand Bourquin, St. Imier, Switzerland. Watches.....	66,707	Dec. 24	131	2140
Fahy, Edward F., Pittsfield, Mass. Blood-tonic.....	61,184	Mar. 5	127	389
Fahrig Metal Company, New York, N. Y. Antifriction bearing metals.....	62,533	May 14	128	880
Failing Optical Co., Buffalo, N. Y. Spectacle and eyeglass lenses.....	62,939	May 28	128	1685
Fairbanks, George E., Worcester, Mass. Medicinal compound.....	63,068	June 4	128	2080
Fairbanks, Morse & Company, Chicago, Ill. Automobiles.....	60,518	Feb. 12	126	2583
Fairchild Bros. & Foster, New York, N. Y. Extract or preparation of the pancreas gland.....	60,625	Feb. 12	126	2585
Fairchild Bros. & Foster, New York, N. Y. Preparation for the modification of cows' milk.....	62,065	Apr. 16	127	2811
Fairchild Bros. & Foster, New York, N. Y. Digestive preparation of the gastric juice.....	65,397	Sept. 24	130	1304
Fairchild, John F., Mount Vernon, N. Y. Certain medicinal preparations.....	61,925	Apr. 9	127	2390
Falck, James S., Washington, D. C. Antiseptic powder.....	62,470	May 7	128	451
Falck, James S., Washington, D. C. Suppositories.....	66,099	Nov. 12	131	685
Falk Tobacco Co., New York, N. Y., and Richmond, Va. Smoking-tobacco.....	64,700	Aug. 20	129	3154
Falk Tobacco Company, New York, N. Y., and Richmond, Va. Smoking-tobacco.....	65,115	Sept. 10	130	649
Falk Tobacco Company, New York, N. Y., and Richmond, Va. Smoking-tobacco.....	65,116	Sept. 10	130	649
Fall, Arthur J., Anamosa, Iowa. Card games.....	66,660	Dec. 17	131	1937
Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Certain named chemicals.....	60,020	Jan. 22	126	1352
Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Substitutes for iodids.....	61,730	Apr. 2	127	1987
Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Certain chemicals.....	62,611	May 14	128	882
Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Analgesic.....	62,612	May 14	128	882
Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Analgesic and antirheumatic.....	62,613	May 14	128	882
Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Certain chemicals.....	62,614	May 14	128	882
Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Certain chemicals.....	62,615	May 14	128	882
Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Antirheumatic and analgesic.....	62,856	May 28	128	1683
Farbenfabriken vorm. Friedr. Bayer & Co., Elberfeld, Germany. Specific bactericide, an anti-gonorrheic and antisypilitic.....	62,900	May 28	128	1684
Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Remedy for certain named diseases.....	59,160	Jan. 1	126	381
Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Certain named medicine.....	59,161	Jan. 1	126	381
Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Antiseptic.....	59,185	Jan. 1	126	381
Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Remedy for fever and whooping-cough.....	59,186	Jan. 1	126	381
Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Albumen compound containing phosphorus.....	59,290	Jan. 1	126	384
Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Dyes.....	62,108	Apr. 16	127	2812
Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Dyestuffs applicable in coloring and printing processes.....	62,109	Apr. 16	127	2812
Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Astringent and hemostatic.....	62,996	June 4	128	2078
Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Coal-tar colors, including artificial indigo.....	63,778	July 9	129	864
Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Benzoylguaiacol.....	65,165	Sept. 10	130	651
Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Certain medicine.....	65,177	Sept. 10	130	651
Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany. Medicine for fever.....	65,721	Oct. 22	130	2365
Farina gegenüber dem Jülichs-Platz, Johann M., Cologne, Germany. Eau-de-cologne.....	61,684	Apr. 2	127	1986
Farmers' Fence Co., Morton, Ill. Wire fence.....	65,474	Oct. 8	130	1681
Farmers Friend Stock Food Company, West Milton, Ohio. Stock food.....	62,380	Apr. 30	127	3638
Farnsley, Elmer H., Omaha, Nebr. Candy.....	63,873	July 9	129	866
Farr Alpaca Co., Holyoke, Mass. Cotton and worsted piece goods.....	60,063	Jan. 29	126	1767
Farwell, Ozmun, Kirk & Co., St. Paul, Minn. Shears, scissors, razors, and pocket-knives.....	64,701	Aug. 20	129	3154
Farwell, Ozmun, Kirk & Co., St. Paul, Minn. Knives and forks.....	65,209	Sept. 10	130	652
Farwell, Ozmun, Kirk & Co., St. Paul, Minn. Certain cutlery.....	65,210	Sept. 10	130	652
Farwell & Rhines, Watertown, N. Y. Wheat-flour.....	66,290	Nov. 19	131	937
Father Schubert Rheumatic Cure Company, Chicago, Ill. Medicine for the cure of rheumatism.....	61,250	Mar. 12	127	842
Faucompré, Xavier G. E. de, Paris, France. Straw pipes or tubes.....	62,857	May 28	128	1683
Faultless Rubber Company, Akron, Ohio. Nursing-bottle nipples.....	66,436	Nov. 26	131	1157
Faultless Rubber Company, Akron, Ohio. Certain rubber articles.....	66,468	Dec. 3	131	1417
Faultless Rubber Company, Akron, Ohio. Certain rubber goods.....	66,484	Dec. 3	131	1417
Faultless Rubber Company, Akron, Ohio. Certain surgical goods.....	66,485	Dec. 3	131	1417
Fawcett, Hughes, New York, N. Y. Linen, cotton, and silk threads and yarns.....	60,098	Jan. 29	126	1768
Faxon, Williams & Faxon, Buffalo, N. Y. Certain chemical preparations.....	66,783	Dec. 31	131	2411
Fay, Alpheus, Louisville, Ky. Prepared milk and cream.....	62,659	May 21	128	1285
Fayette R. Plumb, Incorporated, Philadelphia, Pa. Certain cutlery and edge-tools.....	63,392	June 18	128	2830
Fazio, Angelo, New Orleans, La. Pickles, mustard, catsup, chow-chow, and pepper.....	62,170	Apr. 23	127	3210
Feahney, Grace B., New Orleans, La. Coffee.....	62,876	May 28	128	1683
Feary & Company, Jabez, Newark, N. J. Cigars.....	63,334	June 18	128	2829
Federal Varnish Company, New York, N. Y. Varnish.....	64,492	Aug. 13	129	2851
Fehren, Johannes von, Kiel, Germany. Bitters.....	61,770	Apr. 2	127	1988
Fehrlin, Heinrich C., assignor to Fabrik Chemischer und Dietätischer Produkte Schaffhausen, Schaffhausen, Switzerland. Remedy for consumption.....	60,626	Feb. 12	126	2585
Feiber, S. L., New York, N. Y. Silk piece goods.....	60,428	Feb. 5	126	2185
Feibleman Sons & Co., E., New Orleans, La. Syrup and molasses.....	65,117	Sept. 10	130	649
Fennessy, Frank E., Boston, Mass. Leather-blackening and leather-dressing.....	59,162	Jan. 1	126	381
Fennessy, Frank E., Boston, Mass. Leather-blackening and leather-dressing.....	59,249	Jan. 1	126	383
Fennings, Firm of Alfred, Cowes, England. Medicines for the cure and relief of children's ailments.....	64,484	Aug. 6	129	2497
Ferd Roddewig Sons, Davenport, Iowa. Whisky.....	59,471	Jan. 8	126	751
Ferment Company, New York, N. Y. Lactobacilline ferment.....	61,560	Mar. 26	127	1573
Ferment Company, New York, N. Y. Lactobacilline ferment.....	61,561	Mar. 26	127	1573
Fernandez & Ca., R., Habana, Cuba. Cigars.....	63,890	July 9	129	867
Fernandez & Co., R., Habana, Cuba, and New York, N. Y. Cigars.....	65,673	Oct. 15	130	2062
Fernandez, José, Huatusco, Vera Cruz, Mexico. Coffee in grain.....	60,520	Feb. 12	126	2583
Fernandez, Wodiska y Corral, Tampa, Fla. Cigars.....	62,552	May 14	128	880
Ferncliff Distillery Co., Louisville, Ky. Whisky.....	60,412	Feb. 5	126	2185
Ferrenzyme Capsule Company, New York, N. Y. Tonic.....	60,597	Feb. 12	126	2585

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Ferro Machine and Foundry Co., Cleveland, Ohio. Internal-combustion engines and parts thereof.	62,901	May 28	128	1684
Ferrolite Company. (See Holmes, Edw. L., assignor.)				
Ferromannin Chemical Co. (Inc.), New York, N. Y. Tonic and reconstructive.	59,291	Jan. 1	126	384
Ferromannin Chemical Co. (Inc.), New York, N. Y. Disinfectants and antiseptics.	59,558	Jan. 8	126	753
Ferruginoid Co., New York, N. Y. Certain medicine.	66,266	Nov. 19	131	936
Fertilizer Products Company, Jersey City, N. J. Fertilizers.	64,851	Aug. 27	129	3496
Feustell Nfl., Friedrich, Altona, Germany. Hematin albumin.	63,269	June 11	128	2524
Fichtenau, Ernst, Friedeck, Austria-Hungary. Insecticides.	61,872	Apr. 9	127	2389
Fiebert Bros., New York, N. Y. Hair-tonic.	60,835	Feb. 19	126	3038
Fiedler, George J. C., Chicago, Ill. Metal-polish.	61,646	Apr. 2	127	1985
Fielding, Henry H. (See Cady, Franklin P., assignor.)				
Figge-Doyle Co., Milwaukee, Wis. Whisky, gin, and brandy.	62,832	May 28	128	1682
Figge-Doyle Co., Milwaukee, Wis. Whisky, gin, and brandy.	63,228	June 11	128	2523
Filkins, Eleanor, Columbus, Ohio. Tablets for obesity.	64,453	Aug. 6	129	2496
Finley & Co., C. A., Chicago, Ill. Effervescent headache-salt.	64,139	July 23	129	1606
Florentini, Henry, Boston, Mass. Pressed ham, mortadelle, capicolli, presiutti, and cotteghini.	66,408	Nov. 26	131	1156
Fischer, Anthony, Flushing, N. Y. Remedy for malaria and grippe.	62,282	Apr. 30	127	3636
Fischer, Anthony, Flushing, N. Y. Whisky.	62,345	Apr. 30	127	3638
Fischer, Anthony, Flushing, N. Y. Whisky.	62,381	Apr. 30	127	3638
Fischer, Anthony, Flushing, N. Y. Stomach-bitters.	66,835	Dec. 31	131	2412
Fischer Brothers, Seattle, Wash. Soaps and detergent washing-powders.	65,883	Oct. 29	130	2714
Fischer Chemical Importing Co., New York, N. Y. Calcium-silver and quinin salts.	66,716	Dec. 24	131	2140
Fischer Chemical Importing Co., New York, N. Y. Filled gelatin capsules.	66,739	Dec. 24	131	2140
Fischer Chemical Importing Co., New York, N. Y. Certain medicine.	66,836	Dec. 31	131	2412
Fischer and Cie., Martin, Automobilfabrik Turicum, Uster, near Zurich, Switzerland. Automobiles.	63,953	July 16	129	1262
Fischer & Co., B., New York, N. Y. Coffee.	62,171	Apr. 23	127	3210
Fischer, Ernst C., New York, N. Y. Preparation of lemon used in making non-alcoholic beverages.	65,939	Oct. 29	130	2715
Fischer Mfg. Co., Milwaukee, Wis. Bunion-protectors.	60,131	Jan. 29	126	1769
Fishel, Nessler & Company, New York, N. Y. Certain jewelry and silver.	59,724	Jan. 15	126	1058
Fisher, Nessler & Company, New York, N. Y. Hair-pins, combs, and hair ornaments.	63,194	June 11	128	2522
Fisher Mfg. Co., Sunbury, Pa. Corn-starch.	60,064	Jan. 29	126	1767
Fisher, Rolland R., Freeport, Ill. Magazine.	65,226	Sept. 10	130	652
Fisher, Rolland R., Freeport, Ill. Magazines.	66,073	Nov. 5	131	356
Fisk Rubber Co., Chicopee Falls, Mass. Pneumatic bicycle-tires.	62,574	May 14	128	881
Fisk Rubber Co., Chicopee Falls, Mass. Pneumatic tires.	65,227	Sept. 10	130	652
Fiske Brothers Refining Co., New York, N. Y. Camphorated liquid soap.	66,859	Dec. 31	131	2413
Fitch, Asa M., Indianapolis, Ind. Chewing-gum.	62,796	May 28	128	1681
Fitch, Asa M., Indianapolis, Ind. Chewing-gum.	63,459	June 18	128	2832
Flaccus, Edward C., Wheeling, W. Va. Certain foods.	65,082	Sept. 3	130	296
Flash Chemical Company, Boston, Mass. Cleaning-paste.	60,521	Feb. 12	126	2583
Flavell Bros., Philadelphia, Pa. Knitted undershirts and drawers.	59,060	Jan. 1	126	378
Flee-Flea Co., Philadelphia, Pa. Certain medicines.	65,228	Sept. 10	130	652
Fleischmann Co., Cincinnati, Ohio, and New York, N. Y. Compressed yeast.	60,274	Feb. 5	126	2181
Fleischmanns Vienna Model Bakery, New York, N. Y. Bread.	59,738	Jan. 15	126	1059
Fleishman, Morris & Co., Richmond, Va. Leather shoes.	63,018	June 4	128	2079
Fleishman, Morris & Co., Richmond, Va. Leather shoes.	63,735	July 2	129	476
Fleming & Christian Co., Richmond, Va. Cider.	66,487	Dec. 3	131	1417
Fletcher, Henry E., New Brighton, Minn. Canned tomatoes and pumpkin.	64,934	Aug. 27	129	3498
Fletcher, Henry E., New Brighton, Minn. Canned corn.	64,935	Aug. 27	129	3498
Flexible Compound Company, Wilmington, Del., and Philadelphia, Pa. Oil paints and varnishes.	64,029	July 23	129	1603
Flexible Compound Company, Wilmington, Del., and Philadelphia, Pa. Waterproof liquid binder and insulator.	65,272	Sept. 17	130	972
Flexo Spray Co., New York, N. Y. Flexible metallic sprays.	65,475	Oct. 8	130	1681
Flinch Card Co., Kalamazoo, Mich. Card games.	59,739	Jan. 15	126	1059
Flinndall, John, Chicago, Ill. Couches, chairs, and lounges.	64,163	July 30	129	2067
Florence Manufacturing Company, Northampton, Mass. Tooth-brushes.	66,814	Dec. 31	131	2412
Flügge, Adolf, Hanover, Germany. Certain pharmaceutical preparations.	64,644	Aug. 13	129	2855
Flynn, William B., Fall River, Mass., and Providence, R. I. Tooth-paste.	61,251	Mar. 12	127	842
Foley & Company, Chicago, Ill. Remedies for affections of the throat, chest, and lungs.	61,926	Apr. 9	127	2387
Follansbee Brothers Company, Pittsburg, Pa. Tin andterne plates.	60,937	Feb. 26	126	3417
Fones Bros. Hardware Co., Little Rock, Ark. Heating and cooking stoves.	60,065	Jan. 29	126	1767
Fones, Charles A., New York, N. Y. Dental alloys and dental instruments made therefrom.	61,647	Apr. 2	127	1985
Forbes, Andrew, Philadelphia, Pa. Gin.	66,795	Dec. 31	131	2411
Forbush, Walter R., Boston, Mass. Abrasive material and material for polishing metal.	65,867	Oct. 29	130	2713
Foreat, Tomás S., New York, N. Y. Remedy for the treatment of leprosy.	66,100	Nov. 12	131	685
Foreat, Tomás S., New York, N. Y. Remedy for the treatment of syphilis.	66,101	Nov. 12	131	685
"Force" Food Company, New York and Buffalo, N. Y. Cooked flaked wheat.	60,099	Jan. 29	126	1768
Forchheimer & Co., M., Mobile, Ala. Wheat-flour.	59,916	Jan. 22	126	1349
Ford & Co., Luther, Minneapolis, Minn. Bluing.	63,270	June 11	128	2524
Ford, Grace P., Mount Vernon, N. Y. Chiffons.	65,438	Sept. 24	130	1305
Ford Remedy Co., Wichita, Kans. Remedy for certain diseases.	63,271	June 11	128	2524
Forester Grocery Co., Inc., Wilkesboro, N. C. Ginger-ale.	65,608	Oct. 8	130	1684
Forge, Albert S. de, Angouleme, France. Cognac.	63,673	July 2	129	475
Forhan, Henry L., Portland, Me. Canned fruits and vegetables.	59,740	Jan. 15	126	1059
Forhan, Henry L., Portland, Me. Canned corn.	60,275	Feb. 5	126	2181
Forhan, Henry L., Portland, Me. Canned lobsters.	60,473	Feb. 12	126	2581
Forhan, Henry L., Portland, Me. Canned lobsters.	60,474	Feb. 12	126	2581
Forhan, Henry L., Portland, Me. Canned corn and succotash.	60,475	Feb. 12	126	2581
Forhan, Henry L., Portland, Me. Canned fruits and vegetables.	60,476	Feb. 12	126	2581
Forhan, Henry L., Portland, Me. Canned corn.	60,694	Feb. 19	126	3034
Fort Smith Commission Company, Fort Smith, Ark. Roasted coffee.	62,172	Apr. 23	127	3210
Forth, John F., New York, N. Y. Pipe-cleaners.	60,429	Feb. 5	126	2185
Fortier, Amedee, Waterville, Me. Remedies for the stomach, kidneys, and liver.	62,924	May 28	128	1685
Fortiner, Byron E., Camden, N. J. Remedy for seasickness.	61,185	Mar. 5	127	389
Fortune Bros. Brew. Co., Chicago, Ill. Lager-beer.	60,377	Feb. 5	126	2184
Fortune Bros. Brewing Company, Chicago, Ill. Malt extract.	62,196	Apr. 23	127	3211
Foster-McClellan Company, Buffalo, N. Y. Ointments.	63,779	July 9	129	864
Foster Milburn Co., Buffalo, N. Y. Bitters.	63,417	June 18	128	2831
Fostoria Glass Specialty Company, Fostoria, Ohio. Chimneys and globes for lights.	62,346	Apr. 30	127	3638
Fouts & Hunter Carriage Manufacturing Co., Terre Haute, Ind. Carriages.	65,824	Oct. 22	130	2368
Fox, Chas. K., Haverhill, Mass. Leather boots and shoes.	61,748	Apr. 2	127	1988
Fox, Chas. K., Haverhill, Mass. Leather boots and shoes.	61,749	Apr. 2	127	1988
Fox & Co., M. Ewing, New York, N. Y. Decorative wall-finish or calcimine.	64,699	Aug. 20	129	3154
Fox, George M., Cleveland, Ohio. Medicine for curing piles.	59,538	Jan. 8	126	753
Foy Paint & Glass Co., Cincinnati, Ohio. Certain named paints and painters' materials.	59,061	Jan. 1	126	378
Fra-Nol Toilet Powder Co., Louisville, Ky. Toilet powder.	59,513	Jan. 8	126	752

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Francis Hook & Eye & Fastener Company, Niagara Falls, N. Y. Hooks and eyes.	64,164	July 30	129	2067
Francis Hook & Eye & Fastener Company, Niagara Falls, N. Y. Ball-and-socket snap-fasteners for garments.	65,211	Sept. 10	130	652
Francis, Joseph H., Chicago, Ill. Periodical journals.	63,169	June 11	128	2522
Frank Bros. & Co., New York, N. Y. Men's flannel shirts.	62,575	May 14	128	881
Frank Bros. & Co., New York, N. Y. Men's knitted underwear.	63,118	June 4	128	2081
Frank Bros. & Co., New York, N. Y. Knit underwear.	63,229	June 11	128	2523
Frank Bros. & Co., New York, N. Y. Knit underwear.	63,578	June 25	128	3284
Frank Bros. & Co., New York, N. Y. Knit underwear.	64,591	Aug. 13	129	2853
Frank & Co., Ivan, New York, N. Y. Suits for boys and children.	65,273	Sept. 17	130	972
Frank Jones Brewing Company Limited, Portsmouth, N. H. Ale.	61,377	Mar. 19	127	1248
Frank L. Sanford Tea & Coffee Company, Denver, Colo. Coffee.	65,825	Oct. 22	130	2368
Frank Miller Co., New York, N. Y. Leather-dressings.	61,818	Apr. 9	127	2387
Frank Mossberg Company, Attleboro, Mass. Wrenches.	64,165	July 30	129	2067
Frank Mossberg Company, Attleboro, Mass. Certain gongs and bells.	64,702	Aug. 20	129	3154
Frank Payne Company, Charleston, W. Va. Certain leather manufactures.	64,964	Sept. 3	130	293
Frank Payne Company, Charleston, W. Va. Certain leather manufactures.	65,156	Sept. 10	130	650
Frank & Sons, H., Wheeling, W. Va. Hosiery.	60,546	Feb. 12	126	2583
Frank & Sons, H., Wheeling, W. Va. Knitted underwear.	62,347	Apr. 30	127	3638
Frankfort Distillery, Frankfort, Ky. Whisky.	62,327	Apr. 30	127	3637
Frankfort Distillery, Frankfort, Ky. Whisky.	64,241	July 30	129	2069
Franklin Baker Company, Philadelphia, Pa. Shredded coconut.	60,276	Feb. 5	126	2181
Franklin Electric Mfg. Co., Hartford, Conn., and New York, N. Y. Incandescent electric lamps.	61,322	Mar. 12	127	844
Franklin Electric Mfg. Co., Hartford, Conn., and New York, N. Y. Incandescent electric lamps.	61,508	Mar. 26	127	1572
Franklin Electric Mfg. Co., Hartford, Conn., and New York, N. Y. Incandescent electric lamps.	61,873	Apr. 9	127	2389
Franklin Electric Mfg. Co., Hartford, Conn. Incandescent electric lamps.	63,996	July 16	129	1264
Franklinville Canning Co., Franklinville, N. Y. Canned fruits and vegetables.	66,172	Nov. 12	131	687
Franktown Creamery. (See DeWitt, Herbert M., assignor.)				
Fraser-Campbell, Evan J., New York, N. Y. Bleached and unbleached textile fabrics.	60,021	Jan. 22	126	1352
Fraser-Campbell, Evan J., New York, N. Y. Bleached and unbleached textile fabrics.	60,023	Jan. 22	126	1352
Fraser-Campbell, Evan J., New York, N. Y. Bleached and unbleached cotton piece goods.	65,588	Oct. 8	130	1684
Fraser-Campbell, Evan J., New York, N. Y. Bleached and unbleached cotton piece goods.	65,589	Oct. 8	130	1684
Fraser-Campbell, Evan J., New York, N. Y. Bleached and unbleached cotton piece goods.	65,590	Oct. 8	130	1684
Fred Feil Brewing Company, Philadelphia, Pa. Beer, ale, brown stout and extract of malt.	62,348	Apr. 30	127	3638
Fred. G. Clark Company, Cleveland, Ohio. Cylinder-lubricants and lubricant-stock.	59,438	Jan. 8	126	750
Fred. G. Clark Company, Cleveland, Ohio. Cylinder-lubricants and lubricant-stock.	59,439	Jan. 8	126	750
Fred. J. Meyers Manufacturing Company, Hamilton, Ohio. Machine-sifters.	61,942	Apr. 9	127	2391
Fred Krug Brewing Company, Omaha, Nebr. Beer.	59,741	Jan. 15	126	1059
Fred Krug Brewing Company, Omaha, Nebr. Extract of malt.	60,212	Jan. 29	126	1771
Fred Miller Brewing Co., Milwaukee, Wis. Beer.	61,362	Mar. 19	127	1247
Frederick Laboratory, Toledo, Ohio. Medicinal unguent or salve.	66,365	Nov. 26	131	1155
Frederick Stearns & Co., Detroit, Mich. Headache remedy.	59,559	Jan. 8	126	753
Frederick Stearns & Co., Detroit, Mich. Certain medicines.	60,598	Feb. 12	126	2585
Frederick Stearns & Co., Detroit, Mich. Digestive ferments.	60,799	Feb. 19	126	3037
Frederick Stearns & Co., Detroit, Mich. Certain toilet preparations.	62,616	May 14	128	582
Frederick Stearns & Co., Detroit, Mich. Serums and antitoxins.	64,308	July 30	129	2071
Frederick Stearns & Co., Detroit, Mich. Certain medicines.	65,628	Oct. 15	130	2061
Fredonia Portland Cement Co., Fredonia, Kans. Portland cement.	65,868	Oct. 29	130	2713
Freeburg Milling Co., Freeburg, Ill. Wheat-flour.	64,781	Aug. 20	129	3156
Freed & Peikes, New York, N. Y. Chains and bracelets.	61,750	Apr. 2	127	1988
Freeport Plumbing and Heating Co., Freeport, Ill. Boiler-cleaning compounds.	65,019	Sept. 3	130	294
Freericks & Tammen, San Diego, Cal. Cough-drops.	62,328	Apr. 30	127	3637
Freiberg, J. & A., Cincinnati, Ohio. Apricot liquor.	62,329	Apr. 30	127	3637
Freiberg, Meyer & Co., Cincinnati, Ohio. Whisky.	61,580	Mar. 26	127	1574
Freiberg, Sig. & Sol. H., Cincinnati, Ohio. Whisky.	63,365	June 18	128	2830
Freiberg, Sig. & Sol. H., Cincinnati, Ohio. Whisky.	66,488	Dec. 3	131	1417
Freiberg & Workum, Cincinnati, Ohio. Whisky.	61,378	Mar. 19	127	1248
Freiberg & Workum, Cincinnati, Ohio. Whisky.	63,032	June 4	128	2079
Freiberg & Workum, Cincinnati, Ohio. Gin.	63,674	July 2	129	475
Freiler, Philip, Elgin, Ill. Whisky.	61,379	Mar. 19	127	1248
Freiler, Philip, Elgin, Ill. Whisky.	61,731	Apr. 2	127	1987
Freiler, Philip, Elgin, Ill. Whisky.	64,782	Aug. 20	129	3156
Fremery & Co., James de, Oakland, Cal. Chocolate.	63,522	June 25	128	3282
French Battery Co., Madison, Wis. Dry batteries.	59,605	Jan. 15	126	1055
French & Co., Samuel H., Philadelphia, Pa. Dental plaster.	59,971	Jan. 22	126	1551
French & Co., Samuel H., Philadelphia, Pa. Mortar-colorings.	59,972	Jan. 22	126	1351
French & Co., Samuel H., Philadelphia, Pa. Paint and varnish brushes.	60,522	Feb. 12	126	2583
French & Co., Samuel H., Philadelphia, Pa. Certain painters' materials.	62,510	May 14	128	879
French & Co., Samuel H., Philadelphia, Pa. White lead and zinc-white.	62,833	May 28	128	1682
French & Co., Samuel H., Philadelphia, Pa. Calcined plasters and casting-plasters.	62,834	May 28	128	1682
French & Co., Samuel H., Philadelphia, Pa. White lead and zinc-white.	62,835	May 28	128	1682
French, Elizabeth, Florence, Italy. Toilet powder.	60,228	Jan. 29	126	1771
French & Ward, New York, N. Y., and West Stoughton, Mass. Knit goods in the piece.	59,062	Jan. 1	126	378
French & Ward, New York, N. Y., and West Stoughton, Mass. Knit goods in the piece.	63,170	June 11	128	2522
French, William A., Red Bank, N. J. Apple-jack, otherwise known as cider-brandy.	59,849	Jan. 22	126	1348
Frictionless Metal Company, Richmond, Va. Bearing metals.	59,402	Jan. 8	126	749
Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Cannon and certain equipments.	59,472	Jan. 8	126	751
Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Cranks, crank-axes, pitmen, piston-rods, and shafts.	60,430	Feb. 5	126	2185
Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Metal plates and steel.	61,509	Mar. 26	127	1572
Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Railway equipment.	62,283	Apr. 30	127	3636
Fried, Mendelson & Co., New York, N. Y. Silk dress goods.	63,377	June 18	128	2830
Fried, Mendelson & Co., New York, N. Y. Silk dress goods.	65,274	Sept. 17	130	972
Friedenwald & Co., J. H., Baltimore, Md. Whisky, gin, brandy, and rum.	59,699	Jan. 15	126	1058
Friedenwald & Co., J. H., Baltimore, Md. Whisky.	60,229	Jan. 29	126	1771
Friedenwald & Co., J. H., Baltimore, Md. Buchu gin.	62,431	May 7	128	450
Friedlaender, Oscar O., New York, N. Y. Lamp-chimneys.	60,766	Feb. 19	126	3036
Friedman & Co., A., Denver, Colo. Whisky.	61,943	Apr. 9	127	2391
Friedman & Co., Sol, New York, N. Y. Silk and cotton piece goods.	65,083	Sept. 3	130	296
Friedman, Keiler & Co., Paducah, Ky. Whisky.	61,894	Apr. 9	127	2389
Friedman, Keiler & Co., Paducah, Ky. Whisky.	65,940	Oct. 29	130	2715
Friedman-Shelby Shoe Co., St. Louis, Mo. Leather boots and shoes.	64,357	Aug. 6	129	2494
Friedmann & Distillatory, New York, N. Y. Chiffons, malines, ribbons, and velvets.	66,740	Dec. 24	131	2140
Fried & Marks, Milwaukee, Wis. Coats, vests, trousers, and overcoats.	62,590	May 14	128	881
Fries Harley Co., Gloucester, N. J. Rugs and carpets.	62,534	May 14	128	880
Fries, Harold H., New York, N. Y. Chlorid of ethyl.	63,705	July 2	129	475

Alphabetical list of registrants of trade-marks—Continued.

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Fritts & Wiehl Company, Chattanooga, Tenn. Certain medicines.	64,454	Aug. 6	129	2496
Fritz Bros. Co., Cincinnati, Ohio. Cigars.	61,510	Mar. 26	127	1572
Fritz, Harry J., Philadelphia, Pa. Remedy used as a tonic for the digestive tract.	60,441	Feb. 5	126	2186
Fritzsche Brothers, New York, N. Y. Certain chemical preparations.	62,432	May 7	128	450
Froelich, Gottlieb W., St. Paul, Minn. Washing-machines, washtubs, wringers, mangles, and clothes-driers.	61,323	Mar. 12	127	844
Froese, Minna, New York, N. Y. Ash-sifter.	60,066	Jan. 29	126	1767
Fromm & Co., F. H., Philadelphia, Pa. Canned sardines.	64,384	Aug. 6	129	2494
Frörup, L. E., New York, N. Y. Battery-carbons, carbon brushes, and carbons for electric lamps.	59,129	Jan. 1	126	380
Fry & Friedsam, New York, N. Y. Ribbons.	59,379	Jan. 8	126	749
Frye & Co., Jed, New York, N. Y. Canned fish.	66,679	Dec. 24	131	2139
Frye & Co., Jed, New York, N. Y. Canned fish.	66,680	Dec. 24	131	2139
Frye & Co., Jed, New York, N. Y. Canned sardines.	66,681	Dec. 24	131	2139
Fulcher, W. C., near Staunton, Va. Rye and Bourbon whiskies.	65,591	Oct. 8	130	1684
Fuld & Hatch Knitting Company, Albany, N. Y. Knitted fabric, knitted underwear, sweaters, shirts, and jackets.	65,439	Sept. 24	130	1305
Fuller Canneries Company, Cleveland, Ohio, and South Dayton, N. Y. Canned vegetables.	64,547	Aug. 13	129	2852
Fuller Canneries Company, Cleveland, Ohio, and South Dayton, N. Y. Canned vegetables.	64,548	Aug. 13	129	2852
Fuller Canneries Company, Cleveland, Ohio, and South Dayton, N. Y. Canned vegetables.	64,750	Aug. 20	129	3155
Fuller, Charles W., St. Augustine, Fla., and Newport, R. I. Jewel-stone.	60,230	Jan. 29	126	1771
Fuller, Frank, New York, N. Y. Bread.	61,648	Apr. 2	127	1985
Fuller, Frank, New York, N. Y. Bread.	61,658	Apr. 2	127	1985
Fuller, Guy H., Detroit, Mich. Tonic medicine.	63,754	July 9	129	863
Fuller, James B., Boston, Mass. Detergent cleaning fluid.	63,809	July 9	129	864
Funk & Wagnalls Company, New York, N. Y. Monthly journal.	61,252	Mar. 12	127	842
G. Cramer Dry Plate Co., St. Louis, Mo. Photographic plates.	59,024	Jan. 1	126	377
G. Gordon Martin, Incorporated, Chicago, Ill. Teeth.	65,118	Sept. 10	130	649
G. Heileman Brewing Co., La Crosse, Wis. Beer.	63,492	June 25	128	3281
G. Kammernann & Cie. Schweiz. Trockenmilchgesellschaft, Glockenthal, Switzerland. Mixture of dry milk and cocoa.	62,723	May 21	128	1287
G. A. Crayen & Co., New York, N. Y. Surgical bandages.	62,651	May 21	128	1285
G. B. Farrington Company, New York, N. Y. Coffee.	65,954	July 16	129	1262
G. & C. Merriam Co., Springfield, Mass. Dictionaries.	59,130	Jan. 1	126	380
G. & C. Merriam Co., Springfield, Mass. Dictionaries and reference-manuals.	59,187	Jan. 1	126	381
G. & C. Merriam Co., Springfield, Mass. Dictionaries and reference-manuals.	59,188	Jan. 1	126	381
G. & C. Merriam Co., Springfield, Mass. Dictionaries.	59,189	Jan. 1	126	381
G. & C. Merriam Co., Springfield, Mass. Dictionaries and reference-manuals.	59,190	Jan. 1	126	381
G. & C. Merriam Co., Springfield, Mass. Dictionaries and reference-manuals.	59,191	Jan. 1	126	381
G. & C. Merriam Co., Springfield, Mass. Dictionaries and reference-manuals.	59,192	Jan. 1	126	381
G. & C. Merriam Co., Springfield, Mass. Dictionaries.	59,193	Jan. 1	126	382
G. & C. Merriam Co., Springfield, Mass. Dictionaries.	59,224	Jan. 1	126	382
G. & C. Merriam Co., Springfield, Mass. Dictionaries.	59,473	Jan. 8	126	751
G. J. Schultz Company, New York, N. Y. Electrical ignition devices and spark-plugs.	63,607	July 2	129	473
G. P. Putnam's Sons, New York, N. Y. Books of poetry and prose.	63,195	June 11	128	2522
G. R. Lynch Mfg. Company, Chattanooga, Tenn. Certain heating and lighting apparatus.	60,653	Feb. 19	126	3033
G. W. Cole Company, Rahway, N. J., and New York, N. Y. Oil for certain named purposes.	61,545	Mar. 26	127	1573
G. W. Cole Company, Rahway, N. J., and New York, N. Y. Oil for certain named purposes.	61,546	Mar. 26	127	1573
Galena Signal Oil Co., Franklin, Pa. Illuminating and lubricating oils and greases.	65,197	Sept. 10	130	651
Galena-Signal Oil Company, Franklin, Pa. Lubricating-oil.	59,780	Jan. 15	126	1060
Galena-Signal Oil Company, Franklin, Pa. Lubricating-oil.	65,993	Nov. 5	131	354
Galena-Signal Oil Company, Franklin, Pa. Lubricating-oil.	65,994	Nov. 5	131	354
Galena-Signal Oil Company, Franklin, Pa. Lubricating-oil.	65,995	Nov. 5	131	354
Galena-Signal Oil Company, Franklin, Pa. Lubricating-oils.	66,154	Nov. 12	131	686
Gallaher, Edward B., New York, N. Y. Metal-polish.	65,094	Sept. 10	130	649
Galland, Bertha H., New York, N. Y. Chewing-gum.	63,997	July 16	129	1264
Gallatin Valley Milling Company, Belgrade, Mont. Wheat-flour.	62,877	May 28	128	1683
Gallaway, George W., New York, N. Y. Lubricating-oils for axles and journal-bearings.	63,623	July 2	129	473
Galveston Brewing Company, Galveston, Tex. Beer.	65,658	Oct. 15	130	2062
Gane Brothers & Co., New York, N. Y. Imitation metal leaf.	66,043	Nov. 5	131	355
Gans Bros., New York, N. Y. Cigars, cheroots, and little cigars.	63,640	July 2	129	474
Garden City Laboratory, Chicago, Ill. Soldering-flux.	61,026	Feb. 26	126	3419
Gardiner, Alfred P., New York, N. Y. Tooth-powder.	64,473	Aug. 6	129	2497
Gardner, Frederick, Chicago, Ill. Bread, crackers, yeast, and cereal breakfast food.	59,440	Jan. 8	126	750
Gardner, Henry O., Worcester, Mass. Felt shoes and slippers.	59,850	Jan. 22	126	1348
Garfield Savings Bank Co., Cleveland, Ohio. Periodical.	63,523	June 25	128	3282
Garfield Tea Co., New York, N. Y. Liniment for external use.	59,225	Jan. 1	126	382
Garlock Packing Company, Palmyra, N. Y. Sheet-packing.	63,019	June 4	128	2079
Garner & Co., New York, N. Y. Printed and dyed calicoes, percales, ducks, and drills.	62,535	May 14	128	880
Garner & Co., New York, N. Y. Calicoes, printed and dyed, and percales, printed and dyed.	63,045	June 4	128	2079
Garratt, Edward C., Seattle, Wash. Packing.	66,762	Dec. 24	131	2141
Garratt, John E., New York, N. Y. Massage and vibration instruments for curative purposes.	62,396	May 7	128	449
Garratt, John E., London, England. Certain exercising apparatus.	66,875	Dec. 31	131	2413
Garrett-Williams Co., Baltimore, Md. Whisky.	60,213	Jan. 29	126	1771
Garrett-Williams Company, Baltimore, Md. Whisky.	66,291	Nov. 19	131	937
Garrigues, Harry B., Massillon, Ohio. Ointment and a medicinal powder.	63,069	June 4	128	2080
Garst, Julius, Worcester, Mass. Pills.	65,229	Sept. 10	130	652
Gary & Co., Theo. H., New York, N. Y. Hair-nets.	61,751	Apr. 2	127	1988
Gatti & Son, S., Washington, D. C. Coffee and tea.	64,549	Aug. 13	129	2852
Gatti & Son, S., Washington, D. C. Certain foods.	64,550	Aug. 13	129	2852
Gaudet, Joseph T., Joliette, Quebec, Canada. Hair-restorer.	63,641	July 2	129	474
Gaunt, J. & L. F., Armley, England. Post-cards.	65,754	Oct. 22	130	2366
Gauss-Langenberg Hat Co., St. Louis, Mo. Men's and boys' fur hats.	62,306	Apr. 30	127	3636
Gauvin, J. A. E., Montreal, Canada. Remedy for infantile disorders.	59,742	Jan. 15	126	1059
Gavin, Joseph A., Buffalo, N. Y. Weekly publication.	66,876	Dec. 31	131	2413
Gavitt Chemical Co., W. W., Topeka, Kans. Perfume.	62,037	Apr. 16	127	2810
Gedformol Manufacturing Company of Baltimore City, Baltimore, Md. Ointments.	62,433	May 7	128	450
Gehlert, Gustav B., Benton Harbor, Mich. Cider.	61,874	Apr. 9	127	2389
Gehlert, Gustav B., Benton Harbor, Mich. Pickles and vinegar.	62,805	May 28	128	1682
Gehring, George F., Louisville, Ky. Blood-purifier.	60,836	Feb. 19	126	3038
Geiger-Tinney Company, Indianapolis, Ind. Baking-powder.	65,629	Oct. 15	130	2061
Gellenbeck, Albert H., Cincinnati, Ohio. Whisky.	62,173	Apr. 23	127	3210
Gem Cutlery Co., New York, N. Y. Razors.	65,941	Oct. 29	130	2715
General Chemical Company, New York, N. Y. Crates or boxes for shipping carboys.	65,095	Sept. 10	130	649
General Electric Company, Schenectady, N. Y. Rosettes.	60,523	Feb. 12	126	2583
General Fireproofing Co., Youngstown, Ohio. Expanded-metal structures.	64,703	Aug. 20	129	3154
General Incandescent Lamp Company, Cleveland, Ohio. Incandescent lamps.	60,163	Jan. 29	126	1770

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General Incandescent Lamp Company, Cleveland, Ohio. Incandescent lamps.....	61,547	Mar. 26	127	1573
General Need Company, Buffalo, N. Y. Soaps and scouring and cleaning compounds in paste form.	60,695	Feb. 19	126	3034
General Storage Battery Co., Boonton, N. J., and New York, N. Y. Storage batteries and storage-battery plates.....	66,510	Dec. 10	131	1681
Gentil, Edmond, Neuilly-sur-Seine, near Paris, France. Certain named boats and road-vehicles.....	59,474	Jan. 8	126	751
Genuine Bangor Slate Co. Inc., Easton, Pa. Roofing and building slate.....	60,896	Feb. 26	126	3416
Genuine Bangor Slate Co., Easton, Pa. Roofing-slate.....	66,588	Dec. 17	131	1935
Geo. Benz & Sons, St. Paul, Minn. Whisky.....	61,752	Apr. 2	127	1988
Geo. Benz & Sons, St. Paul, Minn. Whisky.....	66,741	Dec. 24	131	2140
Geo. Bieler Sons Co., Cincinnati, Ohio. Whisky.....	60,214	Jan. 29	126	1771
Geo. Bieler Sons Co., Cincinnati, Ohio. Whisky.....	60,215	Jan. 29	126	1771
Geo. Borgfeldt & Co., New York, N. Y. Enameled steelware.....	62,150	Apr. 23	127	3209
Geo. Borgfeldt & Co., New York, N. Y. Dolls.....	62,151	Apr. 23	127	3209
Geo. Borgfeldt & Co., New York, N. Y. Talking-machines.....	62,349	Apr. 30	127	3638
Geo. Borgfeldt & Co., New York, N. Y. Enameled steelware.....	62,902	May 28	128	1684
Geo. Borgfeldt & Co., New York, N. Y. China for domestic and household purposes.....	63,524	June 25	128	3282
Geo. Borgfeldt & Co., New York, N. Y. Dolls.....	65,119	Sept. 10	130	649
Geo. Borgfeldt & Co., New York, N. Y. Harmonicas.....	65,120	Sept. 10	130	649
Geo. Borgfeldt & Co., New York, N. Y. Pocket-knives, razors, and table-cutlery.....	65,212	Sept. 10	130	652
Geo. Borgfeldt & Co., New York, N. Y. Certain fancy goods, furnishings, and notions.....	65,440	Sept. 24	130	1305
Geo. Bray & Co. Ltd., Leeds, England. Gas-burners of ordinary metal.....	61,800	Apr. 9	127	2387
Geo. Bray & Co. Ltd., Leeds, England. Gas-burners of ordinary metal.....	61,801	Apr. 9	127	2387
Geo. Bray & Co. Ltd., Leeds, England. Gas-burners of ordinary metal.....	61,802	Apr. 9	127	2387
Geo. Bray & Co. Ltd., Leeds, England. Gas-burners of ordinary metal.....	61,803	Apr. 9	127	2387
Geo. Bray & Co. Ltd., Leeds, England. Gas-burners of ordinary metal.....	61,804	Apr. 9	127	2387
Geo. Bray & Co. Ltd., Leeds, England. Gas-burners of ordinary metal.....	61,805	Apr. 9	127	2387
Geo. D. Witt Shoe Co., Lynchburg, Va. Leather boots and shoes.....	61,111	Mar. 5	127	387
Geo. D. Witt Shoe Co., Lynchburg, Va. Leather boots and shoes.....	61,192	Mar. 5	127	389
Geo. F. Dittmann Boot & Shoe Company, St. Louis, Mo. Leather boots and shoes.....	60,547	Feb. 12	126	2583
Geo. G. Sandeman Sons & Co. Limited, London, England. Port and sherry wines.....	62,307	Apr. 30	127	3636
Geo. G. Sandeman Sons & Co. Limited, London, England. Port and sherry wines.....	64,221	July 30	129	2068
Geo. G. Snow Co., Brockton, Mass. Leather boots and shoes.....	65,674	Oct. 15	130	2062
Geo. H. Cross Co., St. Johnsbury, Vt. Bread and crackers.....	66,292	Nov. 19	131	937
Geo. N. La Bonte Shoe Co., Boston, Mass. Leather boots and shoes.....	60,477	Feb. 12	126	2581
Geo. W. Korn Razor Mfg. Co., Little Valley, N. Y. Razors.....	65,213	Sept. 10	130	652
Geo. W. Torrey Co., Boston, Mass. Whisky.....	60,958	Feb. 26	126	3417
George Bieler Sons Company, Cincinnati, Ohio. Whisky.....	65,722	Oct. 22	130	2365
George Cutter Co., South Bend, Ind. Wire rope.....	60,519	Feb. 12	126	2583
George Cutter Co., South Bend, Ind. Fine-braided cotton rope with a weatherproof finish.....	60,548	Feb. 12	126	2583
George Cutter Co., South Bend, Ind. Porcelain insulators.....	61,992	Apr. 16	127	2809
George Cutter Co., South Bend, Ind. Mast-arms for the support of lamps.....	62,292	Apr. 30	127	3636
George E. Wye Company, Needham, Mass. Sweaters.....	63,393	June 18	128	2830
George Frost Company, Boston, Mass. Hose-supporters.....	61,772	Apr. 2	127	1989
George Frost Company, Boston, Mass. Hose-supporters.....	62,925	May 28	128	1685
George H. Rundle Co., Piqua, Ohio. Remedy for certain diseases.....	64,011	July 16	129	1264
George La Monte & Son, Nutley, N. J., and New York, N. Y. Writing and printing paper.....	63,142	June 11	128	2521
George La Monte & Son, Nutley, N. J., and New York, N. Y. Safety-paper.....	66,452	Nov. 26	131	1157
George La Monte & Son, Nutley, N. J., and New York, N. Y. Safety-paper.....	66,453	Nov. 26	131	1157
George Luaders & Co., New York, N. Y. Compound oils for making perfumes.....	63,579	June 25	128	3284
George Muller & Son Company, Philadelphia, Pa. Hard and soft candy.....	59,884	Jan. 22	126	1348
George Nye Company, Springfield, Mass. Butter.....	65,802	Oct. 22	130	2367
George Urban Milling Company, Buffalo, N. Y. Wheat-flour.....	61,875	Apr. 9	127	2389
George Urban Milling Company, Buffalo, N. Y. Wheat-flour.....	61,876	Apr. 9	127	2389
George Urban Milling Company, Buffalo, N. Y. Wheat-flour.....	61,877	Apr. 9	127	2389
George Urban Milling Company, Buffalo, N. Y. Wheat-flour.....	61,878	Apr. 9	127	2389
George Urban Milling Company, Buffalo, N. Y. Wheat-flour.....	65,370	Sept. 24	130	1303
George White Buggy Company, Rock Island, Ill. Certain vehicles.....	64,704	Aug. 20	129	3154
George Wiedemann Brewing Co., Newport, Ky. Beer.....	59,380	Jan. 8	126	749
George Wiedemann Brewing Co., Newport, Ky. Beer.....	66,661	Dec. 17	131	1937
George Worthington Company, Cleveland, Ohio. Shovels, scoops, and spades.....	59,025	Jan. 1	126	377
George Worthington Company, Cleveland, Ohio. Shovels and spades.....	59,026	Jan. 1	126	377
George Worthington Company, Cleveland, Ohio. Axes.....	59,027	Jan. 1	126	377
George Worthington Company, Cleveland, Ohio. Hammers.....	51,606	Jan. 15	126	1055
George Worthington Company, Cleveland, Ohio. Lawn-mowers.....	51,607	Jan. 15	126	1055
George Worthington Company, Cleveland, Ohio. Saws.....	63,020	June 4	128	2079
George Worthington Company, Cleveland, Ohio. Horse-blankets.....	63,831	July 9	129	865
George Worthington Company, Cleveland, Ohio. Certain edge-tools.....	64,607	Aug. 13	129	2854
George Worthington Company, Cleveland, Ohio. Braces, hammers, screw-drivers, and picks.....	64,608	Aug. 13	129	2854
George Worthington Company, Cleveland, Ohio. Certain cutlery and edge-tools.....	65,723	Oct. 22	130	2365
George Ziegler Co., Milwaukee, Wis. Chocolates, caramels, and all kinds of candies.....	61,223	Mar. 12	127	841
Georges Favre-Jacot & Company, Le Locle, Switzerland. Watches and parts of watches.....	64,731	Aug. 20	129	3155
Geraty, William C., Youngs Island, S. C. Cabbage-plants.....	63,896	July 16	129	1261
Gerhard Mennen Chemical Co., Newark, N. J. Tooth-powder.....	61,445	Mar. 19	127	1250
Gerhard Mennen Chemical Co., Newark, N. J. Toilet powder.....	65,294	Sept. 17	130	972
German-American Coffee Co., New York, N. Y. Tea.....	64,284	July 30	129	2070
Germo Manufacturing Co., Sedalia, Mo. Liquid insecticide.....	60,599	Feb. 12	126	2585
Germofert Manufacturing Company, Charleston, S. C. Fertilizers.....	62,482	May 7	128	451
Germer, Joseph H., Lowville, N. Y. Cereal substitute for coffee.....	63,723	July 2	129	476
Gerson, Jacobson & Co., New York, N. Y. Overcoats, coats pants, and vests.....	64,358	Aug. 6	129	2494
Gibbes, Alexander M., Columbia, S. C. Certain named woodworking-machines, &c.....	59,539	Jan. 8	126	753
Gibbs Manufacturing Co., Canton, Ohio. Embroidery-hoops.....	60,549	Feb. 12	126	2583
Gibbs Manufacturing Co., Canton, Ohio. Embroidery-hoops.....	60,550	Feb. 12	126	2583
Gibbs Manufacturing Co., Canton, Ohio. Embroidery-hoops.....	60,551	Feb. 12	126	2583
Gibbs Manufacturing Co., Canton, Ohio. Embroidery-hoops.....	60,552	Feb. 12	126	2583
Gibson Soap Company, South Omaha, Nebr., assignor to Cudahy Packing Company, Chicago, Ill. Saponaceous scouring and cleansing preparation.....	63,469	June 25	128	3281
Giesecke, August, Milwaukee, Wis. Rheumatic remedy.....	62,293	Apr. 30	127	3636
Giesecke-D'Oench-Hays Shoe Company, St. Louis, Mo. Leather shoes.....	64,222	July 30	129	2068
Gilbert, George W., Boston, Mass. Alizarin.....	66,366	Nov. 26	131	1155
Gilbert, George W., Boston, Mass. Certain chemical.....	66,787	Dec. 31	131	2411
Gilbert Manufacturing Company, New York, N. Y. Petticoats and certain skirts.....	64,193	July 30	129	2068
Gile & Company, H. S., Salem, Oreg. Dried and evaporated prunes.....	62,066	Apr. 16	127	2811
Gilka, J. A., Berlin, Germany. Kümmel or cordial.....	60,231	Jan. 29	126	1771
Gill Brothers Company, Steubenville, Ohio. Glass chimneys, lantern-globes, and reflectors.....	61,879	Apr. 9	127	2389
Gill Brothers Company, Steubenville, Ohio. Electric lamps.....	62,746	May 21	128	1288
Gill Brothers Company, Steubenville, Ohio. Certain glassware.....	63,196	June 11	128	2522

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Gillespie-Benedict Company, Chicago, Ill. Special paints for steel structures, metal, wood, composition roofs, &c.	62,955	June 4	128	2077
Gillespie-Benedict Company, Chicago, Ill. Special paints for steel structures, metal, wood, composition roofs, &c.	62,956	June 4	128	2077
Gillinder & Sons, Inc., Philadelphia, Pa. Certain glassware.	60,191	Jan. 29	126	1779
Gillinder & Sons, Inc., Philadelphia, Pa. Certain glass articles.	65,794	Oct. 22	130	2367
Gilmore, Richard N., Beard, Ky. Ointment.	65,736	Oct. 22	130	2365
Ginter Grocery Co., Boston, Mass. Whisky.	63,810	July 9	129	865
Ginter Grocery Co., Boston, Mass. Chocolates.	64,064	July 23	129	1604
Ginter Grocery Co., Boston, Mass. Chocolates.	64,568	Aug. 13	129	2853
Ginter Grocery Co., Boston, Mass. Chocolates.	65,048	Sept. 3	130	295
Ginter Grocery Co., Boston, Mass. Tea and coffee.	65,826	Oct. 22	130	2368
Girard & Co., Tonnyay-Charente, France. Brandy.	62,003	Apr. 16	127	2810
Gittins, Geo. W., assignor to Milton Piano Company, New York, N. Y. Pianos.	63,746	July 9	129	863
Glahn & Son, Henry von, Brooklyn, N. Y. Canned corn.	59,090	Jan. 1	126	379
Glahn & Son, Henry von, Brooklyn, N. Y. Canned peas.	59,131	Jan. 1	126	380
Glahn & Son, Henry von, Brooklyn, N. Y. Canned beans.	59,132	Jan. 1	126	380
Glaser & Barzen Distilling & Importing Co., Kansas City, Mo. Whisky.	59,579	Jan. 8	126	754
Glaser & Barzen Distilling & Importing Co., Kansas City, Mo. Whisky.	66,421	Nov. 26	131	1157
Glass, Gertrude, Chicago, Ill. Certain prepared sponges.	65,884	Oct. 29	130	2714
Glazier, Frank D., South Glastonbury, Conn. Woolen dress goods and cloakings in the piece.	63,675	July 2	129	475
Glen, Mary A., Elizabeth, N. J. Paper toys.	61,481	Mar. 26	127	1571
Glenn Rock Mineral Spring Company, Waukesha, Wis. Still and carbonated waters.	63,294	June 18	128	2830
Glidden, Hyde & Co., Boston, Mass. Hosiery.	62,553	May 14	128	880
Glidden, Hyde & Co., Boston, Mass. Knit stockings.	62,742	Dec. 24	131	2140
Glidden Varnish Co., Cleveland, Ohio. Varnishes.	65,770	Oct. 22	130	2366
Glidden Varnish Company, Cleveland, Ohio. Liquid wood-filler.	62,496	May 7	128	452
Glidden Varnish Company, Cleveland, Ohio. Prepared linseed-oil.	63,874	July 9	129	866
Glidden Varnish Company, Cleveland, Ohio. Certain painters' materials.	64,705	Aug. 20	129	3154
Glidden Varnish Company, Cleveland, Ohio. Varnish.	66,437	Nov. 26	131	1157
Globe Machine and Stamping Company, Cleveland, Ohio. Magazines and pamphlets.	62,747	May 21	128	1288
Globe Milling Co., Lockport, N. Y. Wheat-flours.	66,589	Dec. 17	131	1935
Globe Milling Company, Watertown, Wis. Wheat-flour.	63,440	June 18	128	2832
Globe-Wernicke Company, Cincinnati, Ohio. Bookcases and parts thereof.	62,536	May 14	128	880
Globe-Wernicke Company, Cincinnati, Ohio. Document-files.	63,197	June 11	128	2522
Globe-Wernicke Company, Cincinnati, Ohio. Bookcases, filing-cabinets, document-boxes, cupboards, and wardrobes.	63,230	June 11	128	2523
Globe-Wernicke Company, Cincinnati, Ohio. Certain furniture.	63,441	June 18	128	2832
Globe-Wernicke Company, Cincinnati, Ohio. Certain furniture.	63,442	June 18	128	2832
Globe-Wernicke Company, Cincinnati, Ohio. Document-files and desk-pads.	63,443	June 18	128	2832
Globe-Wernicke Company, Cincinnati, Ohio. Document-files.	63,708	July 2	129	475
Globe-Wernicke Company, Cincinnati, Ohio. Certain articles of stationery.	63,724	July 2	129	476
Globe-Wernicke Company, Cincinnati, Ohio. Certain articles of stationery.	63,725	July 2	129	476
Globe-Wernicke Company, Cincinnati, Ohio. Certain articles of stationery.	63,726	July 2	129	476
Globe-Wernicke Company, Cincinnati, Ohio. Document-files.	64,493	Aug. 13	129	2851
Gloversville Silk Mills, Gloversville, N. Y. Silk gloves.	59,063	Jan. 1	126	378
Gloversville Silk Mills, Gloversville, N. Y. Silk gloves.	66,511	Dec. 10	131	1681
Glycosine Phosphate Co., Salisbury, N. C. Remedy for the alleviation and cure of indigestion.	59,286	Jan. 1	126	384
Goetz, Oscar P., East Chicago, Ind. Skin remedy.	66,837	Dec. 31	131	2412
Goert & Company, Ludwig E., New York, N. Y. Embroideries, embroidery-patterns, and needle-work designs on linen or other fabrics.	61,126	Mar. 5	127	387
Goetz, Otto, New York, N. Y. Dyed cotton fabrics.	62,724	May 21	128	1287
Goldberg, Nathan E., Brooklyn, N. Y. Oxygenated talcum powder.	63,308	June 11	128	2525
Goldberg, Samuel, Cleveland, Ohio. Remedy for sleeplessness.	66,512	Dec. 10	131	1681
Goldberg, Solomon H., Waukegan, Ill. Hair-pins.	62,053	Apr. 16	127	2811
Golden & Co., Washington, D. C. Butter.	65,121	Sept. 10	130	649
Golden Hill Distilling Co., Columbus, Ohio. Cordials.	66,293	Nov. 19	131	937
Golden Hill Distilling Co., Columbus, Ohio. Whisky.	66,294	Nov. 19	131	937
Golden, Lewis, Detroit, Mich. Trousers.	60,934	Feb. 26	126	3417
Golden State Shoe Co., Los Angeles, Cal. Men's leather shoes.	60,232	Jan. 29	126	1771
Goldenberg, Benjamin, New York, N. Y. Toy bears.	60,149	Jan. 29	126	1769
Goldenberg, Benjamin, New York, N. Y. Certain toy clothing.	64,442	Aug. 6	129	2496
Goldman, Belle, San Francisco, Cal. Electric heating stoves and irons.	59,666	Jan. 15	126	1057
Goldschmidt, Th., Essen-on-the-Ruhr, Germany. Certain metals and alloys.	66,044	Nov. 5	131	355
Goldschmidt Thermo Co., New York, N. Y. Metal compounds for use in welding metals.	61,880	Apr. 9	127	2389
Goldsoll, Frank J., New York, N. Y. Certain jewelry.	64,783	Aug. 20	129	3154
Goll Chemical Works, Bruno H., Chicago, Ill. Toilet cream.	66,838	Dec. 31	131	2412
Goltze, Ella, New York, N. Y. Soap for cleansing fine linen and embroidery.	61,324	Mar. 12	127	844
Gonden, Harvey J., Chicago, Ill. Monthly journal.	62,637	May 21	128	1285
Gooderham & Worts Ltd., Toronto, Ontario, Canada. Whisky.	66,796	Dec. 31	131	2411
Goodhart-Hartman Co., Chicago, Ill. Whisky.	62,350	Apr. 30	127	3638
Goodness Bros., Webster and Worcester, Mass. Remedies for certain diseases.	61,732	Apr. 2	127	1987
Goodrich & Sigveland, St. Paul, Minn. Dental tooth-paste.	65,553	Oct. 8	130	1683
Goodyear Rubber Company, New York, N. Y. Rubber boots and shoes.	62,398	May 7	128	449
Goodyear Rubber Company, New York, N. Y. Rubber boots and shoes.	63,153	June 11	128	2521
Goodyear Rubber Company, New York, N. Y. Rubber boots and shoes.	63,493	June 25	128	3281
Goodyear Rubber Company, New York, N. Y. Rubber boots and shoes.	62,266	Apr. 30	127	3635
Goodyear Tire and Rubber Company, Akron, Ohio. Rubber tires.	64,242	July 30	129	2069
Goodyear's Metallic Rubber Shoe Co., Naugatuck, Conn. Rubber boots and shoes.	65,996	Nov. 5	131	354
Goodyear's Metallic Rubber Shoe Co., Naugatuck, Conn. Rubber boots and shoes.	65,997	Nov. 5	131	354
Gordon Coffee & Spice Company, Kansas City, Mo. Roasted coffee.	60,654	Feb. 19	126	3033
Gordon & Dilworth, New York, N. Y. Preserved and canned fruits and vegetables.	60,861	Feb. 26	126	3415
Gordon & Dilworth, New York, N. Y. Preserved and canned meats.	59,308	Jan. 8	126	747
Gordon & Ferguson, St. Paul, Minn. Leather gloves.	65,827	Oct. 22	130	2368
Gordon Manufacturing Company, New Rochelle, N. Y. Hose-supporters.	63,378	June 18	128	2830
Gordon Manufacturing Company, New Rochelle, N. Y. Hose-supporters.	63,780	July 9	129	864
Gordon, Wolf & Co., New York, N. Y. Honey compounds.	61,581	Mar. 26	127	1574
Gordon, Wolf & Co., New York, N. Y. Certain named confection.	62,576	May 14	128	881
Gordshell Chemical Company, Baltimore, Md. Salve.	61,158	Mar. 5	127	388
Goreau, Thomas W., New Orleans, La. Filters.	60,959	Feb. 26	126	3417
Gorham Manufacturing Company, Providence, R. I. Certain objects of art and ornament.	64,915	Aug. 27	129	3497
Gorman & Company, Inc., Seattle, Wash. Canned salmon.	65,371	Sept. 24	130	1303
Gorton-Pew Fisheries Co., Gloucester, Mass. Salted, cured, dried, and canned fish.	60,678	Feb. 19	126	3034
Goss, Daniel S., Rutherford, N. J. Certain cereal foods.	59,441	Jan. 8	126	750
Gottschalk Company of Baltimore City, Baltimore, Md. Whisky.	60,233	Jan. 29	126	1771
Gould & Eberhardt, Newark, N. J. Certain machinery.	65,049	Sept. 3	130	295

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Gould Harry J., Chicago, Ill. Game played with cards.....	62,836	May 28	128	1682
Grace Brothers & Co. Ltd., London, England. Tea.....	64,259	July 30	129	2061
Graeszel, Edward H., Watertown, Wis. Certain poultry apparatus.....	63,070	June 4	128	2080
Graf & Comp. (See Yermeth-Compagnie Lender & Co., assignor.)				
Graf, John, Milwaukee, Wis. Certain beverages.....	59,871	Jan. 22	126	1348
Graf-Morsbach Company, Cincinnati, Ohio. Saddles, harness, bridles, and horse-collars.....	62,132	Apr. 23	127	3209
Graff Furnace Co., New York, N. Y. Furnaces.....	63,907	July 16	129	1261
Graft, John C., Newark, N. J. Antiseptic and germicide preparation for dental use.....	66,717	Dec. 24	131	2140
Grafton Press, New York, N. Y. Magazine.....	66,082	Nov. 5	131	356
Graham Paper Co., St. Louis, Mo. Certain paper.....	66,549	Dec. 10	131	1681
Graham Paper Co., St. Louis, Mo. Certain paper.....	65,550	Dec. 10	131	1682
Graham Paper Co., St. Louis, Mo. Certain paper.....	66,551	Dec. 10	131	1682
Graham Paper Co., St. Louis, Mo. Certain paper.....	66,552	Dec. 10	131	1582
Graham Paper Co., St. Louis, Mo. Certain paper.....	66,553	Dec. 10	131	1682
Graham Paper Co., St. Louis, Mo. Certain paper.....	66,554	Dec. 10	131	1682
Graham Paper Co., St. Louis, Mo. Certain paper.....	66,555	Dec. 10	131	1682
Graham Paper Co., St. Louis, Mo. Printing and writing papers.....	66,590	Dec. 17	131	1935
Graham Paper Co., St. Louis, Mo. Printing and writing papers.....	66,591	Dec. 17	131	1935
Graham Paper Co., St. Louis, Mo. Printing and writing papers.....	66,592	Dec. 17	131	1935
Grand Rapids Furniture Company, New York, N. Y. Certain furniture.....	60,837	Feb. 19	126	3038
Grand Union Tea Co., Brooklyn, N. Y. Baking-powder.....	62,220	Apr. 23	127	3211
Grand Union Tea Co., Brooklyn, N. Y. Coffees and teas.....	64,732	Aug. 20	129	3155
Grand Union Tea Co., Brooklyn, N. Y. Laundry starch.....	65,476	Oct. 8	130	1681
Grand Union Tea Co., Brooklyn, N. Y. Flavoring extracts.....	65,503	Oct. 8	130	1682
Grande, Ole, Velva, N. D. Certain medicines.....	65,230	Sept. 10	130	652
Grant Manufacturing and Machine Company, Bridgeport, Conn. Spark-plugs for gasoline-engines.....	59,403	Jan. 8	126	749
Grape Capsule Company, Allentown, Pa. Certain medicines.....	64,455	Aug. 6	129	2496
Grape Capsule Company, Allentown, Pa. Suppositories.....	64,456	Aug. 6	129	2496
Grape Capsule Company, Allentown, Pa. Certain medicines.....	64,457	Aug. 6	129	2496
Grape Capsule Company, Allentown, Pa. Certain medicines.....	64,458	Aug. 6	129	2496
Grape Capsule Company, Allentown, Pa. Certain medicines.....	64,459	Aug. 6	129	2496
Graton and Knight Manufacturing Company, Worcester, Mass. Leather belting.....	64,895	Aug. 27	129	3497
Graves & Meade Co., Dayton, Ohio. Trousers, vests, coats, and overcoats.....	66,620	Dec. 17	131	1936
Graves & Sons, C. H., Boston, Mass. Whisky.....	60,960	Feb. 26	126	3417
Gray Bros. & Co., Salt Lake City, Utah. Coats, pants, and vests.....	63,755	July 9	129	863
Gray & Dudley Hardware Co., Nashville, Tenn. Certain leather manufactures.....	59,608	Jan. 15	126	1055
Gray & Dudley Hardware Co., Nashville, Tenn. Certain cutlery.....	59,743	Jan. 15	126	1059
Gray & Dudley Hardware Co., Nashville, Tenn. Ice-cream freezers.....	59,824	Jan. 22	126	1347
Gray & Dudley Hardware Co., Nashville, Tenn. Certain hand-tools.....	59,980	Jan. 22	126	1351
Gray & Dudley Hardware Co., Nashville, Tenn. Certain cutlery and edge-tools.....	59,993	Jan. 22	126	1351
Gray & Dudley Hardware Co., Nashville, Tenn. Certain hand-tools.....	59,994	Jan. 22	126	1351
Gray & Dudley Hardware Co., Nashville, Tenn. Cooking and heating stoves.....	60,920	Feb. 26	126	3416
Gray, Edward E., Hinsdale, Ill. Medicine for horses or cattle.....	62,858	May 28	128	1683
Graziadei, Leonardo, New York, N. Y. Patent-leather-shoe polish.....	64,012	July 16	129	1264
Great Atlantic & Pacific Tea Company, New York, N. Y. Soaps in powdered and cake forms.....	62,778	May 28	128	1681
Great Atlantic & Pacific Tea Company, New York, N. Y. Condensed milk, evaporated milk, and butter.....	62,926	May 28	128	1685
Great Atlantic & Pacific Tea Company, New York, N. Y. Canned vegetables and spices.....	62,927	May 28	128	1685
Great Atlantic & Pacific Tea Company, New York, N. Y. Cocoa and chocolate.....	63,071	June 4	128	2080
Great Atlantic & Pacific Tea Company, New York, N. Y. Certain foods.....	63,309	June 11	128	2525
Great Bear Spring Co., Oswego and Albany, N. Y.; Philadelphia, Pa.; Jersey City, N. J., and Washington, D. C. Table-water.....	62,308	Apr. 30	127	3637
Great Western Manufacturing Company, La Porte, Ind. Bicycle crank-shafts, crank-hangers, sprockets, and bearings.....	60,326	Feb. 5	126	2183
Great Western Manufacturing Company, La Porte, Ind. Bicycle crank-hangers.....	62,152	Apr. 23	127	3209
Great Western Manufacturing Company, La Porte, Ind. Bicycles.....	65,261	Sept. 17	130	971
Great Western Oil Refining Company, Erie, Kans. Axle-grease.....	63,525	June 25	128	3282
Great Western Wine Co., Chicago, Ill. Wine.....	66,570	Dec. 10	131	1683
Great Western Wine Co., Chicago, Ill. Wine.....	66,571	Dec. 10	131	1683
Greco, Gaspare G., New Orleans, La. Macaroni.....	66,295	Nov. 19	131	937
Greef, Paul F. W., Viersen, Germany. Umbrellas.....	62,725	May 21	128	1287
Greek American Confectionery Co., New York, N. Y. Candy.....	66,388	Nov. 26	131	1156
Green, Frederick H., Muscatine, Iowa. Certain medicines.....	65,020	Sept. 3	130	294
Green, Lewis M., deceased; M. A. Lupton, M. F. Cattell, and P. S. Hartz, Woodbury, N. J., executors and trustees. Preparation for diseases of the throat and lungs.....	62,619	May 14	128	882
Green, Lewis M., deceased; M. A. Lupton, M. F. Cattell, and P. S. Hartz, Woodbury, N. J., executors and trustees. Preparation for the cure of dyspepsia.....	62,696	May 21	128	1286
Green River Distilling Company, Owensboro, Ky. Whisky.....	59,667	Jan. 15	126	1057
Green River Distilling Company, Owensboro, Ky. Whisky.....	59,668	Jan. 15	126	1057
Green River Distilling Company, Owensboro, Ky. Whisky.....	59,669	Jan. 15	126	1057
Greene & Company, Boston, Mass. Starch or size.....	62,245	Apr. 30	127	3635
Greene, David R., Chicago, Ill. Welsh-rabbit-seasoning compound.....	62,004	Apr. 16	127	2810
Greene, Ernest F., Silver Creek, N. Y. Salves.....	59,580	Jan. 8	126	754
Greene, Frederick R., Chicago, Ill. Remedy for all ailments originating in the stomach.....	61,027	Feb. 26	126	3419
Greenebaum Brothers, Philadelphia, Pa. Outer shirts.....	59,404	Jan. 8	126	749
Greenspon, Saul, Bluefield, W. Va. Tonic beverage.....	60,553	Feb. 12	126	2583
Greenwood Cotton Mill, Greenwood, S. C. Cotton sheetings and drillings.....	62,878	May 28	128	1683
Greenwood Medicine Co., Greenwood, Ark. Remedy for chills and fever and biliousness.....	64,260	July 30	129	2069
Greever-Lotspeich Manufacturing Company, Knoxville, Tenn. Flavoring extracts.....	60,478	Feb. 12	126	2581
Gregory, James F., St. Louis, Mo. Artificial bait for fish.....	65,998	Nov. 5	131	354
Greif & Bro., L., Baltimore, Md. Certain clothing.....	66,155	Nov. 12	131	686
Grendel Mills, Greenwood, S. C. Cotton piece goods.....	61,112	Mar. 5	127	387
Gresham & Carl, Philadelphia, Pa. Certain medicines.....	65,295	Sept. 17	130	972
Griffin & Skelley Co., San Francisco, Cal. Raisins.....	61,845	Apr. 9	127	2388
Griffin & Skelley Co., San Francisco, Cal. Raisins.....	61,857	Apr. 9	127	2388
Griffith, James E., Carroll, Iowa. Calf-weaners.....	59,048	Jan. 1	126	378
Griffon Company, New York, N. Y. Worsted, woolen, and cotton mixed piece goods.....	59,226	Jan. 1	126	382
Griffon Company, Philadelphia, Pa., and New York, N. Y. Certain yarn.....	65,243	Sept. 17	130	971
Griggs, Cooper & Company, St. Paul, Minn. Teas.....	59,102	Jan. 1	126	379
Griggs, Cooper & Company, St. Paul, Minn. Pickles and chow-chow.....	59,103	Jan. 1	126	379
Griggs, Cooper & Company, St. Paul, Minn. Olive-oil.....	59,133	Jan. 1	126	380
Griggs, Cooper & Company, St. Paul, Minn. Glazed fruits and crystallized ginger.....	59,194	Jan. 1	126	382
Griggs, Cooper & Company, St. Paul, Minn. Teas.....	59,195	Jan. 1	126	382
Griggs, Cooper & Company, St. Paul, Minn. Salad-dressing.....	59,309	Jan. 8	126	747
Griggs, Cooper & Company, St. Paul, Minn. Tapioca and sago.....	65,696	Oct. 15	130	2063

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Grombacher, Louis L. (See New Brunswick Chemical Co., assignor.)				
Gronseth & Olsen, Duluth, Minn. Wheat-flour	63,875	July 9	129	866
Gropper & Sons, M., New York, N. Y. Base-balls	60,024	Jan. 22	126	1352
Grossmith, John L., London, England. Perfumes	65,630	Oct. 15	130	2061
Grosvenor & Co., J. M., Boston, Mass. Surgical lubricants	59,540	Jan. 8	126	753
Groya, Herman, Chicago, Ill. Snuff	65,675	Oct. 15	130	2062
Grumbach, Theodore, Los Angeles, Cal. California wines	66,438	Nov. 26	131	1157
Grunauer, Bernard P., Cleveland, Ohio. Statements of credit ratings periodically issued	66,045	Nov. 5	131	355
Gude & Co., Alfred, Berlin, Germany. Hematogenic or blood-forming iron compounds	62,309	Apr. 30	127	3637
Guernsey, William J., Philadelphia, Pa. Predigested liquid food	64,569	Aug. 13	129	2853
Guest, Keen & Nettlefolds, Limited, Birmingham, England. Certain metal manufactures	60,716	Feb. 19	126	3035
Guét & Sénac, New Orleans, La. Whisky	62,174	Apr. 23	127	3210
Guggenheim Mfg. Co., Rochester, N. Y. Hair-dye	61,028	Feb. 26	126	3419
Guiterman Bros., St. Paul, Minn. Certain clothing	65,096	Sept. 10	130	649
Gulden, Charles, New York, N. Y. Prepared mustard	63,727	July 2	129	476
Gulfpport Grocery Co., Gulfpport, Miss. Cornmeal	65,050	Sept. 3	130	295
Gulfpport Grocery Co., Gulfpport, Miss. Cracked corn or corn-chops	65,907	Oct. 29	130	2714
Gulfpport Grocery Co., Gulfpport, Miss. Prepared stock food	65,908	Oct. 29	130	2714
Gum-Lax Manufacturing Company, Newark, N. J. Chewing-gum	65,398	Sept. 24	130	1304
Gunder, Samuel H., Richmond, Va. Tooth-powder	59,250	Jan. 1	126	383
Gunder, Samuel H., Richmond, Va. Tooth-powder	59,251	Jan. 1	126	383
Gunder, Samuel H., Richmond, Va. Tooth-powder	60,600	Feb. 12	126	2585
Gunder, Samuel H., Richmond, Va. Tooth-powder	63,548	June 25	128	3283
Gunder, Samuel H., Richmond, Va. Tooth-powder	63,549	June 25	128	3283
Gunderson, Arne, Green Bay, Wis. Leather boots and shoes	63,379	June 18	128	2830
Gundlach-Bundschu Wine Co., San Francisco, Cal. Wine	65,166	Sept. 10	130	651
Gurta, William H., Springfield, Mass. Remedies for rheumatism and diseases of the blood	64,875	Aug. 27	129	3496
Gustav A. Moeb's & Co., Detroit, Mich. Cigars	64,517	Aug. 13	129	2851
Gustav A. Moeb's & Co., Detroit, Mich. Cigars	64,518	Aug. 13	129	2852
Gustav A. Moeb's & Co., Detroit, Mich. Cigars	64,519	Aug. 13	129	2852
Gustav A. Moeb's & Co., Detroit, Mich. Cigars	64,520	Aug. 13	129	2852
Gustav A. Moeb's & Co., Detroit, Mich. Cigars	64,521	Aug. 13	129	2852
Gustav A. Moeb's & Co., Detroit, Mich. Cigars	65,755	Oct. 22	130	2366
Gustav A. Moeb's & Co., Detroit, Mich. Cigars	66,137	Nov. 12	131	686
Gustav A. Moeb's & Co., Detroit, Mich. Cigars	66,138	Nov. 12	131	686
Guthmann Carpenter & Telling, Chicago, Ill. Leather boots and shoes	61,113	Mar. 5	127	387
Guthmann Carpenter & Telling, Chicago, Ill. Leather boots and shoes	63,096	June 4	128	2081
Guy, Curran & Co., Washington, D. C. Knitted hosiery, knitted undershirts, and drawers	61,753	Apr. 2	127	1988
Guyer Hat Co., Boston, Mass. Felt hats	64,336	Aug. 6	129	2493
Guyer Hat Co., Boston, Mass. Felt hats	64,852	Aug. 27	129	3496
Guyon, Sidney C., New York, N. Y. Silk ribbon, silk piece goods, and silk linings	61,754	Apr. 2	127	1988
Gy-Zo-Chemical Co., Phoenix, Ariz. Ter., and Los Angeles, Cal. Salve, ointment, or poultice	59,811	Jan. 15	126	1061
Gyn-A-Septin Company. (See Pitts, Frank M., Jr., assignor.)				
H. Hackfeld & Co. Ltd., San Francisco, Cal. Coffees	64,065	July 23	129	1604
H. Mueller Manufacturing Company, Decatur, Ill. Valves, bath and basin cocks, and parts of same	60,378	Feb. 5	126	2184
H. Mueller Manufacturing Company, Decatur, Ill. Valves and cocks and parts thereof	62,076	Apr. 16	127	2812
H. Mueller Manufacturing Company, Decatur, Ill. Certain metal manufactures	63,999	July 16	129	1264
H. Mueller Manufacturing Company, Decatur, Ill. Valves and cocks for steam, water, and gas distribution	64,609	Aug. 13	129	2854
H. Mueller Manufacturing Company, Decatur, Ill. Valves and cocks for steam, water, and gas distribution	64,610	Aug. 13	129	2854
H. Mueller Manufacturing Company, Decatur, Ill. Valves and cocks for steam, water, and gas distribution	64,611	Aug. 13	129	2854
H. Mueller Manufacturing Company, Decatur, Ill. Regulating and balance valves	65,052	Sept. 3	130	295
H. Mueller Manufacturing Company, Decatur, Ill. Brass and iron pipe fittings	66,513	Dec. 10	131	1681
H. B. Clafin Company. (See Eames, Stewart W., assignor.)				
H. B. Clafin Company, New York, N. Y. Soap	60,897	Feb. 26	126	3416
H. B. Clafin Company, New York, N. Y. Antiseptics in the form of powders and lotions	63,932	July 16	129	1262
H. B. Clafin Company, New York, N. Y. Soaps	66,860	Dec. 31	131	2413
H. B. Ives Company, New Haven, Conn. Sash-fasteners	62,577	May 14	128	881
H. B. Wiggins's Sons Company, Bloomfield, N. J. Certain wall-coverings	63,908	July 16	129	1261
H. C. Cook Company, Ansonia, Conn. Finger-nail clippers	62,067	Apr. 16	127	2811
H. E. Bucklen & Company, Chicago, Ill. Remedies for certain diseases	63,072	June 4	128	2080
H. E. Bucklen & Company, Chicago, Ill. Medicinal preparations for certain diseases	63,444	June 18	128	2832
H. E. Bucklen & Company, Chicago, Ill. Salves	64,460	Aug. 6	129	2496
H. E. Bucklen & Company, Chicago, Ill. Certain medicine	66,839	Dec. 31	131	2412
H. F. Brammer Manufacturing Company, Davenport, Iowa. Washing-machines for laundry purposes	66,840	Dec. 31	131	2412
H. F. Hemingway & Co., Baltimore, Md. Canned fruits and vegetables	65,051	Sept. 3	130	295
H. F. Hemingway & Co., Baltimore, Md. Canned fruits and vegetables	65,697	Oct. 15	130	2063
H. F. Webb Company, Portland, Me. Canned corn, succotash, and beans	61,224	Mar. 12	127	841
H. F. Webb Company, Portland, Me. Canned sugar-corn	64,443	Aug. 6	129	2496
H. F. Webb Company, Portland, Me. Canned corn	64,570	Aug. 13	129	2853
H. F. Webb Company, Portland, Me. Canned succotash and canned lima beans	64,632	Aug. 13	129	2854
H. H. Franklin Mfg. Co., Syracuse, N. Y. Automobiles and parts thereof other than rubber tires	64,706	Aug. 20	129	3154
H. H. Hay's Sons, Portland, Me. Dressing for hard-wood floors	64,707	Aug. 20	129	3154
H. H. Symmes Co., Indianapolis, Ind. Certain masonry materials	65,441	Sept. 24	130	1305
H. J. Heinz Company, Allegheny, Pa. Certain food preparations	61,051	Mar. 5	127	385
H. J. Heinz Company, Allegheny, Pa. Certain food preparations	61,052	Mar. 5	127	385
H. J. Heinz Company, Allegheny, Pa. Certain food preparations	61,053	Mar. 5	127	385
H. J. Heinz Company, Allegheny, Pa. Certain food products	62,182	Apr. 23	127	3210
H. K. Mulford Company, Philadelphia, Pa. Concentrated food prepared from beef	59,310	Jan. 8	126	747
H. K. Mulford Company, Philadelphia, Pa. Preparation of bismuth	66,102	Nov. 12	131	685
H. L. Welch Hosiery Co., Waterville, Conn. Knitted underwear	63,380	June 18	128	2830
H. M. Sawyer & Son, Cambridge, Mass. Certain waterproof garments	60,898	Feb. 26	126	3416
H. M. Sawyer & Son, Cambridge, Mass. Certain waterproof garments	60,899	Feb. 26	126	3416
H. M. Sawyer & Son, Cambridge, Mass. Certain waterproof garments	60,900	Feb. 26	126	3416
H. M. Storms Co., New York, N. Y. Type-writer ribbons and carbon-papers	62,879	May 28	128	1683
H. M. Storms Co., New York, N. Y. Type-writer ribbons	63,046	June 4	128	2079
H. O. Canfield Company, Bridgeport, Conn. Certain rubber goods	66,621	Dec. 17	131	1936
H-O (Hornby's Oatmeal) Company, New York and Buffalo, N. Y. Cooked rolled oats	59,917	Jan. 22	126	1349
H-O (Hornby's Oatmeal) Company, New York and Buffalo, N. Y. Certain cereal foods	60,067	Jan. 29	126	1767
H-O (Hornby's Oatmeal) Company, New York and Buffalo, N. Y. Oats	60,479	Feb. 12	126	2582
H-O (Hornby's Oatmeal) Company, New York and Buffalo, N. Y. Oats	60,480	Feb. 12	126	2582
H-O (Hornby's Oatmeal) Company, New York and Buffalo, N. Y. Corn-flakes	63,464	June 18	128	2832

Alphabetical list of registrants of trade-marks—Continued.

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H. R. Hall Company, Chicago, Ill. Coffee.....	63,998	July 16	129	1264
H. W. Huguley, Boston, Mass. Whisky.....	60,961	Feb. 26	126	3417
H. W. Johns-Manville Company, New York, N. Y. Asbestos roofing.....	60,304	Feb. 5	126	2182
Haarmann de Laire Schaefer Co., Maywood, N. J. Aromatic synthetic liquid base for use in violet perfumes.....	66,217	Nov. 19	131	935
Haas-Lieber Grocery Co., St. Louis, Mo. Canned peaches, canned tomatoes, and flavoring extracts.....	64,385	Aug. 6	129	2494
Haas-Lieber Grocery Co., St. Louis, Mo. Baking-powder.....	64,461	Aug. 6	129	2496
Habirshaw, W. M., Yonkers, N. Y. Insulated wires, cables, and cords.....	64,166	July 30	129	2067
Haby, François, Berlin, Germany. Cream for shaving.....	63,272	June 11	128	2524
Haggard & Marcusson Co., Chicago, Ill. Bed-springs.....	66,409	Nov. 26	131	1156
Haggerty Co., J. S., Fairmont, W. Va. Stogies.....	61,325	Mar. 12	127	844
Hahn & Amberg, New York, N. Y. Hand-bags.....	65,771	Oct. 22	130	2366
Haislip & Haislip, Greenville, Tex. Eye-water.....	60,388	Feb. 5	126	2184
Hakka Chemical Company, Boston, Mass. Remedy for catarrh, hay-fever, and colds in the head.....	65,554	Oct. 8	130	1683
Haldenwang, Richard, Jr., Brooklyn, N. Y. Puzzle.....	66,662	Dec. 17	131	1937
Hale, Annie M., et al., executors. (See Draper, O. M.)				
Hale Bros. Inc., San Francisco, Cal. Muslin sheets.....	63,811	July 9	129	865
Hale Brothers, Sheffield, England. Certain cutlery and edge-tools.....	63,876	July 9	129	866
Hale, Edwin E., et al., executors. (See Draper, O. M.)				
Hale and Kilburn Manufacturing Company, Philadelphia, Pa. Chairs, beds, and car-seats.....	64,031	July 23	129	1603
Hale Publishing Co., St. Louis, Mo. Periodical.....	66,861	Dec. 31	131	2413
Hale Publishing Company, St. Louis, Mo. Magazines.....	65,318	Sept. 17	130	973
Haley-Laybourn Eye Infirmary, St. Louis, Mo. Eye remedies.....	59,744	Jan. 15	126	1059
Haley-Laybourn Eye Infirmary, St. Louis, Mo. Eye remedies.....	62,690	May 21	128	1286
Hall & Co., Jamestown, N. Y. Worsted dress goods and suitings.....	60,025	Jan. 22	126	1352
Hall & Cummings, St. Louis, Mo. Remedy for disorders of the stomach, liver, and blood.....	66,514	Dec. 10	131	1681
Hall, Eliza N., New York, N. Y. Caustic potash or lye.....	60,601	Feb. 12	126	2585
Hall, Eliza N., New York, N. Y. Caustic potash or lye.....	60,602	Feb. 12	126	2585
Hall, Eliza N., New York, N. Y. Caustic potash or lye.....	61,944	Apr. 9	127	2391
Hall, Emmett B., Salt Lake City, Utah. Flavoring for tonic mixtures.....	66,389	Nov. 26	131	1156
Hall, Hartwell & Co., Troy, N. Y. Collars and cuffs.....	59,104	Jan. 1	126	379
Hall-Heffernan Brush Co., North Adams, Mass. Vulcanized fiber for the manufacture of combs.....	66,708	Dec. 24	131	2140
Hall, Henry J. S., et al., executors. (See Hall, William H.)				
Hall, Martha M., et al., executors. (See Hall, William H.)				
Hall & Ruckel, New York, N. Y. Perfumery and cologne.....	60,603	Feb. 12	126	2585
Hall & Ruckel, New York, N. Y. Glue.....	60,604	Feb. 12	126	2585
Hall & Ruckel, New York, N. Y. Dentifrices in liquid, powder, and paste form.....	61,008	Feb. 26	126	3419
Hall & Ruckel, New York, N. Y. Remedy for certain diseases and injuries.....	61,029	Feb. 26	126	3419
Hall & Ruckel, New York, N. Y. Eye salve or ointment.....	61,030	Feb. 26	126	3419
Hall & Ruckel, New York, N. Y. Preparation for removing superfluous hair from the human body.....	61,193	Mar. 5	127	389
Hall & Ruckel, New York, N. Y. Antiseptic toilet soap.....	61,630	Apr. 2	127	1985
Hall, William H., deceased; H. J. S., W. H., and M. M. Hall and I. Hawley, New York, N. Y., executors. Dentifrices.....	65,631	Oct. 15	130	2061
Hall, Wm. H., et al., executors. (See Hall, William H.)				
Hall & Woods Co., Lima, Ohio. Winter-wheat flour.....	65,526	Oct. 8	130	1682
Hallauer & Sons, J. W., Webster, N. Y. Evaporated apples.....	60,655	Feb. 19	126	3033
Hallemann, William, Newark, N. J. Stove-polish.....	59,725	Jan. 15	126	1058
Haller, Saml. P., Pittsburg, Pa. Whisky.....	63,494	June 25	128	3281
Halloran, James R., New Britain, Conn. Sedative and laxative powders.....	60,792	Feb. 19	126	3037
Hamburger, Felix, New York, N. Y. Electric-arc lamps.....	61,418	Mar. 19	127	1249
Hammacher, Delius & Co., New York, N. Y. Knives, axes, hatchets, chisels, shears, and planes.....	59,028	Jan. 1	126	377
Hammacher, Delius & Co., New York, N. Y. Steel in bars, billets, and ingots.....	64,936	Aug. 27	129	3498
Hammel, Riglander & Co., New York, N. Y. Watch-hands, balance-staffs, watch-jewels.....	59,670	Jan. 15	126	1057
Hammel, Riglander & Co., New York, N. Y. Watchsprings.....	59,885	Jan. 22	126	1548
Hammel, Riglander & Co., New York, N. Y. Pivot-drills.....	60,026	Jan. 22	126	1352
Hammel, Riglander & Co., New York, N. Y. Gravers.....	60,027	Jan. 22	126	1352
Hammel, Riglander & Co., New York, N. Y. Pliers having cutting edges.....	60,524	Feb. 12	126	2583
Hammel, Riglander & Co., New York, N. Y. Watchsprings.....	62,310	Apr. 30	127	3637
Hammel, Riglander & Co., New York, N. Y. Pliers without cutting edges.....	62,997	June 4	128	2078
Hammel, Riglander & Co., New York, N. Y. Watch-glasses.....	66,021	Nov. 5	131	354
Hammer Portland Cement Works, Tournai, Belgium. Portland cement.....	65,650	Oct. 15	130	2062
Hammond, Benjamin, Fishkill Landing, N. Y. Insecticide for bugs and blight.....	60,413	Feb. 5	126	2185
Hammond, Ray B., Chicago, Ill. Liquid dressing or polish for black leather shoes.....	59,781	Jan. 15	126	1060
Hammond, Robert L., Woodsboro, Md. Remedy for certain named diseases.....	59,745	Jan. 15	126	1059
Hammond Standish & Co., Detroit, Mich. Lard.....	64,612	Aug. 13	129	2854
Hampten Mfg. Co., Baltimore, Md. Remedy for certain diseases.....	66,743	Dec. 24	131	2141
Hampten Watch Co., Canton, Ohio. Watch-movements.....	65,756	Oct. 22	130	2366
Hampshire Paper Company, South Hadley Falls, Mass. Certain named paper.....	59,475	Jan. 8	126	751
Hampshire Paper Company, South Hadley Falls, Mass. Certain named paper.....	59,476	Jan. 8	126	751
Hampshire Paper Company, South Hadley Falls, Mass. Certain named paper.....	59,477	Jan. 8	126	751
Hampton, Jabez M., Charlotte, N. C. Fresh peaches.....	62,038	Apr. 16	127	2811
Hana Zono Company, Chicago, Ill. Toilet powders, toilet waters, and perfumes.....	65,555	Oct. 8	130	1683
Hance Bros. & White, Philadelphia, Pa. Chocolate and cacao butter.....	63,955	July 16	129	1262
Hanchett Swage Works, Big Rapids, Mich. Certain named tools.....	59,352	Jan. 8	126	748
Hand Made Boot & Shoe Co., Chippewa Falls, Wis. Leather boots and shoes.....	62,940	May 28	128	1685
Handly, Thomas F., Allegheny, Pa. Chemical fire-extinguishers.....	64,916	Aug. 27	129	3497
Hanlon-Sharps Co., Wheeling, W. Va. Wrapping-paper.....	65,983	Nov. 5	131	353
Hanlon-Sharps Co., Wheeling, W. Va. Wrapping-paper.....	65,984	Nov. 5	131	353
Hannah & Hogg, Chicago, Ill. Blackberry and apricot cordials.....	66,577	Dec. 10	131	1683
Hannam & Co., Port Elizabeth, Cape Colony, South Africa. Canned salmon.....	61,828	Apr. 9	127	2387
Hansell, George, Philadelphia, Pa. Liquid medical compounds for stomach and bowel disorders.....	63,273	June 11	128	2524
Hanson, Francis S., London, England. Whisky.....	63,812	July 9	129	865
Hanson, George, Independence, Wis. Medical preparation for the treatment of diseases of infants and children.....	62,903	May 28	128	1684
Hanson & Van Winkle Co., Newark, N. J.; New York, N. Y., and Chicago, Ill. Metal-polishes.....	61,462	Mar. 19	127	1250
Happ Brothers Company, Macon, Ga. Overalls, pants, and denim jackets.....	66,515	Dec. 10	131	1681
Harbinson, Josiah, Sacramento, Cal. Whisky.....	59,478	Jan. 8	126	751
Harbutt, Wm., Bath, England. Modeling-paste.....	60,921	Feb. 26	126	3416
Hardie Seed Co., David, Dallas, Tex. Garden-seeds.....	61,971	Apr. 16	127	2809
Harding, Geo. L., Binghamton, N. Y. Food for young chickens, pigeons, and caged birds.....	60,068	Jan. 29	126	1767
Hardman, Peck & Company, New York, N. Y. Pianos.....	59,163	Jan. 1	126	381
Hardtmuth, L. & C., Vienna and Budweis, Austria-Hungary, and London, England. Artists' brushes.....	60,532	Feb. 12	126	2583
Hargadine-McKittrick Dry Goods Company, St. Louis, Mo. Certain knitted goods.....	59,442	Jan. 8	126	750
Hargadine-McKittrick Dry Goods Company, St. Louis, Mo. Fur garments.....	61,380	Mar. 19	127	1248
Hargadine-McKittrick Dry Goods Company, St. Louis, Mo. Certain clothing.....	61,381	Mar. 19	127	1248

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Hargadine-McKittrick Dry Goods Company, St. Louis, Mo. Textile collars, cuffs, and outer and dress shirts.	62,351	Apr. 30	127	3638
Hargadine-McKittrick Dry Goods Company, St. Louis, Mo. Certain textiles.	64,309	July 30	129	2071
Harger & Blish, Dubuque, Iowa. Needles for disk talking-machines.	65,122	Sept. 10	130	650
Hargreaves Bros. & Co. Limited, Kingston-upon-Hull, England. Laundry blue.	62,095	Apr. 16	127	2812
Harkness, Fannie, New York, N. Y. Salve for burns, frost-bites, and sores.	65,960	Nov. 5	131	353
Harmsworth, St. John, London, England. Mineral waters.	66,718	Dec. 24	131	2140
Harnisch, Fritz, Berlin, Germany. Certain toilet preparations.	62,205	Apr. 23	127	3211
Harnisch, Fritz, Berlin, Germany. Preparation for the treatment of finger-nails.	66,454	Nov. 26	131	1157
Harpham Bros. Co., Lincoln, Nebr. Harness, horse-collars, saddles, and whips.	66,231	Nov. 19	131	935
Harrell, Earle G., Camilla, Ga. Remedy for certain diseases.	61,406	Mar. 19	127	1249
Harrington & Richardson Arms Co., Worcester, Mass. Revolvers, pistols, rifles, and shotguns.	64,708	Aug. 20	129	3154
Harris, Abraham W., Providence, R. I. Lubricating-oils and lubricating compounds.	59,851	Jan. 22	126	1348
Harris & Bro., Robt., Reidsville, N. C. Smoking-tobacco and plug and twist chewing-tobacco.	60,305	Feb. 5	126	2182
Harris & Bro., Robt., Reidsville, N. C. Smoking-tobacco and plug and twist chewing-tobacco.	62,399	May 7	128	449
Harris & Bro., Robt., Reidsville, N. C. Plug-tobacco.	64,337	Aug. 6	129	2493
Harris & Bro., I. A., New York, N. Y. Rain-coats, coats, waists, and skirts.	65,559	Oct. 8	130	1683
Harris, Hattie E., Newark, N. J. Fruit-butter.	66,516	Dec. 10	131	1681
Harris, Henry H., Jacksboro, Tex. Remedy for rheumatism, neuralgia, and chills.	66,841	Dec. 31	131	2412
Harris-Polk Hat Co., St. Louis, Mo. Felt and straw hats.	62,691	May 21	128	1286
Harrison & Co., W. H., Cincinnati, Ohio. Coffee.	63,728	July 2	129	476
Hart Manufacturing Company, Cleveland, Ohio. Dies and die-stocks.	59,636	Jan. 15	126	1056
Hartford Rubber Works Company, Hartford, Conn., and New York, N. Y. Rubber wheel-tires.	63,495	June 25	128	3281
Hartford Rubber Works Company, Hartford, Conn., and New York, N. Y. Rubber wheel-tires.	66,622	Dec. 17	131	1936
Hartford Rubber Works Company, Hartford, Conn., and New York, N. Y. Rubber wheel-tires.	66,623	Dec. 17	131	1936
Hartford Rubber Works Company, Hartford, Conn., and New York, N. Y. Rubber wheel-tires.	66,624	Dec. 17	131	1936
Hartford Rubber Works Company, Hartford, Conn., and New York, N. Y. Rubber wheel-tires.	66,625	Dec. 17	131	1936
Hartford Rubber Works Company, Hartford, Conn., and New York, N. Y. Rubber wheel-tires.	66,626	Dec. 17	131	1936
Hartford Rubber Works Company, Hartford, Conn., and New York, N. Y. Rubber wheel-tires.	66,640	Dec. 17	131	1936
Hartford Rubber Works Company, Hartford, Conn., and New York, N. Y. Rubber wheel-tires.	66,641	Dec. 17	131	1936
Hartford Rubber Works Company, Hartford, Conn., and New York, N. Y. Rubber wheel-tires.	66,642	Dec. 17	131	1936
Hartford Rubber Works Company, Hartford, Conn., and New York, N. Y. Rubber wheel-tires.	66,643	Dec. 17	131	1936
Hartford Rubber Works Company, Hartford, Conn., and New York, N. Y. Rubber wheel-tires.	66,644	Dec. 17	131	1936
Hartford Suspension Company, New York, N. Y. Frictional suspension devices.	66,862	Dec. 31	131	2413
Hartig Becker Plow Co., Evansville, Ind. Plows, harrows, and cultivators.	62,153	Apr. 23	127	3209
Hartmann Trunk Company, Racine, Wis. Trunks.	61,419	Mar. 19	127	1249
Hartshorn, William N., assignor to Priscilla Publishing Co., Boston, Mass. Embroidery-patterns and stamped fabrics.	64,444	Aug. 6	129	2496
Hartwig, Dr. Theo., Grafton, Wis. Stomach-bitters.	65,737	Oct. 22	130	2365
Harvard Dental Manufacturing Company, Berlin, Germany. Cement for filling teeth.	59,443	Jan. 8	126	750
Harwood & Son, Geo. S., Boston, Mass. Certain machinery.	65,609	Oct. 8	130	1684
Haskins Bros. & Co., Sioux City, Iowa, and Omaha, Nebr. Pumice soap.	61,326	Mar. 12	127	844
Hassall, Isabelle H., Boston, Mass. Lace curtains.	60,554	Feb. 12	126	2583
Hasselbring, John, New York, N. Y. Certain silverware.	63,526	June 25	128	3282
Hassinger, Egon, Paris, France. Carbon-paper and certain chemical paper.	60,192	Jan. 29	126	1770
Hassler, Owen C., Chicago, Ill. Cleaning and polishing preparation for wood and metal.	60,150	Jan. 29	126	1769
Hassman, Anthon V., Elkhart, Ind. Artificial fuel.	60,679	Feb. 19	126	3034
Hassman, Anthon V., Elkhart, Ind. Liquid soap.	62,330	Apr. 30	127	3637
Hasson, John E., Bath, N. Y. Certain medicines.	65,632	Oct. 15	130	2061
Hathfield Motor Vehicle Company, Cortland, N. Y. Automobiles.	66,439	Nov. 26	131	1157
Hatton Chemical Company, Denver, Colo. Certain medicine.	65,556	Oct. 8	130	1683
Hausman Drug Company, Trinidad, Colo. Certain named medicine.	64,140	July 23	129	1606
Havemeyer Oil Company, New York, N. Y. Oils and greases for gas-engines and automobiles.	61,806	Apr. 9	127	2387
Havey & Darrow, Chicago, Ill. Weekly periodical.	60,935	Feb. 26	126	3417
Hawes Chemical Company, Louisville, Ky. Aromatic medicinal elixir.	66,744	Dec. 24	131	2141
Hawkeye Manufacturing Co., Des Moines, Iowa. Headache-tablets and cough remedies.	60,442	Feb. 5	126	2186
Hawkeye Portland Cement Co., Harvey, Iowa. Portland cement.	65,651	Oct. 15	130	2062
Hawkeye Wrench Company, Marshalltown, Iowa. Combined wrenches and thread cutters or trimmers.	59,134	Jan. 1	126	380
Hawley & Hoops, New York, N. Y. Candy, chocolates, and bonbons.	61,348	Mar. 19	127	1247
Hawley & Hoops, New York, N. Y. Candy, chocolates, and bonbons.	61,349	Mar. 19	127	1247
Hawley, Irad, <i>et al.</i> , executors. (See Hall, William H.)				
Haws, George A., New York, N. Y. Machinery-oil.	63,813	July 9	129	865
Haydenville Company, Haydenville, Mass. Valves, cocks, and faucets.	64,784	Aug. 20	129	3156
Haynes, Sparrell & Co., Boston, Mass. Leather boots and shoes.	66,877	Dec. 31	131	2413
Hayter, John P., Decatur, Tex. Remedy for piles.	63,814	July 9	129	865
Hazard Powder Company, Hazardville, Conn. Gunpowder.	64,359	Aug. 6	129	2494
Hazard Powder Company, Hazardville, Conn. Gunpowder.	64,360	Aug. 6	129	2494
Hazard Powder Company, Hazardville, Conn. Certain gunpowders.	64,361	Aug. 6	129	2494
Hazlett, Howard, administrator. (See Pollack, Augustus.)				
Healalets Chemical Co., New York, N. Y. Face-lotions.	61,253	Mar. 12	127	842
Health-Ray Lens Company, Topeka, Kans. Spectacle and eyeglass lenses.	64,662	Aug. 20	129	3153
Hearst, W. R., New York, N. Y. Newspaper.	64,522	Aug. 13	129	2852
Hearst, W. R., New York, N. Y. Newspaper.	64,785	Aug. 20	129	3156
Hearst, William R., New York, N. Y. Magazine.	65,924	Oct. 29	130	2715
Hearst, William R., New York, N. Y. Newspaper.	66,074	Nov. 5	131	356
Hearst, William R., New York, N. Y. Newspaper.	66,075	Nov. 5	131	356
Hearst, William R., New York, N. Y. Newspaper.	66,076	Nov. 5	131	356
Hearst, William R., New York, N. Y. Newspaper.	66,077	Nov. 5	131	356
Hearst, William R., New York, N. Y. Newspaper.	66,078	Nov. 5	131	356
Hearst, William R., New York, N. Y. Newspaper.	66,079	Nov. 5	131	356
Hearst, William R., New York, N. Y. Newspaper.	66,080	Nov. 5	131	356
Hearst, William R., New York, N. Y. Newspaper.	66,081	Nov. 5	131	356
Hearst, William R., New York, N. Y. Newspaper.	66,090	Nov. 5	131	356
Hearst, William R., New York, N. Y. Newspaper.	66,156	Nov. 12	131	686
Hearst, William R., New York, N. Y. Newspaper.	66,157	Nov. 12	131	686
Heck, Frederick W., Detroit, Mich. Disinfectant, antiseptic, and deodorizing powder.	64,853	Aug. 27	129	3496
Hedworth Barium Co., Ltd., Newcastle-upon-Tyne, England. Certain chemicals.	64,633	Aug. 13	129	2854
Heffernan, Edward, Lynn, Mass. Remedy for colds and throat and lung trouble.	61,773	Apr. 2	127	1989
Heffernan, Edward, Lynn, Mass. Cocktails.	66,422	Nov. 26	131	1157
Heide, Henry, New York, N. Y. Candies.	62,246	Apr. 30	127	3635
Heidelberg, Wolf & Co., New York, N. Y. Certain clothing.	61,600	Mar. 26	127	1574
Hein, Fanny, New York, N. Y. Catamenial sacks and absorbent materials for the same.	59,405	Jan. 8	126	749
Heineman Bros., Baltimore, Md. Cigars.	63,933	July 16	129	1262
Heinrich Mattoni Atkiengesellschaft, Carlsbad, Austria-Hungary, and New York, N. Y. Mineral water.	62,692	May 21	128	1286

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Heintz Bros., Buffalo, N. Y. Finger-rings.....	62,780	May 28	128	1681
Helena Stove and Range Co., Louisville, Ky. Stoves and ranges.....	66,663	Dec. 17	131	1937
Helf & Hager Co., New York, N. Y. Sheet-music.....	62,941	May 28	128	1685
Helf & Hager Co., New York, N. Y. Sheet-music.....	63,097	June 4	128	2081
Heller & Co., B., Chicago, Ill. Cereal flour for binding and blending sausage-meat.....	63,098	June 4	128	2081
Heller & Co., B., Chicago, Ill. Meat-preservative.....	63,274	June 11	128	2524
Heller & Merz Co., Newark, N. J. Ball-blue.....	60,752	Feb. 19	126	3036
Heller & Merz Co., Newark, N. J. Anilin colors and blue.....	63,642	July 2	129	474
Helmer, William F., Burlington, Iowa. Soap.....	60,656	Feb. 19	126	3033
Helm, Jefferson D., Greensboro, N. C. External remedy for certain diseases.....	61,031	Feb. 26	126	3419
Henderson, Stutley I., West Allis, Wis. Medicinal paste.....	62,617	May 14	128	882
Henkelman, Frederick, Baltimore, Md. Ointment.....	60,627	Feb. 12	126	2585
Hennefer Maschinenfabrik C. Reuther & Reiser M. B. H., Hennef, Germany. Certain weighing apparatus.....	65,296	Sept. 17	130	972
Hennessy Mercantile Co., Butte, Mont. Leather shoes.....	64,786	Aug. 20	129	3156
Henrietta Mills, Henrietta and Caroleen, N. C. Cotton sheetings, shirts, and drills.....	63,171	June 11	128	2522
Henry & Allen, Auburn, N. Y. Certain parts of agricultural machinery.....	62,197	Apr. 23	127	3211
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	60,357	Feb. 5	126	2184
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws.....	60,358	Feb. 5	126	2184
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Files and rasps.....	61,499	Mar. 26	127	1572
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Files and rasps.....	61,703	Apr. 2	127	1987
Henry Disston & Sons, Incorporated, Philadelphia, Pa. Saws and saw-blades.....	62,638	May 21	128	1285
Henry E. Frankenberg Company, New York, N. Y. Certain named textile fabrics.....	59,995	Jan. 22	126	1351
Henry E. Frankenberg Company, New York, N. Y. Certain named textile fabrics.....	59,996	Jan. 22	126	1351
Henry E. Frankenberg Company, New York, N. Y. Certain named textile fabrics.....	59,997	Jan. 22	126	1351
Henry E. Frankenberg Company, New York, N. Y. Certain named textile fabrics.....	59,998	Jan. 22	126	1352
Henry E. Frankenberg Company, New York, N. Y. Certain fancy goods, furnishings, and notions.....	65,297	Sept. 17	130	972
Henry E. Frankenberg Company, New York, N. Y. Certain fancy goods, furnishings, and notions.....	65,298	Sept. 17	130	972
Henry Lang Company, Newark, N. J. Patent calf-leather.....	60,753	Feb. 19	126	3036
Henry M. Rubel Company, Cincinnati, Ohio. Whisky.....	61,895	Apr. 9	127	2389
Henry M. Rubel Company, Cincinnati, Ohio. Whisky.....	61,896	Apr. 9	127	2389
Henry Milward & Sons, Limited, Redditch, England. Needles for hand-sewing.....	59,479	Jan. 8	126	751
Henry Tate & Sons, Limited, London, England. Refined sugars of all description.....	62,267	Apr. 30	127	3635
Henry Thode Co., Davenport, Iowa. Whisky.....	66,423	Nov. 26	131	1157
Heppe & Son, C. J., Philadelphia, Pa. Pianos, mandolins, guitars, banjos, and violins.....	60,234	Jan. 29	126	1771
Heppe & Son, C. J., Philadelphia, Pa. Pianos, mandolins, guitars, banjos, and violins.....	60,235	Jan. 29	126	1772
Heppe & Son, C. J., Philadelphia, Pa. Pianos, mandolins, guitars, banjos, and violins.....	62,110	Apr. 16	127	2812
Herbein, George W., Seattle, Wash. Artificial fuel.....	61,858	Apr. 9	127	2388
Hercer, Anton, Spring Valley, Ill. Remedy for heaves.....	60,193	Jan. 29	126	1770
Hercules Buggy Co., Evansville, Ind. Buggies, wagons, and carriages.....	65,610	Oct. 8	130	1684
Herf & Wilding, San Antonio, Tex. Medicinal tonic for anemic conditions.....	65,557	Oct. 8	130	1683
Herkenhoff, Anthony L., Minster, Ohio. Power-distributing pulleys.....	64,709	Aug. 20	129	3154
Herman, Kienzler Company, New York, N. Y. Olive-oil.....	65,698	Oct. 15	130	2063
Hermann, John J., Zanesville, Ohio. Whisky.....	66,745	Dec. 24	131	2141
Herrick Complete Combustion Company, New York, N. Y. Devices for promoting combustion.....	60,936	Feb. 26	126	3417
Herring, George E., Chicago, Ill. Certain imitation silverware.....	59,353	Jan. 8	126	748
Herriott Bros. & Co., St. Louis, Mo. Boot and shoe blacking.....	64,087	July 23	129	1604
Herriott Bros. & Co., St. Louis, Mo. Boot and shoe blacking.....	64,088	July 23	129	1604
Herrmann & Co., Morris, New York, N. Y. Paris-green.....	66,556	Dec. 10	131	1682
Herrmann & Co., Morris, New York, N. Y. Paris-green.....	66,557	Dec. 10	131	1682
Herrmann & Co., Morris, New York, N. Y. Paris-green.....	66,719	Dec. 24	131	2140
Hersey Manufacturing Company, Portland, Me. Sugar-granulators, cube-machines, driers, pumps, and presses.....	65,724	Oct. 22	130	2365
Hershey Rice Manufacturing Company, Columbus, Ohio. Coats, trousers, and dress and negligee shirts.....	63,381	June 18	128	2830
Hersom, Thos., New Bedford, Mass. Granulated soap.....	60,256	Feb. 5	126	2181
Hertz, New York, N. Y. Certain clothing.....	65,097	Sept. 10	130	649
Herz, Henry, Brooklyn, N. Y. Laces.....	64,194	July 30	129	2068
Hess Bros., Inc., New York, N. Y. Candy and chocolates.....	66,682	Dec. 24	131	2139
Hess & Clark, Dr., Ashland, Ohio. Medicated stock foods.....	62,206	Apr. 23	127	3211
Hess & Clark, Dr., Ashland, Ohio. Medicated stock foods.....	62,207	Apr. 23	127	3211
Hess & Clark, Dr., Ashland, Ohio. Medicated stock foods.....	62,311	Apr. 30	127	3637
Hess, Elmer E., Brook, Ind. Witch-hazel cream.....	65,961	Nov. 5	131	353
Hessenbruch, Hermann, Philadelphia, Pa. Pruning-shears, pruning-knives, hedge-shears, grass-hooks, and scythes.....	60,100	Jan. 29	126	1768
Hetherington, Thomas, Philadelphia, Pa. Insecticide.....	61,704	Apr. 2	127	1987
Hetherington, Thomas, Philadelphia, Pa. Substitute for tobacco.....	65,299	Sept. 17	130	972
Hetherington, Thomas, Philadelphia, Pa. Toilet preparation for the mustache or hair.....	66,267	Nov. 19	131	936
Hetherington, Thomas, Philadelphia, Pa. Perfumes.....	66,268	Nov. 19	131	936
Hetsel, Eva M., Scranton, Pa. Toilet rouge.....	61,945	Apr. 9	127	2391
Hewes & Potter, Boston and Malden, Mass. Garters.....	59,227	Jan. 1	126	382
Hewitt Bros. Soap Company, Dayton, Ohio. Toilet and laundry soap.....	64,089	July 23	129	1604
Hewitt Rubber Company, Buffalo, N. Y. Air-brake hose.....	63,231	June 11	128	2523
Hewlett Bros. Co., Salt Lake City, Utah. Coffees.....	66,469	Dec. 3	131	1417
Heymann, William, New York, N. Y. Collars made from celluloid and other similar compositions.....	62,809	May 28	128	1682
Heynemann & Co., San Francisco, Cal. Negligee shirts and workmen's overshirts.....	60,555	Feb. 12	126	2583
Heyser, William, Baltimore, Md. Wood buckets or pails.....	64,937	Aug. 27	129	3498
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Augers, auger-bits, and gimlet-bits.....	60,344	Feb. 5	126	2183
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Varnishes, enamels, rough-stuffs, paint-oil, and pigments used for paint.....	61,333	Mar. 19	127	1247
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Varnishes, enamels, rough-stuffs, paint-oil, and pigments used for paint.....	61,334	Mar. 19	127	1247
Hibbard, Spencer, Bartlett & Company, Chicago, Ill. Certain metal manufactures.....	61,511	Mar. 26	127	1572
Hibben, Hollweg & Co., Indianapolis, Ind. Hosiery.....	59,981	Jan. 22	126	1351
Hibben, Hollweg & Co., Indianapolis, Ind. Hosiery.....	59,982	Jan. 22	126	1351
Higginsville Milling Co., Higginsville, Mo. Wheat-flour.....	65,872	Sept. 24	130	1303
Higginsville Milling Company, Higginsville, Mo. Wheat-flour.....	59,872	Jan. 22	126	1348
Higginsville Milling Company, Higginsville, Mo. Wheat-flour.....	59,873	Jan. 22	126	1348
Higginsville Milling Company, Higginsville, Mo. Wheat-flour.....	59,874	Jan. 22	126	1348
Hilaire et Cie., Paris, France. Certain medicinal products.....	60,994	Feb. 26	126	3418
Hilker, Herman, New York, N. Y. Cloth for type-writer ribbons.....	61,009	Feb. 26	126	3419
Hill Manufacturing Company, Lewiston, Me. Woven cotton piece goods.....	62,537	May 14	128	880
Hill Manufacturing Company, Lewiston, Me. Woven cotton piece goods.....	65,592	Oct. 8	130	1684
Hill, Nathaniel P., Pittsburg, Pa. Stiff felt hats.....	65,593	Oct. 8	130	1684
Hills Bros., San Francisco, Cal. Spices and flavoring extracts.....	62,068	Apr. 16	127	2811
Hills Bros., San Francisco, Cal. Spices and flavoring extracts.....	62,884	May 28	128	1684

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
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Hills Bros., San Francisco, Cal. Tea	62,885	May 28	128	1684
Hills Bros., San Francisco, Cal. Baking-powder and bicarbonate of soda	62,998	June 4	128	2078
Hills Bros., San Francisco, Cal. Coffee	64,285	July 30	129	2070
Hills Bros., San Francisco, Cal. Coffee	64,551	Aug. 13	129	2852
Hills, William, Jr., New York, N. Y. Figs	66,797	Dec. 31	131	2411
Himmelbauer & Co., Ant., Mährisch-Ostrau and Vienna, Austria-Hungary. Ceresin and ozocerite	64,422	Aug. 6	129	2495
Hinckel Brewery Company, Albany, N. Y. Lager-beer and porter	64,423	Aug. 6	129	2495
Hinckley & Schmitt, Inc., Chicago, Ill. Mineral water	61,127	Mar. 5	127	387
Hincks, John W., New Orleans, La. Certain medicine	64,854	Aug. 27	129	3496
Hine, James W., Jamestown, N. Y. Mineral cell and tissue building salts	62,111	Apr. 16	127	2812
Hinkle, V. N., Decatur, Ill. Wheat-flour	64,571	Aug. 13	129	2853
Hirschberg, Sidney G., New York, N. Y. Hats and caps	61,407	Mar. 19	127	1249
Hirschman & Co., A., St. Paul, Minn. Whisky	66,798	Dec. 31	131	2411
Hitt, Daniel C., Indianapolis, Ind. Cigars	61,335	Mar. 19	127	1247
Hively, George T., Springfield, Mo. Medicines for coughs, colds, and la grippe	59,560	Jan. 8	126	754
Hoar, John J., Dubuque, Iowa. Pile cure	62,693	May 21	128	1286
Hobby, Arthur M., Brooklyn, N. Y. Cold-cream	63,445	June 18	128	2832
Hockaday Paint Company, Wichita, Kans. Paint, enamel, and varnish	65,885	Oct. 29	130	2714
Hockaday Paint Company, Wichita, Kans. Varnish, varnish-stain, and paint	65,886	Oct. 29	130	2714
Hockaday Paint Company, Wichita, Kans. Certain paint, varnish, and enamel	66,553	Dec. 10	131	1682
Hodge, William B., Glenside, Pa. Cleansing compound	60,069	Jan. 29	126	1767
Hodgman Rubber Company, New York, N. Y. Rubber water-bottles, cushions, and ice-caps	59,480	Jan. 8	126	751
Hoffheimer Bro's. Co., Cincinnati, Ohio. Whisky	64,013	July 16	129	1264
Hoffman, Daniel H., New Orleans, La. Roasted and ground coffee	63,707	July 2	129	476
Hoffman, George W., Indianapolis, Ind. Compound for polishing metals and other hard materials	64,090	July 23	129	1604
Hoffmann, August, Milwaukee, Wis. Pumpernickel bread	64,113	July 23	129	1605
Hoffmann-La Roche & Co., F., Basel, Switzerland. Diuretic	59,581	Jan. 8	126	754
Hogan, Percy F., New York, N. Y. Steel	63,496	June 25	128	3281
Hoggson & Pettis Manufacturing Company, New Haven, Conn. Lathe-chucks	59,327	Jan. 8	126	747
Hoggson & Pettis Manufacturing Company, New Haven, Conn. Copying-baths and copying-cloths	61,240	Mar. 12	127	841
Hogshead, Harry, Staunton, Va. Ointments	65,738	Oct. 22	130	2365
Hogue, Albert F., Lowell, Mass. Laundry starch	65,633	Oct. 15	130	2061
Hohlfeld, Herman L., Philadelphia, Pa. Hammocks	66,139	Nov. 12	131	686
Hohmann & Maurer Mfg. Co., Rochester, N. Y. Thermometers, barometers, mercury-gages, spring-gages, and hydrometers	61,159	Mar. 5	127	388
Hohner, Firm of M., New York, N. Y. Mouth-harmonicas	59,700	Jan. 15	126	1058
Holbrook Grocery Co., Keene, Woodsville, and Nashua, N. H., and St. Johnsbury, Vt. Certain foods	63,934	July 16	129	1262
Holbrook Grocery Co., Keene, Woodsville, and Nashua, N. H. Certain canned goods	66,683	Dec. 24	131	2139
Holbrook Grocery Co., Keene, Woodsville, and Nashua, N. H. Certain sea foods	66,684	Dec. 24	131	2139
Holden Drug Co., Stockton, Cal. Perfumes	62,982	June 4	128	2078
Holden Drug Co., Stockton, Cal. Liniments	62,983	June 4	128	2078
Holden, Ezra W., New Orleans, La. Soaps	65,373	Sept. 24	130	1303
Holland Medicine Company, Washington, D. C., and Philadelphia, Pa. Remedies for certain named diseases	60,838	Feb. 19	126	3038
Holland Shoe Company, Holland, Mich. Leather boots and shoes	65,319	Sept. 17	130	973
Hollenbach, Dietrich & Co., Reading, Pa. Whisky	66,103	Nov. 12	131	685
Holley & Co., S. C., Danbury, Conn. Stiff fur hats	59,671	Jan. 15	126	1057
Hollingshead, Richard M., Camden, N. J. Soap	61,774	Apr. 2	127	1989
Hollingsworth & Co., Augusta, Ga. Canned tomatoes	66,173	Nov. 12	131	687
Hollins Sons & Co., Nashville, Tenn. Leather boots and shoes	63,729	July 2	129	476
Hollins Sons & Co., Nashville, Tenn. Ladies' and misses' leather boots, shoes, and slippers	63,730	July 2	129	476
Hollywood Company, New York, N. Y. Whisky	61,294	Mar. 12	127	843
Hollywood Soap Company, Cincinnati, Ohio. Washing-powder	62,069	Apr. 16	127	2811
Holmes and Barnes, Limited, Baton Rouge, La. Wheat-flour	66,410	Nov. 26	131	1156
Holmes, Edw. L., assignor to Ferrolite Company, San Francisco, Cal. Certain concrete articles	62,859	May 28	128	1683
Holmes Keeler & Selleck Co., Norwalk, Conn. Canned vegetables and fruit	66,174	Nov. 12	131	687
Holmes Keeler & Selleck Co., Norwalk, Conn. Canned vegetables and fruit	66,175	Nov. 12	131	687
Holmes Silk Company. (See Leeburger & Hesselein, assignors.)				
Holyoke Valve and Hydrant Company, Holyoke, Mass. Valve-nozzles for hydrants	60,962	Feb. 26	126	3417
Holzappel's Compositions Company, Limited, Newcastle-upon-Tyne, England. Anticorrosive and antifouling paint, mixed paint, and enamels	61,631	Apr. 2	127	1985
Holzappel's Compositions Company, Limited, Newcastle-on-Tyne, England. Aluminium paint	62,781	May 28	128	1681
Home Fertilizer & Chemical Company of Baltimore City, Baltimore, Md. Fertilizers	61,114	Mar. 5	127	387
Home Game Company, Chicago, Ill. Playing-cards	59,701	Jan. 15	126	1058
Home Hosiery Co., Philadelphia, Pa. Hosiery	64,787	Aug. 20	129	3156
Home Laboratories, Mankato, Minn. Certain chemical compound	65,739	Oct. 22	130	2365
Home Silk Mills, New York, N. Y. Silk piece goods	61,363	Mar. 19	127	1247
Homestead Valve Manufacturing Company, Homestead, Pa. Valves	66,824	Dec. 31	131	2412
Ifons, Alfred, Berwick, Pa. Toilet and laundry soap	66,709	Dec. 24	131	2140
Hood Rubber Co., Boston, Mass. Rubber boots and shoes	59,196	Jan. 1	126	382
Hood Rubber Co., Boston, Mass. Rubber boots and shoes	60,194	Jan. 29	126	1770
Hood Rubber Co., Boston, Mass. Rubber boots and shoes	60,481	Feb. 12	126	2582
Hood Rubber Company, East Watertown and Boston, Mass. Rubber boots and shoes	62,999	June 4	128	2078
Hooker Corser & Mitchell Company, Brattleboro, Vt. Overalls and jumpers	63,232	June 11	128	2523
Hooper, Frank B., Baltimore, Md. Petroleum-oils	60,306	Feb. 5	126	2182
Hoopeston Horse Nail Co., Hoopeston, Ill. Horseshoe-nails	59,938	Jan. 22	126	1350
Hoosier Mfg. Co., Newcastle, Ind. Kitchen-cabinets	66,022	Nov. 5	131	354
Hoosier Stove Co., Marion, Ind. Stoves, ranges, and heaters	65,594	Oct. 8	130	1684
Hoover, J. H., Ossian, Ind. Healing-oil	60,443	Feb. 5	126	2186
Hoppe, Frank A., Philadelphia, Pa. Liquid chemical composition	63,643	July 2	129	474
Hoppe, P., Schiedam, Netherlands. Gin	63,172	June 11	128	2522
Hoppe, P., Schiedam, Netherlands. Gin	63,173	June 11	128	2522
Horn, Charles W., Slatington, Pa. Certain medicines	65,558	Oct. 8	130	1683
Horn, Joseph, McKeesport, Pa. Salve	59,197	Jan. 1	126	382
Horowitz, Arthur, Berlin, Germany. Antiseptics	61,705	Apr. 2	127	1987
Horowitz, Arthur, Berlin, Germany. Prepared foods for infants and invalids	62,694	May 21	128	1286
Horse Whip Co., Westfield, Mass. Whips	63,233	June 11	128	2523
Horsman, Edmund, Devils Lake, N. D. Certain medicines	65,374	Sept. 24	130	1303
Horton, Garland D., Singer, La. Remedy for certain named diseases	60,389	Feb. 5	126	2184
Horton Manufacturing Company, Fort Wayne, Ind. Hand-operated washing-machines	59,959	Jan. 22	126	1350
Horton, Raymond M., Attleboro, Mass. Certain jewelry	62,175	Apr. 23	127	3210
Hortz, Philip S., et al., executors and trustees. (See Green, Lewis M.)				
Hoshaw, Ulysses G., Chanute, Kans. Certain proprietary medicine	62,040	Apr. 16	127	2811
Hosterman, Arthur D., Springfield, Ohio. Monthly magazine	61,420	Mar. 19	127	1249
Hostetter Company, Pittsburg, Pa. Stomach-bitters	62,618	May 14	128	882

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Hottenstein, H. Kauffman, Philadelphia, Pa. Tablets for washing and cleansing purposes.....	59,852	Jan. 22	126	1348
Houchens Medicine Co., Baltimore, Md. Certain medicines.....	62,810	May 28	128	1682
Houdaille et Triquet, Choisy-le-Roi, France. Glass shades, globes, and chimneys.....	62,591	May 14	128	881
Houghton & Co., E. F., Philadelphia, Pa. Leather belting, leather packing, and leather washers.....	60,767	Feb. 19	126	3036
Houghton & Co., E. F., Philadelphia, Pa. Certain leather manufactures.....	60,923	Feb. 26	126	3416
Houppert & Worcester, Birmingham, Ala. Carbonated beverage.....	63,033	June 4	128	2079
House Medicine Co., J. A., Paris, Tex. Remedies for diseases peculiar to infants and teething children.....	59,252	Jan. 1	126	383
House & Son, Jacob, Buffalo, N. Y. Ginger-ale.....	66,296	Nov. 19	131	937
House & Sons, Chas. W., New York, N. Y. Felts in the piece.....	66,664	Dec. 17	131	1937
Houston Ice & Brewing Co., Houston, Tex. Non-intoxicating tonic malt liquor.....	66,665	Dec. 17	131	1937
Howard, Henry J. M., Washington, D. C. Woven hose.....	64,167	July 30	129	2067
Howard, Henry J. M., Washington, D. C. Fire-hose.....	64,168	July 30	129	2067
Howard, Henry J. M., Washington, D. C. Fire-hose.....	64,338	Aug. 6	129	2493
Howard, Henry J. M., Washington, D. C. Fire-hose.....	64,386	Aug. 6	129	2494
Howard, Henry J. M., Washington, D. C. Canvas hose.....	66,232	Nov. 19	131	935
Howard Manufacturing Co., Boston, Mass. Cotton yarn.....	64,243	July 30	129	2069
Howard W. Middleton Company, Philadelphia, Pa. Certain partly-wrought metals.....	64,955	Aug. 27	129	3498
Howards & Sons, Limited, Stratford, England. Certain chemicals.....	63,980	July 16	129	1263
Howarth, John H., New Haven, Conn. Remedy for rheumatism and gout.....	66,645	Dec. 17	131	1936
Howe & David, Findlay, Ohio. Coal.....	63,234	June 11	128	2523
Howe & French, Boston, Mass. Certain paints and painters' materials.....	60,680	Feb. 19	126	3034
Howell & Co., Charles H., Philadelphia, Pa. Certain paints and painters' materials.....	65,198	Sept. 10	130	651
Howland-Shearman Engineering Co., Anderson, Ind. Piston, rod, and joint packing.....	63,935	July 16	129	1262
Howland-Shearman Engineering Co., Anderson, Ind. Piston, rod, and joint packing.....	63,936	July 16	129	1262
Hoyt, Arthur S., New York, N. Y. Paste.....	59,609	Jan. 15	126	1055
Hoyt, Joseph M., Danvers, Mass. School, artists', and lumber crayons.....	60,195	Jan. 29	126	1770
Hoyt, Rowe & Co., Lynn, Mass. Leather boots and shoes.....	59,702	Jan. 15	126	1058
Hubbard, Elbert, East Aurora, N. Y. Monthly magazines.....	59,610	Jan. 15	126	1055
Hubbard, Elbert, East Aurora, N. Y. Certain furniture and upholstery.....	60,196	Jan. 29	126	1770
Hübel & Co., John J., New York, N. Y. Certain medicine.....	63,644	July 2	129	474
Huckins, Temple & Wood, Milford, Mass. Men's leather boots and shoes.....	61,972	Apr. 16	127	2809
Hudgens, Sula, New York, N. Y. Detergent compound for making a silver-cleaning solution.....	63,624	July 2	129	473
Hudson, George I., Ipswich, Queensland, Australia. Medicated lozenges.....	65,021	Sept. 3	130	294
Huegely Milling Company, Nashville, Ill. Wheat-flour.....	59,746	Jan. 15	126	1059
Huegely Milling Company, Nashville, Ill. Wheat-flour.....	59,747	Jan. 15	126	1059
Huegely Milling Company, Nashville, Ill. Wheat-flour.....	62,183	Apr. 23	127	3210
Huet and E. Ligier, L., Paris, France. Key-rings and key-chains.....	61,881	Apr. 9	127	2389
Huet and E. Ligier, L., Paris, France. Key-rings and key-chains.....	61,882	Apr. 9	127	2389
Huet & E. Ligier, L., Paris, France. Polished-steel buttons.....	61,897	Apr. 9	127	2389
Huet & E. Ligier, L., Paris, France. Buttons.....	61,898	Apr. 9	127	2389
Hughel, Clarence, Indianapolis, Ind. Hair-tonics and dandruff cures.....	61,775	Apr. 2	127	1989
Hughes, Enos J., Chicago, Ill. Remedy for stomach and bowel affections.....	61,446	Mar. 19	127	1250
Hugo Litz Company, New York, N. Y. Remedy for dyspepsia and intestinal disorders.....	65,564	Oct. 8	130	1683
Hulman & Co., Terre Haute, Ind. Cigars.....	59,481	Jan. 8	126	751
Humphreys Homeopathic Medicine Co., New York, N. Y. Certain medicines.....	61,160	Mar. 5	127	388
Hungarian Milling & Elevator Co., Denver, Colo. Wheat-flour.....	59,582	Jan. 8	126	754
Hunstock, Robert H., St. Louis, Mo. Remedy for headache and neuralgia.....	62,886	May 28	128	1684
Hunt & Co., F. W., Boston, Mass. Whisky.....	59,084	Jan. 1	126	379
Hunter Milling Co., Wellington, Kans. Wheat-flour.....	64,310	July 30	129	2071
Huntington & Son, Hugh, Cleveland, Ohio. Composite sheet-roofing.....	59,748	Jan. 15	126	1059
Huntton Spring Water Company, New York, N. Y. Carbonated or mineral waters.....	63,676	July 2	129	475
Huntton Spring Water Company, New York, N. Y. Natural spring-waters.....	63,708	July 2	129	476
Huntton Spring Water Company, New York, N. Y. Natural spring-water.....	63,937	July 16	129	1262
Hurd & Co., George B., New York, N. Y. Writing-paper and envelopes.....	63,709	July 2	129	476
Hurley Machine Company, Chicago, Ill. Floor-scraping machines.....	62,024	Apr. 16	127	2810
Husted Milling & Elevator Company, Buffalo, N. Y. Stock food.....	62,797	May 28	128	1681
Hutchison, J. C., Queen City, Tex. Medicine for certain named diseases.....	60,605	Feb. 12	126	2585
Hutchison Medicine Co., Queen City, Tex. Preparation for the cure of chills and fever.....	60,390	Feb. 5	126	2184
Huttig Mfg. Co., Muscatine, Iowa. Rubber roofing.....	60,924	Feb. 26	126	3417
Hyde, Charles E., New London, Conn. Propeller-wheels for vessels.....	59,064	Jan. 1	126	378
Hydrex Felt & Engineering Co., Portland, Me.; New York, N. Y., and East Walpole, Mass. Water-proofing-felts for structural work.....	59,382	Jan. 8	126	749
Hygeia Distilled Water Company, New York, N. Y. Certain beverages.....	59,253	Jan. 1	126	383
Hygeia Distilled Water Company, New York, N. Y. Certain beverages.....	59,254	Jan. 1	126	383
Hygienic Food Co., Battle Creek, Mich. Prepared cereal breakfast foods.....	60,101	Jan. 29	126	1768
I. Trager Co., Cincinnati, Ohio. Whisky.....	65,803	Oct. 22	130	2367
I. L. Lamm Co., Superior, Wis. Gin, whisky, and brandy.....	61,899	Apr. 9	127	2389
I. L. Lamm Co., Superior, Wis. Gin, whisky, and brandy.....	61,900	Apr. 9	127	2389
I. L. Lamm Co., Superior, Wis. Whines.....	62,070	Apr. 16	127	2811
I. L. Lamm Co., Superior, Wis. Whisky.....	66,746	Dec. 24	131	2141
I. X. L. Steam Packing Manufacturing Co., New York, N. Y. Steam and pressure packing in sheet and coil form.....	59,105	Jan. 1	126	379
Ichthyol Gesellschaft, Cordes, Hermann & Co., Hamburg, Germany. Plasters and certain medicinal preparations.....	61,010	Feb. 26	126	3419
Ichthyol Gesellschaft, Cordes, Hermann & Co., Hamburg, Germany. Plasters and certain medicinal preparations.....	61,011	Feb. 26	126	3419
Ichthyol Gesellschaft Cordes, Hermann & Co., Hamburg, Germany. Medicated soap.....	61,465	Mar. 26	127	1571
Ichthyol Gesellschaft Cordes, Hermann & Co., Hamburg, Germany. Medicated soap.....	62,521	May 14	128	879
Ichthyol Gesellschaft Cordes, Hermann & Co., Hamburg, Germany. Medicinal sulfonic acids and their salts.....	62,602	May 14	128	881
Ichthyol Gesellschaft Cordes, Hermann & Co., Hamburg, Germany. Medicinal sulfonic acids and their salts.....	62,603	May 14	128	881
Ide & Co., Geo. P., New York, N. Y. Buttonhole-strips for garments.....	65,084	Sept. 3	130	296
Ide & Sons, A. L., Springfield, Ill. Combined steam-engine and dynamo-electric machine.....	62,321	Apr. 30	127	3637
Ide & Sons, A. L., Springfield, Ill. Steam-engines.....	62,322	Apr. 30	127	3637
Ide & Sons, A. L., Springfield, Ill. Steam-engines.....	62,323	Apr. 30	127	3637
Ideal Automatic Pump Governor Co., New York, N. Y. Packing-boxes for pistons, piston-rods, and valve-rods.....	64,032	July 23	129	1603
Ideal Concrete Machinery Company, South Bend, Ind. Certain concrete machines and molds and parts thereof.....	64,362	Aug. 6	129	2494
Ideal Concrete Machinery Company, South Bend, Ind. Waterproofing-powder for cement and concrete.....	66,517	Dec. 10	131	1681
Ideal Manufacturing Company, Chicago, Ill. Varnish-removers.....	62,483	May 7	128	451
Ideal Manufacturing Company Limited, Albany, N. Y. Nail-polish.....	65,300	Sept. 17	130	972
Ihlenburg, Rudolph L., Greenfield, Tenn. Non-intoxicating beer made from malt and hops.....	64,114	July 23	129	1605

Alphabetical list of registrants of trade-marks—Continued.

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Illinois Glass Company, Alton, Ill. Glass flasks	63,832	July 9	129	865
Illinois Humane Society, Chicago, Ill. Monthly magazine	65,331	Sept. 17	130	973
Illinois Match Company, Joliet, Ill. Matches	63,143	June 11	128	2521
Illinois Refrigerator Co., Morrison, Ill. Refrigerators and ice-boxes	62,352	Apr. 30	127	3638
Illinois Seed Company, Chicago, Ill. Grass, clover, and field seeds	61,562	Mar. 26	127	1573
Illinois Seed Company, Chicago, Ill. Poultry food	61,582	Mar. 26	127	1574
Imperial Bit & Snap Co., Racine, Wis. Certain metal manufactures	62,154	Apr. 23	127	3209
Imperial Bit & Snap Co., Racine, Wis. Certain metal manufactures	62,838	May 28	128	1682
Imperial Distilling & Cordial Co., Chicago, Ill. Whisky	62,054	Apr. 16	127	2811
Imperial Distilling & Cordial Co., Chicago, Ill. Cordials	62,353	Apr. 30	127	3638
Imperial Novelty Company, Providence, R. I. Puzzles	64,424	Aug. 6	129	2495
Independence Coffee and Spice Company, Denver, Colo. Coffee	65,123	Sept. 10	130	650
Independent Drug Company, New York, N. Y. Tonics for the scalp	64,462	Aug. 6	129	2496
Independent Non-Freezing Powder Company, Paulsboro, N. J. Explosive powder	65,442	Sept. 24	130	1305
Independent Whip Co., Westfield, Mass. Whips	63,938	July 16	128	1262
Indestructible Fibre Company, Massena and New York, N. Y. Pulp-board	65,477	Oct. 8	130	1681
Indestructible Fibre Company, Massena and New York, N. Y. Pulp-board	65,478	Oct. 8	130	1681
Indian Head Mills of Alabama, Walker county, Ala. Cotton piece goods and blankets	62,198	Apr. 23	127	3211
Indian Head Mills of Alabama, Walker county, Ala. Cotton piece goods and cotton blankets	62,331	Apr. 30	127	3637
Indiana Furniture Co., Connersville, Ind. Sideboards, buffets, sewing-tables, beds, dressers, and washstands	62,400	May 7	128	449
Indianapolis Brewing Company, Indianapolis, Ind. Beer	65,772	Oct. 22	130	2366
Indianapolis Brewing Company, Indianapolis, Ind. Beer	61,685	Apr. 2	127	1986
Industry Publishing Company, Pittsburg, Pa. Magazine	61,901	Apr. 9	127	2389
Ingham, Harvey B., Waverly, N. Y. Furniture and piano polishes	66,863	Dec. 31	131	2413
Ingram, Frederick F., Detroit, Mich. Dentifrice	66,233	Nov. 19	131	935
Inter-State Rubber Company, Omaha, Nebr. Certain clothing	60,851	Feb. 19	126	3038
Interchangeable Rebate System Company, Denver, Colo. Trading-stamps	65,098	Sept. 10	130	649
Interlocking Fence Company, Morton, Ill. Wire fence	65,504	Oct. 8	130	1682
Interlocking Stone Co., Oakland, Cal. Building blocks and tiles	62,312	Apr. 30	127	3637
International Combustion Corporation, Buffalo, N. Y. Mechanical device for the purpose of burning comminuted or pulverized fuel	62,839	May 28	128	1682
International Cutlery Company, Fremont, Ohio. Razors	63,073	June 4	128	2080
International Factories Co., Minneapolis, Minn. Washing-machines	61,152	Mar. 5	127	388
International Harvester Company of America, Chicago, Ill. Certain agricultural machines	62,748	May 21	128	1288
International M'fg. Co., New York, N. Y. Handkerchiefs	61,512	Mar. 26	127	1572
International Patent Corporation, Pierre, S. D., and Jersey City, N. J. Gas, air, and oil engines	62,354	Apr. 30	127	3638
International Patent Corporation, Pierre, S. D., and Jersey City, N. J. Power-transmitting apparatus, clutches, and speed-gears	64,033	July 23	129	1603
International Power Company, New York, N. Y.; Bridgeport, Conn.; Providence, R. I., and Worcester, Mass. Internal-combustion engines	66,720	Dec. 24	131	2140
International Shoe Company, Boston, Mass. Leather boots and shoes	62,639	May 21	128	1285
International Shoe Company, Boston, Mass. Leather boots and shoes	64,195	July 30	129	2068
International Silver Company, Meriden, Conn. Imitation silverware	65,740	Oct. 22	130	2365
International Silver Company, Meriden, Conn. Certain silver-plated ware	59,049	Jan. 1	126	378
International Sunshine Society, New York, N. Y. Magazine	63,981	July 16	129	1263
International Union of Steam Engineers, Peoria, Ill.; Boston, Mass., and New York, N. Y. Monthly magazines	66,666	Dec. 17	131	1937
International Watch Company, Jersey City, N. J. Watches and watch-dials	65,795	Oct. 22	130	2367
Interstate Packing Co., Winona, Minn. Hams, bacon, and cured meats	64,141	July 23	129	1606
Iosaline Company, New York, N. Y. Transparent non-staining paste of iodine, true oil of winter-green, and menthol	64,552	Aug. 13	129	2852
Iowa Soap Company, Burlington, Iowa. Soap	61,161	Mar. 5	127	388
Iron City Chemical Co., Pittsburg, Pa. Massage-cream	62,640	May 21	128	1285
Ironsides Company, Columbus, Ohio. Greases, lubricating-oils, and lubricating mixtures	59,255	Jan. 1	126	383
Ironsides Company, Columbus, Ohio. Lubricating-oils, lubricating-greases, and lubricating compounds	59,050	Jan. 1	126	378
Irwin Auger Bit Co., Wilmington, Ohio. Bits and augers	59,904	Jan. 22	126	1349
Irwin Auger Bit Co., Wilmington, Ohio. Bits and augers	62,840	May 28	128	1682
Isaac Prouty & Company, Incorporated, Boston and Spencer, Mass. Leather and canvas boots and shoes	65,244	Sept. 17	130	971
Isaacs & Co., S., New York, N. Y. Glue	65,320	Sept. 17	130	973
Isaacs, Isaac, Kansas City, Mo. Coats, vests, and trousers	61,776	Apr. 2	127	1989
Isabellenhütte, G. m. b. H., Dillenburg, Germany. Metal alloy consisting of nickel, manganese, and copper	66,685	Dec. 24	131	2139
Isabellenhütte, G. m. b. H., Dillenburg, Germany. Alloy of nickel, manganese, and copper	60,525	Feb. 12	126	2583
Iselin & Co., William, New York, N. Y. Knitted underwear	60,526	Feb. 12	126	2583
Ismert-Hincke Milling Company, Kansas City, Kans. Wheat-flour	60,813	Feb. 19	126	3037
Ismert-Hincke Milling Company, Kansas City, Kans. Wheat-flour	60,681	Feb. 19	126	3034
Isolatorem-Fabrik "Pulvolit" Gesellschaft mit beschr. Haftung, Bockenheim, Germany. Insulators for electrical purposes	60,682	Feb. 19	126	3034
It Publishing Company, New York, N. Y. Newspaper	63,877	July 9	129	866
Ives Manufacturing Corporation, Bridgeport, Conn. Toy railways	62,112	Apr. 16	127	2812
Ivimy, Limited, London, England. Custard-powder	65,676	Oct. 15	130	2062
Ivins, Dietz & Metzger Co., Philadelphia, Pa. Wilton carpets and rugs	61,583	Mar. 26	127	1574
J. Ellwood Lee Company, Conshohocken, Pa. Certain surgical dressings and appliances	61,683	Apr. 2	127	1986
J. Ellwood Lee Company, Conshohocken, Pa. Certain surgical dressings and appliances	60,527	Feb. 12	126	2583
J. Ellwood Lee Company, Conshohocken, Pa. Certain surgical dressings and appliances	60,528	Feb. 12	126	2583
J. Ellwood Lee Company, Conshohocken, Pa. Certain surgical dressings and appliances	60,529	Feb. 12	126	2583
J. Ellwood Lee Company, Conshohocken, Pa. Certain surgical dressings and appliances	60,530	Feb. 12	126	2583
J. A. Engel & Co., East Peoria, Ill. Combined wagon-jack and grain-elevators	62,904	May 28	128	1684
J. A. Pozzoni Pharmacal Co., St. Louis, Mo. Complexion-powder	61,162	Mar. 5	127	388
J. A. Pozzoni Pharmacal Co., St. Louis, Mo. Complexion-powder	63,000	June 4	128	2078
J. A. Pozzoni Pharmacal Co., St. Louis, Mo. Complexion-powder	63,001	June 4	128	2078
J. A. Wright & Co., Keene, N. H. Stove-polish	61,500	Mar. 26	127	1572
J. A. Wright & Co., Keene, N. H. Silver and metal polishes	64,981	Sept. 3	130	293
J. B. Brooks & Co., Limited, Birmingham, England. Certain leather goods	64,051	July 23	129	1603
J. B. Pearson Company, Boston, Mass. Youths', boys', and children's play-suits	62,782	May 28	128	1681
J. B. Pearson Company, Boston, Mass. Misses', girls', and children's play-suits	62,841	May 28	128	1682
J. C. Grant Chemical Company, East St. Louis, Ill. Bicarbonate of soda, otherwise known as baking-soda or saleratus	65,356	Sept. 24	130	1303
J. C. Grant Chemical Company, East St. Louis, Ill. Baking-powder	65,357	Sept. 24	130	1303
J. C. & W. E. Powers, New York, N. Y. Inks	65,925	Oct. 29	130	2715
J. E. Fricke Company, Philadelphia, Pa. Sash-cord	59,311	Jan. 8	126	747
J. E. Linde Paper Co., New York, N. Y. Certain paper and paper manufactures	62,401	May 7	128	449
J. F. Humphreys & Co., Bloomington, Ill. Canned fruits and vegetables	62,471	May 7	128	451

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J. F. Humphreys & Co., Bloomington, Ill. Canned fruits and vegetables.....	62,484	May 7	128	451
J. F. Zahm Tobacco Co., Toledo, Ohio. Smoking and chewing tobacco.....	60,901	Feb. 26	126	3416
J. F. Zahm Tobacco Co., Toledo, Ohio. Smoking-tobacco.....	62,402	May 7	128	449
J. F. Zahm Tobacco Co., Toledo, Ohio. Smoking and chewing tobacco.....	64,982	Sept. 3	130	293
J. F. Zahm Tobacco Co., Toledo, Ohio. Smoking and chewing tobacco.....	64,983	Sept. 3	130	293
J. G. Brill Company, Philadelphia, Pa., assignor to The J. G. Brill Company. Gongs and parts thereof, except electric gongs.....	66,327	Nov. 19	131	938
J. G. Brill Company, Philadelphia, Pa., assignor to The J. G. Brill Company. Railway street-sprinklers.....	66,328	Nov. 19	131	938
J. G. Brill Company, Philadelphia, Pa., assignor to The J. G. Brill Company. Certain bells and parts thereof.....	66,424	Nov. 26	131	1157
J. G. Brill Company, Philadelphia, Pa., assignor to The J. G. Brill Company. Sand-boxes for railway-cars.....	66,825	Dec. 31	131	2412
J. & G. Cox Limited, Gorgie, Edinburgh, Scotland. Gelatin for use as food.....	61,621	Mar. 26	127	1575
J. G. Hutchison & Co., Ottumwa, Iowa. Certain foods.....	64,917	Aug. 27	129	3497
J. G. Hutchison & Co., Ottumwa, Iowa. Certain cereal foods.....	66,023	Nov. 5	131	354
J. G. McDonald Candy Company, Salt Lake City, Utah. Chocolates.....	60,657	Feb. 19	126	3033
J. G. McDonald Candy Company, Salt Lake City, Utah. Chocolates.....	62,184	Apr. 23	127	3210
J. G. McDonald Candy Company, Salt Lake City, Utah. Chocolates.....	64,553	Aug. 13	129	2852
J. G. McDonald Candy Company, Salt Lake City, Utah. Chocolate-coated candy.....	65,804	Oct. 22	130	2367
J. G. Schemm Brewing Co., Saginaw, Mich. Beer.....	60,768	Feb. 19	126	3036
J. H. Rice & Friedmann Co., Milwaukee, Wis. Coats, vests, and trousers and boys' suits.....	65,275	Sept. 17	130	972
J. H. Rice & Friedmann Co., Milwaukee, Wis. Shirts made from woven goods.....	65,358	Sept. 24	130	1303
J. H. Rice & Friedmann Co., Milwaukee, Wis. Certain workmen's clothing.....	65,527	Oct. 8	130	1682
J. H. Rice & Friedmann Co., Milwaukee, Wis. Dress and negligée shirts made of woven cloth.....	66,627	Dec. 17	131	1936
J. H. Rushton, Incorporated, Canton, N. Y. Canoes, row-boats, and sail-boats, and parts thereof, and oars and paddles.....	61,408	Mar. 19	127	1249
J. H. Winchell & Co., Inc., Haverhill, Mass. Leather boots and shoes.....	66,518	Dec. 10	131	1681
J. J. Douglas Co., Louisville, Ky. Whisky.....	62,770	May 21	128	1288
J. K. Orr Shoe Company, Atlanta, Ga. Leather boots and shoes.....	64,554	Aug. 13	129	2852
J. L. Hammett Co., Boston, Mass. Educational globes.....	60,359	Feb. 5	126	2184
J. L. Iles Co., Davenport, Iowa. Wheat and Graham flour.....	63,418	June 18	128	2831
J. L. N. Smythe Company, Philadelphia, Pa. Wrapping, tissue, news, book, and press papers.....	63,275	June 11	128	2524
J. M. Card Lumber Co., Chattanooga, Tenn. Rough and dressed lumber.....	65,887	Oct. 29	130	2714
J. M. Robinson, Norton & Co., Louisville, Ky. Coats, overcoats, duck coats, vests, trousers, and overalls.....	63,909	July 16	129	1261
J. M. Robinson, Norton & Co., Louisville, Ky. Cotton piece goods.....	64,876	Aug. 27	129	3496
J. & P. Baltz Brewing Co., Philadelphia, Pa. Beer.....	64,387	Aug. 6	129	2494
J. & P. Baltz Brewing Co., Philadelphia, Pa. Beer.....	64,613	Aug. 13	129	2854
J. & P. Baltz Brewing Co., Philadelphia, Pa. Beer.....	64,614	Aug. 13	129	2854
J. & P. Coats, Limited, Paisley, Scotland. Sewing-cotton on spools or reels.....	60,307	Feb. 5	126	2182
J. & P. Coats, Limited, Paisley, Scotland. Sewing-cotton wound on spools or reels.....	60,308	Feb. 5	126	2182
J. & P. Coats, Limited, Paisley, Scotland. Sewing and crochet cotton.....	64,523	Aug. 13	129	2852
J. & P. Coats, Limited, Paisley, Scotland. Sewing-cotton on spools or reels.....	65,099	Sept. 10	130	649
J. & R. Tennent Ltd., Glasgow, Scotland. Ale, stout, and porter.....	59,886	Jan. 22	126	1348
J. & R. Tennent Ltd., Glasgow, Scotland. Ale, stout, and porter.....	59,887	Jan. 22	126	1349
J. T. Robertson Company, Manchester, Conn. Shaving-soap.....	60,153	Jan. 29	126	1769
J. W. Benson, Limited, London, England. Certain named jewelry.....	59,482	Jan. 8	126	751
J. W. Butler Paper Co., Chicago, Ill. Writing-paper.....	63,677	July 2	129	475
J. W. Butler Paper Co., Chicago, Ill. Writing-paper.....	65,479	Oct. 8	130	1681
J. W. Butler Paper Co., Chicago, Ill. Writing-paper.....	65,480	Oct. 8	130	1681
J. W. Butler Paper Co., Chicago, Ill. Writing-paper.....	65,481	Oct. 8	130	1681
J. W. Butler Paper Co., Chicago, Ill. Writing-paper.....	65,482	Oct. 8	130	1681
J. W. Butler Paper Co., Chicago, Ill. Writing-paper.....	65,483	Oct. 8	130	1681
J. W. Butler Paper Co., Chicago, Ill. Writing-paper.....	65,484	Oct. 8	130	1681
J. W. Butler Paper Co., Chicago, Ill. Writing-paper.....	65,485	Oct. 8	130	1681
J. W. Butler Paper Co., Chicago, Ill. Writing-paper.....	65,486	Oct. 8	130	1681
J. W. Butler Paper Co., Chicago, Ill. Writing-paper.....	65,487	Oct. 8	130	1681
J. W. Butler Paper Co., Chicago, Ill. Writing-paper.....	65,488	Oct. 8	130	1681
J. W. James Co., Wheeling, W. Va. Certain medicinal preparations.....	62,055	Apr. 16	127	2811
Jacks-Evans Manufacturing Company, St. Louis, Mo. Stovepipes.....	66,489	Dec. 3	131	1417
Jackson Company, Nashua, N. H. Cotton piece goods and cotton blankets.....	62,355	Apr. 30	127	3638
Jackson Company, Nashua, N. H. Cotton piece goods and cotton blankets.....	62,554	May 14	128	880
Jackson Company, Nashua, N. H. Cotton piece goods.....	63,047	June 4	128	2079
Jackson Company, Nashua, N. H. Cotton piece goods and blankets.....	65,595	Oct. 8	130	1684
Jacob & Brown, New York, N. Y. Buckles.....	66,329	Nov. 19	131	938
Jacob Dold Packing Co., Buffalo, N. Y. Bacon, ham, sausage, and lard.....	65,805	Oct. 22	130	2367
Jacob Doll & Sons, Inc., New York, N. Y. Pianos and pianos with interior players.....	62,641	May 21	128	1285
Jacob & Sons, H., New York, N. Y. Leggings.....	61,483	Mar. 26	127	1571
Jacob & Sons, H., New York, N. Y. Leggings.....	61,755	Apr. 2	127	1988
Jacobs, Eva K., Everett, Wash. Mattresses.....	59,106	Jan. 1	126	379
Jacobus & Carlisle Co., New York, N. Y. Bleached absorbent gauze in the piece.....	66,763	Dec. 24	131	2141
Jacoway, Duncan L., Denver, Colo. Smoking-tobacco.....	61,336	Mar. 19	127	1247
Jacquín & Co., H., New York, N. Y. Men's, women's, and children's knitted undershirts and drawers.....	61,163	Mar. 5	127	388
Jacquín & Company, H., New York, N. Y. Knitted undershirts and drawers.....	61,382	Mar. 19	127	1248
Jadwin, Orlando H., New York, N. Y. Destroyer of roaches, water-bugs, rats, and mice.....	60,754	Feb. 19	126	3036
Jadwin, Orlando H., New York, N. Y. Medicated plasters.....	60,839	Feb. 19	126	3038
Jaeger Bros. Co., Dubuque, Iowa. Whisky.....	61,733	Apr. 2	127	1988
Jaeger Bros. Co., Dubuque, Iowa. Whisky.....	63,678	July 2	129	475
Jaeger Miniature Lamp Manufacturing Company, New York, N. Y. Decorative electric-lighting outfits.....	61,649	Apr. 2	127	1985
Jaenicke, August L., Hillsboro, Kans. Eggs.....	65,375	Sept. 24	130	1303
James E. Blake Company, Attleboro, Mass. Certain brushes.....	60,151	Jan. 29	126	1769
James Graham Manufacturing Co., San Francisco, Cal. Stoves and ranges.....	65,178	Sept. 10	130	651
James Graham Manufacturing Co., San Francisco, Cal. Stoves and ranges.....	65,231	Sept. 10	130	652
James M. Houston Grocer Company, St. Louis, Mo. Canned fruits and vegetables.....	66,218	Nov. 19	131	935
James R. Crompton & Brothers, Limited, Elton Paper Mills, near Bury, England. Wall-papers.....	63,419	June 18	128	2831
James R. Crompton & Brothers, Limited, Elton Paper Mills, near Bury, England. Grass-bleached tissue-paper.....	63,679	July 2	129	475
James R. Crompton & Brothers, Limited, Elton Paper Mills, near Bury, England. Tissue-paper.....	63,710	July 2	129	476
James R. Crompton & Brothers, Limited, Elton Paper Mills, near Bury, England. Tissue-paper.....	64,014	July 16	129	1264
James R. Crompton & Brothers, Limited, Elton Paper Mills, near Bury, England. Tissue-paper.....	64,788	Aug. 20	129	3156
James R. Crompton & Brothers, Limited, Elton Paper Mills, near Bury, England. Tissue-paper.....	65,489	Oct. 8	130	1681
James S. Kirk & Company, Chicago, Ill. Laundry soap.....	61,295	Mar. 12	127	843
James S. Kirk & Company, Chicago, Ill. Toilet soap.....	65,888	Oct. 29	130	2714

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James Swan Company, Seymour, Conn. Certain edge-tools.....	60,102	Jan. 29	126	1768
James W. Foster Co., Bath, N. H. Ointment for piles, cuts, burns, and all eruptions of the skin.....	61,666	Apr. 2	127	1986
James, William, New York, N. Y. Carbureters.....	64,339	Aug. 6	129	2493
Jameson, Walter D., New York, N. Y. Dried and evaporated fruits.....	60,291	Feb. 5	126	2182
Jamison Bros. & Johntz Bakers' Supply Co., Kansas City, Mo. Certain foods.....	63,074	June 4	128	2080
Jansen, Augusta Y., Chicago, Ill. Clocks.....	63,002	June 4	128	2078
Japan Polish Company of Baltimore City, Baltimore, Md. Furniture-polish.....	63,956	July 16	129	1262
Japanese Importing Company, Los Angeles, Cal. Table-cloths, napkins, and doilies.....	63,048	June 4	128	2079
Japhet & Co., Houston, Tex. Gin.....	66,297	Nov. 19	131	937
Jas. Chadwick & Bror. Ltd., Bolton, England. Sewing-cotton on spools and reels.....	63,527	June 25	128	3282
Javarone, Giuseppe, Naples, Italy. Certain medicines.....	64,474	Aug. 6	129	2497
Jay C. Wemple Co., New York, N. Y. Window-shade cloths.....	62,176	Apr. 23	127	3210
Jayne & Son, Dr. D., Philadelphia, Pa. Balsam.....	59,749	Jan. 15	126	1059
Jayne & Son, Dr. D., Philadelphia, Pa. Liniment or counter-irritant.....	59,782	Jan. 15	126	1060
Jayne & Son, Dr. D., Philadelphia, Pa. Alternative.....	59,783	Jan. 15	126	1060
Jayne & Son, Dr. D., Philadelphia, Pa. Certain medicinal compounds.....	61,667	Apr. 2	127	1986
Jayne & Son, Dr. D., Philadelphia, Pa. Remedy for liver complaints.....	61,681	Apr. 2	127	1986
Jefferson, Edward Z., Pittsburg, Pa. Rubber belting and hose.....	62,511	May 14	128	879
Jenkins, Alfred B., New York, N. Y.; Boston, Mass., and Elizabeth, N. J., assignor to Jenkins Rubber Co., Elizabeth, N. J. Rubber packing.....	63,446	June 18	128	2832
Jenkins Paint and Oil Co., Norfolk, Va., and New York, N. Y. Certain paint.....	62,660	May 21	128	1286
Jenkins Rubber Co. (See Jenkins, Alfred B., assignor.)				
Jennings, Albert G., New York, N. Y. Hair-nets.....	59,328	Jan. 8	126	747
Jesse Moore Hunt Co., San Francisco, Cal. Whisky.....	63,049	June 4	128	2079
Jesse Moore Hunt Co., San Francisco, Cal. Whisky.....	66,083	Nov. 5	131	356
Jewelers' Circular Publishing Co., New York, N. Y. Periodicals.....	62,324	Apr. 30	127	3637
Jewelers Circular Publishing Co., New York, N. Y. Periodicals.....	62,905	May 28	128	1684
Jewelers Circular Publishing Co., New York, N. Y. Periodicals.....	63,276	June 11	128	2524
Jewelers Circular Publishing Co., New York, N. Y. Periodicals.....	63,550	June 25	128	3283
Jewelers Circular Publishing Co., New York, N. Y. Weekly periodicals.....	63,897	July 16	129	1261
Jewett Bigelow & Brooks, Detroit, Mich. Coal.....	61,466	Mar. 26	127	1571
Jireh Diabetic Food Co., New York, N. Y. Certain cereal foods.....	59,812	Jan. 15	126	1061
Jno. Hy. Andrew & Co. Ltd., Sheffield, England. Steel.....	65,490	Oct. 8	130	1681
Jno. Hy. Andrew & Co. Ltd., Sheffield, England. Certain parts of machinery.....	65,611	Oct. 8	130	1685
Jno. M. Scott & Co., Charlotte, N. C. Certain medicinal preparation.....	59,784	Jan. 15	126	1060
Jno. T. Barbee & Co., Louisville, Ky. Whisky.....	65,443	Sept. 24	130	1305
John A. Roebling's Sons Co., Trenton, N. J. Stranded insulated wire.....	59,947	Jan. 22	126	1350
John A. Roebling's Sons Co., Trenton, N. J. Wrenches.....	60,327	Feb. 5	126	2183
John A. Roeblings Sons Co., Trenton, N. J. Insulated electric wire and cables.....	63,853	July 9	129	866
John A. Roeblings Sons Co., Trenton, N. J. Insulated electric wire and cables.....	63,878	July 9	129	866
John A. Roebling's Sons Co., Trenton, N. J. Certain metal goods.....	65,491	Oct. 8	130	1681
John A. Roebling's Sons Co., Trenton, N. J. Certain metal goods.....	65,492	Oct. 8	130	1681
John A. Roebling's Sons Co., Trenton, N. J. Certain wire.....	65,493	Oct. 8	130	1681
John A. Roebling's Sons Co., Trenton, N. J. Certain wire.....	65,528	Oct. 8	130	1682
John Barth Company, Milwaukee, Wis. Vodka.....	66,298	Nov. 19	131	937
John Bird Company, Rockland, Me. Spices, mustard, and flavoring extracts.....	64,524	Aug. 13	129	2852
John Bird Company, Rockland, Me. Cream of tartar, bicarbonate of soda, and saleratus.....	65,494	Oct. 8	130	1681
John Blaul's Sons Company, Burlington, Iowa. Coffee.....	63,277	June 11	128	2524
John Blaul's Sons Company, Burlington, Iowa. Coffee.....	63,278	June 11	128	2524
John Blaul's Sons Company, Burlington, Iowa. Coffee.....	63,497	June 25	128	3282
John Blauls Sons Company, Burlington, Iowa. Certain sea foods.....	65,245	Sept. 17	130	971
John C. Lindsay Co., New York, N. Y. Preparation for diseases of the nose and throat.....	62,887	May 28	128	1684
John C. Roth Packing Co., Cincinnati, Ohio. Lard.....	62,185	Apr. 23	127	3210
John C. Weller Co., Louisville, Ky. Gin.....	61,093	Mar. 5	127	386
John Callahan & Co. Inc., Seattle, Wash. Boiler-cleaning compounds.....	60,793	Feb. 19	126	3037
John Dewar & Sons, Ltd., Perth, Scotland. Whisky.....	66,490	Dec. 3	131	1417
John E. Cassidy & Son, Boston, Mass. Whisky.....	60,531	Feb. 12	126	2583
John E. Cassidy & Son, Boston, Mass. Whisky.....	60,556	Feb. 12	126	2584
John E. Cassidy & Son, Boston, Mass. Rum.....	60,557	Feb. 12	126	2584
John E. Cassidy & Son, Incorporated, Boston, Mass. Whisky.....	64,592	Aug. 13	129	2853
John F. Jelke Company, Chicago, Ill. Butterin and oleomargarin.....	65,699	Oct. 15	130	2063
John Gay's Sons Incorporated, Philadelphia, Pa. Carpets and rugs.....	59,329	Jan. 8	126	747
John Graham & Company, Limited, Glasgow, Scotland. Port-wine.....	60,717	Feb. 19	126	3035
John H. Ebeling Milling Company, Green Bay, Wis. Wheat-flour.....	64,485	Aug. 6	129	2497
John Haig & Co. Ltd., Markinch, Scotland. Whisky.....	62,039	Apr. 16	127	2811
John Hoberg Co., Green Bay, Wis. Tissue-paper, including napkins and toilet-paper.....	62,749	May 21	128	1288
John Kissel & Son Inc., Brooklyn, N. Y. Gin, whisky, brandy, and rum.....	65,444	Sept. 24	130	1305
John Murphy Company, Baltimore, Md. Printed books.....	66,704	Dec. 24	131	2141
John Robertson & Son, Limited, Dundee, Scotland. Whisky.....	63,050	June 4	128	2079
John T. Lewis & Bros. Co., Philadelphia, Pa. Certain paints and painters' materials.....	59,444	Jan. 8	126	750
John T. Dyer Quarry Co., Norristown, Pa. Quarried stone.....	65,100	Sept. 10	130	649
John V. Farwell Company, Chicago, Ill. Textile collars and shirts.....	66,158	Nov. 12	131	686
John W. Hasburg Company, Chicago, Ill. Gold preparations, colors, and enamels for vitrifiable painting.....	65,276	Sept. 17	130	972
John Walker & Co. Limited, London, England. Writing-paper and tablets and pads of such paper.....	64,965	Sept. 3	130	293
John Wyeth and Brother, Incorporated, Philadelphia, Pa. Organic salts of silver.....	53,750	Jan. 15	126	1059
John Wyeth and Brother, Incorporated, Philadelphia, Pa. Granular effervescing headache-salts.....	53,751	Jan. 15	126	1059
John Wyeth and Brother, Incorporated, Philadelphia, Pa. Antiseptic liquor or solution of eucalyptus.....	60,028	Jan. 22	126	1352
John Wyeth and Brother, Incorporated, Philadelphia, Pa. Vasomotor, cardiac, respiratory, and metabolic stimulant.....	60,197	Jan. 29	126	1770
John Wyeth and Brother, Incorporated, Philadelphia, Pa. Preparations of peptonized beef and bread.....	60,606	Feb. 12	126	2585
John Wyeth and Brother, Incorporated, Philadelphia, Pa. Antiseptic solution.....	60,628	Feb. 12	126	2585
John Wyeth and Brother, Incorporated, Philadelphia, Pa. Emulsion of mixed fats.....	60,629	Feb. 12	126	2586
John Wyeth and Brother, Incorporated, Philadelphia, Pa. Elixir of the digestive ferments.....	60,630	Feb. 12	126	2586
John Wyeth and Brother, Incorporated, Philadelphia, Pa. Medicinal pastes and ointments.....	61,734	Apr. 2	127	1988
John Wyeth and Brother, Incorporated, Philadelphia, Pa. Medicinal vehicle or carrier in fluid form.....	61,946	Apr. 9	127	2391
John Wyeth and Brother, Incorporated, Philadelphia, Pa. Medicinal preparation of iron chlorid.....	62,984	June 4	128	2078
John Wyeth and Brother, Incorporated, Philadelphia, Pa. Medicinal pencils or cones.....	62,985	June 4	128	2078
John Wyeth and Brother, Incorporated, Philadelphia, Pa. Certain medicinal preparations.....	63,075	June 4	128	2080
John Wyeth and Brother, Incorporated, Philadelphia, Pa. Pastils.....	63,076	June 4	128	2080
John Wyeth and Brother, Incorporated, Philadelphia, Pa. Certain liquid medicine.....	65,634	Oct. 15	130	2061
Johns Bros., Norfolk, Va. Coal.....	65,101	Sept. 10	130	649
Johns-Platt Company, Hartford, Conn. Steam and water packings.....	59,483	Jan. 8	126	751

Alphabetical list of registrants of trade-marks—Continued.

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Johnson, Anthony T., Mineola, N. Y. Certain oil.....	66,390	Nov. 26	131	1156
Johnson & Co., H. A., Boston, Mass. Fruit fillings for biscuits and crackers.....	60,257	Feb. 5	121	2181
Johnson & Co., H. A., Boston, Mass. Vanilla extract, lemon extract, evaporated apples, and fruit-jellies.....	60,658	Feb. 19	126	3033
Johnson Co., H. Heron, New York, N. Y. Pills for diseases of the stomach, liver, and bowels.....	61,254	Mar. 12	127	842
Johnson Educator Food Co., Boston, Mass. Crackers.....	61,947	Apr. 9	127	2391
Johnson Educator Food Co., Boston, Mass. Certain bakery products and cereal foods.....	62,186	Apr. 23	127	3210
Johnson Educator Food Company, Boston, Mass. Certain cereal foods.....	66,176	Nov. 12	131	687
Johnson, John H., Boston, Mass. Cigars.....	62,005	Apr. 16	127	2810
Johnson & Johnson, New Brunswick, N. J. Suspensory bandages.....	60,328	Feb. 5	126	2183
Johnson & Johnson, New Brunswick, N. J. Disinfectants.....	61,777	Apr. 2	127	1989
Johnson, William S., Putnam, Conn. Leather shoes.....	61,296	Mar. 12	127	843
Johnston, William J., New York, N. Y. Monthly periodical.....	61,115	Mar. 5	127	387
Johs Conradsen A/S, Stavanger, Norway. Canned, pickled, and preserved fish.....	60,631	Feb. 12	126	2586
Johs Conradsen A/S, Stavanger, Norway. Canned, pickled, and preserved fish.....	60,632	Feb. 12	126	2586
Johs Conradsen A/S, Stavanger, Norway. Canned, pickled, and preserved fish.....	64,091	July 23	129	1603
Jonas Brook & Bros., Limited, Meltham, England. Sewing-cotton.....	65,445	Sept. 24	130	1305
Jonas & Colver, Limited, Sheffield, England. Cutlery in general, and other hand-tools having a cutting edge.....	63,405	June 18	128	2831
Jonas & Colver Limited, Sheffield, England. Cutlery in general and other hand-tools having a cutting edge.....	64,244	July 30	129	2069
Jonas F. Brown & Co., Minneapolis, Minn. Rye and Bourbon whisky.....	62,403	May 7	128	449
Jonas Bros. & Co. Inc., Louisville, Ky. Certain food preparations.....	61,350	Mar. 19	127	1247
Jones and Co., W. H., Boston, Mass. Whisky.....	61,584	Mar. 26	127	1574
Jones & Company, Danforth L., New York, N. Y. Ledger-index bristol-paper.....	63,166	June 11	128	2521
Jones & Company, Danforth L., New York, N. Y. Ledger-index bristol-paper.....	63,167	June 11	128	2521
Jones Dairy Farm, Fort Atkinson, Wis. Sausages, hams, bacon, salt pork, and lard.....	60,458	Feb. 12	126	2581
Jones Dairy Farm, Fort Atkinson, Wis. Sausages, hams, bacon, salt pork, and lard.....	60,482	Feb. 12	126	2582
Jones Dairy Farm, Fort Atkinson, Wis. Sausages, hams, bacon, salt pork, and lard.....	61,297	Mar. 12	127	843
Jones Dairy Farm, Fort Atkinson, Wis. Sausages, hams, bacon, salt pork, and lard.....	62,268	Apr. 30	127	3635
Jones, David, New York, N. Y. Jams, jellies, and marmalades.....	63,551	June 25	128	3283
Jones Dry Goods Co., Kansas City, Mo. Certain garments.....	60,029	Jan. 22	126	1352
Jones Dry Goods Co., Kansas City, Mo. Leather boots and shoes.....	60,794	Feb. 19	126	3037
Jones Dry Goods Co., Kansas City, Mo. Felt mattresses.....	65,529	Oct. 8	130	1682
Jones Dry Goods Co., Kansas City, Mo. Wheat-flour.....	65,828	Oct. 22	130	2368
Jones Dry Goods Co., Kansas City, Mo. Coffee.....	65,829	Oct. 22	130	2368
Jones, Geo. P., St. Louis, Mo. Lubricating-oils, engine-oils, cylinder-oil, and miners' oil.....	61,807	Apr. 9	127	2387
Jones, George D., New York, N. Y., and New Castle, Pa. Cigars.....	59,065	Jan. 1	126	378
Jones-Paddock Co., San Francisco, Cal. Tea.....	63,854	July 9	129	866
Jones-Paddock Co., San Francisco, Cal. Coffee.....	63,855	July 9	128	866
Jones-Paddock Co., San Francisco, Cal. Coffee.....	64,000	July 16	129	1264
Jones-Paddock Co., San Francisco, Cal. Coffee.....	64,001	July 16	129	1264
Jones & Skinner, New York, N. Y. Toilet-paper.....	65,199	Sept. 10	130	652
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Matches.....	62,125	Apr. 23	127	3210
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Safety-matches.....	62,756	May 21	128	1287
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Safety-matches.....	62,727	May 21	128	1287
Jönköpings och Vulcans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Matches.....	66,024	Nov. 5	131	354
Joplin Overall Company, Joplin, Mo. Overalls, pants, and coats.....	62,860	May 28	128	1683
Joplin Overall Company, Joplin, Mo. Overalls, pants, and coats.....	62,861	May 28	128	1683
Joplin Overall Company, Joplin, Mo. Overalls, pants, and coats.....	65,102	Sept. 10	130	649
Jordan Marsh Company, Boston, Mass. Dress-shields.....	60,364	Feb. 5	126	2184
Jos. Mayer & Bros., Seattle, Wash. Sterling-silver tableware.....	65,560	Oct. 8	130	1683
Jos. Mayer & Bros., Seattle, Wash. Certain precious-metal goods.....	66,878	Dec. 31	131	2413
Jos. Pfeifer Clothing Co., Little Rock, Ark. Certain headwear.....	64,789	Aug. 20	129	3156
Jos. Rosenheim Shoe Co., Savannah, Ga. Leather boots and shoes.....	60,360	Feb. 5	126	2184
Jos. Rosenheim Shoe Co., Savannah, Ga. Leather boots and shoes.....	60,361	Feb. 5	126	2184
Jos. Rosenheim Shoe Co., Savannah, Ga. Leather boots and shoes.....	60,362	Feb. 5	126	2184
Jos. Rosenheim Shoe Co., Savannah, Ga. Leather boots and shoes.....	60,363	Feb. 5	126	2184
Jos. Rosenheim Shoe Co., Savannah, Ga. Leather boots and shoes.....	60,755	Feb. 19	126	3036
Jos. Rosenheim Shoe Co., Savannah, Ga. Leather boots and shoes.....	63,382	June 18	128	2830
Jose Lovera Co., New York, N. Y. Cigars.....	59,354	Jan. 8	126	748
Joseph Allen & Sons Limited, Sheffield, England. Certain named cutlery.....	59,672	Jan. 15	126	1057
Joseph Allen & Sons Limited, Sheffield, England. Certain cutlery.....	63,406	June 18	128	2831
Joseph Allen & Sons Limited, Sheffield, England. Cutlery in general, and other hand-tools having a cutting edge.....	63,407	June 18	128	2831
Joseph Allen & Sons Limited, Sheffield, England. Cutlery of all descriptions.....	63,408	June 18	128	2831
Joseph B. Funke Company, La Crosse, Wis. Chocolate creams and candy.....	59,256	Jan. 1	126	383
Joseph Baker & Sons American Oven Company, Chicago, Ill. Dough-mixing machines.....	60,329	Feb. 5	126	2183
Joseph Dixon Crucible Company, Jersey City, N. J. Graphite.....	59,029	Jan. 1	126	377
Joseph Dixon Crucible Company, Jersey City, N. J. Paint.....	62,783	May 28	128	1681
Joseph Dixon Crucible Company, Jersey City, N. J. Graphite.....	62,784	May 28	128	1681
Joseph Dixon Crucible Company, Jersey City, N. J. Stove-polish.....	62,976	June 4	128	2077
Joseph Dixon Crucible Company, Jersey City, N. J. Graphite.....	62,977	June 4	128	2077
Joseph Dixon Crucible Company, Jersey City, N. J. Pencils.....	63,119	June 4	128	2081
Joseph Dixon Crucible Company, Jersey City, N. J. Lead and crayon pencils.....	63,498	June 25	128	3282
Joseph Dixon Crucible Company, Jersey City, N. J. Lead and crayon pencils.....	63,528	June 25	128	3282
Joseph Dixon Crucible Company, Jersey City, N. Y. Whisky.....	60,769	Feb. 19	126	3036
Joseph Junk Brewing Company, Chicago, Ill. Beer.....	65,561	Oct. 8	130	1683
Joseph Rodgers & Sons Limited, Sheffield, England. Manufactures of silver.....	63,051	June 4	128	2079
Joseph Rodgers & Sons Limited, Sheffield, England. Cutlery in general.....	63,409	June 18	128	2831
Joseph Rodgers & Sons Limited, Sheffield, England. Cutlery in general.....	64,169	July 30	129	2067
Josiah Wedgwood & Sons Ltd., Etruria, Stoke-upon-Trent, England. Porcelain, stoneware, and earthenware, including jasper.....	60,198	Jan. 29	126	1771
Josiah Wedgwood & Sons Ltd., Etruria, England. Earthenware and porcelain.....	62,522	May 14	128	879
Joy Castoria Company, Mineola and New York, N. Y. Remedy for children's diseases.....	62,986	June 4	128	2078
Joyce, Thomas J., New York, N. Y. Hair-grower and dandruff-eradicator.....	66,747	Dec. 24	131	2141
Judd, William M., Mexico, Mo. Eye-ointment.....	62,888	May 28	128	1684
Judson L. Thomson Mfg. Co., Waltham, Mass. Rivets.....	61,979	Apr. 16	127	2809
Junginger, Ernst, Wiesbaden, Germany, assignor to A. Lee, Lawrence, Mass. Mineral oils soluble in water.....	61,164	Mar. 5	127	388
K. D. C. Company, Limited, New Glasgow, Nova Scotia, Canada, and Boston, Mass. Remedy for dyspepsia.....	64,984	Sept. 3	130	293
K. K. K. Medicine Company, Keokuk, Iowa. Spices and mustard.....	63,591	June 25	128	3284
K. K. K. Medicine Company, Keokuk, Iowa. Wild-honey ointment.....	62,555	May 14	128	880
K. K. K. Medicine Company, Keokuk, Iowa. Wild-honey ointment.....	62,987	June 4	128	2078
K. K. K. Medicine Company, Keokuk, Iowa. Condition-powders.....	64,286	July 30	129	2070

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K S C Medical Co., Los Angeles, Cal. Medicated suppositories.....	61,032	Feb. 26	126	3419
K. W. Ignition Company, Cleveland, Ohio. Spark-plugs for explosive-engines.....	63,279	June 11	128	2524
Kabo Corset Company, Chicago, Ill. Corsets.....	59,164	Jan. 1	126	381
Kahabka, Baptist, Buffalo, N. Y. Eye-salves.....	61,706	Apr. 2	127	1987
Kahn, Arthur J., New York, N. Y. Linen thread for machine-sewing and lace-making.....	66,784	Dec. 31	131	2411
Kahn Wertheimer & Smith Co., New York, N. Y. Coats, vests, and trousers.....	59,637	Jan. 15	126	1056
Kahn Wertheimer & Smith Co., New York, N. Y. Boys' suits.....	59,638	Jan. 15	126	1056
Kalamazoo Loose Leaf Binder Co., Kalamazoo, Mich. Loose-sheet holders or temporary binders.....	63,957	July 16	129	1262
Kalamazoo Playing Card Co., Kalamazoo, Mich. Playing-cards.....	62,247	Apr. 30	127	3635
Kalamazoo Playing Card Co., Kalamazoo, Mich. Playing-cards.....	64,034	July 23	129	1603
Kaline Company, Nashville, Tenn. Certain medical compound.....	61,707	Apr. 2	127	1987
Kamp Distilling Co., St. Louis, Mo. Whisky.....	60,814	Feb. 19	126	3038
Kamp Distilling Co., St. Louis, Mo. Whisky.....	61,563	Mar. 26	127	1573
Kamp Distilling Co., St. Louis, Mo. Whisky.....	65,926	Oct. 29	130	2715
Kampfe Bro's., New York, N. Y. Razors and razor-blades.....	62,750	May 21	128	1288
Kampfe Bro's., New York, N. Y. Razors and razor-blades.....	62,751	May 21	128	1288
Kampfe Bro's., New York, N. Y. Safety-razors, razor-blades, and safety corn-knives.....	62,752	May 21	128	1288
Kampfe Bro's., New York, N. Y. Safety-razors, razor-blades, and safety corn-knives.....	62,753	May 21	128	1288
Kampfe Bro's., New York, N. Y. Razor-strops.....	62,811	May 28	128	1682
Kampfe Bros., New York, N. Y. Safety-razors and safety-razor blades.....	63,120	June 4	128	2081
Kampfe Bro's., New York, N. Y. Razors and safety-razor blades.....	64,170	July 30	129	2067
Kane Chemical Company, Cleveland, Ohio. Liniment and medicines for catarrh, hay-fever, and deafness.....	66,748	Dec. 24	131	2141
Kane, Thomas B., Philadelphia, Pa. Whisky.....	60,756	Feb. 19	126	3036
Kansas City Oil and Gas Company, Kansas City, Kans. Illuminating and lubricating oils.....	59,825	Jan. 22	126	1347
Kansas City Portland Cement Co., Kansas City, Mo. Portland cement.....	65,652	Oct. 15	130	2062
Kansas Milling Company, Wichita, Kans. Wheat-flour.....	65,399	Sept. 24	130	1304
Kansas Milling Company, Wichita, Kans. Wheat-flour.....	65,400	Sept. 24	130	1304
Kantor, David, New York, N. Y. Regulating-tea.....	62,221	Apr. 23	127	3211
Kargon Extracting Co., Cincinnati, Ohio. Certain medicinal compounds.....	61,012	Feb. 26	126	3419
Karpenstein, Henry C., New York, N. Y. Toilet creams or lotions.....	59,983	Jan. 22	126	1351
Kas Mo Remedy Co., Kansas City, Mo. Antiseptic salve.....	60,030	Jan. 22	126	1352
Kastor & Bros., Adolph, New York, N. Y. Razors, pocket-knives, and butcher-knives.....	60,995	Feb. 26	126	3418
Katarno Company, New York, N. Y. Preparation for the treatment of catarrh and catarrhal diseases.....	63,592	June 25	128	3284
Katarno Company, New York, N. Y. Preparation for the treatment of catarrh and catarrhal diseases.....	63,593	June 25	128	3284
Katarno Company, New York, N. Y. Preparation for the treatment of catarrh and catarrhal diseases.....	63,594	June 25	128	3284
Kathairo Chemical Co., New York, N. Y. Antiseptics, disinfectants, deodorizers, animal-poisons, and insecticides.....	61,927	Apr. 9	127	2390
Kathairo Chemical Co., New York, N. Y. Lubricating oils and greases.....	62,096	Apr. 16	127	2812
Kathairo Chemical Co., New York, N. Y. Detergent cleaning and polishing preparations.....	64,287	July 30	129	2070
Kaufmann Baer & Co., Cincinnati, Ohio. Gin.....	62,695	May 21	128	1286
Kautzmann & Sussfeld, Newark, N. J. Certain jewelry.....	65,999	Nov. 5	131	354
Kaye, Augustus W., Meridian, Miss. Ginger-ale.....	60,937	Feb. 26	126	3417
Kayser, Albert J., Joplin, Mo. Grease-eradicator.....	61,632	Apr. 2	127	1985
Kea, Fitzhugh L., Adrian, Ga. Hair-tonic and eye-water.....	65,635	Oct. 15	130	2061
Kearney & Co., J., Liverpool, England. Stylographic fountain-pens.....	66,269	Nov. 19	131	936
Kearsarge Peg Company, Bartlett, N. H. Wooden pegs.....	59,257	Jan. 1	126	383
Keatley, John H., Minneapolis, Minn. Cornmeal.....	62,812	May 28	128	1682
Keatley, John H., Minneapolis, Minn. Wheat, Graham, and rye flour.....	62,813	May 28	128	1682
Keene Co. Ltd., New York, N. Y. Remedies for affections of the feet and of excrescences and indurations of the skin.....	64,015	July 16	129	1264
Kehlor Flour Mills Company, St. Louis, Mo.; Kansas City, Kans., and East St. Louis, Ill. Wheat-flour.....	62,942	May 28	128	1685
Keiffer Bros., New Orleans, La. Leather and canvas shoes.....	66,000	Nov. 5	131	354
Keiffer Bros., New Orleans, La. Leather and canvas shoes.....	66,001	Nov. 5	131	354
Keiffer Bros., New Orleans, La. Leather and canvas shoes.....	66,002	Nov. 5	131	354
Keiffer Bros., New Orleans, La. Leather and canvas shoes.....	66,003	Nov. 5	131	354
Keiser, James R., New York, N. Y. Automobile-hoods.....	59,383	Jan. 8	126	749
Kellani-Goller-Land-Co., Lynn, Mass. Women's leather shoes and oxfords.....	63,235	June 11	128	2523
Keller, Levi F., Delaware, Ohio. Certain linen goods.....	62,006	Apr. 16	127	2810
Kelley-Clarke Co., Seattle, Wash. Canned salmon.....	63,313	June 11	128	2525
Kelley, Horatio S., West Dennis, Mass. Perfumes and medicated soap.....	62,071	Apr. 16	127	2811
Kelley-How-Thomson Co., Duluth, Minn. Stoves and ranges.....	63,335	June 18	128	2829
Kelley-How-Thomson Co., Duluth, Minn. Certain cutlery and edge-tools.....	63,395	June 18	128	2831
Kelley-How-Thomson Co., Duluth, Minn. Hammers, screw-drivers, and shovels.....	63,396	June 18	128	2831
Kelley-How-Thomson Co., Duluth, Minn. Laundry appliances and machines.....	63,397	June 18	128	2831
Kelley-How-Thomson Co., Duluth, Minn. Sewing-machines.....	63,398	June 18	128	2831
Kelley-How-Thomson Co., Duluth, Minn. Certain metal goods.....	63,499	June 25	128	3282
Kelley-How-Thomson Co., Duluth, Minn. Lawn-mowers.....	63,500	June 25	128	3282
Kelley-How-Thomson Co., Duluth, Minn. Floor, house, and barn paints and varnishes.....	65,200	Sept. 10	130	652
Kellogg & Hitchcock Co., Syracuse, N. Y. Menthol ice.....	66,270	Nov. 19	131	936
Kellogg, Sylvanus H., Los Angeles, Cal. Insect-paste.....	65,636	Oct. 15	130	2061
Kelly & Co., J. W., Chattanooga, Tenn. Whisky.....	65,806	Oct. 22	130	2367
Kelly & Co., J. W., Chattanooga, Tenn. Whisky.....	65,807	Oct. 22	130	2367
Kelly & Co., Thos., Boston, Mass. Bed and wrapper blankets.....	63,280	June 11	128	2524
Kelly & Jones Company, Pittsburg and Greensburg, Pa. Pipe-unions.....	64,710	Aug. 20	129	3154
Kelly & Jones Company, Pittsburg and Greensburg, Pa. Valves and cocks.....	64,711	Aug. 20	129	3154
Kelly & Jones Company, Pittsburg and Greensburg, Pa. Valves and cocks.....	64,733	Aug. 20	129	3155
Kelly & Jones Company, Pittsburg and Greensburg, Pa. Hose-nozzles.....	64,734	Aug. 20	129	3155
Kelly & Jones Company, Pittsburg and Greensburg, Pa. Valves, cocks, and unions.....	64,735	Aug. 20	129	3155
Kelly & Jones Company, Pittsburg and Greensburg, Pa. Valves and cocks.....	64,736	Aug. 20	129	3155
Kelly & Jones Company, Pittsburg and Greensburg, Pa. Valves and cocks.....	64,737	Aug. 20	129	3155
Kelsch, Joseph M., Lockport, N. Y. Poultry remedies.....	59,258	Jan. 1	126	383
Kendrick & Davis, Lebanon, N. H. Certain watchmakers' hand-tools.....	62,434	May 7	128	450
Kendrick, John R., Philadelphia, Pa. Periodicals, bulletins, and directories.....	62,113	Apr. 16	127	2813
Kensett & Co., Thomas, Baltimore, Md. Canned fruits and vegetables.....	62,661	May 21	128	1286
Kenton Baking Powder Co., Cincinnati, Ohio. Baking-powder.....	59,785	Jan. 15	126	1066
Kenton Baking Powder Company, Cincinnati, Ohio. Baking-powder.....	62,943	May 28	128	1685
Kenton Baking Powder Company, Cincinnati, Ohio. Baking-powder.....	63,198	June 11	128	2522
Kentucky Jeans Clothing Company, Louisville, Ky. Men's and boys' coats, vests, trousers, and overcoats.....	65,562	Oct. 8	130	1683
Kerens Shoe Co., St. Louis, Mo. Leather boots and shoes.....	66,234	Nov. 19	131	935
Kerfoot, Miller and Company, Oklahoma, Okla. Ter. Certain clothing.....	61,383	Mar. 19	127	1248

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Kerr Brothers, Toronto, Ontario, Canada. Butter-scotch.....	66,799	Dec. 31	131	2411
Kerschenmeyer, Grégoire, Luxemburg, Luxemburg. Hemorrhoidal preparations in the form of suppositories, salves, and teas.....	62,284	Apr. 30	127	3036
Ketchum, Frederick M., Arlington, Md. Canned fruits and vegetables.....	62,332	Apr. 30	127	3037
Keuffel & Esser Company, Hoboken, N. J. Drawing-paper.....	61,564	Mar. 26	127	1573
Keuffel & Esser Company, Hoboken, N. J. Drawing-paper.....	61,585	Mar. 26	127	1574
Keystone Catarrh Remedy Co., Belle Vernon, Pa. Salve.....	63,958	July 16	129	1262
Keystone Fence Company, Peoria, Ill. Wire fence.....	62,025	Apr. 16	127	2810
Keystone Fence Company, Peoria, Ill. Wire fence.....	62,313	Apr. 30	127	3637
Keystone Medical Company, Pottsville, Pa. Cathartic tablets.....	64,288	July 30	129	2070
Keystone Mfg. Co., Buffalo, N. Y. Pipe and nut wrenches.....	62,642	May 21	128	1285
Keystone Mfg. Co., Buffalo, N. Y. Certain hand-tools.....	63,021	June 4	128	2079
Keystone Mfg. Co., Buffalo, N. Y. Certain hand-tools.....	63,022	June 4	128	2079
Keystone Stove Foundry, Spring City, Pa. Furnaces, stoves, and ranges.....	65,343	Sept. 17	130	974
Keystone Varnish Co., Brooklyn, N. Y. Finishing product.....	62,662	May 21	128	1286
Keystone Varnish Company, Brooklyn, N. Y. Enamels, both gloss and flat.....	63,625	July 2	129	473
Kieferle, Joseph A., Allegheny, Pa. Polishing-cloths.....	66,025	Nov. 5	131	355
Kilmer & Co., Dr., South Bend, Ind. Headache remedy.....	62,072	Apr. 16	127	2811
Kiloda Chemical Co., New York, N. Y. Disinfectants, deodorizers, and germicides.....	60,840	Feb. 19	126	3028
Kimball & Co., Austin, New York, N. Y. Apples.....	65,401	Sept. 24	130	1304
Kinahan & Company Limited, Dublin, Ireland. Gin.....	61,076	Mar. 5	127	386
King, Brinsmade Mercantile Company, St. Louis, Mo. Silk piece goods and silk ribbon.....	61,384	Mar. 30	127	1248
King, Brinsmade Mercantile Company, St. Louis, Mo. Ladies' and children's felt and straw hats.....	61,902	Apr. 9	127	2389
King & Co., L. C., Frankfort, Ind. Sewing-machines.....	62,294	Apr. 30	127	3636
King Powder Company, Cincinnati, Ohio. Gunpowder.....	62,497	May 7	128	452
King Powder Company, Cincinnati, Ohio. Gunpowder and particularly black sporting-powder.....	63,959	July 16	129	1263
Kingan & Company, Ltd., Belfast, Ireland; Indianapolis, Ind., and Richmond, Va. Smoked and salt meats.....	65,700	Oct. 15	130	2063
Kingan and Company, Limited, Belfast, Ireland; Indianapolis, Ind.; Baltimore, Md., and Richmond, Va. Cured meats and sausage.....	66,686	Dec. 24	131	2139
Kingan and Company, Limited, Belfast, Ireland; Indianapolis, Ind.; Baltimore, Md., and Richmond, Va. Cured, cooked, canned, and salted meats, lard, and sausage.....	66,687	Dec. 24	131	2139
Kingan and Company Limited, Belfast, Ireland; Indianapolis, Ind.; Baltimore, Md., and Richmond, Va. Cured and salted meats.....	66,699	Dec. 24	131	2139
Kingan and Company, Limited, Belfast, Ireland; Indianapolis, Ind.; Baltimore, Md., and Richmond, Va. Cured and salted meats.....	66,700	Dec. 24	131	2139
Kingan and Company, Limited, Belfast, Ireland; Indianapolis, Ind.; Baltimore, Md., and Richmond, Va. Cured meats.....	66,701	Dec. 24	131	2139
Kingman Milling Company, Kingman, Kans. Wheat-flour.....	60,258	Feb. 5	126	2181
Kinney, M. J., Portland, Oreg. Canned salmon.....	59,905	Jan. 22	126	1349
Kinsella Hat Co., Dallas, Tex. Felt hats for men and boys.....	64,115	July 23	129	1605
Kirby Chemical Company, Grand Haven, Mich. Ointment for skin diseases.....	59,292	Jan. 1	126	384
Kirkley, George S., Baltimore, Md. Hair-dressing.....	60,031	Jan. 22	126	1352
Kirschbaum & Co., A. B., Philadelphia, Pa. Coats, trousers, vests, overcoats, and rain-coats.....	61,128	Mar. 5	127	387
Kirschbraun & Sons, Omaha, Nebr. Creamery-butter.....	61,601	Mar. 26	127	1574
Kis-Ko Medicine Company, Chattanooga, Tenn. Blood making, cleansing, and purifying medicine.....	59,514	Jan. 8	126	772
Klaas, Max, New York, N. Y. Razors, knives, scissors, and shears.....	62,538	May 14	128	880
Klaas, Max, New York, N. Y. Knives, razors, scissors, and shears.....	64,928	Aug. 27	129	3498
Klaas, Max, New York, N. Y. Knives, razors, scissors, and shears.....	64,939	Aug. 27	129	3498
Klaas, Max, New York, N. Y. Razors, knives, scissors, and shears.....	65,612	Oct. 8	130	1085
Klaft, Moritz W., Milwaukee, Wis. Soap.....	63,121	June 4	128	2081
Klauber Wangeheim Co., San Diego, Cal. Canned fish and canned oysters.....	60,259	Feb. 5	126	2181
Klein Bros., Cincinnati, Ohio. Whisky.....	59,875	Jan. 22	126	1348
Klein, Jacob, South Omaha, Nebr. Whisky.....	62,556	May 14	128	880
Klinger, Richard, Gumpoldskirchen, near Vienna, Austria-Hungary. Glass tubes for water-gages.....	66,004	Nov. 5	131	354
Knickerbocker Audit Company, New York, N. Y. Pamphlets relating to finance.....	66,440	Nov. 26	131	1157
Knickerbocker Paint Company, New York, N. Y. Mixed paints.....	61,808	Apr. 9	127	2387
Knip, Karl, Newark, N. J. Writing tablets and pads and writing-paper.....	65,653	Oct. 15	130	2062
Knöfer and Company, Dr. O., Ploetzensee, near Berlin, Germany. Certain chemicals.....	60,607	Feb. 12	126	2585
Knoll & Co., Ludwigshafen-on-the-Rhine, Germany. Certain medicinal compounds.....	61,165	Mar. 5	127	388
Knoll & Co., Ludwigshafen, Germany. Medical preparation to be used as an antgonorrhoeic.....	61,255	Mar. 12	127	842
Kny-Scheerer Company, Brooklyn, N. Y. Certain medical and surgical apparatus, appliances, and instruments.....	61,298	Mar. 12	127	843
Kny-Scheerer Company, Brooklyn, N. Y. Knives, chisels, shears, scissors, and razors.....	65,359	Sept. 24	130	1303
Kobayashi, Tomijiro, Tokyo, Japan. Tooth-powder.....	61,013	Feb. 26	126	3419
Koch, George H., New York, N. Y. Antiseptic germicidal liquid.....	59,198	Jan. 1	126	382
Koch, George H., New York, N. Y. Vaginal suppositories.....	59,293	Jan. 1	126	384
Koch, Jonas, New York, N. Y. Certain jewelry.....	65,677	Oct. 15	130	2062
Koch, Theodore F., St. Paul, Minn. Certain waterproofing compound.....	65,505	Oct. 8	130	1682
Koen & Co., U., New Orleans, La. Cigars.....	64,052	July 23	129	1603
Koen & Co., U., New Orleans, La. Cigars.....	64,053	July 23	129	1603
Kohary, Alexander A., Pittsburg, Pa. Cigarette-paper.....	61,859	Apr. 9	127	2388
Kohary, Alexander A., Pittsburg, Pa. Snuff-boxes made of composition material.....	64,836	Aug. 27	129	3495
Kohn Distilling Co., Montgomery, Ala. Gin and whisky.....	60,975	Feb. 26	126	3418
Kohn Distilling Co., Montgomery, Ala. Whisky.....	61,299	Mar. 12	127	843
Kohn Distilling Co., Montgomery, Ala. Whisky.....	61,778	Apr. 2	127	1989
Kohnstamm & Co., H., New York, N. Y. Coal-tar dyes and vegetable dye extracts.....	59,561	Jan. 8	126	754
Kokomo Canning Co. (Inc.), Kokomo, Ind. Canned tomatoes, peas, corn, and beans.....	59,066	Jan. 1	126	378
Kolassa, Michael, Chicago, Ill. Bitter wine.....	62,539	May 14	128	880
Kolb, Frances S., Columbus, Ohio. Muslin undergarments for women.....	61,385	Mar. 19	127	1248
Kolb, Joseph H., Tatamy, Pa. Remedy for the treatment of sore throat.....	64,634	Aug. 13	129	2855
Kolesaver Mfg. Co., New York, N. Y. Compound for the treatment of coal.....	60,199	Jan. 29	126	1771
Konomax Rock Drill Syndicate Limited, Johannesburg, Transvaal. Rock-drilling machines.....	66,593	Dec. 17	131	1955
Kool Metal Manufacturing Company, New York, N. Y. Antiriftion metals.....	65,495	Oct. 8	130	1681
Kops Bros., New York, N. Y. Corsets.....	59,611	Jan. 15	126	1055
Kops Bros., New York, N. Y. Corsets.....	60,757	Feb. 19	126	3036
Kops Bros., New York, N. Y. Corsets.....	65,085	Sept. 3	130	296
Korkemas & Co., R., New York, N. Y. Razors and razor-blades.....	66,198	Nov. 12	131	688
Körting & Mathiesen Aktiengesellschaft, Leutzsch, Germany. Electric lamps of all kinds.....	66,219	Nov. 19	131	935
Kory & Sons, A., New Orleans, La. Overalls, coats, pants, and vests.....	59,330	Jan. 8	126	747
Kory & Sons, A., New Orleans, La. Overalls, coats, pants, and vests.....	59,331	Jan. 8	126	747
Kraeger, Oscar H., New York, N. Y. Leather boots and shoes.....	66,578	Dec. 10	131	1683
Kraemer, Charles, Washington, D. C. Whisky.....	62,156	Apr. 23	127	3210
Krieger Bros., Louisville, Ky. Certain proprietary or pharmaceutical preparation.....	59,984	Jan. 22	126	1351
Krom Soap Company, Atlanta, Ga. Soap.....	64,525	Aug. 13	129	2852
Kron, Rudolf, Golzern, near Grimma, Germany. Certain machinery.....	66,607	Dec. 17	131	1935

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
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Krug & Co., Rheims, France. Champagne-wine.....	66,572	Dec. 10	131	1683
Krug & Co., Rheims, France. Champagne-wine.....	66,573	Dec. 10	131	1683
Kuehnrich, Paul R., Sheffield, England. Steel ingots and bars, draw-plates, and wories.....	66,330	Nov. 19	131	938
Kumberger & Vreeland, New York, N. Y. Stationary gas-engines.....	65,214	Sept. 10	130	652
Kumberger & Vreeland, New York, N. Y. Marine gasoline-engines.....	66,331	Nov. 19	131	938
Kuhn, Louis, Chicago, Ill. Bread.....	59,445	Jan. 8	126	751
Krusen, George C., Philadelphia, Pa. Certain medicines.....	62,814	May 28	128	1682
Kuehl, Joseph G., Toledo, Ohio. Certain proprietary medicine.....	62,862	May 28	128	1683
Kunstader Bros., Chicago, Ill. Waist-belts.....	63,366	June 18	128	2830
Küpper's Metallwerke Gesellschaft mit beschränkter Haftung, Bonn, Germany. Liquid preparations for soldering and coating metals.....	63,910	July 16	129	1261
Kuskuna, Joseph, New York, N. Y. Hair-tonics, shampoo, and hair-restorers.....	62,604	May 14	128	881
L. Adler Bros. & Co., Rochester, N. Y. Coats, overcoats, vests, and trousers.....	66,879	Dec. 31	131	2413
L. Hartman Co., Chicago, Ill. Whisky.....	60,770	Feb. 19	126	3036
L. Hess & Co., Inc., New York, N. Y. White and colored cotton cloth.....	66,470	Dec. 3	131	1417
L. Sonneborn Sons, Inc., New York, N. Y. Paint.....	62,512	May 14	128	879
L. E. Waterman Company, New York, N. Y. Fountain-pens, feeds, caps, and barrels therefor.....	59,703	Jan. 15	126	1058
L. C. Page & Company (Inc.), Boston, Mass. Narrative and story books.....	59,826	Jan. 22	126	1347
L. J. Mueller Furnace Company, Milwaukee, Wis. Radiator air-valves and damper-clips.....	60,533	Feb. 12	126	2553
L. J. Mueller Furnace Company, Milwaukee, Wis. Furnaces, heaters, and boilers.....	65,232	Sept. 10	130	632
L. & J. G. Stickley Inc., Fayetteville, N. Y. Certain furniture.....	62,578	May 14	128	881
L. S. Watson Manuf'g Co., Leicester, Mass. Cards for carding cotton.....	59,484	Jan. 8	126	752
L'Opinione Italian Publishing Co., Philadelphia, Pa. Newspaper.....	63,099	June 4	128	2081
La Belle Iron Works, Steubenville, Ohio. Certain sheet metal and piping.....	65,360	Sept. 24	130	1303
La Crosse Plow Co., La Crosse, Wis. Certain agricultural machinery.....	63,529	June 25	128	3282
La Crosse Plow Company, La Crosse, Wis. Disk plows.....	63,501	June 25	128	3282
La Crosse Plow Company, La Crosse, Wis. Seeding-machines and grain-drills.....	63,502	June 25	128	3282
La Grange Saddlery Company, Lagrange, Tex. Saddles and harness.....	60,534	Feb. 12	126	2583
Labauve & Co., Royé, Beaune, France. Wines.....	66,350	Nov. 19	131	938
Labrot & Graham, Frankfort, Ky. Whisky.....	62,906	May 28	128	1684
Lacroix & Cie., H., Paris, France. Basic salt of quinin.....	65,167	Sept. 10	130	651
Lacroix, Jeanne M., Paris, France. Corsets.....	59,612	Jan. 15	126	1055
Lactobacilline Company, New York, N. Y. Milk.....	61,351	Mar. 19	127	1247
Lactobacilline Company, New York, N. Y. Milk.....	61,352	Mar. 19	127	1247
Ladd & Coffin, New York, N. Y. Perfumes, toilet waters, toilet powders, and sachets.....	63,781	July 9	129	864
Ladd, John H., London, England. Incandescent gas-mantles.....	62,663	May 21	128	1286
Ladyware Co., New York, N. Y. Shirt-waists.....	59,639	Jan. 15	126	1056
Lafayette Suspender Company, Easton, Pa. Suspenders.....	65,962	Nov. 5	131	353
Lafin & Rand Powder Company, New York, N. Y. Powder.....	61,980	Apr. 16	127	2809
Lafin & Rand Powder Company, New York, N. Y. Powder.....	61,981	Apr. 16	127	2809
Lafin & Rand Powder Company, New York, N. Y. Powder.....	61,982	Apr. 16	127	2809
Lafin & Rand Powder Company, New York, N. Y. Powder.....	61,983	Apr. 16	127	2809
Lafin & Rand Powder Company, New York, N. Y. Powder.....	61,984	Apr. 16	127	2809
Lafin & Rand Powder Company, New York, N. Y. Powder.....	61,988	Apr. 16	127	2809
Lambert, Daniel J., Apponaug, R. I., assignor to O. K. Stock Food Company, Chicago, Ill. Insecticides.....	59,583	Jan. 8	126	754
Lammertz, Leo, Aix-la-Chapelle, Germany. Sewing-machine needles.....	64,364	Aug. 6	129	2494
Lamphear, Benjamin O., Wheeling, W. Va. Certain medicinal preparation.....	61,300	Mar. 12	127	843
Lamson & Hubbard, Boston, Mass. Certain headwear.....	65,530	Oct. 8	130	1682
Lamson & Hubbard, Boston, Mass. Certain headwear.....	65,531	Oct. 8	130	1682
Lamson & Hubbard, Boston, Mass. Certain headwear.....	65,532	Oct. 8	130	1682
Lamson & Hubbard, Boston, Mass. Certain headwear.....	65,533	Oct. 8	130	1682
Lamson & Hubbard, Boston, Mass. Certain headwear.....	65,563	Oct. 8	130	1683
Lamson, John S., Jr., Summit, N. J. Dust-preventive.....	65,637	Oct. 15	130	2061
Landers, Frary & Clark, New Britain, Conn. Knives, forks, spoons, table-steels, nut-picks, and cheese-scoops.....	60,330	Feb. 5	126	2183
Landesman Hirschheimer Company, Cleveland, Ohio. Ladies' cloaks, outer suits, and outer skirts.....	66,880	Dec. 31	131	2413
Lane & Company, R. H., Toledo, Ohio. Boys' youths', and men's leather shoes.....	63,236	June 11	128	2523
Lang, Henry J., deceased; Sue E. Lang, executrix, assignor to H. J. Lang Shoe Company, Pittsburgh, Pa. Leather boots and shoes.....	66,765	Dec. 24	131	2141
Lang, Henry J., deceased; Sue E. Lang, executrix, assignor to H. J. Lang Shoe Company, Pittsburgh, Pa. Leather boots and shoes.....	66,766	Dec. 24	131	2141
Lang Shoe Company, H. J. (See Lang, Henry J., assignor.)				
Lang, Sue E., executrix. (See Lang, Henry J.)				
Langendorf Watch Co., Langendorf, Switzerland. Watches, watchcases, and watch-movements.....	61,129	Mar. 5	127	387
Langendorf Watch Co., Langendorf, Switzerland. Watches, watchcases, and watch-movements.....	61,130	Mar. 5	127	387
Langendorf Watch Co., Langendorf, Switzerland. Watches, watchcases, and watch-movements.....	61,131	Mar. 5	127	387
Langendorf Watch Co., Langendorf, Switzerland. Watches, watchcases, and watch-movements.....	61,132	Mar. 5	127	387
Langendorf Watch Co., Langendorf, Switzerland. Watches, watchcases, and watch-movements.....	61,133	Mar. 5	127	387
Langendorf Watch Co., Langendorf, Switzerland. Watches, watchcases, and watch-movements.....	61,166	Mar. 5	127	388
Langendorf Watch Co., Langendorf, Switzerland. Watches, watchcases, and watch-movements.....	61,167	Mar. 5	127	388
Langendorf Watch Co., Langendorf, Switzerland. Watches, watchcases, and watch-movements.....	62,314	Apr. 30	127	3637
Langendorf Watch Co., Langendorf, Switzerland. Watches, watchcases, and watch-movements.....	62,325	Apr. 30	127	3637
Langendorf Watch Co., Langendorf, Switzerland. Watches, clocks, and clockworks.....	64,593	Aug. 13	129	2853
Langsdorf, Charles C., New York, N. Y. Medicine for constipation.....	60,608	Feb. 12	126	2585
Lanson Pere & Fils, Rheims, France. Champagnes.....	60,902	Feb. 26	126	3416
Lanza Silk Company, Hazleton, Pa. Silk fabrics.....	61,779	Apr. 2	127	1989
Lappe, Christian E., Allegheny, Pa. Shoe-leather.....	62,133	Apr. 23	127	3209
Lappe, Th., Neudietendorf, Germany. Stomach-bitters.....	61,168	Mar. 5	127	388
Larabee, F. S. & F. D., Stafford, Kans. Flour made from toasted corn.....	59,259	Jan. 1	126	383
Larned, Carter & Co., Detroit, Mich. Leather and kid gloves.....	59,406	Jan. 8	126	749
Larned Carter & Co., Detroit, Mich. Coats, pants, overalls, and blouses.....	60,032	Jan. 22	126	1352
Larter & Sons, Newark, N. J. Certain named jewelry.....	59,485	Jan. 8	126	752
Larvill, Theodore W., Henderson, Tenn. Medicinal preparation for coughs, colds, and croup.....	61,756	Apr. 2	127	1988
Laskaris & Co., James P., Wilmington, Del. Candies.....	62,114	Apr. 16	127	2813
Laskaris & Co., James P., Wilmington, Del. Candies.....	62,115	Apr. 16	127	2813
Lataille, Joseph, Southbridge, Mass. Remedy for piles.....	60,852	Feb. 19	126	3038
Latham, Tom B., Brownwood, Tex. Hair tonics and renewers.....	66,628	Dec. 17	131	1936
Latimer & Co., Robt. L., Philadelphia, Pa. Silk bolting-cloth.....	65,068	Sept. 3	130	296
Latrobe Steel and Coupler Company, Philadelphia, Pa. Certain railway equipment.....	60,535	Feb. 12	126	2583
Latrobe Steel and Coupler Company, Philadelphia, Pa. Certain machinery parts.....	60,536	Feb. 12	126	2583
Laubach, Thomas F., New York, N. Y. Cider.....	64,365	Aug. 6	129	2494
Laubach, Thomas F., New York, N. Y. Certain medicines.....	66,367	Nov. 26	131	1155
Laughton, Joseph B., Westfield, Mass. Inking-pads.....	60,431	Feb. 5	126	2186
Laundry Blue Co., Chicago, Ill. Washing compounds.....	62,333	Apr. 30	127	3637
Laundry Novelty Company, Detroit, Mich. Pads for flat-irons.....	62,073	Apr. 16	127	2811

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Lautemann, Henry L., Newark, N. J. Proprietary medicine.....	63,434	June 18	128	2832
Lavalette & Cie., New York, N. Y., and Paris, France. Magnetos.....	64,035	July 23	129	1603
Law, Hartland, Herbert E. Law, San Francisco, Cal. Remedies for diseases of women.....	63,595	June 25	128	3284
Law, Hartland, Herbert E. Law, San Francisco, Cal. Tonic.....	66,749	Dec. 24	131	2141
Lawrence & Hamilton, New Orleans, La. Mixed feed composed of oats and corn.....	64,311	July 30	129	2071
Lawson, Esther, Moline, Ill. Salve for the cure of eczema and kindred diseases.....	61,668	Apr. 2	127	1986
Lawson, George H., Hartford, Conn. Remedies for the cure of blood, liver, and kidney diseases.....	61,708	Apr. 2	127	1987
Lawton & Hall, Chicago, Ill. Umbrellas.....	60,938	Feb. 26	126	3417
Lawton & Hall, Chicago, Ill. Certain rubber clothing.....	61,602	Mar. 26	127	1574
Lawton & Hall, Chicago, Ill. Certain clothing.....	63,782	July 9	129	864
Lawton, Jenkins M., New York, N. Y. Hair, flesh, and tooth brushes.....	66,721	Dec. 24	131	2140
Lay and Balcom Manufacturing Co., Port Allegany, Pa. Butter-dishes.....	62,944	May 28	128	1685
Layat, Joseph M., St. Louis, Mo. Certain toilet preparations.....	60,633	Feb. 12	126	2586
Lazarakis, John F., Lowell, Mass. Cigarettes.....	60,939	Feb. 26	126	3417
Lazarus & Nassauer, Cairo, Ill. Whisky.....	60,771	Feb. 19	126	3036
Lazarus-Nassauer Co., Cairo, Ill. Whisky.....	66,299	Nov. 19	131	937
Lazell, Dalley & Co. Incorporated, New York, N. Y. Perfumes and certain named toilet preparations.....	59,260	Jan. 1	126	383
Le Compte, Benjamin W., Galveston, Tex. Whisky.....	61,565	Mar. 26	127	1573
Le Compte & Gayle Company, Frankfort, Ky. Blood and nerve tonic.....	64,681	Aug. 20	129	3153
Le Compte & Gayle Company, Frankfort, Ky. Certain remedy.....	65,638	Oct. 15	130	2061
Le Ripolin (Société Anonyme Française de peintures Laquées et d'enduits sous-marins procédés Lefranc & Briegleb réunis), Paris, France, and Amsterdam, Netherlands. Enamel paint.....	61,062	Mar. 5	127	385
"Le Ripolin," (Société Anonyme Française de Peintures Laquées et d'Enduits Sous-Marins, Procédés Lefranc & Briegleb Réunis), Paris, France. Mixed paints and varnishes.....	63,314	June 11	128	2525
Leadite Company of America, Philadelphia, Pa. Cement compounds for making pipe-joints.....	61,669	Apr. 2	127	1986
Lee, Ashton. (See Junginger, Ernst, assignor.)				
Lee Broom & Duster Company, Lincoln, Nebr. Brooms and whisk-brooms.....	62,116	Apr. 16	127	2813
Lee Broom & Duster Company, Lincoln, Nebr. Brooms.....	64,494	Aug. 13	129	2851
Lee Broom & Duster Company, Lincoln, Nebr. Brooms.....	64,495	Aug. 13	129	2851
Lee Broom & Duster Company, Lincoln, Nebr. Brooms.....	64,496	Aug. 13	129	2851
Lee Broom & Duster Company, Lincoln, Nebr. Brooms.....	64,497	Aug. 13	129	2851
Lee Broom & Duster Company, Lincoln, Nebr. Brooms.....	65,022	Sept. 3	130	294
Lee Broom & Duster Company, Lincoln, Nebr. Brooms.....	65,654	Oct. 15	130	2062
Lee, Edwin H., Detroit, Mich. Chewing-gum.....	65,402	Sept. 24	130	1304
Lee, Frank, Newport News, Va. Paste soaps.....	60,391	Feb. 5	126	2184
Leechburg Oil and Paint Company, Leechburg, Pa. Axle-grease.....	63,960	July 16	129	1263
Leek, John H., New York, N. Y. Razor-paste.....	61,809	Apr. 9	127	2387
Leerburger, David, New York, N. Y. Men's and boys' coats, vests, trousers, and overcoats.....	64,594	Aug. 13	129	2853
Leerburger & Hessel, New York, N. Y., assignors to Holmes Silk Company, Paterson, N. J. Silk piece goods.....	63,237	June 11	128	2523
Leeson, John, Cadillac, Mich. Certain medicine.....	64,682	Aug. 20	129	3153
Lefebvre Ledger Company, Cedar Rapids, Iowa. Ledgers.....	64,002	July 16	129	1264
Lefranc & Co., Paris, France. Driers for paints and varnishes.....	63,174	June 11	128	2522
Lefranc & Co., Paris, France. Paints.....	63,470	June 25	128	3281
Legain, Joseph L., Springfield, Mass. Flavorings for candy, pastry, ice-cream, and beverages.....	64,066	July 23	129	1604
Leggett & Brother, New York, N. Y. Insecticide-distributors.....	66,425	Nov. 26	131	1157
Leggett & Brother, New York, N. Y. Insecticide-distributors.....	66,441	Nov. 26	131	1157
Leggett & Brother, New York, N. Y. Insecticides.....	66,722	Dec. 24	131	2140
Lehigh Valley Silk Mills, South Bethlehem, Pa. Silk dress goods.....	61,484	Mar. 26	127	1571
Lehmann, Ernst P., Brandenburg-on-the-Havel, Germany. Sheet-metal and mechanical toys.....	60,925	Feb. 26	126	3417
Leidiger Brewing Co., Merrill, Wis. Lager-beer.....	61,256	Mar. 12	127	842
Leighton, Richard B. H., Chattanooga, Tenn. Certain medicines.....	65,639	Oct. 15	130	2061
Lenkard & Co., Earle A., Wheeling, W. Va. Stogies.....	65,757	Oct. 22	130	2366
Lent, Burrell L., Binghamton, N. Y. Starch polish.....	62,897	May 28	128	1684
Leo Rex Canning & Preserving Co., New York, N. Y. Canned vegetables and canned and preserved fruits.....	64,425	Aug. 6	129	2495
Leon C. Magaw Cheese Company, Meadville, Pa. Cheese.....	64,738	Aug. 20	129	3155
Leonard & Co., George H., Boston, Mass. Certain vegetable materials.....	60,659	Feb. 19	126	3033
Leonard, Shaw & Dean, Boston, Mass. Leather boots and high and low cut leather shoes.....	63,238	June 11	128	2523
Leonardi, Sydney B., Tampa, Fla. Certain medicines.....	64,635	Aug. 13	129	2855
Leonardi, Sydney B., Tampa, Fla. Certain medicines.....	64,645	Aug. 13	129	2855
Leonhardt, Frederick H., New York, N. Y. Toilet lotion used for deodorizing purposes.....	59,541	Jan. 8	126	753
Leopold, Solomon and Eisendrach, Chicago, Ill. Coats, vests, trousers, and overcoats.....	65,277	Sept. 17	130	972
Lepper, H. Hatten, Chicago, Ill. Certain pharmaceutical preparations.....	66,750	Dec. 24	131	2141
Leprieux, Maurice, Paris, France. Pills for the cure of dyscrasical and dystrophical diseases.....	65,301	Sept. 17	130	972
Lerch & Co., P. W., South Canaan, Pa. Salve.....	66,751	Dec. 24	131	2141
Les Etablissements Poulenc Frères, Paris, France. Anesthetic preparation.....	59,228	Jan. 1	126	382
Leshar-Raig Knitting Company, Limited, Reamstown, Pa. Knitted underwear.....	64,223	July 30	129	2068
Lester Clay Co., Jacksonville, Fla. Fullers' earth.....	64,498	Aug. 13	129	2851
Letzelter, Michael, Pittsburg, Pa. Whisky.....	60,718	Feb. 19	126	3035
Letzelter, Michael, Pittsburg, Pa. Whisky.....	60,719	Feb. 19	126	3035
Letzelter, Michael, Pittsburg, Pa. Whisky.....	60,720	Feb. 19	126	3035
Letzelter, Michael, Pittsburg, Pa. Whisky.....	61,169	Mar. 5	127	388
Leumann, Boesch & Weingart, New York, N. Y. Corset-covers and petticoats.....	60,558	Feb. 12	126	2584
Lever Brothers Company, Portland, Me., and Cambridge, Mass. Soap.....	59,030	Jan. 1	126	377
Lever Brothers Company, Portland, Me., and Cambridge, Mass. Soap.....	59,031	Jan. 1	126	377
Lever Brothers Company, Portland, Me., and Cambridge, Mass. Soap and soap powder.....	59,032	Jan. 1	126	377
Lever Brothers Company, Portland, Me., and Cambridge, Mass. Soap.....	59,033	Jan. 1	126	377
Lever Brothers Company, Portland, Me., and Cambridge, Mass. Soap.....	59,034	Jan. 1	126	377
Lever Brothers Company, Portland, Me., and Cambridge, Mass. Soap.....	60,260	Feb. 5	126	2181
Lever Brothers Company, Portland, Me., and Cambridge, Mass. Cleaning, polishing, or scouring preparation in powdered form.....	60,261	Feb. 5	126	2181
Lever Brothers Company, Portland, Me., and Cambridge, Mass. Soap powder.....	63,471	June 25	128	3281
Lever Brothers Company, Portland, Me., and Cambridge, Mass. Soap.....	66,442	Nov. 26	131	1157
Lever Brothers Company, Cambridge, Mass. Soap.....	59,446	Jan. 8	126	751
Lever Brothers Company, Cambridge, Mass. Soap.....	61,633	Apr. 2	127	1985
Levering Coffee Co., Baltimore, Md. Coffee.....	60,103	Jan. 29	126	1768
Levering Coffee Co., Baltimore, Md. Coffee.....	60,104	Jan. 29	126	1768
Levering Coffee Co., Baltimore, Md. Tea.....	60,105	Jan. 29	126	1768
Levering Coffee Co., Baltimore, Md. Coffee.....	65,830	Oct. 22	130	2368
Levey Brothers & Company, Indianapolis, Ind. Certain paper manufactures.....	59,853	Jan. 22	126	1348
Levey, Harry, New York, N. Y. Women's and children's dresses.....	59,332	Jan. 8	126	747
Levi, Jacob, Paterson, N. J. Certain shirts, overalls, and pantaloons.....	61,077	Mar. 5	127	386
Levi Strauss & Co., San Francisco, Cal. Stockings.....	61,241	Mar. 12	127	841
Levin, Isidor, Philadelphia, Pa. Smoked sardines.....	64,739	Aug. 20	129	3155

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Name, residence, and title.	No.	Date.	Official Gazette.	
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Levin, Isidor, Philadelphia, Pa. Smoked sardines.....	64,740	Aug. 20	129	3155
Levin, Isidor, Philadelphia, Pa. Smoked sardines.....	64,741	Aug. 20	129	3155
Levinkind, Hyman, Chicago, Ill. Whisky.....	60,841	Feb. 19	126	3038
Levison & Blythe Manufacturing Company, St. Louis, Mo. Steel pens.....	63,175	June 11	128	2522
Levy, Ernest & Herman, New York, N. Y. Ribbons.....	60,070	Jan. 29	126	1767
Lewenthal, Julius, Sonora, Tex. Remedy for screw-worms.....	63,552	June 25	128	3283
Lewin, Adolph L., Pittsburg, and Greene county, Pa. Whisky.....	60,216	Jan. 29	126	1771
Lewis, Abraham, deceased, Chicago, Ill.; L. Lewis, administrator. Smoothing compounds for irons.....	60,634	Feb. 12	126	2586
Lewis & Company, David W., New York, N. Y. Butter.....	61,225	Mar. 12	127	841
Lewis & Company, David W., New York, N. Y. Butter.....	62,056	Apr. 16	127	2811
Lewis Company, E. F., Madrid, N. Y. Insecticides and disinfectants.....	60,034	Jan. 22	126	1352
Lewis, Israel, Newark, N. J. Cigars and stogies.....	60,132	Jan. 29	126	1769
Lewis, Israel, Newark, N. J. Cigars.....	60,152	Jan. 29	126	1769
Lewis, Lazarus, administrator. (See Lewis, Abraham.).....				
Lewis, William E., Joplin, Mo. Certain medicinal compounds.....	64,261	July 30	129	2069
Lewis, William E., Joplin, Mo. Antiseptic wash.....	64,262	July 30	129	2069
Libby, McNeill & Libby, Chicago, Ill. Corned beef and roast beef.....	66,800	Dec. 31	131	2411
Liberty Maccheroni Mfg. Co., Buffalo, N. Y. Macaroni and vermicelli.....	65,534	Oct. 8	130	1682
Lichtenstein, Max, Jerome, Ariz. Ter. Remedies for certain named diseases.....	60,444	Feb. 5	126	2186
Lichterman & Judd, Brooklyn, N. Y. Tonics for rheumatism.....	66,842	Dec. 31	131	2412
Lidgerwood Mfg. Co., New York, N. Y. Hoisting-engines.....	65,361	Sept. 24	130	1303
Liebenthal Bros. & Co., Cleveland, Ohio. Brandy, cordial, whisky, and gin.....	61,993	Apr. 16	127	2809
Liebermann, Joseph M., New York, N. Y. Restorative and nutritive tonic.....	61,735	Apr. 2	127	1988
Liebscher, F. & E., New York, N. Y. Stove-polish and metal-polish.....	66,411	Nov. 26	131	1156
Lilienthal, Henry L., Spokane, Wash. Oil-pavements.....	64,837	Aug. 27	129	3495
Lilly Varnish Company, Indianapolis, Ind. Thinners or solvents.....	61,634	Apr. 2	127	1985
Lilly Varnish Company, Indianapolis, Ind. Certain wood-finish.....	65,678	Oct. 15	130	2062
Lincoln Overall and Shirt Co., Lincoln, Nebr. Ladies' aprons.....	63,783	July 9	129	864
Lincoln Waterproof Cloth Co., Bound Brook, N. J. Paint.....	64,499	Aug. 13	129	2851
Lincoln Waterproof Cloth Co., Bound Brook, N. J. Certain roofing.....	65,446	Sept. 24	130	1305
Lindeman, Harry F., Baltimore, Md. Specific for the cure of external and internal pains.....	60,414	Feb. 5	126	2155
Lindenmeyr & Sons, Henry, New York, N. Y. Writing-paper.....	59,827	Jan. 22	126	1347
Lindenmeyr & Sons, Henry, New York, N. Y. Writing-paper.....	59,828	Jan. 22	126	1347
Lindenmyer & Sons, Henry, New York, N. Y. Writing-paper.....	60,164	Jan. 29	126	1770
Linderman, Frank M., Chicago, Ill. Lubricating compounds.....	64,171	July 30	129	2067
Lindsay Light Company, Chicago, Ill. Incandescent gas-lamp parts and incandescent mantles.....	63,608	July 2	129	473
Lindt, A. & W., Berne, Switzerland. Cocos, chocolate, and preparations thereof.....	59,229	Jan. 1	126	382
Link-Belt Company, Chicago, Ill.; Philadelphia, Pa., and Indianapolis, Ind. Drive-chains, conveyer-chains, and chain cables.....	62,988	June 4	128	2078
Link-Belt Company, Chicago, Ill.; Philadelphia, Pa., and Indianapolis, Ind. Drive-chains and conveyer-chains.....	63,003	June 4	128	2078
Link-Belt Company, Chicago, Ill.; Philadelphia, Pa., and Indianapolis, Ind. Drive-chains and conveyer-chains.....	63,004	June 4	128	2078
Link-Belt Company, Chicago, Ill.; Philadelphia, Pa., and Indianapolis, Ind. Drive-chains and conveyer-chains.....	63,052	June 4	128	2079
Link-Belt Company, Chicago, Ill.; Philadelphia, Pa., and Indianapolis, Ind. Drive-chains, conveyer-chains, and chain cables.....	63,503	June 25	128	3282
Link-Belt Company, Chicago, Ill.; Philadelphia, Pa., and Indianapolis, Ind. Conveyer-chains and drive-chains.....	63,504	June 25	128	3282
Link-Belt Company, Chicago, Ill.; Philadelphia, Pa., and Indianapolis, Ind. Certain machinery and parts thereof.....	63,609	July 2	129	473
Linn & Son, Geo. W., Chicago, Ill. Butter.....	59,199	Jan. 1	126	382
Lipman, Albert, Cincinnati, Ohio. Whisky.....	61,709	Apr. 2	127	1987
Lippincott, Thos. E., St. Louis, Mo. Aerated waters, juices, syrups, extracts, and tonics for flavoring same.....	65,157	Sept. 10	130	650
Littauer Oil Company, Union township, Hudson county, N. J. Cotton-seed salad and cooking oil.....	64,940	Aug. 27	129	3498
Little, Alexander E., Lynn, Mass. Milk, cream, and butter.....	62,579	May 14	128	881
Little & Company, A. E., Lynn, Mass. Boots and shoes made in whole or in part of leather.....	60,903	Feb. 26	126	3416
Little-Paton, Mary, Longbeach, Cal. Dry cleaning compound for the hair.....	64,475	Aug. 6	129	2497
Littlefield & Steere Co., Knoxville, Tenn. Candies of all kinds.....	64,363	Aug. 6	129	2494
Littlefield & Steere Co., Knoxville, Tenn. Candies of all kinds.....	66,519	Dec. 10	131	1681
Littlejohn & Co., L., New York, N. Y. Gambier.....	66,104	Nov. 12	131	685
Livlar & Co., J., Canton, Miss. Whisky.....	59,085	Jan. 1	126	379
Livmore & Knight Co., Providence, R. I. Decorative lamp-shades.....	64,790	Aug. 20	129	3156
Livingston, Margaret M. D., Chicago, Ill. Muscle and nerve remedy.....	65,302	Sept. 17	130	973
Lloyd Bros., Lestershire, N. Y. Bread.....	65,138	Sept. 10	130	650
Lloyd Brothers, Cincinnati, Ohio. Medicated soap.....	62,074	Apr. 16	127	2811
Lobel, Abraham D., New York, N. Y. Suspenders.....	59,067	Jan. 1	126	378
Locke Shoe Company, Wheeling, W. Va. Leather boots and shoes.....	59,486	Jan. 8	126	752
Locke Shoe Company, Wheeling, W. Va. Leather boots and shoes.....	62,134	Apr. 23	127	3209
Lockhart & Co., W. F., Boston, Mass. Chairs, tables, commodes, dressers, bureaus, and wardrobes.....	60,795	Feb. 19	126	3037
Lockland Lumber Co., Lockland, Ohio. Refrigerators.....	66,723	Dec. 24	131	2140
Lockwood, Henry B., Philadelphia, Pa. Cigars.....	60,537	Feb. 12	126	2583
Locomobile Company of America, Bridgeport, Conn. Automobiles.....	59,355	Jan. 8	126	748
Loders & Nucoline, Limited, London, England. Butter and oil obtained from cocoanut.....	64,067	July 23	129	1604
Lodor, Napoleon, Chattanooga, Tenn. Bearing metals.....	59,333	Jan. 8	126	745
Lodor, Napoleon, Chattanooga, Tenn. Carbonated tonic beverages.....	59,888	Jan. 22	126	1349
Loeser & Co., Frederick, New York, N. Y. Hosiery.....	63,005	June 4	128	2078
Loeser & Co., Frederick, New York, N. Y. Perfumes, toilet waters, and perfumery extracts.....	65,565	Oct. 8	130	1683
Loewenstein, Hermann, New York, N. Y. Upper-leather for shoes.....	60,345	Feb. 5	126	2183
Long, Alpheus C., Paris, Ill. Remedy for catarrh, consumption, indigestion, and constipation.....	63,961	July 16	129	1263
Long, David D., Oswego, N. Y. Candy.....	64,941	Aug. 27	129	3498
Lonke, John, New York, N. Y. Piece goods or cloths.....	59,068	Jan. 1	126	378
Lonke, John, New York, N. Y. Bolted cotton dress goods and linings.....	60,133	Jan. 29	126	1769
Lonke, John, New York, N. Y. Certain wooden boards.....	65,655	Oct. 15	130	2062
Lonke, John, Brooklyn, N. Y. Certain piece goods.....	63,680	July 2	129	475
Loomis, George D., Tiffin, Ohio. Well-drilling machines.....	59,069	Jan. 1	126	378
Loonen, Charles, Paris, France. Nail-brushes.....	66,300	Nov. 19	131	937
Loopuyt & Co., P., Schiedam, Netherlands. Gin.....	66,579	Dec. 10	131	1683
Lopard, Nicholas, New York, N. Y. Egg-shampoo, cold and face-massage creams.....	62,222	Apr. 23	127	3211
Lopas Company, Boston, Mass. Certain saponaceous and alkaline compounds.....	63,336	June 18	128	2829
Lorch & Company, A. T., De Haven, Pa. Plants and cut flowers.....	62,513	May 14	128	879
Lord Company, H. T., Manchester, N. H. Stimulant for external and internal use.....	62,815	May 28	128	1682
Lord & Taylor, New York, N. Y. Hosiery.....	61,276	Mar. 12	127	842

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Lord & Taylor, New York, N. Y. Hosiery.....	62,754	May 21	128	1288
Lord & Taylor, New York, N. Y. Hosiery.....	62,842	May 28	128	1682
Lord & Taylor, New York, N. Y. Hosiery.....	62,843	May 28	128	1682
Lord & Taylor, New York, N. Y. Hosiery.....	62,863	May 28	128	1683
Lord & Taylor, New York, N. Y. Certain brushes and brooms.....	65,566	Oct. 8	130	1683
Lord & Taylor, New York, N. Y. Hosiery.....	66,368	Nov. 26	131	1155
Lord & Taylor, New York, N. Y. Hosiery.....	66,369	Nov. 26	131	1155
Lord & Taylor, New York, N. Y. Hosiery.....	66,370	Nov. 26	131	1155
Lord & Taylor, New York, N. Y. Hosiery.....	66,371	Nov. 26	131	1155
Lorenz, Peter C., New York, N. Y. Certain named surgical instruments.....	59,999	Jan. 22	126	1352
Los Angeles Olive Growers Association, Los Angeles, Cal. Soap.....	66,220	Nov. 19	131	935
Lotzes Sons & Company, A., Cincinnati, Ohio. Certain heating and ventilating apparatus.....	63,122	June 4	128	2081
Louch, Augustine & Co., Seattle, Wash. Hams, shoulders, bacon, lard, and sausages.....	59,447	Jan. 8	126	751
Louis Bergdoll Brewing Company, Philadelphia, Pa. Lager-beer.....	66,864	Dec. 31	131	2413
Louis Kindling Co., Milwaukee, Wis. Cigars.....	66,710	Dec. 24	131	2140
Louisville Dental Laboratory & Mfg. Co., Louisville, Ky. Dental alloy.....	61,392	Mar. 19	127	1248
Loverin and Browne Company, Chicago, Ill. Washing-powder.....	64,016	July 16	129	1264
Lovett & Co., W. A., Cape May, N. J. Harness and leather dressings.....	59,876	Jan. 22	126	1348
Low, Abbot A., Brooklyn, N. Y. Electrically-heated soldering-irons, sad-irons, and branding-irons.....	66,332	Nov. 19	131	938
Lowe Bros. Co., Dayton, Ohio. Certain paints and painters' materials.....	64,985	Sept. 3	130	294
Lowe Brothers Company, Dayton, Ohio. Certain paints and painters' materials.....	65,447	Sept. 24	130	1305
Lowe, William T. J., Buffalo, N. Y. Spoon fishing-bait.....	64,896	Aug. 27	129	3497
Lowrie, Alfred W., Hartford, Conn. Liniment and salve.....	60,415	Feb. 5	126	2185
Lucell Bros., New York, N. Y. Boys' blouses and waists.....	59,704	Jan. 15	126	1058
Lucas & Co., John, Philadelphia, Pa. Certain paints and painters' materials.....	59,889	Jan. 22	126	1349
Lucas & Co., John, Philadelphia, Pa. White lead and white paint.....	59,890	Jan. 22	126	1349
Lucas & Co., John, Philadelphia, Pa. Varnish-stains.....	60,071	Jan. 29	126	1767
Lucas & Co., John, Philadelphia, Pa. White zinc.....	60,277	Feb. 5	126	2181
Lucas & Co., John, Philadelphia, Pa. White zinc.....	60,278	Feb. 5	126	2181
Lucas & Co., John, Philadelphia, Pa. Composition for removing paint and varnish.....	61,467	Mar. 26	127	1571
Lucas & Co., John, Philadelphia, Pa. Varnishes and japans.....	61,468	Mar. 26	127	1571
Lucas & Co., John, Philadelphia, Pa. Paint used for finishing purposes.....	61,469	Mar. 26	127	1571
Lucas & Co., John, Philadelphia, Pa. Green paint.....	64,036	July 23	129	1603
Lucas & Co., John, Philadelphia, Pa. Certain paints and painters' materials.....	64,742	Aug. 20	129	3155
"Lucerna" Anglo-Swiss Milk Chocolate Co., Hochdorf-Lucerne, Switzerland. Chocolate, cocoa, and bonbons.....	61,528	Mar. 26	127	1572
"Lucerna" Anglo-Swiss Milk Chocolate Co., Hochdorf, Switzerland. Chocolate and cocoa.....	63,100	June 4	128	2081
"Lucerna" Anglo-Swiss Milk Chocolate Co., Hochdorf, Switzerland. Chocolate and cocoa.....	63,101	June 4	128	2081
Luddy & Currier, Boston, Mass. Leather boots and shoes.....	60,365	Feb. 5	126	2184
Luddy & Currier, Lynn, Mass. Leather boots and shoes.....	66,767	Dec. 24	131	2141
Luder, Friedrich, Mount Horeb, Wis. Cheese.....	62,592	May 14	128	881
Ludorff, Albert, New York, N. Y. Certain beverages.....	60,432	Feb. 5	126	2186
Ludwig, Ernest C., Allegheny, Pa. Flower-seeds.....	65,773	Oct. 22	130	2366
Luhrig Coal Co., Cincinnati, Ohio. Coal.....	62,404	May 7	128	449
Lund, George, London, England. Yarn produced from wood-pulp, cellulose, or viscose.....	60,309	Feb. 5	126	2182
Lund, George, London, England. Yarn produced from cellulose or viscose.....	62,755	May 21	128	1288
Lund, George, London, England. Knitted shirts, skirts, and hosiery.....	66,520	Dec. 10	131	1681
Lunkenheimer Company, Cincinnati, Ohio. Lubricators.....	63,034	June 4	128	2079
Lunkenheimer Company, Cincinnati, Ohio. Lubricators.....	63,035	June 4	128	2079
Lupton, Mary A., et al., executors and trustees. (See Green, Lewis M.).....				
Lustgarten, Charles, Chicago, Ill. Preparation for killing insects.....	60,379	Feb. 5	126	2184
Luthy & Co., Peoria, Ill. Portable grain-elevators.....	59,407	Jan. 8	126	750
Luthy & Co., Peoria, Ill. End-gate seeding-machine.....	65,215	Sept. 10	130	652
Lütters & Cie., C., Solingen, Germany. Pocket-knives, scissors, and razors.....	62,989	June 4	128	2078
Lutz Co., George A., New York, N. Y. Dry batteries.....	66,333	Nov. 19	131	938
Luyties, Frederick A., St. Louis, Mo. Laxative medicines.....	59,752	Jan. 15	126	1059
Luyties, Frederick A., St. Louis, Mo. Uterine tonic.....	60,035	Jan. 22	126	1352
Luyties, Frederick A., St. Louis, Mo. Antipyretic, sedative, and anodyne.....	63,559	June 25	128	3283
Luyties, Herman C. G., St. Louis, Mo. Soap.....	59,705	Jan. 15	126	1058
Lyle, James E., Bowling Green, Ky. Mosquito-repellent.....	66,372	Nov. 26	131	1155
Lyman Gun Sight Corporation, Middlefield, Conn. Gun-sights.....	61,393	Mar. 19	127	1248
Lyman Gun Sight Corporation, Middlefield, Conn. Gun-sights.....	64,526	Aug. 13	129	2852
Lynch, Eugene, Boston, Mass. Whisky.....	59,726	Jan. 15	126	1058
Lynchburg Shoe Co., Lynchburg, Va. Leather boots and shoes.....	60,996	Feb. 26	126	3418
Lynchburg Shoe Co., Lynchburg, Va. Men's, boys', and youths' leather boots and shoes.....	62,798	May 28	128	1681
Lyon, Alvine W., Baltimore, Md. Certain cleansing preparation.....	63,176	June 11	128	2522
Lyon & Greenleaf, Wauseon, Ohio, and Ligonier, Ind. Wheat-flour.....	63,530	June 25	128	3282
Lyon & Greenleaf, Wauseon, Ohio, and Ligonier, Ind. Wheat-flour.....	63,531	June 25	128	3282
Lyon & Greenleaf, Wauseon, Ohio, and Ligonier, Ind. Wheat-flour.....	63,815	July 9	129	865
Lyon & Healy, Chicago, Ill. Steel music-wire.....	59,165	Jan. 1	126	381
Lyon & Healy, Chicago, Ill. Accordions and concertinas.....	59,200	Jan. 1	126	382
Lyon & Healy, Chicago, Ill. Strings for musical instruments.....	59,877	Jan. 22	126	1348
Lyon & Healy, Chicago, Ill. Strings for musical instruments.....	60,976	Feb. 26	126	3418
Lyon & Healy, Chicago, Ill. Furniture-polish.....	61,470	Mar. 26	127	1571
Lyon & Sons Brewing Co., Newark, N. J. Beer, ale, and porter.....	65,168	Sept. 10	130	651
Lyons Manufacturing Co., Providence, R. I. Finger-rings.....	64,986	Sept. 3	130	294
Lysholm, Jörgen B., Trondhjem, Norway. Cordial.....	63,784	July 9	129	864
Lysholm, Jörgen B., Trondhjem, Norway. Cordial, punch, and brandy.....	63,816	July 9	129	865
M. Half & Bro., San Antonio, Tex. Hosiery.....	66,373	Nov. 26	131	1155
M. Half & Bro., San Antonio, Tex. Certain clothing.....	66,426	Nov. 26	131	1157
M. Half & Bro., San Antonio, Tex. Certain knitted garments.....	66,724	Dec. 24	131	2140
M. Hyman Confectionery & Catering Co., Denver, Colo. Taffy or toffee.....	61,780	Apr. 2	127	1989
M. Lindsay Rubber Manufacturing Co., Washington, D. C. Rubber footwear.....	65,808	Oct. 22	130	2367
M. Lindsay Rubber Manufacturing Co., Washington, D. C. Certain rubber goods.....	66,046	Nov. 5	131	355
M. Lindsay Rubber Manufacturing Company, New York, N. Y., and Washington, D. C. Certain surgical goods.....	66,881	Dec. 31	131	2413
M. Schulz Co., Chicago, Ill. Pianos and organs.....	61,301	Mar. 12	127	843
M. Shaughnessy Distilling Company, St. Louis, Mo. Whisky.....	63,053	June 4	128	2080
M. Shaughnessy Distilling Company, St. Louis, Mo. Whisky.....	64,388	Aug. 6	129	2494
M. Werk Co., Cincinnati, Ohio. Soap.....	64,966	Sept. 3	130	293
M. Werk Co., Cincinnati, Ohio. Soap.....	65,321	Sept. 17	130	973
M. Werk Co., Cincinnati, Ohio. Soap.....	65,325	Oct. 8	130	1682
M. Wollstein & Co., Omaha, Nebr. Whisky, brandy, rum, and gin.....	65,596	Oct. 8	130	1684
M. Zimmermann Company, New York, N. Y. Bologna sausage, and animal fats, used for cooking purposes.....	64,323	July 30	129	2071
M. A. Seed Dry Plate Company, St. Louis, Mo. Photographic dry-plates and films.....	65,506	Oct. 8	130	1682

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M. D. Wells Co., Chicago, Ill. Leather boots, shoes, and slippers.	66,667	Dec. 17	131	1937
M. E. Smith & Co. Inc., Omaha, Nebr. Duck coats, vests, pants, and overalls.	60,559	Feb. 12	126	2584
M. E. Smith & Co., Inc., Omaha, Nebr. Dress and negligee shirts and textile collars and cuffs therefor.	63,240	June 11	128	2523
M. & J. B. Kellam Co., Binghamton, N. Y. Tea.	60,483	Feb. 12	126	2582
M. & J. B. Kellam Co., Binghamton, N. Y. Tea.	60,484	Feb. 12	126	2582
M. K. Goetz Brewing Co., St. Joseph, Mo. Malt extract.	62,540	May 14	128	880
M. W. Duffley, Inc., Chicago, Ill. Cigars.	61,810	Apr. 9	127	2387
Maas & Waldstein Company, Newark, N. J., and New York, N. Y. Fumigants.	60,609	Feb. 12	126	2585
Maass, Fabrik antiseptischer Artikel, Adolf, Berlin, Germany. Inlay-soles of pasteboard.	62,990	June 4	128	2078
Macbbs Hydraulic Packing Co., Chicago, Ill. Rawhide packing.	62,405	May 7	128	449
MacAndrews & Forbes Company, New York, N. Y. Licorice and licorice paste.	60,000	Jan. 22	126	1352
MacKay, D. MacN., Goldsboro, N. C. Cure for headache.	63,281	June 11	128	2524
MacMahon, Michael, New York, N. Y. Detergent cleaning compositions for ale and beer pipes.	64,742	Aug. 20	129	3155
Macaulay, John A., Laurium, Mich. Babbitt metal.	63,962	July 16	129	1283
Macbeth Evans Glass Co., Pittsburg, Pa. Lamp-glasses.	63,833	July 9	129	865
Macbeth-Evans Glass Company, Pittsburg, Pa. Lamp glasses and globes.	61,782	Apr. 2	127	1989
Macbeth-Evans Glass Company, Pittsburg, Pa. Lamp glasses and globes.	64,615	Aug. 13	129	2854
Machen & Company. (See T. B. Hall & Company, assignor.)				
Machine Sales Company, New York, N. Y. Printing-presses and parts thereof.	65,831	Oct. 22	130	2368
Mack & Gilmore, Berwick, La. Internal remedy for diarrhea, flux, and dysentery.	63,006	June 4	128	2078
Mackenzie Bros., Ross-Shire, Scotland. Pure Highland malt pot-still Scotch whisky.	61,994	Apr. 16	127	2809
Mackenzie Bros., Ross-Shire, Scotland. Malt whisky.	63,315	June 11	128	2525
Mackey, Dudley E., Springfield, Ohio. Silver-polishing compound.	60,279	Feb. 5	126	2181
Mackintosh's Toffee Company, Bradley Beach, N. J. Toffee.	62,117	Apr. 16	127	2813
Macy & Jenkins, New York, N. Y. Whisky.	65,216	Sept. 10	130	652
Madame Irene, New York, N. Y. Corsets.	61,482	Mar. 26	127	1571
Madame Isabell's Toilet Mfg Co., Chicago, Ill. Certain toilet preparations.	61,033	Feb. 26	126	3419
Madden, William J., New York, N. Y. Popcorn.	64,595	Aug. 13	129	2853
Maffi Barber Supply Co., San Antonio, Tex. Remedy for dandruff.	60,796	Feb. 19	126	3037
Maggi Co., Kempthal, Switzerland. Bouillon.	60,286	Feb. 5	126	2181
Magi Washing Crystals Co., Rutherford, N. J. Soluble washing-crystals.	65,942	Oct. 29	130	2715
Magie Curler Company, Philadelphia, Pa. Hair curlers, crimpers, and wavers.	59,070	Jan. 1	126	378
Magill, Samuel N., Philadelphia, Pa. Silk undershirts.	65,640	Oct. 15	130	2061
Magna Vita Company, Allegheny, Pa. Remedies for debility.	63,939	July 16	129	1262
Magnet Knitting Mills, Clinton, Tenn. Knitted socks and stockings.	61,170	Mar. 5	127	388
Magnet Wire Co., assignor to Electric Cable Company, New York, N. Y. Certain named electrical supplies.	59,487	Jan. 8	126	752
Magnolia Healing Soap Co., Muscatine, Iowa. Medicated toilet soap.	64,527	Aug. 13	129	2852
Magnus Metal Company, New York, N. Y. Alloy castings.	66,334	Nov. 19	131	938
Maguire, Thomas F., Lowell, Mass. Salves.	60,200	Jan. 29	126	1771
Magyar Chardonnet Selyemgyár Részvénytársaság, Sárvár, Austria-Hungary. Artificial silk.	64,877	Aug. 27	129	3496
Magyar Chardonnet Selyemgyár Részvénytársaság, Sárvár, Austria-Hungary. Artificial silk.	64,878	Aug. 27	129	3496
Maher Veterinary Remedy Co., Beresford, S. D. Veterinary medicine.	65,179	Sept. 10	130	651
Mahoney, J. & E., Portsmouth, Va. Whisky.	59,488	Jan. 8	126	752
Mahr, Emil M. J., Boston, Mass. Certain named medicinal preparation.	59,787	Jan. 15	126	1060
Mairs & Tripper, Browning, Mo. Cough medicine.	60,445	Feb. 5	126	2186
Maison Pierre Bardou-Job, Perpignan, France. Tobacco, cigars, and cigarettes.	63,177	June 11	128	2522
Majestic Skirt Company, New York, N. Y. Undershirts made of textile material.	65,362	Sept. 24	130	1303
Malcolm G. Price Company, New York, N. Y. Remedy for hemorrhoids.	65,376	Sept. 24	130	1303
Maley, Thos., Zumbrota and Goodhue, Minn. Antiseptic healing-powder.	59,542	Jan. 8	126	753
Mallard Distilling Co., Jersey City, N. J., and New York, N. Y. Gin.	60,380	Feb. 5	126	2184
Malleable Iron Range Co., Beaver Dam, Wis. Certain ranges.	63,856	July 9	129	866
Mallow Cream Co., Chicago, Ill. Confectioners' paste to be used in making candies.	61,566	Mar. 26	127	1573
Malt-Diastase Company, Brooklyn, N. Y. Malt extract.	61,995	Apr. 16	127	2809
Malthopine Manufacturing Company, Brooklyn, N. Y. Extract of malt and hops.	65,679	Oct. 15	130	2062
Manaux & Son, A., Pittsburg, Pa. Awnings, tents, canopies, flags, and tarpaulins.	63,817	July 9	129	865
Manchester Furniture Co., Manchester, Va. Washboards.	66,646	Dec. 17	131	1936
Manchester Mfg. Co., Providence, R. I. Silver-plated tableware.	59,855	Jan. 22	126	1348
Manganese Bronze & Brass Co. Ltd., London, England. Manganese bronze.	61,603	Mar. 26	127	1574
Manganese Bronze & Brass Co. Ltd., London, England. Alloy of metals used for bearings and other purposes.	61,736	Apr. 2	127	1988
Manhattan Brass Co., New York, N. Y. Kerosene-oil lamps.	63,337	June 18	128	2829
Manhattan Brass Co., New York, N. Y. Kerosene-oil-lamp burners.	63,532	June 25	128	3282
Manhattan Cork Specialty Co., New York, N. Y. Stoppers constructed of tin and cork.	65,217	Sept. 10	130	652
Manhattan Electrical Supply Company, Jersey City, N. J., and New York, N. Y. Dry batteries.	62,907	May 28	128	1684
Manhattan Electrical Supply Company, Jersey City, N. J., and New York, N. Y. Dry batteries.	62,908	May 28	128	1684
Manhattan Medicine Co., New York, N. Y. Remedy for certain diseases.	61,257	Mar. 12	127	842
Manhattan Screw & Stamping Works, New York, N. Y. Automobile-lamps.	64,897	Aug. 27	129	3497
Manitou Mineral Springs Company, Manitou, Colo. Mineral water, table-water, and a beverage made from ginger.	59,408	Jan. 8	126	750
Manly, Thomas, Kentishtown, England. Photographic papers, photographic carbon-tissue, and transfer-paper.	62,909	May 28	128	1684
Manning, Rollo G., Toledo, Ohio. Drawing-tables and filing-cases.	59,036	Jan. 1	126	377
Mansfield, Witham & Co., Lowell, Mass. Syrup.	66,801	Dec. 31	131	2411
Manufacturing Co. of America, Philadelphia, Pa. Candy and chewing-gum.	62,187	Apr. 23	127	3210
Manufacturing Co. of America, Philadelphia, Pa. Candy and chewing-gum.	62,188	Apr. 23	127	3210
Manufacturing Co. of America, Philadelphia, Pa. Candy and chewing-gum.	62,269	Apr. 30	127	3635
Mapes, Annie F., Brooklyn, N. Y. Babies' jumpers.	65,103	Sept. 10	130	649
Maple, William H., Newark, N. J. Liniment.	64,879	Aug. 27	129	3496
Mapleton Milling Company, Mapleton, Minn. Wheat-flour.	64,942	Aug. 27	129	3498
Marden, Orth & Hastings, Boston, Mass. Certain extracts.	61,710	Apr. 2	127	1987
Marden, Orth & Hastings, Boston, Mass. Certain vegetable materials.	62,135	Apr. 23	127	3209
Margeson, Manly E., near Kendallville, Ind. Cordials.	65,448	Sept. 24	130	1305
Margolis, Matthew L., New York, N. Y. Hose-supporters.	60,134	Jan. 29	126	1769
Marietta Faint & Color Company, Marietta, Ohio. Combination fillers and stains.	64,898	Aug. 27	129	3497
Mark Cross Company, New York, N. Y. Certain leather manufactures.	62,233	Apr. 23	127	3212
Markham Air Rifle Co., Plymouth, Mich. Air-rifles.	64,855	Apr. 27	129	3496
Marks, Jacob A., Boise, Idaho. Overcoats, coats, pants, and vests.	66,427	Nov. 26	131	1157
Marks, Lewis W., New York, N. Y. Ostrich-leathers.	64,943	Aug. 27	129	3498
Mark & Co. Ltd., New York, N. Y. Sewing-machines.	65,943	Oct. 29	130	2715
Marmla Company, Detroit, Mich. Obesity remedies.	66,843	Dec. 31	131	2412
Marsh Brothers Co., Sheffield, England. Cutlery in general and other hand-tools having a cutting edge.	63,610	July 2	129	473
Marsh, Sophia M., Locust Valley and Glen Cove, N. Y. Remedy for certain diseases.	62,041	Apr. 16	127	2811
Marshall, A. W., London, England. Prepared food made from fish and other ingredients.	61,054	Mar. 5	127	385

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Marshall Chemical Company, New York, N. Y. Polishing preparations for metals.....	62,593	May 14	128	881
Marshall, Dwight L., Boston, Mass. Wheat-flour.....	59,753	Jan. 15	126	1059
Marshall-Jackson Company, Chicago, Ill. Loose-leaf ledgers.....	59,261	Jan. 1	126	383
Marshall Field & Company, Chicago, Ill. Laces, lace nets, and lace curtains.....	64,142	July 23	129	1606
Marshall Field & Company, Chicago, Ill. Cotton and woolen dress goods.....	64,143	July 23	129	1606
Marshall Field & Company, Chicago, Ill. Linen, cotton and linen, and cotton piece goods.....	64,791	Aug. 20	129	3156
Martin & Bowne Company, New York, N. Y. Tooth, nail, hair, and flesh brushes.....	65,449	Sept. 24	130	1305
Martin, Charles C., Denver, Colo. Butter.....	59,918	Jan. 22	126	1349
Martin, Charles C., Denver, Colo. Eggs.....	59,919	Jan. 22	126	1349
Martin, Charles C., Denver, Colo. Cheese.....	62,007	Apr. 16	127	2810
Martin & Co., John S., New York, N. Y. Cheese.....	64,389	Aug. 6	129	2494
Martin, G. B., Naples, Tex. Chill- tonic.....	59,754	Jan. 15	126	1059
Martin, Reuben E., Fort Worth, Tex. Liquid face-enamel.....	62,315	Apr. 30	127	3637
Martin-Senour Co., Chicago, Ill. Varnish-stains, priming, and fillers.....	61,811	Apr. 9	127	2387
Martin, William L., assignor to Deitch Brothers, New York, N. Y. Tooth and nail brushes.....	61,302	Mar. 12	127	843
Martin, Wm. L., assignor to Deitch Brothers, New York, N. Y. Hair, tooth, and nail brushes.....	63,077	June 4	128	2080
Martin, Wm. L., assignor to Deitch Brothers, New York, N. Y. Tooth and nail brushes.....	66,047	Nov. 5	131	355
Marvel Buckle Company, Baltimore, Md. Buckles.....	62,756	May 21	128	1288
Marvel Buckle Company, Baltimore, Md. Buckles.....	63,144	June 11	128	2521
Marvel Furniture Company, Jamestown, N. Y. Chiffonniers, dressers, and commodes.....	61,116	Mar. 5	127	387
Marvin, Nelson H., Boston, Mass. Leather shoes.....	62,928	May 28	128	1685
Maryland Distilling Company of Baltimore City, Baltimore, Md. Whisky.....	60,217	Jan. 29	126	1771
Maryland Oiled Clothing Co., Baltimore, Md. Oiled waterproof garments.....	60,072	Jan. 29	126	1767
Maschinenfabrik Odesse, Gesellschaft mit beschränkter Haftung, Oschersleben, near Magdeburg, Germany. Pumps, steam engines and turbines, and parts thereof.....	66,443	Nov. 26	131	1157
Maschinenfabrik Rockstroh & Schneider Nachf., A. G., Dresden-Heidenau, Heidenau, near Dresden, Germany. Electric motors.....	64,646	Aug. 13	129	2855
Mason, Albert G., Cleveland, Ohio. Sewing-machines, attachments, stands, tables, and covers.....	61,948	Apr. 9	127	2391
Mason, Albert G., Cleveland, Ohio. Sewing-machine heads and attachments.....	66,140	Nov. 12	131	686
Mason, Herbert W., Detroit, Mich. Decoys.....	60,310	Feb. 5	126	2182
Mason, Herbert W., Detroit, Mich. Decoys.....	60,311	Feb. 5	126	2182
Maspero Frères, Limited, London, England. Cigarettes.....	61,303	Mar. 12	127	843
Maspero Frères, Limited, assignor to African Cigarette Company Limited, London, England. Cigarettes, cigars, smoking and chewing tobacco.....	65,680	Oct. 15	130	2062
Massachusetts Chemical Company, Walpole, Mass. Insulating compounds.....	59,613	Jan. 15	126	1055
Massachusetts Cotton Mills, Lowell, Mass. Certain textile.....	63,505	June 25	128	3282
Massachusetts Saw Works, Chicopee, Mass. Nail-sets and punches.....	66,785	Dec. 31	131	2411
Messie, C. W., Fort Worth, Tex. Liniment.....	61,186	Mar. 5	127	389
Master Soap Co., Boston, Mass. Soap.....	66,882	Dec. 31	131	2413
Masteron, Griswold & Moore, Chicago, Ill. School-books.....	64,092	July 23	129	1604
Mathey Bros., Mathez & Co., New York, N. Y. Watches.....	66,559	Dec. 10	131	1682
Matthaei, Henry, Kansas City, Mo. Bread.....	64,919	Aug. 27	129	3497
Matthaei, Henry, Kansas City, Mo. Bread.....	65,536	Oct. 8	130	1682
Matthaei, Henry, Kansas City, Mo. Bread.....	66,048	Nov. 5	131	355
Mattingly & Moore Dist'y Co., Bardstown, Ky. Whisky.....	66,428	Nov. 26	131	1157
Maughan, John L., San Francisco, Cal. Hair- tonic.....	59,262	Jan. 1	126	383
Maulbetsch & Whittemore Company, Newark, N. J. Cases and satchels for musical instruments.....	66,235	Nov. 19	131	935
Max Huncke Chemical Co., Brooklyn, N. Y. Soap.....	65,889	Oct. 29	130	2714
Maxim Hat Works, New York, N. Y. Men's soft and stiff felt hats.....	65,507	Oct. 8	130	1682
Maxwell, Howard U., Cleveland, Ohio. Toilet preparation, &c.....	65,303	Sept. 17	130	973
Maxwell, Thomas H., Boston, Mass. Ladies' leather boots, shoes, and slippers.....	60,926	Feb. 26	126	3417
May Company, Cleveland, Ohio. Leather shoes.....	61,258	Mar. 12	127	842
Mayer, Abraham, New York, N. Y. Patterns for ladies' dresses and parts thereof.....	63,963	July 16	129	1263
Mayer, Joshua W., New York, N. Y. Precious stones and jewelry for personal wear.....	66,141	Nov. 12	131	686
Mayer, M. & C., New York, N. Y. Knit hosiery and underwear.....	61,604	Mar. 26	127	1574
Mayer and Sons, Max, New York, N. Y. Certain clothing.....	65,832	Oct. 22	130	2368
Mayer & Sons, S., New York, N. Y. Infants' hats and caps.....	61,078	Mar. 5	127	386
Mayer & Wolfson, New York, N. Y. Vests, drawers, and trousers.....	64,596	Aug. 13	129	2853
Mayet, A., New York, N. Y. Certain ornamental objects.....	63,399	June 18	128	2831
Maywood Packing Co., Corning, Cal. Canned, dried, and fresh fruits and olive-oil.....	66,177	Nov. 12	131	687
Mazawattee Tea Company, Limited, London, England. Tea.....	64,289	July 30	129	2070
Mazawattee Tea Company Limited, London, England. Cocoa and chocolate.....	66,688	Dec. 24	131	2139
Mazetta Mfg. Co., Chicago, Ill. Ice-cream.....	62,223	Apr. 23	127	3211
McAfee, Claude M., New York, N. Y. Substitutes for toilet soap.....	63,964	July 16	129	1263
McAllister, John J., Milton, Oreg. Certain medicines.....	65,641	Oct. 15	130	2061
McBrayer, John H., Lawrenceburg, Ky. Whisky.....	65,450	Sept. 24	130	1305
McCaffrey & Sons, James A., Philadelphia, Pa. Certain food preparations.....	60,696	Feb. 19	126	3034
McCanna & Fraser Company, Burlington, Wis., and Philadelphia, Pa. Certain specially-prepared butter-print.....	63,857	July 9	129	866
McCargar, Lorren B., Savannah, Mo. Feed-grinders.....	60,366	Feb. 5	126	2184
McCart-Mosset Co., Cleveland, Ohio. Bitters.....	61,195	Mar. 5	127	389
McClellan Paper Company, Minneapolis, Minn. Wrapping and printing paper.....	62,118	Apr. 16	127	2813
McClellan Paper Company, Minneapolis, Minn. Building-paper.....	63,982	July 16	129	1263
McClintock-Trunkay Co., Spokane, Wash. Certain foods.....	65,377	Sept. 24	130	1303
McCluney, Finas M., Gadsden, Ala. Non-alcoholic syrup for carbonated water.....	65,304	Sept. 17	130	973
McCormack, Michael J., Memphis, Tenn. Root and shoe polish.....	59,071	Jan. 1	126	378
McCormick & Co., Baltimore, Md. Teas.....	59,755	Jan. 15	126	1059
McCormick & Co., Baltimore, Md. Spices and mustards.....	59,756	Jan. 15	126	1059
McCormick & Co., Baltimore, Md. Spices, mustards, and flavoring extracts.....	60,560	Feb. 12	126	2584
McCormick & Co., Baltimore, Md. Flavoring extracts.....	65,086	Sept. 3	130	296
McDaniel, Joshua S., Fort Worth, Tex. Non-alcoholic carbonated beverage.....	64,792	Aug. 20	129	3156
McDonald, Charles C., Elyria, Ohio. Canned oven-baked beans and canned pork and beans.....	62,889	May 28	128	1684
McDonald, Charles C., Elyria, Ohio. Canned fruit, vegetables, and baked beans.....	65,139	Sept. 10	130	650
McDonald, Charles C., Elyria, Ohio. Canned fruit, vegetables, and baked beans.....	65,140	Sept. 10	130	650
McDonald & Co., R. L., St. Joseph, Mo. Working-shirts, jackets, overalls, trousers, and coats.....	65,833	Oct. 22	130	2368
McElroy, Ross O., New York, N. Y. Remedy for venereal diseases.....	66,272	Nov. 19	131	936
McEwan Brothers, New York, N. Y. Pasteboard.....	64,196	July 30	129	2068
McGee Mercantile Co., Victor, Colo. Teas and coffees.....	65,508	Oct. 8	130	1682
McGinn, John, Philadelphia, Pa. Whisky.....	60,236	Jan. 29	126	1772
McGowan, Frank A., Canton, Ohio. Leather shoes.....	62,620	May 14	128	882
McGraw Publishing Co., New York, N. Y. Weekly periodical.....	59,562	Jan. 8	126	754
McGraw Publishing Co., New York, N. Y. Weekly and monthly periodical.....	59,920	Jan. 22	126	1349
McGrew, James C., Lexington, Mo. Coal.....	62,844	May 28	128	1682
McGrew, James C., Lexington, Mo. Coal.....	63,145	June 11	128	2521
McGuire, John A., Denver, Colo. Periodical publications, as monthly magazines.....	64,366	Aug. 6	129	2494
McIlvaine & Baldwin, New York, N. Y. Whisky.....	65,725	Oct. 22	130	2365

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McIntosh Hardware Corp'n., Cleveland, Ohio. Bicycles and automobiles.....	63,123	June 4	128	2081
McIntosh Hardware Corporation, Cleveland, Ohio. Certain cutlery and edge-tools.....	64,017	July 16	129	1264
McKean, Bernard S., New York, N. Y. Liquid soap.....	59,384	Jan. 8	126	749
McKesson & Robbins, New York, N. Y. Medicinal preparation for purifying and treating the blood.....	59,757	Jan. 15	126	1059
McKesson & Robbins, New York, N. Y. Certain antiseptic preparations.....	59,788	Jan. 15	126	1060
McKesson & Robbins, New York, N. Y. Atomizers.....	64,054	July 23	129	1603
McKesson & Robbins, New York, N. Y. Certain medicines, &c.....	64,144	July 23	129	1606
McKesson & Robbins, New York, N. Y. Atomizers.....	64,528	Aug. 13	129	2852
McKesson & Robbins, New York, N. Y. Certain medicines.....	64,636	Aug. 13	129	2855
McKibbin, Driscoll & Dorsey, St. Paul, Minn. Coats.....	66,883	Dec. 31	131	2413
McKinnon, Clara D., Rockaway, N. J. Axes.....	64,037	July 23	129	1603
McKinnon, Clara D., Rockaway, N. J. Axes.....	64,038	July 23	129	1603
McKittrick, Walter, St. Louis, Mo. Rubber boots and shoes.....	59,134	Jan. 1	126	380
McKittrick, Walter, St. Louis, Mo. Certain named tools.....	60,331	Feb. 5	126	2183
McKoy, Robert H., Wilmington, N. C. Certain medicine.....	66,271	Nov. 19	131	936
McMahon, Kate, Washington, D. C. Pile-ointment.....	62,454	May 7	128	451
McMahon, Michael, Brooklyn, N. Y. Cleaners for glassware and porcelain.....	61,337	Mar. 19	127	1247
McMains, Bert R., assignor to McMains Novelty Company, Columbus, Ohio. Stringed instruments of the nature of mandolins.....	64,967	Sept. 3	130	293
McMains Novelty Company. (See McMains, Bert R., assignor.)				
McNally, William J., Charlestown, Mass. Antiseptic powders and ointments.....	60,037	Jan. 22	126	1352
McNamee, John F., Indianapolis, Ind. Monthly magazines.....	65,233	Sept. 10	130	652
McNeil Boiler Company, Akron, Ohio. Water-tube boilers.....	62,697	May 21	128	1287
McPherson & Co., T. E., Kennett, Mo. Medicinal remedies for the eyes.....	61,187	Mar. 5	127	389
McQuillan, Thomas R., Guymon, Okla. Ter. Coin-controlled vending-machine.....	63,124	June 4	128	2081
McRae and Keeler, Attleboro, Mass. Certain jewelry.....	61,783	Apr. 2	127	1989
Meade & Baker Carbolie Mouth Wash Co., Richmond, Va. Dentifrice.....	61,171	Mar. 5	127	388
Meade & Baker Carbolie Mouth Wash Co., Richmond, Va. Mouth-wash.....	63,596	June 25	128	3284
Medical Food Company, New York, N. Y. Certain medicinal preparation.....	62,075	Apr. 16	127	2811
Medicated Supplies Co., Peekskill, N. Y. Toilet soap.....	64,340	Aug. 6	129	2493
Medicinal Products Co., Denver, Colo. Plasters and salves.....	62,455	May 7	128	451
Medlin Milling Co., Fort Worth, Tex. Wheat-flour.....	61,079	Mar. 5	127	386
Megibben-Beatty Mercantile Co. (See Vanderslice-Lynds Mercantile Co., assignor.)				
Megill, Edward L., New York, N. Y. Certain parts of machinery.....	64,744	Aug. 20	129	3155
Mégroz, Louis, New York, N. Y. Hair-tonics.....	65,023	Sept. 3	130	294
Mehringer & Company, Gustave, New York, N. Y. Slippers.....	59,489	Jan. 8	126	752
Mein, William G., London, England. Metal casters.....	66,199	Nov. 12	131	688
Meisel, C., New York, N. Y. Reed, string, and brass musical instruments and parts.....	63,711	July 2	129	476
Meisel, C., New York, N. Y. Certain musical instruments.....	66,159	Nov. 12	131	686
Meisel, Chas., New York, N. Y. Certain musical instruments.....	66,105	Nov. 12	131	685
Meisel, Chas., New York, N. Y. Certain musical instruments.....	66,142	Nov. 12	131	686
Melster, H. R., Whitewater, Wis. Mineral water.....	64,197	July 30	129	2068
Melville Clark Piano Company, Chicago, Ill. Pianos.....	59,543	Jan. 8	126	753
Melzer, Hermann, Meiningen, Germany. Surgical lubricant.....	66,594	Dec. 17	131	1935
Memphis Column Company, Benton Harbor, Mich., and Memphis, Tenn. Wooden columns.....	61,421	Mar. 19	127	1249
Mendel, Louis, Philadelphia, Pa. Lubricating-oil.....	59,201	Jan. 1	126	382
Mendel, Weinstock & Company, Louisville, Ky. Felt, fur, cloth, and straw hats and caps.....	61,928	Apr. 9	127	2390
Mendel, Weinstock & Company, Louisville, Ky. Certain clothing.....	66,160	Nov. 12	131	686
Mendelson Bros. Inc., San Francisco, Cal. Silk dress goods.....	65,451	Sept. 24	130	1305
Mendenhall, John C., Evansville, Ind. Chill and fever cure and corn cure.....	59,584	Jan. 8	126	754
Mennillo Bros., New York, N. Y. Canned fruits and vegetables.....	63,435	June 18	128	2832
Menown & Gregory, St. Louis, Mo. Tea.....	65,537	Oct. 8	130	1682
Mentele, Louise M., Epiphany, S. D. Remedies for certain named diseases.....	60,038	Jan. 22	126	1352
Menzel & Co., New York, N. Y. Certain sea foods.....	66,301	Nov. 19	131	937
Menzies Shoe Co., Detroit, Mich. Leather boots and shoes.....	60,538	Feb. 12	126	2583
Mercer Rubber Company, Trenton, N. J. Rubber belting, hose, and packing.....	60,485	Feb. 12	126	2582
Mercer Rubber Company, Trenton, N. J. Sheet-rubber, rubber valves, and rubber jar-rings.....	60,772	Feb. 19	126	3036
Merchants Coffee Co., Baltimore, Md. Coffee.....	64,745	Aug. 20	129	3155
Merck & Co. New York, N. Y. Periodical devoted to pharmacy.....	63,712	July 2	129	476
Merck & Co., New York, N. Y. Monthly journal of materia medica and therapeutics.....	65,452	Sept. 24	130	1305
Mergenthaler Linotype Co., New York, N. Y. Certain chemical compound.....	59,264	Jan. 1	126	383
Mergenthaler Linotype Co., New York, N. Y. Machine for producing type-bars.....	63,879	July 9	129	866
Meridional Cheese and Oil Co., New York, N. Y. Olive-oil.....	61,659	Apr. 2	127	1986
Merkle Wax and Candle Company, St. Louis, Mo. Candles.....	65,024	Sept. 3	130	294
Merkle-Wiley Broom Co., Paris, Ill. Brooms.....	60,312	Feb. 5	126	2182
Merle, Victor F., Paris, France. Certain toilet preparations.....	62,435	May 7	128	450
Mermod, Jaccard & King Jewelry Company, St. Louis, Mo. Paper boxes for jewelry.....	60,210	Jan. 29	126	1771
Mermod Jaccard & King Jewelry Co., St. Louis, Mo. Watches.....	60,433	Feb. 5	126	2186
Merrill, Charles A., Nora Springs, Iowa. Ointment or salve.....	62,472	May 7	128	451
Merrimack Manufacturing Company, Lowell, Mass. Certain textiles.....	63,282	June 11	128	2524
Metzger, Henry C., Meridian, Miss. Flavoring-syrup for non-alcoholic beverages.....	64,145	July 23	129	1606
Mexican Amole Soap Co., Peoria, Ill. Soap.....	61,304	Mar. 12	127	843
Mexican Amole Soap Co., Peoria, Ill. Soap.....	61,305	Mar. 12	127	843
Mexican Amole Soap Co., Peoria, Ill. Soap.....	61,635	Apr. 2	127	1985
Mexican Amole Soap Co., Peoria, Ill. Soaps.....	61,819	Apr. 9	127	2387
Medicine Medicine Co., Ltd., Los Angeles, Cal. Soaps.....	65,332	Sept. 17	130	973
Meyer & Co., Milton J., New York, N. Y. Leather boots, shoes, and slippers.....	60,459	Feb. 12	126	2581
Meyer, Martin & Co., New York, N. Y. Certain fancy goods, furnishings, and notions.....	60,135	Jan. 29	126	1769
Meyrowitz Manufacturing Company, New York, N. Y. Automobile-goggles.....	65,758	Oct. 22	130	2366
Miami Cycle and Mfg. Co., Middletown, Ohio. Bicycles, velocipedes, and motor-cycles.....	61,883	Apr. 9	127	2389
Miami Cycle and Mfg. Co., Middletown, Ohio. Bicycles, velocipedes, and motor-cycles.....	61,903	Apr. 9	127	2389
Michael, Julius H., Detroit, Mich. Whisky.....	66,580	Dec. 10	131	1683
Michigan Knitting Co., Lansing, Mich. Certain knitted goods.....	66,668	Dec. 17	131	1937
Michigan Motor Company, assignor to Michigan Wheel Company, Grand Rapids, Mich. Propeller-wheels.....	60,367	Feb. 5	126	2184
Michigan Shoe Company, Detroit, Mich. Leather boots and shoes.....	63,472	June 25	128	3281
Michigan Wheel Company. (See Michigan Motor Company, assignor.)				
Mickelson Chemical Co., Minot, N. D. Poison for gophers and prairie-dogs.....	64,663	Aug. 20	129	3153
Microline Medicine Company, Dallas, Tex. Remedy for disorders of the bowels.....	62,698	May 21	128	1287
Microline Medicine Company, Dallas, Tex. Remedies for certain diseases.....	62,728	May 21	128	1287
Microline Medicine Company, Dallas, Tex. Remedies for certain diseases.....	63,283	June 11	128	2525
Middleby Oven Manufacturing Company, Chicago, Ill. Portable bake-ovens.....	65,597	Oct. 8	130	1684
Middleton Baking Co., New Orleans, La. Bread.....	62,580	May 14	128	881
Miley Company, Portland, Me. Hosiery.....	59,986	Jan. 22	126	1351
Miley Company, Portland, Me. Leather gloves.....	60,073	Jan. 29	126	1767

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No	Date.	Official Gazette.	
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Millcreek Valley Starch Company, Cincinnati, Ohio. Laundry starch.....	64,463	Aug. 6	129	2496
Miller-Bryant Pierce Company, Aurora, Ill. Carbon-papers for type-writer use and type-writer ribbons.....	64,500	Aug. 13	129	2851
Miller & Co., Clifford L., New York, N. Y. Caen-stone cement.....	61,259	Mar. 12	127	842
Miller & Co., Clifford L., New York, N. Y. Preservative paints in liquid or paste form.....	66,560	Dec. 10	131	1682
Miller Drug Co., Polk, Richmond, Va. Certain dog remedies.....	66,521	Dec. 10	131	1681
Miller Hapgood Shoe Co., Lynn, Mass. Leather boots, shoes, slippers, and leggings.....	66,005	Nov. 5	131	354
Miller, Harry F., Sherman, Tex. Blood-purifier.....	64,146	July 23	129	1606
Miller Manufacturing Company, New York, N. Y. Flavoring extracts.....	63,660	June 18	128	2832
Miller Rubber Manufacturing Co., Akron, Ohio. Seamless rubber gloves and mittens.....	63,125	June 4	128	2081
Milligan & Donovan, Kirkwood, Mo. Hair tonics and restorers.....	61,949	Apr. 9	127	2391
Milliken, John T., St. Louis, Mo. Medicinal preparation.....	60,165	Jan. 29	126	1770
Milliken, John T., St. Louis, Mo. Liquid sedative compound.....	60,166	Jan. 29	126	1770
Milliken, John T., St. Louis, Mo. Liquid digestive compound.....	60,167	Jan. 29	126	1770
Mills & Averill Tailoring Company, St. Louis, Mo. Coats, vests, trousers, and overcoats.....	59,409	Jan. 8	126	750
Mills Equipment Co. Ltd., Westminster, England. Knapsacks of woven material.....	66,250	Nov. 19	131	936
Mills, John C., Duke Center, Pa. Liniment for external application.....	61,447	Mar. 19	127	1250
Mills Woven Cartridge Belt Co., Worcester, Mass. Certain military equipments.....	65,890	Oct. 29	130	2714
Milton Bradley Co., Springfield, Mass. Game.....	64,899	Aug. 27	129	3497
Milton Bradley Co., Springfield, Mass. Certain game.....	64,968	Sept. 3	130	293
Milton Piano Company. (See Gittins, Geo. W., assignor.).....				
Milwaukee Net Co., Milwaukee, Wis. Leather fly-nets.....	60,977	Feb. 26	126	3418
Miner, Read & Garrette, New Haven, Conn. Substitute for lard.....	62,042	Apr. 16	127	2811
Mineralized Rubber Co., New York, N. Y. Rubber hose, belting, packing, and printing-blankets.....	60,487	Feb. 12	126	2582
Mineralized Rubber Co., New York, N. Y. Syringes and atomizers.....	60,539	Feb. 12	126	2583
Miniotti, Peter P., New York, N. Y. Certain medicine.....	66,844	Dec. 31	131	2412
Minot Flour Mill Co., Minot, N. D. Flour made from wheat.....	64,572	Aug. 13	129	2853
Minot, Hooper & Co., New York, N. Y. Shirts.....	61,485	Mar. 26	127	1571
Minot Hooper & Co., New York, N. Y. Sheetings, shirts, drillings, and osnaburgs.....	63,859	July 9	129	866
Miol Manufacturing Co., Limited, London, England. Certain medicine.....	66,845	Dec. 31	131	2412
Miraco Co. Ltd., Monroe, La. Mineral water.....	65,944	Oct. 29	130	2715
Missouri Valley Milling Company, Mandan, N. D. Wheat-flour.....	60,721	Feb. 19	126	3035
Mist Rheumatic Company, (not incorporated,) Chicago, Ill. Cure for rheumatism, pleurisy, sprains, and bruises.....	61,784	Apr. 2	127	1989
Mistrot Bros. & Co., Galveston, Tex. Cotton piece goods.....	60,039	Jan. 22	126	1353
Mistrot Bros. & Co., Galveston, Tex. Leather shoes.....	61,422	Mar. 19	127	1249
Mittineague Paper Company, West Springfield, Mass. Certain named paper and cardboard.....	59,166	Jan. 1	126	381
Mittineague Paper Company, West Springfield, Mass. Certain paper.....	65,496	Oct. 8	130	1681
Mixer, Chas. W., Hastings, Mich. Remedy for certain diseases.....	64,486	Aug. 6	129	2497
Mlle. Wolfe Co., Philadelphia, Pa. Dress-pads and artificial breasts.....	64,390	Aug. 6	129	2494
Moch, Berman & Co., Cincinnati, Ohio. Overcoats, dress-coats, outer coats, vests, and trousers.....	66,629	Dec. 17	131	1936
Model Heating Company, Philadelphia, Pa. Hot-water heaters and steam-boilers for heating purposes.....	59,939	Jan. 22	126	1350
Modern Improvements Mfg. Co., Brooklyn, N. Y. Pipe-couplings, solderless couplings, and plumbers' tacks.....	59,035	Jan. 1	126	377
Modoc Company, Chester, Pa. Certain oils and lubricants.....	66,161	Nov. 12	131	687
Moffitt-West Drug Co., St. Louis, Mo. Remedy for diseases of the liver.....	62,929	May 28	128	1685
Mohawk Condensed Milk Co., Rochester, N. Y. Condensed milk, condensed cream, evaporated milk, and evaporated cream.....	60,660	Feb. 19	126	3033
Mohawk Condensed Milk Co., Rochester, N. Y. Evaporated milk, condensed milk, evaporated cream, and condensed cream.....	61,670	Apr. 2	127	1986
Mohawk Condensed Milk Co., Rochester, N. Y. Evaporated and condensed milk and evaporated and condensed cream.....	62,043	Apr. 16	127	2811
Mohawk Condensed Milk Co., Rochester, N. Y. Evaporated and condensed milk and evaporated and condensed cream.....	62,044	Apr. 16	127	2811
Mohawk Condensed Milk Co., St. Johnsville, N. Y. Condensed milk.....	63,284	June 11	128	2525
Mohr, Peter, Belleville, Ill. Cigars.....	66,221	Nov. 19	131	935
Moki, Saheiji, Noto, Chiba-Ken, Japan. Seasoning-sauce.....	60,262	Feb. 5	126	2181
Molck, Emil F., Sibley, assignor to Meadows Manufacturing Company, Meadows, Ill. Seed-distributing machines.....	62,008	Apr. 16	127	2810
Mollering, Frances, St. Louis, Mo. Certain medicines.....	65,087	Sept. 3	130	296
Mona Manufacturing Company, Boston, Mass. Dress-shields.....	66,669	Dec. 17	131	1937
Mona Manufacturing Company, Boston, Mass. Stockings, knitted, netted, and lace underwear and waists.....	66,725	Dec. 24	131	2140
Monadnock Shoe Co., Keene, N. H. Leather and cloth shoes.....	65,322	Sept. 17	130	973
Monarch, Richard, Louisville, Ky. Whisky.....	64,147	July 23	129	1606
Monarch Suspender Co., New York, N. Y. Suspenders and belts.....	66,670	Dec. 17	131	1937
Monarch Typewriter Company, Syracuse, N. Y. Type-writer carbon-paper and type-writer ribbons.....	59,490	Jan. 8	126	752
Monarch Typewriter Company, Syracuse, N. Y. Type-writer carbon-paper and type-writer ribbons.....	60,168	Jan. 29	126	1770
Monarch Typewriter Company, Syracuse, N. Y. Type-writing machines.....	64,039	July 23	129	1603
Monarch Typewriter Company, Syracuse, N. Y. Type-writer ribbons and type-writer carbon-paper.....	66,084	Nov. 5	131	356
Monheimer, Isa, Chicago, Ill. Bitters.....	61,260	Mar. 12	127	842
Monheimer, Isa, Chicago, Ill. Whisky.....	61,785	Apr. 2	127	1989
Monohansett M'fg. Co., Putnam, Conn. Cotton sheetings, shirtings, and drills, brown and bleached.....	63,580	June 25	128	3284
Montana Gesellschaft mit beschränkter Haftung, Strehla, Germany. Preserving and disinfecting agents.....	66,726	Dec. 24	131	2140
Montanye, Chas. H., New York, N. Y., assignor to W. H. Montanye & Company. Certain food preparations.....	61,394	Mar. 19	127	1248
Monte Vista Milling & Elevator Company, Monte Vista, Colo. Wheat-flour.....	61,929	Apr. 9	127	2390
Montgomery, James M., New York, N. Y. Teas.....	66,412	Nov. 26	131	1156
Moody & Co., Charles E., Boston, Mass. Canned fish.....	61,860	Apr. 9	127	2388
Moody & Co., Charles E., Boston, Mass. Tea and coffee.....	62,270	Apr. 30	127	3635
Moon Vibrator Company, Chicago, Ill. Electric vibratory massage-machines.....	66,251	Nov. 19	131	936
Mooney, Frank H., Chicago, Ill. Fountain-pens.....	62,119	Apr. 16	127	2813
Moore, Harrie G., assignor to Big Four, Kansas City, Mo. Wagons and carriages.....	66,200	Nov. 12	131	658
Moore, Harrie G., assignor to Big Four, Kansas City, Mo. Plows.....	66,335	Nov. 19	131	938
Moore, Joseph, Kansas City, Mo. Liniment.....	59,266	Jan. 1	126	383
Moore & Munger, New York, N. Y. Stearin candle-pitch.....	63,965	July 16	129	1263
Moore Paint Co., Cleveland, Ohio. Varnishes, fillers, and colors ground in oil.....	66,768	Dec. 24	131	2141
Moore, Richard, McKeesport, Pa. Hair-pomade.....	62,621	May 14	128	882
Moore Smith Co., Boston, Mass. Certain clothing.....	63,681	July 2	129	475
Moore Smith Co., Boston, Mass. Certain headwear.....	63,682	July 2	129	475
Moreau, Edward, Arvilla, N. D. Specific for eczema.....	59,265	Jan. 1	126	383
Morgan, Augustus, Seattle, Wash. Remedies for skin diseases.....	62,910	May 28	128	1684
Morgan Crucible Co. Limited, Battersea, London, England. Motor-brushes and brushes for dynamos.....	62,799	May 28	128	1681

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Morgan Crucible Company Limited, Battersea, London, England. Certain fire-standing goods..	62,664	May 21	128	1286
Morgan Crucible Company Limited, Battersea, London, England. Plumbago or graphite for lubricating purposes.	62,757	May 21	128	1288
Morgan Crucible Company Limited, Battersea, London, England. Certain articles made of fire-clay.	62,800	May 28	128	1681
Morgan Crucible Company Limited, Battersea, London, England. Furnaces, (experimental,) assayers' furnaces, and muffles.	63,007	June 4	128	2078
Morgan Crucible Company Limited, Battersea, London, England. Certain articles made of plumbago or graphite.	63,199	June 11	128	2522
Morgan Crucible Company Limited, Battersea, London, England. Certain parts of electrical apparatus.	63,834	July 9	129	865
Morgan Crucible Company Limited, Battersea, London, England. Certain furnaces and muffles.	63,860	July 9	129	866
Morgan Crucible Company, Limited, Battersea, London, England. Dash-pot plungers, bearings, and pistons.	64,040	July 23	129	1603
Morgan Crucible Company Limited, Battersea, London, England. Certain articles made of refractory material.	64,341	Aug. 6	129	2493
Morgan Crucible Company Limited, Battersea, London, England. Plumbago.	64,342	Aug. 6	129	2493
Morgan Crucible Company (Limited), London, England. Certain electrical supplies.	65,726	Oct. 22	130	2365
Morgan, Geo. P., New York, N. Y. Article for holding shirts in place while acting as a suspensory.	63,078	June 4	128	2080
Morgan, Grover C., Westfield, Mass. Horse-whips.	61,567	Mar. 26	127	1573
Morgan, James T., Springfield, Mo. Remedy for grippe.	63,285	June 11	128	2525
Morgan-Lyons Vinegar Company, Louisville, Ky. Syrup for beverages.	60,237	Jan. 29	126	1772
Morgan Oyster Company, San Francisco, Cal. Fresh canned frozen oysters.	64,391	Aug. 6	129	2494
Morgan Oyster Company, San Francisco, Cal. Fresh frozen oysters.	64,445	Aug. 6	129	2496
Morgan Oyster Company, San Francisco, Cal. Fresh canned frozen oysters.	65,378	Sept. 24	130	1204
Morgan & Wright, Detroit, Mich. Rubber hoof-pads.	66,865	Dec. 31	131	2413
Morgan & Wright, Detroit, Mich. Hose and packing.	66,889	Dec. 31	131	2414
Morgart, John A., Isle of Wight county, Va. Mineral water.	62,356	Apr. 30	127	3638
Mori, Toshikuni, San Francisco, Cal. Remedy for headaches.	65,614	Oct. 8	130	1685
Mori, Toshikuni, San Francisco, Cal. Blood medicine.	65,615	Oct. 8	130	1685
Mori, Toshikuni, San Francisco, Cal. Remedy for headache and heartburn.	65,854	Oct. 29	130	2713
Mori, Toshikuni, San Francisco, Cal. Remedy for seasickness.	65,855	Oct. 29	130	2713
Mori, Toshikuni, San Francisco, Cal. Medicine to perfume the breath.	65,856	Oct. 29	130	2713
Morley, I. & R., London, England. Leather gloves.	59,334	Jan. 8	126	748
Morley Twine and Mch. Co., Sioux City Iowa. Twine.	60,683	Feb. 19	126	3034
Moroney, James, deceased; J. E. Moroney, Philadelphia, Pa., executor. Whisky.	59,673	Jan. 15	126	1057
Moroney, James E., executor. (See Moroney, James.)				
Morrill, Sarah C., New York, N. Y. Certain hand-tools.	60,722	Feb. 19	126	3035
Morrill, Sarah C., New York, N. Y. Certain edge-tools.	63,023	June 4	128	2079
Morrill, Sarah C., New York, N. Y. Certain hand-tools.	65,278	Sept. 17	130	972
Morris, Leonard D., Chicago, Ill. Pipe-organs.	61,711	Apr. 2	127	1987
Morris Sherman Manufacturing Company, Chattanooga, Tenn. Brickmaking machinery.	63,126	June 4	128	2081
Morris Sherman Manufacturing Company, Chattanooga, Tenn. Brickmaking machinery.	63,127	June 4	128	2081
Morrison, Robert A., Denver, Colo. Certain metal manufactures.	63,024	June 4	128	2079
Morrison, Robert A., Denver, Colo., assignor to Twentieth Century Window Company of the United States. Certain window sashes, frames, and parts.	63,898	July 16	129	1261
Morrissey, Frank T., Lowell, Mass. Whisky.	59,410	Jan. 8	126	750
Morrissey, Frank T., Lowell, Mass. Whisky.	63,367	June 18	128	2830
Morse, Felicia V., Canton, Mass. Certain polish.	60,697	Feb. 19	126	3034
Morse, Felicia V., Canton, Mass. Certain polish.	60,698	Feb. 19	126	3034
Morse, Felicia V., Canton, Mass. Certain polish.	60,699	Feb. 19	126	3034
Morse, Felicia V., Canton, Mass. Certain polish.	60,700	Feb. 19	126	3034
Morse, Felicia V., Canton, Mass. Certain polish.	60,701	Feb. 19	126	3035
Morse, Felicia V., Canton, Mass. Certain polish.	60,702	Feb. 19	126	3035
Morse, Felicia V., Canton, Mass. Certain polish.	60,703	Feb. 19	126	3035
Morse, Felicia V., Canton, Mass. Certain polish.	60,704	Feb. 19	126	3035
Morse, Felicia V., Canton, Mass. Polish comprising black-lead, plumbago, or graphite, and for stove-polish.	61,306	Mar. 12	127	843
Morse, Howard W., Boston, Mass. Compound for cleaning fabrics and gloves.	64,426	Aug. 6	129	2495
Morse, Howard W., Boston, Mass. Compound for cleaning fabrics and gloves.	64,427	Aug. 6	129	2495
Morse, Isaac S., Nashville, Tenn. Candies.	62,456	May 7	128	451
Morse & Rogers, New York, N. Y. Leather boots, shoes, and slippers.	64,555	Aug. 13	129	2852
Morse Twist Drill & Machine Company, New Bedford, Mass. Calipers and gages.	62,758	May 21	128	1258
Morse Twist Drill & Machine Company, New Bedford, Mass. Chucks, arbors, and mandrels.	59,614	Jan. 15	126	1055
Morse Twist Drill & Machine Company, New Bedford, Mass. Chucks.	64,172	July 30	129	2067
Morse Twist Drill & Machine Company, New Bedford, Mass. Chucks.	64,173	July 30	129	2067
Morten & Company, New York, N. Y. Whisky.	64,198	July 30	129	2068
Morton-Hooton Mfg. Co., Wichita, Kans. Salve.	59,515	Jan. 8	126	750
Morton, Nickum & Co., Los Angeles, Cal. Certain confectionery.	60,107	Jan. 29	126	1768
Morton, Robert M., Detroit, Mich. Bread and cakes.	66,178	Nov. 12	131	687
Mortimer, Charles G., New York, assignor to G. W. Thompson, Brooklyn, N. Y. Toilet-paper.	64,199	July 30	129	2068
Mosby & Cardozo, Richmond, Va. Hams and bacon.	62,177	Apr. 23	127	3210
Moseley & Motley Milling Co., Rochester, N. Y. Wheat-flour.	60,108	Jan. 29	126	1768
Moseley & Motley Milling Co., Rochester, N. Y. Wheat-flour.	63,818	July 9	129	865
Moseley & Motley Milling Co., Rochester, N. Y. Wheat-flour.	65,246	Sept. 17	130	971
Moser, Wendal V., Canton, Ohio. Chewing-gum.	63,543	June 25	128	3283
Moses, David, Baltimore, Md. Dress and negligee shirts.	62,009	Apr. 16	127	2810
Moss Rose Manufacturing Company, Philadelphia, Pa. Tapestry chenille, tapestry, and velour.	62,523	May 14	128	879
Most Company Incorporated, Pittsburg, Pa. Non-alcoholic tonic beverages.	59,789	Jan. 15	126	1060
Mother Seigel's Syrup Company, New York, N. Y. Dyspepsia remedies.	59,294	Jan. 1	126	384
Mound City Paint & Color Company, St. Louis, Mo. Castor-oil.	63,785	July 9	129	864
Mount Hope Finishing Company, North Dighton, Mass. Certain cotton fabrics.	65,945	Oct. 29	130	2715
Mount Vernon Belting Co., Baltimore, Md. Stitched canvas machine-belt.	66,769	Dec. 24	131	2141
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	65,946	Oct. 29	130	2715
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	65,947	Oct. 29	130	2715
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	66,026	Nov. 5	131	355
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	66,027	Nov. 5	131	355
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	66,049	Nov. 5	131	355
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	66,050	Nov. 5	131	355
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	66,051	Nov. 5	131	355
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	66,052	Nov. 5	131	355
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	66,053	Nov. 5	131	355
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	66,471	Dec. 3	131	1417
Mount Vernon-Woodberry Cotton Duck Company, Baltimore, Md. Cotton duck.	66,561	Dec. 10	131	1682
Mountain Copper Company Limited, London, England, and San Francisco, Cal. Fertilizers.	66,273	Nov. 19	131	936
Mountain, Howard, San Francisco, Cal. Face-powder, face-cream, and hair-tonic.	61,448	Mar. 19	127	1250
Mountain Iron Mineral Co., Spartanburg, S. C. Medicinal compound.	61,671	Apr. 2	127	1986

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Mowry, Thomas J., Renovo, Pa. Hair-tonics.....	66,455	Nov. 26	131	1157
Moxie Nerve Food Company of New England, Saco, Me.; Boston, Mass., and New York, N. Y. Non-alcoholic carbonated beverage and syrup for making the same.....	62,295	Apr. 30	127	3636
Mráz, Franz, Prague, Austria-Hungary. Food-preservatives.....	66,179	Nov. 12	131	687
Muench, Julius, Louisville, Ky. Disinfectant for destroying roaches, bugs, insects, rats, and mice.....	60,040	Jan. 22	126	1353
Muessel Brewing Co., South Bend, Ind. Beer.....	59,544	Jan. 8	126	753
Muessel Brewing Co., South Bend, Ind. Beer.....	59,891	Jan. 22	126	1349
Muirhead Medical Co., Pawtucket, R. I. Certain medicine.....	64,501	Aug. 13	129	2851
Müller, Albert, New York, N. Y. Accumulators.....	61,650	Apr. 2	127	1985
Müller, Richard, Winnipauk, Conn. Silk and cotton warp umbrella-cover fabrics.....	63,368	June 18	128	2830
Müller, Richard, Winnipauk, Conn. Certain textiles.....	65,701	Oct. 15	130	2063
Muller, Wm. H., New York, N. Y. Bitters.....	61,930	Apr. 9	127	2390
Multiplex Safety Razor Company, Boston, Mass. Safety-razors and blades.....	59,356	Jan. 8	126	748
Muncie Brewing Co., Muncie, Ind. Beer.....	59,790	Jan. 15	126	1060
Muncie Brewing Co., Muncie, Ind. Beer.....	62,208	Apr. 23	127	3211
Munter, Charles, New York, N. Y. Body-braces and conformer-corsets.....	61,409	Mar. 19	127	1249
Munter, Charles, New York, N. Y. Shoulder-braces.....	65,363	Sept. 24	130	1303
Murao Company, New Brighton, N. Y. Calcimine.....	64,157	July 23	129	1606
Murphey, Robert O., New York, N. Y. Powdered yeast.....	66,180	Nov. 12	131	687
Murphy, Thomas C., Philadelphia, Pa. Non-poisonous insecticide and antiseptic.....	61,194	Mar. 5	127	389
Murphy, Jeremiah F., Lowell, Mass. Whisky.....	65,927	Oct. 29	130	2715
Murphy, Walter T., Halifax, Nova Scotia, Canada. Remedy for diseases of the blood, liver, and kidneys.....	63,662	July 2	129	474
Murray Drug Co., Columbia, S. C. Remedy for certain diseases.....	63,645	July 2	129	474
Murray, Edward M., Chicago, Ill. Wooden step-ladders.....	66,392	Nov. 26	131	1156
Musica, Antonio, New York, N. Y. Macaroni.....	61,353	Mar. 19	127	1247
Musterole Co., Cleveland, Ohio. Ointment.....	61,014	Feb. 26	126	3419
Mutual Auto Accessories Co. of America, New York, N. Y. Lubricating oils and greases.....	61,812	Apr. 9	127	2387
Mutual Drug Company, Cleveland, Ohio. Consumption remedies.....	66,106	Nov. 12	131	685
Myers & Brother, F. E., Ashland, Ohio. Water-pumps.....	60,109	Jan. 29	126	1768
Myers, Henry R., Covington, Ky. Gin.....	61,586	Mar. 26	127	1574
Myers, Herman C., New York, N. Y. Cordials, rums, brandies, and whiskies.....	63,036	June 4	128	2079
Myers, Irving, Brooklyn, N. Y. Washing compound.....	59,136	Jan. 1	126	380
Myers, James M., Cincinnati, Ohio. Remedy for diseases of the blood.....	62,296	Apr. 30	127	3636
N. Erlanger, Blumgart & Co., New York, N. Y. Velveteens.....	61,786	Apr. 2	127	1989
N. B. Thayer & Co., Inc., Milton, N. H. Leather boots and shoes.....	59,842	Jan. 22	126	1347
N. C. Barwise Brokerage Co., Denver, Colo. Canned vegetables.....	59,385	Jan. 8	126	749
N. K. Fairbank Company, Chicago, Ill. Soap.....	59,411	Jan. 8	126	750
N. K. Fairbank Company, Chicago, Ill. Washing-powder.....	59,412	Jan. 8	126	750
N. K. Fairbank Company, Chicago, Ill. Soap.....	59,758	Jan. 15	126	1059
N. K. Fairbank Company, Chicago, Ill. Soap.....	59,855	Jan. 22	126	1348
N. K. Fairbank Company, Chicago, Ill. Soap.....	59,921	Jan. 22	126	1349
N. K. Fairbank Company, Chicago, Ill. Soap.....	59,922	Jan. 22	126	1349
N. K. Fairbank Company, Chicago, Ill. Washing or soap powder.....	60,074	Jan. 29	126	1767
N. K. Fairbank Company, Chicago, Ill. Washing-powders.....	60,075	Jan. 29	126	1767
N. K. Fairbank Company, Chicago, Ill. Laundry soaps.....	61,338	Mar. 19	127	1247
N. K. Fairbank Company, Chicago, Ill. Soap.....	62,357	Apr. 30	127	3638
N. K. Fairbank Company, Chicago, Ill. Soap.....	63,626	July 2	129	473
N. K. Fairbank Company, Chicago, Ill. Washing-powder and scouring-soap.....	64,856	Aug. 27	129	3496
N. Z. Graves Co., Inc., Philadelphia, Pa. Pigments for paints.....	59,448	Jan. 8	126	751
Naamlooze Vennootschap Plaftebakkerij "Delft," Amsterdam, Netherlands. Delftware.....	62,759	May 21	128	1288
Nachmann, Isidor, New York, N. Y. Preparation for cleaning and bleaching white cotton and linen duck articles.....	62,248	Apr. 30	127	3635
Nachtgall, Simeon, New York, N. Y. Canvas interlinings.....	65,089	Sept. 3	130	296
Nahass, Adolph, Boston, Mass. Belts.....	66,671	Dec. 17	131	1937
Narragansett Brewing Company, Cranston, R. I. Ale, beer, porter, and malt extract.....	59,413	Jan. 8	126	750
Narrow Fabric Corporation, Orange, Conn. Elastic webbing.....	60,434	Feb. 5	126	2186
Narrow Fabric Corporation, Orange, Conn. Elastic webbing.....	60,978	Feb. 26	126	3418
Narrow Fabric Corporation, Orange, Conn. Elastic webbing.....	60,979	Feb. 26	126	3418
Narrow Fabric Corporation, Orange, Conn. Elastic webbing.....	63,037	June 4	128	2079
Nashua Manufacturing Company, Nashua, N. H. Cotton piece goods and cotton blankets.....	62,158	Apr. 23	127	3210
Natic Underwear Company, Springfield, Mass. Muslin underwear.....	59,335	Jan. 8	126	748
National Baker Publishing Company, Philadelphia, Pa. Periodical.....	62,326	Apr. 30	127	3637
National Biscuit Company, Jersey City, N. J., and New York, N. Y. Crackers and biscuits.....	60,684	Feb. 19	126	3034
National Biscuit Company, Jersey City, N. J., and New York, N. Y. Candy.....	61,568	Mar. 26	127	1573
National Biscuit Company, Jersey City, N. J., and New York, N. Y. Biscuit.....	64,597	Aug. 13	129	2854
National Biscuit Company, Jersey City, N. J., and New York, N. Y. Bread and biscuit.....	65,141	Sept. 10	130	150
National Biscuit Company, Jersey City, N. J., and Chicago, Ill. Fruit-biscuit.....	61,529	Mar. 26	127	1572
National Biscuit Company, New York, N. Y. Biscuits.....	63,286	June 11	128	2525
National Candy Company, Jersey City, N. J., and St. Louis, Mo. Candies.....	59,906	Jan. 22	126	1349
National Candy Company, Jersey City, N. J., and St. Louis, Mo. Candies and candied popcorn.....	65,702	Oct. 15	130	2063
National Candy Company, Jersey City, N. J., and St. Louis, Mo. Candies composed of or containing chocolate.....	66,336	Nov. 19	131	938
National Candy Company, Jersey City, N. J.; St. Louis, Mo., and Chicago, Ill. Candies composed of or containing chocolate.....	60,263	Feb. 5	126	2181
National Candy Company, Jersey City, N. J.; St. Louis, Mo., and Chicago, Ill. Confections composed of or containing popcorn.....	63,861	July 9	129	866
National Candy Company, St. Louis, Mo.; Jersey City, N. J., and Chicago, Ill. Candies.....	60,292	Feb. 5	126	2182
National Car Protection Company, Chicago, Ill. Car-seals and seals for doors and windows.....	59,615	Jan. 15	126	1055
National Carbon Company, Cleveland, Ohio. Dry batteries.....	62,178	Apr. 23	127	3210
National Cash Register Company, Dayton, Ohio. Cash, credit, and autographic registers.....	64,900	Aug. 27	129	3497
National Coal Tar Company, Wilmington, Del., and Boston, Mass. Insecticides.....	61,261	Mar. 12	127	842
National Cutlery Company, Detroit, Mich. Razors, knives, and steels.....	60,076	Jan. 29	126	1767
National Disinfectant Company, Cincinnati, Ohio. Insect-powders.....	61,196	Mar. 5	127	389
National Electrolytic Co., Niagara Falls, N. Y. Chlorates and bichromates.....	61,197	Mar. 5	127	389
National Fire Proofing Company, Pittsburg, Pa. Clay sewer-pipes, flue-linings, and conduits.....	64,502	Aug. 13	129	2851
National Food Company, Fond du Lac, Wis. Poultry food.....	64,392	Aug. 6	129	2494
National Fulton Brass Manufacturing Company, Detroit, Mich. Bronze.....	60,980	Feb. 26	126	3418
National Grocer Company, Chicago, Ill. Dried and evaporated fruits.....	61,395	Mar. 19	127	1248
National Hatchet Company, Webster City, Iowa. Combination-tools.....	59,037	Jan. 1	126	377
National Lead Company, Jersey City, N. J., and New York, N. Y. White lead.....	62,136	Apr. 23	127	3209
National Lead Company, Jersey City, N. J., and New York, N. Y. Oxids of lead.....	62,785	May 28	128	1681
National Lead Company, Jersey City, N. J., and New York, N. Y. Castor-oil.....	64,901	Aug. 27	129	3497
National Malleable Castings Co., Cleveland, Ohio. Car-couplers.....	65,262	Sept. 17	130	971
National Nitro-Culture Co., West Chester, Pa. Germ food for plants.....	59,449	Jan. 8	126	751
National Packing Company, Chicago, Ill. Lard.....	65,703	Oct. 15	130	2063

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Name, residence, and title.	No.	Date.	Official Gazette.	
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National Packing Company, Chicago, Ill. Sausage and ham.....	66,413	Nov. 26	131	1156
National Refining Company, Cleveland, Ohio. Stove-gasolene.....	61,055	Mar. 5	127	385
National Refining Company, Cleveland, Ohio. Lubricating-oil.....	61,080	Mar. 5	127	386
National Refining Company, Cleveland, Ohio. Illuminating-oil.....	61,307	Mar. 12	127	843
National Refining Company, Cleveland, Ohio. Gasolene.....	63,369	June 18	128	2830
National Refining Company, Cleveland, Ohio. Illuminating-oil.....	63,966	July 16	129	1263
National Sewing Machine Company, Belvidere, Ill. Sewing-machines.....	61,513	Mar. 26	127	1572
National Sewing Machine Company, Belvidere, Ill. Sewing-machine needles.....	66,252	Nov. 19	131	936
National Sportsman, Incorporated, Boston, Mass. Monthly magazine.....	61,410	Mar. 19	127	1249
National Starch Company, Jersey City, N. J., and Oswego, N. Y. Laundry starch.....	62,930	May 28	128	1685
National Tribune Company, Washington, D. C. Weekly newspaper.....	60,169	Jan. 29	126	1770
National Tube Company, Pittsburg, Pa. Rolled steel.....	60,332	Feb. 5	126	2183
National Vending Machine Company, Chicago, Ill. Chewing-gum.....	65,053	Sept. 3	130	295
National Water Co., Waukesha, Wis. Mineral water.....	63,533	June 25	128	3282
Naumkeag Steam Cotton Co., Salem, Mass. Cotton sheeting.....	63,835	July 9	129	865
Navassa Guano Company of Wilmington, Wilmington, N. C. Fertilizers.....	59,386	Jan. 8	126	749
Naylor & Co., John S., Wheeling, W. Va. Hosiery and knitted underwear.....	62,699	May 21	128	1287
Neebe, Lawrence, Boston, Mass., and New York, N. Y. Hosiery.....	65,681	Oct. 15	130	2062
Needham Veall & Tyzack Ltd., Sheffield, England. Certain cutlery and edge-tools.....	63,880	July 9	129	866
Nelson Distilling Co., St. Louis, Mo. Whisky.....	62,436	May 7	128	450
Neostyle Company, New York, N. Y. Stencil-paper.....	63,911	July 16	129	1261
Nestlé & Anglo-Swiss Condensed Milk Co., Cham, Switzerland. Sterilized milk and condensed milk.....	59,907	Jan. 22	126	1349
Nestlé & Anglo-Swiss Condensed Milk Co., Cham, Switzerland. Condensed milk, butter, and cheese.....	60,486	Feb. 12	126	2582
Neubert, Reinhold F., Mankato, Minn. Incubators and brooders.....	60,110	Jan. 29	126	1768
Neuhaas Mfg. Co., Glen Rock, Pa. Wire screens and wire-screen doors.....	66,826	Dec. 31	131	2412
Neuralgyline Company, Wheeling, W. Va. Internal headache remedies in tablet form.....	59,267	Jan. 1	126	383
Neuralgyline Company, Wheeling, W. Va. Headache remedies in liquid and tablet form.....	66,274	Nov. 19	131	936
Neuss Hesslein & Co., New York, N. Y. Cotton piece goods and blankets.....	59,616	Jan. 15	126	1055
Neuss Hesslein & Co., New York, N. Y. Cotton piece goods and blankets.....	59,617	Jan. 15	126	1055
Neuss Hesslein & Co., New York, N. Y. Sandpaper and emery-paper.....	61,262	Mar. 12	127	8-2
Neuss Hesslein & Co., New York, N. Y. Wooden handles for tools and implements.....	61,569	Mar. 26	127	1573
Neuss Hesslein & Co., New York, N. Y. Damask table-cloths, napkins, and towels.....	61,757	Apr. 2	127	1988
Neuss Hesslein & Co., New York, N. Y. Saws, die-stocks, screw-plates, and pipe-cutters.....	61,904	Apr. 9	127	2390
Neuss Hesslein & Co., New York, N. Y. Printed cotton goods.....	62,541	May 14	128	880
Neuss Hesslein & Co., New York, N. Y. Woven cotton plaids.....	65,453	Sept. 24	130	1305
Neustadt, Victor, New York, N. Y. Beer.....	60,940	Feb. 26	126	3417
New Brunswick Chemical Co., New Brunswick, N. J., assignor to L. L. Grombacher, New York, N. Y. Anesthetic preparations for hypodermic injections.....	61,034	Feb. 26	126	3419
New Century Milling Company, Dallas, Tex. Wheat-flour.....	63,316	June 11	128	2525
New Departure Manufacturing Company, Bristol, Conn. Bells, except electric bells.....	60,981	Feb. 26	126	34-8
New Departure Manufacturing Company, Bristol, Conn. Bells, except electric bells.....	60,982	Feb. 26	126	3418
New England Cotton Yarn Co., Boston, Mass. Cotton thread.....	59,892	Jan. 22	126	1349
New England Cotton Yarn Co., Boston, Mass. Cotton thread.....	59,893	Jan. 22	126	1349
New England Cotton Yarn Co., Boston, Mass. Cotton thread.....	59,894	Jan. 22	126	1349
New England Cotton Yarn Co., Boston, Mass. Cotton thread.....	59,908	Jan. 22	126	1349
New England Cotton Yarn Co., Boston, Mass. Cotton thread.....	59,909	Jan. 22	126	1349
New England Cotton Yarn Co., Boston, Mass. Cotton thread.....	62,120	Apr. 16	127	2813
New England Cotton Yarn Co., Boston, Mass. Cotton thread.....	64,393	Aug. 6	129	2494
New England Cotton Yarn Co., Boston, Mass. Cotton thread.....	64,394	Aug. 6	129	2494
New England Cotton Yarn Co., Boston, Mass. Cotton thread.....	64,395	Aug. 6	129	2495
New England Cotton Yarn Co., Boston, Mass. Cotton thread.....	64,396	Aug. 6	129	2495
New England Cotton Yarn Co., Boston, Mass. Cotton thread.....	64,397	Aug. 6	129	2495
New England Gas & Coke Company, Boston and Everett, Mass. Coke.....	66,846	Dec. 31	131	2412
New England Supply Co., Providence, R. I., and Philadelphia, Pa. Potato-chips.....	59,923	Jan. 22	126	1349
New England Supply Co., Providence, R. I., and Philadelphia, Pa. Potato-chips.....	59,924	Jan. 22	126	1349
New England Supply Co., Providence, R. I., and Philadelphia, Pa. Dried beef and bacon.....	64,746	Aug. 20	129	3155
New Era Milling Company, Arkansas City, Kans. Wheat-flour.....	62,652	May 21	128	1285
New Era Milling Company, Arkansas City, Kans. Wheat-flour.....	62,945	May 28	128	1685
New Era Milling Company, Arkansas City, Kans. Wheat-flour.....	64,312	July 30	129	2071
New Holstein Canning Company, New Holstein, Wis. Canned vegetables.....	59,759	Jan. 15	126	1059
New Holstein Canning Company, New Holstein, Wis. Canned vegetables.....	59,760	Jan. 15	126	1059
New Holstein Canning Company, New Holstein, Wis. Canned vegetables.....	60,077	Jan. 2	126	1767
New Home Sewing Machine Company. (See New Home Sewing Machine Company, assignor.)				
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	59,940	Jan. 22	126	1350
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	59,941	Jan. 22	126	1350
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	59,942	Jan. 22	126	1350
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	59,943	Jan. 22	126	1350
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	59,948	Jan. 22	126	1350
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	59,949	Jan. 22	126	1350
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	59,950	Jan. 22	126	1350
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	59,951	Jan. 22	126	1350
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	59,952	Jan. 22	126	1350
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	59,953	Jan. 22	126	1350
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	60,078	Jan. 23	126	1767
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	60,079	Jan. 23	126	1767
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	60,080	Jan. 23	126	1767
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	60,723	Feb. 19	126	3035
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	60,724	Feb. 19	126	3035
New Home Sewing Machine Company, Orange, Mass., assignor to New Home Sewing Machine Company. Sewing-machines and attachments.....	60,725	Feb. 19	126	3035

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New Jersey Car Spring & Rubber Co., Jersey City, N. J. Hose and belting made of rubber composition and duck.	62,406	May 7	128	449
New Jersey Handkerchief Company, Passaic, N. J. Handkerchiefs.	59,115	Jan. 1	126	379
New Jersey Handkerchief Company, Passaic, N. J. Handkerchiefs.	59,167	Jan. 1	126	381
New Kensington Distilling Co., New Kensington, Pa. Whisky.	66,107	Nov. 12	131	685
New Orleans Acid and Fertilizer Company, Union township, N. J. Fertilizers for cotton-plants.	59,706	Jan. 15	126	1058
New Orleans Acid and Fertilizer Company, Union township, N. J. Fertilizers.	60,904	Feb. 26	126	3416
New Orleans Acid and Fertilizer Company, Union township, N. J. Fertilizers.	60,905	Feb. 26	126	3416
New Orleans Acid and Fertilizer Company, Union township, N. J. Fertilizers.	60,906	Feb. 26	126	3416
New Orleans Acid and Fertilizer Company, Union township, N. J. Fertilizers.	64,428	Aug. 6	129	2495
New Orleans Brewing Company, New Orleans, La. Malt extract.	64,148	July 23	129	1606
New Orleans Brewing Company, New Orleans, La. Beer.	64,838	Aug. 27	129	3495
New Orleans Import Co., Limited, New Orleans, La. Seasoning preparation.	59,925	Jan. 22	126	1349
New Orleans Import Co., Limited, New Orleans, La. Blended teas.	60,111	Jan. 23	126	1768
New Orleans Import Company, Limited, New Orleans, La. Ground and whole spices.	59,086	Jan. 1	126	379
New Prague Flouring Mill Company, New Prague, Minn. Wheat-flour.	61,905	Apr. 9	127	2390
New Prague Flouring Mill Company, New Prague, Minn. Wheat-flour.	61,906	Apr. 9	127	2390
New Ulm Roller Mill Company, New Ulm, Minn. Wheat-flour.	64,446	Aug. 6	129	2496
"New Way" Motor Company, Lansing Mich. Stationary and marine internal-combustion engines.	62,457	May 7	128	451
New York Butchers Dressed Meat Company, New York, N. Y. Fresh meats.	60,685	Feb. 19	126	3034
New York Butchers Dressed Meat Company, New York, N. Y. Fresh meats.	60,863	Feb. 26	126	3415
New York Consolidated Card Company, New York, N. Y. Playing-cards.	59,137	Jan. 1	126	380
New York Consolidated Card Company, New York, N. Y. Playing-cards.	60,313	Feb. 5	126	2182
New York Consolidated Card Company, New York, N. Y. Playing-cards.	60,314	Feb. 5	126	2182
New York Consolidated Card Company, New York, N. Y. Playing-cards.	60,907	Feb. 26	126	3416
New York Consolidated Card Company, New York, N. Y. Playing-cards.	60,908	Feb. 26	126	3416
New York Consolidated Card Company, New York, N. Y. Playing-cards.	60,909	Feb. 26	126	3416
New York Consolidated Card Company, New York, N. Y. Playing-cards.	60,910	Feb. 26	126	3416
New York Dash & Axle Manufacturing Company, New York, N. Y. Self-lubricating axles.	60,041	Jan. 22	126	1353
New York Glucose Co., New York, N. Y. Laundry starch.	63,646	July 2	129	474
New York Glucose Co., New York, N. Y. Laundry starch.	63,647	July 2	129	474
New York Glucose Co., New York, N. Y. Corn-starch.	63,836	July 9	129	865
New York Leather Belting Co., New York, N. Y. Leather belting.	60,758	Feb. 19	126	3036
New York Leather Belting Co., New York, N. Y. Leather belting.	64,683	Aug. 20	129	3154
New York Leather Belting Co., New York, N. Y. Leather belting.	65,025	Sept. 3	130	294
New York Mackintosh Company, New York, N. Y. Women's coats cloaks, rain-coats, suits, and outer skirts.	61,263	Mar. 12	127	842
New York Specialty Co., New York, N. Y. Metallic bottle-stoppers.	60,983	Feb. 26	126	3418
New York Sporting Goods Co., New York, N. Y. Certain sporting goods.	59,960	Jan. 22	126	1351
New York Vitak Company, New York, N. Y. Optical projecting apparatus and films.	65,124	Sept. 10	130	650
Newark Paraffine & Parchment Paper Co., New York, N. Y. Waxed paper and butter-wrappers.	61,411	Mar. 19	127	1249
Newark Tortoise Shell Novelty Co., Newark, N. J. Combs and hair-pins.	62,786	May 28	128	1681
Newland, James F., Fort Dodge, Iowa. Bread-boards.	63,881	July 9	129	866
Newman, Adolph, Philadelphia, Pa. Women's and misses' leather shoes.	63,713	July 2	129	476
Newman Clock Co., Chicago, Ill. Time-recorders, clocks, and watches.	61,308	Mar. 12	127	843
Newman Clock Company, Chicago, Ill. Portable watchmen's clocks and dials therefor.	60,392	Feb. 5	126	2184
Newman, Julius C., Cleveland, Ohio. Cigars.	66,562	Dec. 10	131	1682
Newman, William J., Boston, Mass. Leather boots and shoes.	62,622	May 14	128	882
Newton Machine Tool Works, Incorporated, Philadelphia, Pa. Certain machinery.	62,316	Apr. 30	127	3637
Nicholas, Chas. W., Boone, Iowa. Detergent cleaning compounds.	65,346	Sept. 17	130	974
Nielsen, Fred, Milwaukee, Wis. Bread.	63,862	July 9	129	866
Nienaber, John B. J., Covington, assignor to Ryeland Distilling Company, Louisville, Ky. Whisky.	64,887	Aug. 27	129	3496
Nienstadt, August E., New York, N. Y. Compounds for the extermination of mosquitos.	60,170	Jan. 29	126	1770
Nietert, Henry J., Walker, Iowa. Milk, cream, butter, and cheese.	59,813	Jan. 15	126	1061
Nightingale Company, New York, N. Y. Wooden doors and wooden flooring.	63,837	July 9	129	865
Niles & Moser, Kansas City, Mo. Cigars.	59,268	Jan. 1	126	383
Nineteen Hundred Washer Co., Binghamton, N. Y. Washing-machines and wringers.	61,501	Mar. 26	127	1572
Nixon, James B., New York, N. Y. Soluble sulfur compound.	63,154	June 11	128	2521
No. Lubec Mfg. & Canning Co., North Lubec, Me. Canned sardines.	61,787	Apr. 2	127	1989
Noake-Wheeler-Clough Company, Chicago, Ill. Varnishes.	61,339	Mar. 19	127	1247
Noake-Wheeler-Clough Company, Chicago, Ill. Varnishes, stains, japans, surfacers, and interior and exterior finishes.	61,813	Apr. 9	127	2387
Noe, Wm. R., New York, N. Y. Lamp-chimneys.	62,358	Apr. 30	127	3638
Noide Brothers, Richmond, Va. Bread.	64,573	Aug. 13	129	2853
Noide, John T., St. Louis, Mo. Certain dental supplies.	62,957	June 4	128	2077
Norddeutsche Kartoffelmehl-Fabrik mit beschränkter Haftung, Cüstrin, Germany. Glucose, grape-sugar, and potato-starch syrup.	65,263	Sept. 17	130	971
Norddeutsche Wollkammerei & Kammgarnspinnerei, Bremen and Delmenhorst, Germany. Inks.	62,605	May 14	128	881
Nordin, John A., Atlantic City, N. J. Remedy for seasickness.	61,950	Apr. 9	127	2391
Norfolk Silk Company, Jersey City, N. J., and Norfolk, Va. Dress-silks.	59,116	Jan. 1	126	370
Norris, Du Wane, Chicago, Ill. Chewing-gum.	59,230	Jan. 1	126	382
North, Abner B., Morristown, N. J. Apparatus for cooking by retained heat.	60,201	Jan. 29	126	1771
North Bro's Mfg. Co., Philadelphia, Pa. Ice-cream freezers.	59,491	Jan. 8	126	752
North Bro's Mfg. Co., Philadelphia, Pa. Ice-cream freezers.	59,492	Jan. 8	126	752
North Bro's Mfg. Co., Philadelphia, Pa. Ice-cream freezers.	59,493	Jan. 8	126	752
North Bro's Mfg. Co., Philadelphia, Pa. Ice-cream freezers.	59,494	Jan. 8	126	752
North Bro's Mfg. Co., Philadelphia, Pa. Ice-cream freezers.	59,495	Jan. 8	126	752
North Bro's Mfg. Co., Philadelphia, Pa. Ratchet-hand-tool handles.	60,333	Feb. 5	126	2183
North Bro's Mfg. Co., Philadelphia, Pa. Hand-drills and drill-bits.	63,008	June 4	128	2078
North Bros. Mfg. Co., Philadelphia, Pa. Ice-cream freezers.	64,041	July 23	129	1603
North Electric Company, Cleveland, Ohio. Certain electrical apparatus.	61,884	Apr. 9	127	2389
North Texas Dry Goods Company, Paris, Tex. Hosiery.	59,269	Jan. 1	126	383
Northern Brewery Company, Portland, Oreg. Beer.	66,054	Nov. 5	131	355
Northern Maine Packing Company, Corinna, Me. Canned vegetables.	59,761	Jan. 15	126	1059
Northern Maine Packing Company, Corinna, Me. Canned vegetables.	59,762	Jan. 15	126	1059
Northern Maine Packing Company, Corinna, Me. Canned vegetables.	59,763	Jan. 15	126	1059
Northern Maine Packing Company, Corinna, Me. Canned vegetables.	59,764	Jan. 15	126	1059
Northern Maine Packing Company, Corinna, Me. Canned vegetables.	60,281	Feb. 5	126	2182
Northern Manufacturing Company, Bangor, Me. Paints.	66,236	Nov. 19	131	935
Northampton Portland Cement Co., New York, N. Y. Portland cement.	63,611	July 2	129	473
Northwestern Cereal Co. Inc., Ballard, Wash. Cereal breakfast foods.	59,312	Jan. 8	126	747
Northwestern Consolidated Milling Company, Minneapolis, Minn. Wheat-flour.	61,788	Apr. 2	127	1989
Northwestern Fisheries Company, Seattle, Wash. Canned fish.	63,054	June 4	128	2080
Northwestern Fisheries Company, Seattle, Wash. Canned fish.	63,055	June 4	128	2080
Northwestern Fisheries Company, Seattle, Wash. Canned fish.	63,056	June 4	128	2080
Northwestern Fisheries Company, Seattle, Wash. Canned fish.	63,079	June 4	128	2080

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Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,081	June 4	128	2080
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,082	June 4	128	2080
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,083	June 4	128	2080
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,102	June 4	128	2081
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,103	June 4	128	2081
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,128	June 4	128	2082
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,155	June 11	128	2521
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,156	June 11	128	2521
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,157	June 11	128	2521
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,158	June 11	128	2521
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,200	June 11	128	2522
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,317	June 11	128	2525
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,318	June 11	128	2525
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,319	June 11	128	2526
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,447	June 18	128	2832
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,461	June 18	128	2832
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,534	June 25	128	3283
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,535	June 25	128	3283
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,736	July 2	129	476
Northwestern Fisheries Company, Seattle, Wash. Canned salmon.....	63,882	July 9	129	866
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	63,912	July 16	129	1261
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	64,068	July 23	129	1604
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	64,069	July 23	129	1604
Northwestern Fisheries Company, Seattle, Wash. Canned fish.....	66,181	Nov. 12	131	687
Norton, Columbus L., Statesville, N. C. Non-alcoholic tonic beverage.....	60,911	Feb. 26	126	3416
Norton Company, Worcester, Mass. Certain abrasive and polishing materials.....	63,338	June 18	128	2829
Norton Company, Worcester, Mass. Certain abrasive and polishing materials, tools, implements, and machinery.....	64,093	July 23	129	1605
Norway Pharmacal Company, New York, N. Y. Liquid compounds of cod-liver oil.....	62,473	May 7	128	451
Norwich Pharmacal Company, New York, N. Y. Effervescent salts.....	64,664	Aug. 20	129	3153
Novelty Candy Co., New York, N. Y. Candy.....	66,182	Nov. 12	131	687
Novelty Knitting Co., Albany, N. Y. Certain knitted goods.....	65,567	Oct. 8	130	1683
Novelty Manufacturing Company, Jackson, Mich. Heating-stoves and portable ovens.....	60,081	Jan. 29	126	1767
Novelty Manufacturing Company, Jackson, Mich. Heating stoves, (fluid-fuel burning,) and particularly oil-stoves.....	60,540	Feb. 12	126	2583
Novick Bros., New York, N. Y. Coats, vests, and pants.....	65,909	Oct. 29	130	2714
Nowak Manufacturing Company, Chicago, Ill. Substance for use in the manufacture of leather.....	60,726	Feb. 19	126	3035
Noxal Polish Manufacturing Co., Philadelphia, Pa. Furniture-polish.....	64,174	July 30	129	2067
Noxal Polish Manufacturing Company, Philadelphia, Pa. Metal-polish.....	64,503	Aug. 13	129	2851
Noxite Chemical Co., Chattanooga, Tenn. Breath-perfume mixture.....	64,313	July 30	129	2071
Noyes & Company, Joseph P., Binghamton, N. Y. Combs made from a plastic composition.....	59,496	Jan. 8	126	752
Noyes-Norman Shoe Co., St. Joseph, Mo. Leather shoes.....	63,241	June 11	128	2523
Noyes-Norman Shoe Co., St. Joseph, Mo. Leather shoes.....	64,793	Aug. 20	129	3156
Number One Distillery Co., Cincinnati, Ohio. Whisky.....	65,809	Oct. 22	130	2367
Nunn, Henry S., London, England. Cocoa and chocolate.....	59,450	Jan. 8	126	751
Nussey, Arthur, Patterson, N. J. Bug-powder.....	62,700	May 21	128	1287
Nutricia Milk Company, Milwaukee, Wis. Nursing and dietary milk.....	59,287	Jan. 1	126	384
Nutritment Company, Woodbury, N. J., and Philadelphia, Pa. Granular curdling agent.....	63,648	July 2	129	474
Nye, William F., New Bedford, Mass. Oil for lubricating, cleaning, and polishing purposes and for preventing rust.....	61,814	Apr. 9	127	2387
O. A. Miller Treeing Machine Company, Portland, Me., and Boston, Mass. Boot and shoe trees, shoe-forms, lasts, and followers.....	65,704	Oct. 15	130	2068
O. K. Stock Food Company. (See Lambert, Daniel J., assignor.)				
O. W. Peirce Company, La Fayette, Ind. Corn-syrup.....	62,249	Apr. 30	127	3635
O'Brien, Patrick T., Philadelphia, Pa. Whisky.....	60,381	Feb. 5	126	2184
O'Brien Worthen Co., Keokuk, Iowa. Tooth-paste, tooth-powder, and tooth-wash.....	60,171	Jan. 29	126	1770
O'Bryan Bros., Louisville, Ky. Whisky.....	66,802	Dec. 31	131	2411
O'Bryan Bros., Louisville, Ky. Whisky.....	66,803	Dec. 31	131	2411
O'Connell & Gruss, Chicago, Ill. Cigars.....	60,561	Feb. 12	126	2584
O'Donnell, John F., Kansas City, Mo. Cigars.....	64,398	Aug. 6	129	2495
O'Neil & Richardson, Glenwood Springs, Colo. Whisky.....	65,948	Oct. 29	130	2715
O'Toole, James F., Baltimore, Md. Wine.....	62,045	Apr. 16	127	2811
Oakdale Baking Company, Philadelphia, Pa. Pretzels.....	60,293	Feb. 5	126	2182
Oakdale Baking Company, Philadelphia, Pa. Pretzels, cakes, crackers, biscuits, and bread.....	60,460	Feb. 12	126	2581
Oakdale Baking Company, Philadelphia, Pa. Pretzels.....	65,403	Sept. 24	130	1304
Oakland Vinegar and Pickle Co., Saginaw, Mich. Vinegars and pickles.....	66,302	Nov. 19	131	937
Oakman Manufacturing Company, New York, N. Y. Gas-burners.....	62,514	May 14	128	879
Oberföhl, Otto, Achem, Germany. Distilled fruit-juices.....	65,169	Sept. 10	130	651
Obernauer, Herman, Pittsburg, Pa. Gin.....	61,094	Mar. 5	127	386
Obernauer, Herman, Pittsburg, Pa. Whisky.....	61,095	Mar. 5	127	386
Obrock, August, New York, N. Y. Antiseptic salve.....	61,172	Mar. 5	127	388
Oelschlaeger Bros., New York, N. Y. Certain measuring and scientific apparatus, appliances, and instruments.....	61,340	Mar. 19	127	1247
Oemler, Augustus, Savannah, Ga. Canned hash-meat.....	61,622	Mar. 26	127	1575
Oesterreichische Daimler-Motoren-Gesellschaft Gesellschaft mit beschränkter Haftung, Vienna, Austria-Hungary. Automobiles.....	66,337	Nov. 19	131	938
Offene Handelsgesellschaft Schröder, Smidt & Co., Bremen, Germany. Hides, skins, and furs.....	66,727	Dec. 24	131	2140
Officine Turckheimer per Automobili e Velocipedi, Milan, Italy. Automobiles, motor-cycles, and parts thereof, except rubber tires.....	59,497	Jan. 8	126	752
Offley, Torrestre & Co., London, England. Port-wine.....	62,026	Apr. 16	127	2810
Offley, Forrester & Co., London, England. Port-wine.....	64,149	July 23	129	1606
Offley, Forrester & Co., London, England. Port-wine.....	66,815	Dec. 31	131	2412
Ogden and Shimer, Middletown, N. Y. Toilet cream.....	66,522	Dec. 10	131	1681
Ogden and Shimer, Middletown, N. Y. Cough mixture.....	66,647	Dec. 17	131	1936
Ohio Bottling Co., Cincinnati, Ohio. Mineral waters, seltzer, ginger-ale, and lithia-water.....	62,557	May 14	128	880
Ohio Brass Company, Mansfield, Ohio. Valves.....	65,218	Sept. 10	130	652
Ohio Coffee & Spice Company, Columbus, Ohio. Coffee.....	60,661	Feb. 19	126	3033
Ohio Coffee & Spice Company, Columbus, Ohio. Coffee.....	61,056	Mar. 5	127	385
Ohio Coffee & Spice Company, Columbus, Ohio. Coffee.....	63,129	June 4	128	2082
Ohio Coffee & Spice Company, Columbus, Ohio. Coffee.....	64,920	Aug. 27	129	3497
Ohio Cultivator Co., Bellevue, Ohio. Flows.....	59,618	Jan. 15	126	1055
Ohio Injector Company, Wadsworth, Ohio. Injectors for stationary and locomotive steam-boilers.....	61,712	Apr. 2	127	1987
Ohio Match Company, Wadsworth, Ohio. Matches.....	61,985	Apr. 16	127	2809
Ohio Match Company, Wadsworth, Ohio. Matches.....	61,986	Apr. 16	127	2809
Ohio Match Company, Wadsworth, Ohio. Matches.....	61,987	Apr. 16	127	2809

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Name, residence, and title.	No.	Date.	Official Gazette.	
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Ohio Mining and Manufacturing Co., Shawnee, Ohio, and New York, N. Y. Building bricks or blocks.	60,997	Feb. 26	126	3418
Ohio Mining & Manufacturing Co., Shawnee, Ohio. Building bricks or blocks.	65,104	Sept. 10	130	649
Ohio Mining & Manufacturing Co., New York, N. Y., and Shawnee, Ohio. Building bricks or blocks.	66,253	Nov. 19	131	936
Ohio Tool Company, Auburn, N. Y., and Columbus, Ohio. Certain edge-tools.	61,921	Apr. 9	127	2391
Omo Liniment Co., Boston, Mass. Liniments.	61,713	Apr. 2	127	1987
Oklahoma Portland Cement Company, Ada, Ind. Ter. Portland cement.	63,506	June 25	128	3282
Oklahoma Wholesale Grocer Co., Oklahoma, Okla. Ter. Canned vegetables.	61,096	Mar. 5	127	386
Old Fort Chemical Company, Fort Wayne, Ind. Rheumatic, kidney, and bladder remedies.	65,026	Sept. 3	130	294
Olian Bros. & Co., St. Louis, Mo. Shirt-waists and shirt-waist suits.	64,150	July 23	129	1606
Oliver-Finnie Co., Memphis, Tenn. Coffee and tea.	64,747	Aug. 20	129	3155
Oliver-Finnie Co., Memphis, Tenn. Coffee and tea.	64,748	Aug. 20	129	3155
Oliver-Finnie Co., Memphis, Tenn. Maple-syrup and table-syrups.	64,794	Aug. 20	129	3156
Oliver-Finnie Co., Memphis, Tenn. Baking-powder.	64,855	Aug. 27	129	3496
Oliver-Finnie Co., Memphis, Tenn. Certain foods.	64,921	Aug. 27	129	3497
Oliver-Finnie Co., Memphis, Tenn. Certain foods.	64,922	Aug. 27	129	3497
Oliver-Finnie Co., Memphis, Tenn. Certain foods.	64,923	Aug. 27	129	3497
Oliver-Finnie Co., Memphis, Tenn. Candies, crystallized fruits, and glacé fruits.	65,054	Sept. 3	130	295
Oliver-Finnie Co., Memphis, Tenn. Certain beverages and preparations for making beverages.	65,088	Sept. 3	130	296
Oliver-Finnie Co., Memphis, Tenn. Candies, crystallized fruits, and glacé fruits.	65,125	Sept. 10	130	650
Oliver-Finnie Co., Memphis, Tenn. Butter and cheese.	65,126	Sept. 10	130	650
Oliver-Finnie Co., Memphis, Tenn. Coffee and tea.	65,127	Sept. 10	130	650
Oliver-Finnie Co., Memphis, Tenn. Certain cereal foods.	65,142	Sept. 10	130	650
Oliver-Finnie Co., Memphis, Tenn. Coffee.	65,143	Sept. 10	130	650
Oliver-Finnie Co., Memphis, Tenn. Certain cereal foods.	65,144	Sept. 10	130	650
Oliver-Finnie Co., Memphis, Tenn. Baking-powder.	65,170	Sept. 10	130	651
Oliver-Finnie Co., Memphis, Tenn. Coffee and tea.	65,265	Sept. 17	130	971
Olmsted, Lewis G., Peru, Ill. Dentifrice used in taking care of the teeth, gums, and mouth.	63,239	June 11	128	2523
Olmsted, Samuel R., New York, N. Y. Liquid metal-polish.	59,336	Jan. 8	126	748
Omach & Stedman, South Bend, Ind. Cigars.	64,988	Sept. 3	130	294
Omo Manufacturing Company, Middletown, Conn. Dress-shields.	62,297	Apr. 30	127	3636
Omo Manufacturing Company, Middletown, Conn. Dress-shields.	61,486	Mar. 26	127	1571
On-Riah Co., Cincinnati, Ohio. Depilatory.	64,263	July 30	129	2070
Oneida Brewing Co., Utica, N. Y. Ales and porter.	59,357	Jan. 8	126	748
Oneida Community Limited, Kenwood, N. Y. Certain jewelry and solid and plated precious-metal ware.	59,707	Jan. 15	126	1058
Oneida Community Limited, Kenwood, N. Y. Certain thread.	62,250	Apr. 30	127	3655
Oneida Community Limited, Oneida and Niagara Falls, N. Y. Animal-traps.	61,173	Mar. 5	127	388
Oneida Community Ltd., Oneida and Niagara Falls, N. Y. Animal-traps.	65,497	Oct. 8	130	1681
Oneida Community Ltd., Oneida and Niagara Falls, N. Y. Animal-traps.	65,498	Oct. 8	130	1681
Oneida Community Ltd., Oneida and Niagara Falls, N. Y. Animal-traps.	65,538	Oct. 8	130	1683
Oneida Community Limited, Oneida and Niagara Falls, N. Y. Metal animal-ties.	66,338	Nov. 19	131	938
Oneita Knitting Mills, Utica, N. Y. Knit underwear.	60,984	Feb. 26	126	3418
Openhym & Sons, Wm., New York, N. Y. Crapes and nun's veilings.	59,337	Jan. 8	126	748
Openhym & Sons, Wm., New York, N. Y. Ribbons.	66,339	Nov. 19	131	938
Oppenheimer, Franc & Langsdorf, New York, N. Y. Cravats.	64,598	Aug. 13	129	2854
Oppenheimer & Levy, S., New York, N. Y. Net veilings.	64,224	July 30	129	2068
Oppenheimer, Straus and Company, Cincinnati, Ohio. Men's outer and dress shirts and negligée shirts.	64,324	July 30	129	2071
Optical Specialties Company, Boston, Mass. Bifocal lenses.	66,222	Nov. 19	131	935
Orchard & Wilhelm Carpet Co., Omaha, Nebr. Furniture-polish.	65,598	Oct. 8	130	1684
Orchard & Wilhelm Carpet Co., Omaha, Nebr. Furniture-polish.	65,727	Oct. 22	130	2365
Oregon Nursery Company, Ltd., Salem, Oreg. Fruit-trees, buds, and scions thereof.	60,393	Feb. 5	126	2185
Oriental Comp., New York, N. Y. Poisons for exterminating vermin.	59,270	Jan. 1	126	384
Orientalische Tabak und Cigarettenfabrik-Yenidze, Inhaber Hugo Zietz, Dresden, Germany. Cigarettes and smoking-tobacco.	65,682	Oct. 15	130	2062
Organ Power Corporation, Hartford, Conn. Certain machinery.	62,801	May 28	128	1681
Organ Power Corporation, Hartford, Conn. Certain machinery.	62,816	May 28	128	1682
Organ Power Corporation, Hartford, Conn. Water-motors, water-motor pumps, water-lifts.	62,911	May 28	128	1684
Orr Cotton Mills, Anderson, S. C. Sheetings.	59,338	Jan. 8	126	748
Orr Cotton Mills, Anderson, S. C. Sheetings.	59,339	Jan. 8	126	748
Osborn, Guy, Mount Vernon and New York, N. Y. Hydrogen peroxid.	66,056	Nov. 5	131	355
Osborne Company, Newark, N. J., and New York, N. Y. Advertising-calendars and advertising-blotters.	65,333	Sept. 17	130	973
Osborne, Owen, Philadelphia, Pa. Hosiery.	60,773	Feb. 19	126	3036
Osborne, Owen, Philadelphia, Pa. Hosiery.	62,359	Apr. 30	127	3638
Osborne, Owen, Philadelphia, Pa. Hosiery.	62,360	Apr. 30	127	3638
Osgood, C. H. & F. L., Norwich, Conn. Fever and ague remedies.	63,287	June 11	128	2525
Oshkosh Clothing Manufacturing Company, Oshkosh, Wis. Overalls, blouses, coats, vests, and trousers.	60,082	Jan. 29	126	1767
Oswego Boiler & Engine Co., New York, N. Y. Hot-water and steam boilers.	60,686	Feb. 19	126	3034
Otis Company, Ware, Mass. Knitted underwear.	64,795	Aug. 20	129	3156
Ottersen, William C., New York, N. Y. Certain medicine.	65,857	Oct. 29	130	2713
Otto & Son, J. N. W., New Orleans, La. Remedy for rheumatism, neuralgia, and gout.	59,765	Jan. 15	126	1059
Owen China Company, Minerva, Ohio. Vases, mugs, tankards, and clock-cases.	59,117	Jan. 1	126	379
Owen China Company, Minerva, Ohio. Certain porcelain articles.	61,570	Mar. 26	127	1573
Owen, Richard W., Sr., Chicago, Ill. Certain leather manufactures.	64,796	Aug. 20	129	3156
Owens, T. Lloyd, Savannah, Ga. Coffee.	61,651	Apr. 2	127	1985
Owens, T. Lloyd, Savannah, Ga. Coffee.	66,303	Nov. 19	131	937
Ozوجل Co., New York, N. Y. Certain pharmaceutical preparation.	62,890	May 28	128	1684
Ozomulsion Co., New York, N. Y. Emulsions of cod-liver oil.	63,581	June 25	128	3284
P. Bailly & Cie., Paris, France. Shoulder-braces and suspenders.	63,771	July 9	129	863
P. Bailly & Cie., Paris, France. Shoulder-braces and suspenders.	63,800	July 9	129	864
P. Bailly & Cie., Paris, France. Shoulder-braces and suspenders.	63,801	July 9	129	864
P. Lorillard Company, Jersey City, N. J. Chewing and smoking tobacco.	65,759	Oct. 22	130	2366
P. Trent Co., Cincinnati, Ohio. Wheat-flour.	61,571	Mar. 26	127	1573
P. G. Manufacturing Company, Homewood, Ill. Golf-clubs and implements and parts thereof.	62,958	June 4	128	2077
P. J. Valckenberg, Limited, Worms, Germany. Rhine wines.	60,912	Feb. 26	126	3416
P. J. Valckenberg, Limited, Worms, Germany. Rhine wines.	60,941	Feb. 26	126	3417
P. L. Cusachs Limited, New Orleans, La. Remedy for venereal diseases.	63,940	July 16	129	1262
P. L. Cusachs Limited, New Orleans, La. Remedy for venereal diseases.	63,983	July 16	129	1263
P. L. Cusachs Limited, New Orleans, La. Toilet cream.	63,984	July 16	129	1263
P. M. Fletcher Company, New York, N. Y. Certain named electrical apparatus and supplies.	60,998	Feb. 26	126	3418
Pace & Co., C. W., Alberene, Va. Salve for the cure of external cancers.	59,516	Jan. 8	126	752
Pacific Coast Biscuit Co., Portland, Oreg. Crackers.	63,941	July 16	129	1262
Pacific Coast Biscuit Co., Portland, Oreg. Candy.	64,749	Aug. 20	129	3155
Pacific Coast Borax Co., Oakland, Cal.; New York, N. Y., and Chicago, Ill. Talcum powder.	64,859	Aug. 27	129	3496

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Pacific Coast Borax Co., Oakland, Cal.; New York, N. Y., and Chicago, Ill. Soap and bath powder.	64,969	Sept. 3	130	293
Pacific Coast Borax Co., Oakland, Cal.; Chicago, Ill., and New York, N. Y. Washing compound.	66,393	Nov. 26	131	1156
Pacific Coast Borax Company, Oakland, Cal.; Chicago, Ill., and New York, N. Y. Soap.	66,563	Dec. 10	131	1682
Pacific Coast Condensed Milk Co., Seattle, Wash. Condensed milk.	63,320	June 11	128	2526
Pacific Coast Rubber Co., Seattle, Wash. Certain medical and surgical appliances.	64,070	July 23	129	1604
Pacific Coast Rubber Co., Seattle, Wash. Certain rubber goods.	65,454	Sept. 24	130	1306
Pacific Coast Rubber Co., Seattle, Wash. Rubber tires and inner tubes.	66,006	Nov. 5	131	354
Pacific Coast Rubber Co., Seattle, Wash. Certain rubber goods.	66,866	Dec. 31	131	2413
Pacific Coast Rubber Co., Seattle, Wash. Certain rubber goods.	66,867	Dec. 31	131	2413
Pacific Manifolding Book Company, Oakland, Cal. Sales-books.	64,367	Aug. 6	129	2494
Pacific Milling Company Incorporated, San Francisco, Cal. Breakfast-wheat.	65,910	Oct. 29	130	2714
Pacific Novelty Company, New York, N. Y. Hair-pins, combs, and hair ornaments.	65,055	Sept. 3	130	295
Pacific Novelty Company, New York, N. Y. Ladies' hair-combs.	65,963	Nov. 5	131	353
Padgett, James T., New Bloomfield, Mo. Medicines for the prevention and cure of venereal diseases.	62,701	May 21	128	1287
Paducah Distilleries Co., Paducah, Ky. Gin.	60,218	Jan. 21	126	1771
Paducah Vinegar Works, Paducah, Ky. Cider.	65,683	Oct. 15	130	2062
Page Engineering Company of Baltimore City, Baltimore, Md. Gas and gasolene engines.	63,612	July 2	129	473
Page & Sandeman, London, England. Apricot-brandy.	62,334	Apr. 30	127	3637
Pain, Henry J., New York, N. Y. Fireworks.	61,309	Mar. 12	127	843
Pain, Henry J., New York, N. Y. Fireworks.	66,523	Dec. 10	131	1681
Pain, Henry J., New York, N. Y. Fireworks.	66,524	Dec. 10	131	1681
Palace Clothing Company, Topeka, Kans. Leather boots and shoes.	65,455	Sept. 24	130	1306
Palmer, Isaac E., Middletown, Conn. Open-mesh fabric for protection against insects.	60,136	Jan. 29	126	1769
Palmer, L. S., Belmont, Ohio. Cigars.	59,358	Jan. 8	126	748
Palmer, Mary L., Chicago, Ill. Heat-insulated receptacle.	60,927	Feb. 26	126	3417
Palmer, Mary E., New York, N. Y. Cigars in boxes.	61,354	Mar. 19	127	1247
Palmer-Price Company, Newark, N. J. Shellacs and varnishes.	60,137	Jan. 29	126	1769
Palmer-Price Company, Newark, N. J. Shellacs and varnishes.	60,138	Jan. 29	126	1769
Palmer-Price Co., Newark, N. J. Varnishes.	60,928	Feb. 26	126	3417
Palmer, Solon, New York, N. Y. Soap.	62,645	May 21	128	1285
Palmer, Solon, New York, N. Y. Soap.	62,646	May 21	128	1285
Palmer, Solon, New York, N. Y. Perfumes and perfumed toilet powders.	66,456	Nov. 26	131	1158
Pandora Overall Company, Pandora, Ohio. Boys' and men's overalls, coats, and pants.	65,568	Oct. 8	130	1683
Pandrocol Mfg. Co., New York, N. Y. Hair remedy.	63,582	June 25	128	3284
Pangborn Company, Thomas W., New York, N. Y. Certain machinery.	62,581	May 14	128	881
Pape, Walter, St. Louis, Mo. Certain cutlery and edge-tools.	64,618	Aug. 13	129	2854
Pape, Walter, St. Louis, Mo. Knives, razors, and shears.	66,444	Nov. 26	131	1157
Papendick & Co., St. Louis, Mo. Bread.	64,314	July 30	129	2071
Paraffin Paint Co., San Francisco, Cal. Certain paint and paint compounds.	65,279	Sept. 17	130	972
Paragon Malt Extract Co., New York, N. Y. Medicinal malt extracts.	59,766	Jan. 15	126	1059
Paragon Malt Extract Co., New York, N. Y. Malt extracts.	59,791	Jan. 15	126	1060
Paragon Malt Extract Co., New York, N. Y. Malt extract.	59,926	Jan. 22	126	1340
Paragon Malt Extract Co., New York, N. Y. Malt extracts.	61,117	Mar. 5	127	387
Paragon Malt Extract Co., New York, N. Y. Malt extract.	66,085	Nov. 5	131	356
Paragon Suspender Company, Atlanta, Ga. Suspenders.	66,201	Nov. 12	131	688
Paramount Knitting Company, Chicago, Ill. Hosiery.	60,842	Feb. 19	126	3038
Paramount Knitting Company, Chicago, Ill. Hosiery.	60,843	Feb. 19	126	3038
Paramount Knitting Company, Chicago, Ill. Hosiery.	60,844	Feb. 19	126	3038
Paramount Knitting Company, Chicago, Ill. Hosiery.	60,845	Feb. 19	126	3038
Paramount Knitting Company, Chicago, Ill. Hosiery.	66,340	Nov. 19	131	988
Paramount Knitting Company, Chicago, Ill. Hosiery.	66,341	Nov. 19	131	988
Paramount Knitting Co., Chicago, Ill. Hosiery.	66,702	Dec. 24	131	2139
Paramount Knitting Company, Chicago, Ill. Hosiery.	66,525	Dec. 10	131	1681
Parchen Drug Co., Helena, Mont. Certain pharmaceutical preparations.	65,027	Sept. 3	130	295
Parham-Matthews Hat Co., Cairo, Ill. Certain hats and caps.	65,539	Oct. 8	130	1683
Park, Louis M., Minneapolis, Minn. Natural lithia spring-water.	61,885	Apr. 9	127	2389
Park, Louis M., Minneapolis, Minn. Spring-water.	61,907	Apr. 9	127	2390
Park & Tilford, New York, N. Y. Cigars and cigarettes.	61,341	Mar. 19	127	1247
Park & Tilford, New York, N. Y. Cigars.	61,605	Mar. 26	127	1574
Park & Tilford, New York, N. Y. Cigars.	61,606	Mar. 26	127	1574
Park & Tilford, New York, N. Y. Cigars.	61,607	Mar. 26	127	1574
Park & Tilford, New York, N. Y. Cigars.	62,817	May 28	128	1682
Park & Tilford, New York, N. Y. Cigars.	62,864	May 28	128	1683
Park & Tilford, New York, N. Y. Cigars.	62,865	May 28	128	1683
Park & Tilford, New York, N. Y. Cigars.	64,556	Aug. 13	129	2852
Parker Brothers, Salem, Mass. Card game.	59,359	Jan. 8	126	748
Parker-Clark Electric Company, New York, N. Y. Incandescent electric lamps.	62,437	May 7	128	450
Parker Holmes and Company, Boston, Mass. Leather dressings, blackings, and polishes.	62,959	June 4	128	2077
Parker Holmes & Company, Boston, Mass. Leather boots, shoes, and slippers.	59,708	Jan. 15	126	1058
Parker Holmes & Company, Boston, Mass. Leather boots, shoes, and slippers.	59,709	Jan. 15	126	1058
Parker, John H., Malden, Mass. Certain knitted garments.	63,383	June 18	128	2850
Parker & Thomas Co., Portland, Me. Shirt-waists, shirt-waist suits, and wrappers.	66,162	Nov. 12	131	677
Parker, Webb & Co., Detroit, Mich. Leaf-lard.	62,458	May 7	128	451
Parnele Pharmacal Company, New York, N. Y. Medicinal and surgical lubricants.	59,168	Jan. 1	126	311
Parmis Company, A., New York, N. Y. Cigarettes.	64,429	Aug. 6	129	2495
Parrish, Charles H., Baltimore, Md. Flavoring extracts.	59,792	Jan. 15	126	1060
Parsons Paper Co., Holyoke, Mass. High-grade paper for use in writing, printing, and engraving.	61,530	Mar. 26	127	1572
Parsons Paper Co., Holyoke, Mass. High-grade paper for use in writing, printing, and engraving.	61,587	Mar. 26	127	1574
Parsons Paper Co., Holyoke, Mass. High-grade paper for use in writing, printing, and engraving.	61,588	Mar. 26	127	1574
Parsons Paper Co., Holyoke, Mass. High-grade paper for use in writing, printing, and engraving.	61,589	Mar. 26	127	1574
Pasco, Miles H., Grand Rapids, Mich. Remedy for the cure of catarrh.	60,042	Jan. 22	126	1353
Pater, Joseph J., Hamilton, Ohio. Smoked meats.	60,864	Feb. 26	126	3415
Patterson-Cabell Co., New York, N. Y. Fluid beef.	62,046	Apr. 16	127	2811
Patterson-Cabell Co., New York, N. Y. Canned soups and bouillons.	62,582	May 14	128	881
Patterson-Cabell Co., New York, N. Y. Stocks for soups and bouillons in liquid or paste form.	63,104	June 4	128	2081
Patterson, Clara B., Philadelphia, Pa. Hooks and eyes.	59,387	Jan. 8	126	749
Patterson & Coane, Philadelphia, Pa. Whisky.	59,360	Jan. 8	126	748
Patterson, Geo. H., Chicago, Ill. Magazine.	65,928	Oct. 29	130	2715
Patterson, Joseph E., Wilkes-Barre, Pa. Spring-water.	66,223	Nov. 19	131	935
Patterson Sargent Co., Cleveland, Ohio. Varnishes.	61,264	Mar. 12	127	842
Patterson Sargent Co., Cleveland, Ohio. Certain painters' materials.	66,770	Dec. 24	131	2141
Patterson, William H., Dallas, Tex. Liniment.	64,684	Aug. 20	129	3154
Patton Milling Company, Catlettsburg, Ky. Wheat-flour.	64,094	July 23	129	1605
Paul Brothers, Philadelphia, Pa. Leather boots, shoes, and slippers.	60,963	Feb. 26	126	3417
Paul Brothers, Philadelphia, Pa. Leather boots, shoes, and slippers.	60,964	Feb. 26	126	3418
Paul Brothers, Philadelphia, Pa. Leather boots, shoes, and slippers.	60,999	Feb. 26	126	3418

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Paul Brothers, Philadelphia, Pa. Leather boots, shoes, and slippers.....	61,134	Mar. 5	127	387
Paul Brothers, Philadelphia, Pa. Leather boots, shoes, and slippers.....	61,135	Mar. 5	127	387
Paul Brothers, Philadelphia, Pa. Leather boots, shoes, and slippers.....	61,136	Mar. 5	127	387
Paul Brothers, Philadelphia, Pa. Ladies' and misses' leather shoes and slippers.....	61,137	Mar. 5	127	387
Paul Brothers, Philadelphia, Pa. Leather boots, shoes, and slippers.....	61,138	Mar. 5	127	387
Paul Brothers, Philadelphia, Pa. Leather boots, shoes, and slippers.....	61,623	Mar. 26	127	1575
Paul Brothers, Philadelphia, Pa. Leather boots, shoes, and slippers.....	63,025	June 4	128	2079
Paul Brothers, Philadelphia, Pa. Leather boots, shoes, and slippers.....	63,242	June 11	128	2523
Paul Brothers, Philadelphia, Pa. Leather boots, shoes, and slippers.....	64,071	July 23	129	1604
Paul Brothers, Philadelphia, Pa. Leather boots shoes, and slippers.....	64,368	Aug. 6	129	2494
Paul Brothers, Philadelphia, Pa. Leather boots, shoes, and slippers.....	64,557	Aug. 13	129	2852
Paul F. Beich Co., Bloomington, Ill. Caramels.....	61,831	Apr. 9	127	2388
Paul, John C., Chicago, Ill. Compound for cleaning and polishing metal and plated ware.....	59,973	Jan. 22	126	1351
Pauli & Son, Charles F., Cincinnati, Ohio. Harness-leather.....	59,640	Jan. 15	126	1056
Pauli & Son, Charles F., Cincinnati, Ohio. Harness-leather.....	60,815	Feb. 19	126	3038
Paulson Brothers Company, Pittsburg, Pa. Certain clothing.....	61,386	Mar. 19	127	1248
Paxton & Gallagher Co., Omaha, Nebr. Certain cutlery.....	62,010	Apr. 16	127	2810
Paye and Baker Manufacturing Co., North Attleboro, Mass. Jewelry, solid, plated, and precious-metal ware.....	62,729	May 21	128	1287
Payne, George E., Augusta, Ga. Corn whisky.....	63,913	July 16	129	1261
Payne Shoe Company, Charleston, W. Va. Leather boots and shoes.....	63,473	June 25	128	3281
Payson Varnish Co., New York, N. Y. Certain painters' materials.....	64,750	Aug. 20	129	3155
Peace, Norman K., Sheffield, England. Tool-steel.....	60,797	Feb. 19	126	3037
Peal Medicine Company, Cleveland, Ohio. Nerve-tonics.....	61,198	Mar. 5	127	389
Pearson, Fisher H., Lowell, Mass. Magazines.....	65,323	Sept. 17	130	973
Pearson, William, Hamburg, Germany. Disinfectants, deodorants, germ-destroyers, and sheep-dip.....	59,517	Jan. 8	126	752
Pease, Myron E., Toledo, Ohio. Medicinal preparation in liquid, salve, or cream form.....	62,730	May 21	128	1287
Peerless Herb Co., Williamsport, Pa. Remedy for diseases of the blood, liver, stomach, and kidneys.....	61,199	Mar. 5	127	389
Peerless Rubber Manufacturing Company, New York, N. Y. Rubber belting, hose, and machinery packing.....	59,107	Jan. 1	126	379
Peerless Rubber Manufacturing Company, New York, N. Y. Rubber belting, hose, and machinery packing.....	59,108	Jan. 1	126	379
Peetz, Gustav E., New York, N. Y. Corsets, bust-forms, and supporters.....	61,423	Mar. 19	127	1249
Peirce, Truman B., Providence, R. I. Furniture-polish.....	59,038	Jan. 1	126	377
Pellow, Norman, Grand Rapids, Mich. Sizing plastic material.....	66,202	Nov. 12	131	688
Peninsular Paint and Varnish Company, Ltd., Detroit, Mich. Certain painters' materials.....	62,960	June 4	128	2077
Peninsular Paint and Varnish Company, Ltd., Detroit, Mich. Certain paints and painters' materials.....	65,911	Oct. 29	130	2714
Penn-American Plate Glass Co., Pittsburg, Pa. Certain glassware.....	61,449	Mar. 19	127	1250
Penn Drug Company, Chicago, Ill. Certain medicines.....	62,623	May 14	128	882
Penn Hardware Co., Reading, Pa. Certain fastening devices.....	60,610	Feb. 12	126	2585
Penn Tobacco Co., Wilkes-Barre, Pa. Smoking and chewing tobacco.....	59,414	Jan. 8	126	750
Penn Tobacco Co., Wilkes-Barre, Pa. Smoking and chewing tobacco.....	64,860	Aug. 27	129	3496
Penn Tobacco Co., Wilkes-Barre, Pa. Smoking and chewing tobacco.....	66,143	Nov. 12	131	686
Pennsylvania Chocolate Company, Pittsburg, Pa. Chocolate and cocoa.....	59,271	Jan. 1	126	384
Pennsylvania Chocolate Company, Pittsburg, Pa. Chocolate and cocoa.....	59,451	Jan. 8	126	751
Pennsylvania Chocolate Company, Pittsburg, Pa. Chocolate and cocoa.....	60,294	Feb. 5	126	2182
Pennsylvania Chocolate Company, Pittsburg, Pa. Chocolate and cocoa.....	60,295	Feb. 5	126	2182
Pennsylvania Chocolate Company, Pittsburg, Pa. Chocolate and cocoa.....	61,996	Apr. 16	127	2809
Pennsylvania Chocolate Company, Pittsburg, Pa. Chocolate and cocoa.....	66,608	Dec. 17	131	1935
Pennsylvania Metallic Packing Co., Pittsburg, Pa. Metallic, rubber, and fibrous packings and packing material.....	63,914	July 16	129	1261
Pennsylvania Primo Feed Company, Harrisburg, Pa. Stock and poultry food.....	66,804	Dec. 31	131	2411
Pennsylvania Rubber Company, Jeannette, Pa. Rubber packing, gaskets, and hose.....	65,499	Oct. 8	130	1682
Pennsylvania Steel Co., Philadelphia, Pa. Certain named castings.....	59,641	Jan. 15	126	1056
Pennsylvania Steel Co., Steelton, Pa. Castings for safes and vaults and their parts.....	64,529	Aug. 13	129	2852
Pennsylvania Tanning Company, Great Bend, Pa. Chamois-skins.....	66,304	Nov. 19	131	937
Peoples Shoe Co., Mobile, Ala. Leather and canvas boots and shoes.....	61,973	Apr. 16	127	2809
Pepsin Syrup Co., Monticello, Ill. Remedy for diseases of the stomach and bowels.....	61,686	Apr. 2	127	1986
Pepsol Chemical Company, Nashville, Tenn. Remedy for certain diseases.....	62,224	Apr. 23	127	3211
Pepsol Chemical Company, Nashville, Tenn. Non-alcoholic carbonated beverage.....	62,407	May 7	128	449
Peptol Company, Chicago, Ill. Powdered peptogenic food preparation.....	64,018	July 16	129	1264
Pequanoe Rubber Company, Butler, N. J. Reclaimed rubber.....	65,324	Sept. 17	130	973
Pequanoe Rubber Company, Butler, N. J. Reclaimed rubber.....	65,334	Sept. 17	130	973
Pequanoe Rubber Company, Butler, N. J. Reclaimed rubber.....	65,335	Sept. 17	130	973
Pequanoe Rubber Company, Butler, N. J. Reclaimed rubber.....	65,336	Sept. 17	130	973
Pereyra, Aurelio M., San Francisco, Cal. Cereal breakfast foods.....	66,595	Dec. 17	131	1955
Peres & Co., Jacob J., Memphis, Tenn. Canned vegetables.....	63,737	July 2	129	476
Peres, Daniel, Solingen, Germany. Penknives, razors, and scissors.....	60,727	Feb. 19	126	3035
Pérez & Co., E. G., New York, N. Y. Butter.....	65,070	Sept. 3	130	296
Perfect Safety Paper Co., Franklin, Ohio, and Chicago, Ill. Certain printing and writing paper.....	62,802	May 28	128	1681
Perfect Safety Paper Co., Franklin, Ohio, and Chicago, Ill. Printing and writing paper.....	63,009	June 4	128	2078
Perfection Glass Company, Washington, Pa. Jars.....	60,759	Feb. 19	126	3036
Perkins & Co., W. L., St. Paul, Minn. Whisky.....	59,039	Jan. 1	126	377
Perkins Electric Switch Mfg. Co., Bridgeport, Conn. Electrical switches.....	64,619	Aug. 13	129	2854
Perkins, John L., Holyoke, Mass. Inhaling devices.....	60,346	Feb. 5	126	2183
Perlberg, Edward, Jersey City and Hoboken, N. J. Leather shoes.....	63,474	June 25	128	3281
PeroLin Company of America, Chicago, Ill. Dust-laying antiseptics.....	63,663	July 2	129	474
Peroxident Manufacturing Company, St. Louis, Mo. Tooth-powder and tooth-paste.....	62,209	Apr. 23	127	3211
Peroxident Manufacturing Company, St. Louis, Mo. Almond-meal.....	62,285	Apr. 30	127	3636
Peroxident Manufacturing Company, St. Louis, Mo. Certain surgical dressing.....	63,010	June 4	128	2078
Peroxident Manufacturing Company, St. Louis, Mo. Antiseptic germicide and deodorant preparations.....	63,420	June 18	128	2831
Perry & Company Limited, Birmingham, England. Steel pens.....	65,834	Oct. 22	130	2368
Peruform Manufacturing Company, Mountain View, Cal. Surgical gauze for dressing wounds.....	59,674	Jan. 15	126	1057
Pervear Company, H. N., Providence, R. I. Jewelry.....	62,298	Apr. 30	127	3636
Peter Henderson & Co., New York, N. Y. Agricultural and horticultural seeds.....	66,183	Nov. 12	131	687
Peter Henderson & Co., New York, N. Y. Lawn-mowers.....	66,207	Nov. 12	131	688
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.....	60,942	Feb. 26	126	3417
Peter Schoenhofen Brewing Company, Chicago, Ill. Lager-beer.....	61,387	Mar. 19	127	1248
Peters Cartridge Company, Cincinnati, Ohio. Cartridges, powder, and percussion-caps.....	60,728	Feb. 19	126	3035
Peters Cartridge Company, Cincinnati, Ohio. Cartridges, loaded shells, caps, primers, and powder.....	63,613	July 2	129	473
Peters Cartridge Company, Cincinnati, Ohio. Cartridges, loaded shells, caps, primers, and powder.....	63,614	July 2	129	473
Peters Cartridge Company, Cincinnati, Ohio. Cartridges, loaded shells, caps, primers, and powder.....	63,615	July 2	129	473
Peters Cartridge Company, Cincinnati, Ohio. Cartridges, loaded shells, caps, primers, and powder.....	63,616	July 2	129	473

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Peters Cartridge Company, Cincinnati, Ohio. Cartridges, loaded shells, caps, primers, and powder.	63,617	July 2	129	473
Peters Cartridge Company, Cincinnati, Ohio. Cartridges, loaded shells, caps, primers, and powder.	65,656	Oct. 15	130	2062
Peters Cartridge Company, Cincinnati, Ohio. Cartridges, loaded shells, caps, primers, and powder.	66,374	Nov. 26	131	1155
Peters Shoe Co., St. Louis, Mo. Leather shoes.	60,846	Feb. 19	126	3038
Peters Shoe Co., St. Louis, Mo. Shoes made wholly or in part of leather.	63,370	June 18	128	2830
Peters, William H., Madison, Ind. Remedy for liver troubles.	59,767	Jan. 15	126	1059
Petersburg Leather Company, Petersburg, Va. Mat-kid.	62,234	Apr. 23	127	3212
Petersen, Edward A. C., deceased; M. J. Petersen, Chicago, Ill., administratrix. Bakers' ovens.	64,225	July 30	129	2068
Petersen, Minna J., administratrix. (See Petersen, Edward A. C.)				
Peterson, John, Buffalo, N. Y. Laxative tablets.	59,272	Jan. 1	126	384
Pettibone, Mulliken & Co., Chicago, Ill. Switch-stands.	59,987	Jan. 22	126	1351
Petit Medicine Company, Minneapolis, Minn. Remedy for affections and diseases of the kidneys.	63,178	June 11	128	2522
Pfeiffer, John, San Antonio, Tex. Certain toilet and medicinal preparations.	60,847	Feb. 19	126	3038
Pfister & Vogel Leather Company, Milwaukee, Wis. All kinds of leather.	61,572	Mar. 26	127	1574
Pfister & Vogel Leather Company, Milwaukee, Wis. All kinds of leather.	61,573	Mar. 26	127	1574
Pfister & Vogel Leather Company, Milwaukee, Wis. All kinds of leather.	61,574	Mar. 26	127	1574
Pfister & Vogel Leather Company, Milwaukee, Wis. All kinds of leather.	61,974	Apr. 16	127	2809
Pfleghardt, Lewis H., Fayette, Pa. Tooth-powder.	62,624	May 14	128	882
Pfodenhauer, Charles, New York, N. Y. Shoe-polish.	64,095	July 23	129	1405
Phelps Co., Meadville, Pa. Chocolate-covered candy.	61,226	Mar. 12	127	841
Phelps, Ephraim, Jr., New Orleans, La. Leather boots and shoes.	61,118	Mar. 5	127	87
Philadelphia Watch Case Co., Riverside, N. J. Watches, watchcases, and watch-movements.	65,337	Sept 17	130	973
Phillips & Clark Stove Co., Geneva, N. Y. Stoves and ranges, their parts and attachments.	64,200	July 30	129	2068
Phillips-Lafitte Company, Philadelphia, Pa. Welding or brazing plates.	59,452	Jan. 8	126	751
Phoenix Horse Shoe Co., Chicago, Ill. Horse and mule shoes.	61,450	Mar. 19	127	1250
Phoenix Manufacturing Co., Newark, N. J. Laundry tablets for washing clothes and fabrics.	60,965	Feb. 26	126	3418
Phoenix Mill Co., Minneapolis, Minn. Wheat-flour.	61,952	Apr. 9	127	2391
Phoenix Mill Co., Minneapolis, Minn. Wheat-flour.	61,953	Apr. 9	127	2391
Phoenix Pad Company, Baltimore, Md. Pads or padding for coats or garments.	64,861	Aug. 27	129	3496
Phoenix Pad Company, Baltimore, Md. Pads or padding for coats or garments.	64,862	Aug. 27	129	3496
Phoenix Silk Mfg. Co., Paterson, N. J. Silk piece goods and ribbons.	64,201	July 30	129	2068
Phoenix Woolen Co., Stafford, Conn. Woolen fabrics in the piece.	61,931	Apr. 9	127	2390
Phosphor-Bronze Smelting Co., Limited, Philadelphia, Pa. Metallic alloys.	64,751	Aug. 20	129	3155
Physicians Co-Operative Association, Chicago, Ill. Remedy for inebriety.	65,858	Oct. 29	130	2713
Physicians Supply Co., Louisville, Ky. Medicinal salts.	66,375	Nov. 26	131	1155
Picher Lead Company, Joplin, Mo. Pig-lead.	59,961	Jan. 22	126	1351
Picher Lead Company, Joplin, Mo. Lead pigments.	60,296	Feb. 5	126	2182
Picher Lead Company, Joplin, Mo. Lead pigments.	60,297	Feb. 5	126	2182
Picher Lead Company, Joplin, Mo. Lead pigments.	63,339	June 18	128	2829
Picher Lead Company, Joplin, Mo. Lead pigments.	63,340	June 18	128	2829
Picher Lead Company, Joplin, Mo. White pigment.	64,042	July 23	129	1603
Pickel & Hand, Slidell, La. Whisky.	59,727	Jan. 15	126	1058
Pickel & Hand, Slidell, La. Whisky.	64,880	Aug. 27	129	3496
Pickerill & Hill, Claffin, Kans. Wheat-flour.	60,662	Feb. 19	126	3033
Pickerill & Hill, Claffin, Kans. Wheat-flour.	60,663	Feb. 19	126	3033
Piedmont Manufacturing Co., Piedmont, S. C. Sheetings.	64,226	July 30	129	2068
Piequet, Paul, Rheims, France. Certain paints.	64,019	July 16	129	1264
Pierce, Louis D., New York, N. Y. Medicinal preparations for the relief of toothache.	61,277	Mar. 12	127	842
Pierres Ouvrées de la Salm Société Anonyme, Salm-Chateau, Belgium. Hones.	63,649	July 2	129	474
Pigott, John J., Childress, Tex. Certain leather manufactures.	61,975	Apr. 16	127	2809
Pillar Rock Packing Company, Vancouver and Pillar Rock, Wash. Canned salmon.	64,752	Aug. 20	129	3155
Pillsbury-Washburn Flour Mills Co., Ltd., Minneapolis, Minn. Wheat breakfast food.	61,908	Apr. 9	127	2390
Pillsbury-Washburn Flour Mills Co., Ltd., Minneapolis, Minn. Wheat breakfast food.	61,909	Apr. 9	127	2390
Pillsbury-Washburn Flour Mills Co., Ltd., Minneapolis, Minn. Wheat breakfast food.	62,077	Apr. 16	127	2812
Pillsbury-Washburn Flour Mills Company Ltd., Minneapolis, Minn. Wheat breakfast food.	62,011	Apr. 16	127	2810
Pillsbury-Washburn Flour Mills Company Ltd., Minneapolis, Minn. Wheat breakfast food.	62,012	Apr. 16	127	2810
Pinches Dental Manufatng Co., New York, N. Y. Artificial enamel for dental purposes.	59,793	Jan. 15	126	1060
Pinkerton, Frank G., Portland, Oreg. Remedy for sexual diseases or disorders.	59,545	Jan. 8	126	753
Piquett, Louisa F., Baltimore, Md. Antiseptic compound.	63,583	June 25	128	3284
Piranio, Carlo T., Dallas, Tex. Carbonated beverage.	66,884	Dec. 31	131	2413
Pitman-Myers Company, Indianapolis, Ind. Ointments.	61,758	Apr. 2	127	1988
Pittman Medicine Co., Fitzgerald, Ga. Cure for dyspepsia.	62,912	May 28	128	1684
Pitts, Frank M., Jr., assignor to Gyn-A-Septin Company, Hubbard, Tex. Proprietary preparation.				
Pittsburg Pharmacal Company, Pittsburg, Pa. Dyspepsia remedy.	63,553	June 25	128	3283
Pittsburg-Salt Lake Oil Co., Salt Lake City, Utah. Roofing-paint.	62,047	Apr. 16	127	2811
Pittsburgh Brewing Company, Pittsburgh, Pa. Beer.	65,891	Oct. 29	130	2714
Pittsburgh Filter Mfg. Co., Pittsburgh, Pa. Apparatus for purifying water.	61,737	Apr. 2	127	1988
Pittsburgh Gas & Coke Company, New York, N. Y. Coke.	60,139	Jan. 29	126	1769
Pittsburgh Plate Glass Company, Pittsburgh, Pa. Plaster formed of wood fiber.	60,562	Feb. 12	126	2584
Pittsburgh Valve, Foundry and Construction Co., Pittsburgh, Pa. Certain metal goods.	64,175	July 30	129	2067
Pittsburgh Waterproof Shoe Polish Company, Pittsburgh, Pa. Polish for boots and shoes and polish for leather.				
Piver & Cie., L. T., Paris, France. Sachet-powders.	62,731	May 21	128	1287
Plantation Tobacco Company, Inc., Washington, D. C. Smoking-tobacco.	64,647	Aug. 13	129	2855
Planten, John R., New York, N. Y. Certain medicine.	63,942	July 16	129	1262
Plate & Clark Co., New York, N. Y. Sweaters, cardigan jackets, knitted bathing-suits, and stockings.	66,108	Nov. 12	131	685
Plume & Atwood Mfg. Co., Waterbury and Thomaston, Conn. Brass rods.	61,714	Apr. 2	127	1987
Plume & Atwood Mfg. Co., Waterbury, Conn., and New York, N. Y. Incandescent gas-burners.	60,140	Jan. 29	126	1769
Pluvius-Feuerlöcher-Gesellschaft mit beschränkter Haftung, Hamburg, Germany. Fire-extinguishing compounds.	61,738	Apr. 2	127	1988
Pluvius-Feuerlöcher-Gesellschaft mit beschränkter Haftung, Hamburg, Germany. Hand fire-extinguishers.	61,715	Apr. 2	127	1987
Plymouth Gypsum Co., Fort Dodge, Iowa. Wall-plasters.	63,400	June 18	128	2831
Pneumatic Cushion Rubber Heel Company, Boston, Mass. Rubber heels for boots and shoes.	61,310	Mar. 12	127	843
Pneumatic Machine Company, Syracuse, N. Y. Coal-cutting machines.	62,542	May 14	128	880
Poise, Gabrielle M., New York, N. Y. Bust-supporters.	61,687	Apr. 2	127	1986
Polk Miller Drug Co., Richmond, Va. Preparations for destroying insects and vermin.	65,835	Oct. 22	130	2368
Pollack, Augustus, deceased; H. Hazlett, Wheeling, W. Va., administrator. Stogies.	64,637	Aug. 13	129	2855
Pollack, Augustus, deceased; H. Hazlett, Wheeling, W. Va., administrator. Stogies.	62,779	May 28	128	1681
Pollack, Augustus, deceased; H. Hazlett, Wheeling, W. Va., administrator. Stogies.	62,837	May 28	128	1682
Pollack, Augustus, deceased; H. Hazlett, Wheeling, W. Va., administrator. Stogies.	62,880	May 28	128	1683
Pollack, Augustus, deceased; H. Hazlett, Wheeling, W. Va., administrator. Stogies.	62,881	May 28	128	1683
Pollack, Augustus, deceased; H. Hazlett, Wheeling, W. Va., administrator. Stogie.	62,883	May 28	128	1684
Pollack, Augustus, deceased; H. Hazlett, Wheeling, W. Va., administrator. Stogies.	63,310	June 11	128	2525
Pollack, Augustus, deceased; H. Hazlett, Wheeling, W. Va., administrator. Stogies.	63,311	June 11	128	2525

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Pollak, Samuel, New York, N. Y. Hair-tonic.....	64,290	July 30	129	2070
Polledo, Torres & Ca., Buenos Ayres, Argentina. Kerosene.....	62,251	Apr. 30	127	3635
Pomeroy, Orrin R., Gays Mills, Wis. Tobacco-seed.....	59,415	Jan. 8	126	750
Pompeian Mfg. Co., Cleveland, Ohio. Certain toilet preparations.....	59,202	Jan. 1	126	382
Pompeian Mfg. Co., Cleveland, Ohio. Soap.....	61,081	Mar. 5	127	386
Pompeian Mfg. Co., Cleveland, Ohio. Certain named toilet preparations.....	61,200	Mar. 5	127	389
Pompeian Mfg. Co., Cleveland, Ohio. Soap.....	61,471	Mar. 26	127	1571
Pompeian Mfg. Co., Cleveland, Ohio. Soap.....	61,474	Mar. 26	127	1571
Pompeian Mfg. Co., Cleveland, Ohio. Certain pharmaceutical preparations.....	61,954	Apr. 9	127	2391
Pompeian Mfg. Co., Cleveland, Ohio. Certain pharmaceutical preparations.....	66,109	Nov. 12	131	685
Pond, Frank N., New York, N. Y. Cold-cream and remedy for dyspepsia.....	66,752	Dec. 24	131	2141
Pond's Extract Company, New York, N. Y. Distilled extract of hamamelis.....	59,203	Jan. 1	126	382
Pope, Annie M., St. Louis, Mo. Preparations for treatment of the hair.....	59,546	Jan. 8	126	753
Pope Manufacturing Company Hartford, Conn. Self-propelled road-vehicles.....	62,474	May 7	128	451
Porcela Co., Pittsburg, Pa. Preparations for purifying and softening water.....	61,672	Apr. 2	127	1986
Porcela Company, Pittsburg, Pa. Certain detergents.....	62,097	Apr. 16	127	2812
Porcela Company, Pittsburg, Pa. Shampoo compounds and hair-tonics.....	62,210	Apr. 23	127	3211
Porter, C. O. & A. D., Grand Rapids, Mich. Planers, carvers, sanders, jointing-machines, and shapers.....	59,340	Jan. 8	126	748
Porter Medicine Company, Paris, Tenn. Remedy for the treatment of grippe and analogous disorders.....	61,015	Feb. 26	126	3419
Porter, Taylor & Co., Chicago, Ill. Magazine.....	60,488	Feb. 12	126	2582
Portland Cordage Co., Portland, Oreg. Rope, cord, and twine.....	63,475	June 25	128	3281
Portland Flouring Mills Co., Portland, Oreg. Wheat-flour, pancake-flour, cake and pastry flour.....	65,071	Sept. 3	130	296
Portland Flouring Mills Co., Portland, Oreg. Wheat breakfast foods.....	66,596	Dec. 17	131	1935
Portland Milling Company, Portland, Mich. Wheat-flour.....	62,485	May 7	128	451
Portland Milling Company, Portland, Mich. Wheat-flour.....	64,944	Aug. 27	129	3498
Portland Packing Company, Portland, Me. Canned corn.....	63,105	June 4	128	2081
Portland Packing Company, Portland, Me. Canned lobster and canned salmon.....	63,321	June 11	128	2526
Portsmouth Brewing & Ice Co., Portsmouth, Ohio. Beer.....	63,421	June 18	128	2851
Postum Cereal Co., Ltd., Battle Creek, Mich. Sugar.....	59,204	Jan. 1	126	382
Postum Cereal Co., Limited, Battle Creek, Mich. Cereal breakfast foods.....	62,732	May 21	128	1287
Potsdam Clothing Manufacturing Company, Potsdam, N. Y. Trousers.....	61,082	Mar. 5	127	386
Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass. Medicated and perfumed soap.....	59,878	Jan. 22	126	1348
Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass. Medicated and perfumed soap.....	59,879	Jan. 22	126	1348
Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass. Certain medicines.....	60,611	Feb. 12	126	2585
Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass. Pills.....	60,612	Feb. 12	126	2585
Potter & Wrightington, Boston, Mass. Certain named wheat and rye preparations and bakery products.....	59,313	Jan. 8	126	747
Potter & Wrightington, Boston, Mass. Wheat-coffee.....	60,489	Feb. 12	126	2582
Pough, Francis H., New York, N. Y. Pipe-joint cement.....	60,943	Feb. 26	126	3417
Powell Bros. & Co., London, England. Preserved fish.....	66,305	Nov. 19	131	937
Powell Brothers Shoe Company, New York, N. Y. Leather boots, shoes, and slippers.....	65,338	Sept. 17	130	973
Powell Brothers Shoe Company, New York, N. Y. Leather boots, shoes, and slippers.....	65,509	Oct. 8	130	1682
Powell, Chas. A., Whitesboro, N. Y. Corset covers and waists.....	60,334	Feb. 5	126	2183
Prather, Robert M., Vernon, Tex. Powder which causes artificial dentures to hold fast to the mouth.....	60,112	Jan. 29	126	1768
Pratt, Danl. S., Boston, Mass. Fine and cross-bred grades of wool.....	61,673	Apr. 2	127	1986
Pratt, George C., New York, N. Y. Certain knit goods.....	59,072	Jan. 1	126	378
Pratt, George K., New Orleans, La. Antiseptic powder.....	66,110	Nov. 12	131	685
Pratt-Low Preserving Co., Santa Clara, Cal. Canned fruits and vegetables.....	60,664	Feb. 19	126	3034
Pratt-Low Preserving Co., Santa Clara, Cal. Canned fruits and vegetables.....	60,665	Feb. 19	126	3034
Pratt-Low Preserving Co., Santa Clara, Cal. Canned fruits and vegetables.....	60,666	Feb. 19	126	3034
Preissler, Richard, New York, N. Y. Tonics and remedies for dyspepsia, stomach, and rheumatic disorders.....	59,273	Jan. 1	126	384
Prescott Chemical Co., Cleveland, Ohio. Dip for live stock.....	60,774	Feb. 19	126	3036
Pressed Prism Plate Glass Company, Morgantown, W. Va. Slabs or plates of vitreous material.....	59,109	Jan. 1	126	379
Pressing & Orr Co., Circleville, Ohio. Canned fruits and vegetables.....	59,794	Jan. 15	126	1060
Pressing & Orr Co., Circleville, Ohio. Canned fruits and vegetables.....	59,805	Jan. 22	126	1349
Pressing & Orr Co., Circleville, Ohio. Canned fruits and vegetables.....	59,896	Jan. 22	126	1349
Pressing & Orr Co., Circleville, Ohio. Canned fruits and vegetables.....	59,807	Jan. 22	126	1349
Pressing & Orr Company, Norwalk, Ohio. Salad-dressing, catsup, and mince meat.....	61,590	Mar. 26	127	1574
Prest-O-Lite Company, Indianapolis, Ind. Liquid gas in portable tanks for inflating tires.....	63,422	June 18	128	2831
Prest-O-Lite Company, Indianapolis, Ind. Portable tanks for compressed acetylene gas.....	65,344	Sept. 17	130	974
Preston B. Keith Shoe Company, Brockton, Mass. Leather boots, shoes, and slippers.....	60,435	Feb. 5	126	2186
Preventum Tooth Brush Co., New York, N. Y. Brooms, brushes, and dusters.....	59,962	Jan. 22	126	1351
Price & Co., Barnett L., New York, N. Y. Fur coats.....	64,215	July 30	129	2068
Price & Lucas Cider and Vinegar Company, Louisville, Ky. Vinegar.....	63,288	June 11	128	2525
Pridde, Arthur, San Francisco, Cal. Window-prisms, vault, sidewalk, door, and window lights.....	59,619	Jan. 15	126	1055
Princeville Mfg. Co., Princeville, Ill. Cultivators.....	60,043	Jan. 22	126	1353
Priscilla Publishing Co. (See Hartshorn, William N., assignor.)				
Procter & Gamble Company, Ivorydale, Ohio, and Kansas City, Kans. Soap for laundry use.....	65,892	Oct. 29	130	2714
Procter & Gamble Company, Ivorydale and Cincinnati, Ohio, and Kansas City, Kans. Soap.....	66,144	Nov. 12	131	687
Prophylactol Company, Batavia, N. Y. Antiseptic, germicide, and astringent powders.....	64,504	Aug. 13	129	2851
Protected Metal Company, Canton, Mass. Metal sheets covered with asbestos.....	59,453	Jan. 8	126	751
Protegit Company, New York, N. Y. Chemical preserving compounds.....	66,376	Nov. 26	131	1155
Prudential Heating Company, Akron, Ohio. Steam and hot-water boilers.....	61,396	Mar. 19	127	1248
Pulaski Springs Hotel Company, Pittsburg, Pa. Natural mineral water.....	59,856	Jan. 22	126	1348
Punk Company, Meadville, Pa. Candy containing or flavored with pumpkin-seed.....	63,883	July 9	129	866
Purdy, Herbert L., Boston, Mass. Leather boots and shoes.....	61,575	Mar. 26	127	1574
Puro Oil Company, Philadelphia, Pa. Lubricating-oils.....	62,299	Apr. 30	127	3636
Puro Oil Company, Philadelphia, Pa. Refined petroleum and burning oils.....	59,388	Jan. 8	126	749
Puro Oil Company, Philadelphia, Pa. Leather and harness dressing and belt-paste and belt-syrup.....	59,829	Jan. 22	126	1347
Puro Oil Company, Philadelphia, Pa. Lubricating oils and greases, plumbago used as a lubricant, and lubricating-graphite.....	59,830	Jan. 22	126	1347
Pureoxia Company, Boston, Mass. Certain beverages.....	60,667	Feb. 19	126	3034
Puritan Confection Company, New York, N. Y. Chewing-gum.....	59,728	Jan. 15	126	1058
Puritan Corset Co., Kalamazoo, Mich. Corsets and corset-waists.....	60,687	Feb. 19	126	3034
Puritan Drug Company, Boston, Mass. Confectionery-flavoring materials.....	61,932	Apr. 9	127	2398
Puritan Pure Food Company, New York, N. Y. Chocolate, cocoa, and candy.....	59,274	Jan. 1	126	384
Purity Brewing Company, Minneapolis, Minn. Beer.....	60,461	Feb. 12	126	2581
Putnam-Hooker Company, Cincinnati, Ohio. Cotton carpet-warps and cotton twine.....	64,881	Aug. 27	129	3496
	61,652	Apr. 2	127	1985

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Quaker Mill Company, Manchester, Iowa, assignor to Quaker Oats Company. Certain named flour and meal.	64,151	July 23	129	1606
Quaker Oats Company. (See American Cereal Company, assignor.)				
Quaker Oats Company. (See Quaker Mill Company, assignor.)				
Quality Saw & Tool Works Incorporated, Springfield, Mass. Saws.	66,342	Nov. 19	131	938
Queen City Printing Ink Co., Cincinnati, Ohio. Printing-inks.	62,760	May 21	128	1288
Queen Metal Company, New York, N. Y. Alloy resembling silver.	62,653	May 21	128	1285
Queen Metal Company, New York, N. Y. Alloy resembling silver.	62,654	May 21	128	1285
Queisner, Max, Berlin, Germany. Preparation for cleaning straw and bast hats.	61,083	Mar. 5	127	386
Quinn, Frank M., Tekoa, Wash. Hair-restoratives.	62,057	Apr. 16	127	2811
R. Hardesty Manufacturing Company, Denver, Colo. Flavoring extracts.	65,913	Oct. 29	130	2714
R. Herschel Manufacturing Co., Peoria, Ill. Mower and reaper knife sections.	60,798	Feb. 19	126	3037
R. Hudnut's Pharmacy, New York, N. Y. Ointments.	63,757	July 9	129	863
R. Hudnut's Pharmacy, New York, N. Y. Tooth-brushes.	66,609	Dec. 17	131	1935
R. Schiffmann Company, St. Paul, Minn. Certain medical compound.	62,459	May 7	128	451
R. C. Proudfit Baking Company, Chicago, Ill. Bread.	66,306	Nov. 19	131	937
R. E. Dietz Company, New York, N. Y. Oil-burning lamps and lanterns.	59,138	Jan. 1	126	380
R. E. Dietz Company, New York, N. Y. Oil-burning tubular lamps and lanterns.	59,139	Jan. 1	126	380
R. E. Dietz Company, New York, N. Y. Globes for lamps and lanterns.	59,642	Jan. 15	126	1056
R. E. Dietz Company, New York, N. Y. Globes for lamps and lanterns.	60,172	Jan. 29	126	1770
R. E. Dietz Company, New York, N. Y. Globes for lamps and lanterns.	60,173	Jan. 29	126	1770
R. E. Dietz Company, New York, N. Y. Oil-burning lamps and lanterns and burners therefor.	60,282	Feb. 5	126	2182
R. E. Dietz Company, New York, N. Y. Oil-burning tubular hand-lanterns.	63,341	June 18	128	2829
R. E. Dietz Company, New York, N. Y. Globes for lamps and lanterns.	63,423	June 18	128	2831
R. E. Dietz Company, New York, N. Y. Oil-burning lamps.	63,507	June 25	128	3282
R. E. Dietz Company, New York, N. Y. Oil-burning lamps.	64,055	July 23	129	1604
R. E. Dietz Company, New York, N. Y. Oil-burning lanterns.	65,659	Oct. 15	130	2062
R. E. Dietz Company, New York, N. Y. Oil-burning lanterns.	65,685	Oct. 15	130	2063
R. F. Johnston Paint Co., Cincinnati, Ohio. Fillers.	65,280	Sept. 17	130	972
R. H. Smith Manufacturing Company, Springfield, Mass. Speed-indicating devices.	59,843	Jan. 22	126	1347
R. M. Rose Co., Atlanta, Ga. Whisky.	60,775	Feb. 19	126	3037
R. M. Rose Co., Atlanta, Ga. Corn whisky.	61,388	Mar. 19	127	1248
R. M. Rose Co., Atlanta, Ga. Non-alcoholic tonic beverage and syrup therefor.	65,305	Sept. 17	130	973
R. P. Smith & Sons Co., Chicago, Ill. Rubber footwear.	63,863	July 9	129	866
R. P. Smith & Sons Co., Chicago, Ill. Ladies' and misses' leather shoes.	64,072	July 23	129	1604
R. P. Smith & Sons Co., Chicago, Ill. Men's, youths', and boys' leather shoes.	64,073	July 23	129	1604
R. P. Smith & Sons Co., Chicago, Ill. Men's, youths', and boys' leather shoes.	64,074	July 23	129	1604
Raben Company, Houston, Tex. Liver medicines and laxatives.	61,035	Feb. 26	126	3419
Radel, Andrew, Bridgeport and South Norwalk, Conn. Oyster bouillon.	59,389	Jan. 8	126	749
Radigan, Rich & Co., New York, N. Y. Certain cutlery and edge-tools.	62,583	May 14	128	881
Radigan, Rich & Co., New York, N. Y. Certain cutlery.	62,866	May 28	128	1683
Radigan, Rich & Co., New York, N. Y. Celluloid, animal and vegetable matter hair-combs.	66,689	Dec. 24	131	2139
Radiumite Company, Chicago, Ill. Razor-strops.	59,963	Jan. 22	126	1351
Radway & Company, New York, N. Y. Remedy for certain diseases.	61,739	Apr. 2	127	1988
Radway & Company, New York, N. Y. Pills.	61,759	Apr. 2	127	1988
Radway & Company, New York, N. Y. Certain medicinal preparations.	61,955	Apr. 9	127	2391
Raffaele, Cafarelli, Newport, R. I. Remedy for tuberculosis, general debility, coughs, and colds.	63,943	July 16	129	1262
Ragnet Filis & R. Vignes, P., Troyes, France. Certain knit goods.	65,325	Sept. 17	130	973
Rahn, Charles C., Thompsonville, Conn. Pasteboard cases, boxes, and cartons.	66,771	Dec. 24	131	2141
Railway Lock-Nut Company, Chicago, Ill. Lock-nuts.	64,753	Aug. 20	129	3155
Railway Materials Company, Chicago, Ill. Oil-furnaces.	62,702	May 21	128	1287
Railway and Stationary Refrigerating Co., New York, N. Y. Refrigerators.	65,456	Sept. 24	130	1306
Railway Steel-Spring Company, Jersey City, N. J., and New York, N. Y. Certain parts of machinery, rings, &c.	59,361	Jan. 8	126	748
Railway Steel-Spring Company, Jersey City, N. J., and New York, N. Y. Certain railway equipment.	60,141	Jan. 29	126	1769
Railway Steel-Spring Company, Jersey City, N. J., and New York, N. Y. Certain named parts of machinery.	60,347	Feb. 5	126	2183
Railway Steel-Spring Company, Jersey City, N. J., and New York, N. Y. Metal pipe-flanges and miscellaneous metal bands and rings.	60,368	Feb. 5	126	2184
Raines & Company, New York, N. Y. Baking-powder.	60,436	Feb. 5	126	2186
Rainbow Ale Company, Atlanta, Ga. Ginger-ale.	63,758	July 9	129	863
Rainbow Dye Company, New York, N. Y. Dyes.	60,913	Feb. 26	126	3416
Rajah Auto-Supply Company, New York, N. Y. Spark-plugs, terminals, hoods, bushings, and porcelain.	64,116	July 23	129	1605
Ralston Purina Co., St. Louis, Mo. Meal, flour, and cereal breakfast food.	63,884	July 9	129	866
Ralston Purina Co., St. Louis, Mo. Poultry and stock food.	61,057	Mar. 5	127	385
Ralston Purina Co., St. Louis, Mo. Poultry and stock food.	61,064	Mar. 5	127	385
Ralston Purina Company, St. Louis, Mo. Cereal breakfast food.	62,460	May 7	128	451
Ramage, James S., Chicago, Ill. Certain medicines.	66,630	Dec. 17	131	1936
Ramage, James S., Chicago, Ill. Tooth-soap.	66,847	Dec. 31	131	2412
Ramey Medicator Company, Asbury Park, N. J. Medicator or inhaler.	66,254	Nov. 19	131	936
Ramsfelder-Erick Company, Cincinnati, Ohio. Ladies' and misses' shoes of leather or cloth.	64,227	July 30	129	2069
Rand, Israel, Philadelphia, Pa. Ladies' and children's shirt-waists and shirt-waist suits.	61,487	Mar. 26	127	1571
Rand, McNally & Company, Chicago, Ill. Bankers' directory and list of attorneys.	62,803	May 28	128	1681
Rand, McNally & Company, Chicago, Ill. Bankers' directory and list of attorneys.	62,931	May 28	128	1685
Ranson & Co., G. O., Fortuna, Cal. Hair tonics and restorers.	66,457	Nov. 26	131	1158
Rapp Shoe Company, St. Louis, Mo. Leather boots, shoes, and slippers.	60,944	Feb. 26	126	3417
Raritan Paint Company, New York, N. Y. Certain named painters' materials, enamels, &c.	59,390	Jan. 8	126	749
Rath, Carl J., New York, N. Y. Soap.	62,408	May 7	128	449
Rath, Carl J., New York, N. Y. Soap.	62,486	May 7	128	451
Raven Gloss Mfg. Co., New York, N. Y. Preparation for cleaning and whitening articles made of canvas or duck.	62,335	Apr. 30	127	3637
Raven Gloss Mfg. Co., New York, N. Y. Dressing for leather or canvas articles.	64,530	Aug. 13	129	2852
Raven Gloss Mfg. Co., New York, N. Y. Dressing for leather or canvas articles.	64,531	Aug. 13	129	2852
Raymond, F. J., Stockton, Cal. Leather gloves.	61,488	Mar. 26	127	1571
Raymond, Francis, Chicago, Ill. Certain electrical apparatus and devices.	60,083	Jan. 29	126	1767
Raynor & Perkins Envelope Company, New York, N. Y. Paper and envelopes.	60,729	Feb. 19	126	3035
Raynor & Perkins Envelope Company, New York, N. Y. Paper and envelopes.	60,730	Feb. 19	126	3035
Raynor & Perkins Envelope Company, New York, N. Y. Paper and envelopes.	60,731	Feb. 19	126	3035
Raynor & Perkins Envelope Company, New York, N. Y. Paper and envelopes.	60,732	Feb. 19	126	3035
Raynor & Perkins Envelope Company, New York, N. Y. Paper and envelopes.	60,733	Feb. 19	126	3035
Raynor & Perkins Envelope Company, New York, N. Y. Paper and envelopes.	60,734	Feb. 19	126	3035
Raynor & Perkins Envelope Company, New York, N. Y. Paper and envelopes.	60,816	Feb. 19	126	3038

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Raynor & Perkins Envelope Company, New York, N. Y. Paper for writing and printing and envelopes.....	62,761	May 21	128	1288
Rea-Patterson Milling Company, Coffeyville, Kans. Wheat-flour.....	59,795	Jan. 15	126	1060
Rea-Patterson Milling Company, Coffeyville, Kans. Wheat-flour.....	64,754	Aug. 20	129	3155
Read Brothers, Limited, London, England. Ginger-ale.....	59,140	Jan. 1	126	380
Read Brothers, Limited, London, England. Bottled beer.....	60,735	Feb. 19	126	3035
Read & Sons, William, Boston, Mass. Certain sporting goods.....	60,315	Feb. 5	126	2182
Read & Sons, William, Boston, Mass. Certain medical and surgical appliances.....	61,846	Apr. 9	127	2388
Read & Sons, William, Boston, Mass. Clothing of knitted or netted materials.....	61,910	Apr. 9	127	2390
Read & Sons, William, Boston, Mass. Certain clothing.....	62,013	Apr. 16	127	2810
Read & Sons, William, Boston, Mass. Leather boots and shoes.....	62,137	Apr. 23	127	3209
Reading Hardware Co., Reading, Pa. Certain fastening devices.....	60,668	Feb. 19	126	3034
Reading Hardware Company, Reading, Pa. Certain metal manufactures.....	61,174	Mar. 5	127	388
Reading Hardware Company, Reading, Pa. Certain metal manufactures.....	61,175	Mar. 5	127	388
Reagan Round Bale Co., San Antonio, Tex. Raw cotton.....	60,985	Feb. 26	126	3418
Records & Goldsborough, Baltimore, Md. Whisky.....	62,361	Apr. 30	127	3638
Records & Goldsborough, Baltimore, Md. Whisky.....	66,805	Dec. 31	131	2411
Rectors, New York, N. Y. Cigarettes.....	66,007	Nov. 5	131	354
Red Cross Mfg. Co., Bluffton, Ind. Windmills, windmill-towers, pumps, and pump-cylinders.....	61,327	Mar. 12	127	844
Red Cross Powder Co., Providence, R. I. Antiseptic powder.....	65,741	Oct. 22	130	2365
Red Rock Company, Jacksonville, Fla. Cider and soda-water.....	62,409	May 7	128	449
Red Seal Never Damp Salt Company, Kearny, N. J. Table-salt.....	61,201	Mar. 5	127	389
Reed & Carnrick, Jersey City, N. J. Remedy for dyspepsia.....	62,461	May 7	128	451
Reed Manufacturing Co., Newark, N. Y. Culinary utensils made of tin-plate.....	59,954	Jan. 22	126	1350
Reed, Uriah W., Topeka, Ind. Coffee substitute of blended cereals.....	59,927	Jan. 22	126	1350
Rees, Edmund S. G., Wolverhampton, England. Pumps and turbines.....	65,219	Sept. 10	130	652
Rees-Scott Company, Limited, New Orleans, La. Certain wood manufactures.....	66,472	Dec. 3	131	1417
Regal Shoe Company Inc., Boston, Mass. Sole-leather and leather soles for boots and shoes.....	60,563	Feb. 12	126	2584
Regal Shoe Company Inc., Boston, Mass. Cleaning compound and dressing for leather, skin, and canvas articles.....	60,564	Feb. 12	126	2584
Regal Shoe Company Inc., Boston, Mass. Cleaning compound and dressing for leather and skin articles.....	60,565	Feb. 12	126	2584
Regal Shoe Company, Inc., Boston, Mass. Leather boots and shoes.....	61,608	Mar. 26	127	1574
Regal Shoe Company, Boston, Mass. Leather boots and shoes.....	65,796	Oct. 22	130	2367
Regina Company, Rahway, N. J. Automatic music-boxes.....	64,152	July 23	129	1606
Regina Flour Mill Co., St. Louis, Mo. Wheat-flour.....	60,113	Jan. 29	126	1768
Regina Flour Mill Co., St. Louis, Mo. Wheat-flour.....	60,114	Jan. 29	126	1768
Regina Flour Mill Co., St. Louis, Mo. Wheat-flour.....	66,788	Dec. 31	131	2411
Regina Flour Mill Co., St. Louis, Mo. Wheat-flour.....	66,789	Dec. 31	131	2411
Reich, C. Harold. (See Stannard, Charles F., assignor.).....				
Reichard, Firm of F. A., New York, N. Y. Ochters.....	66,458	Nov. 26	131	1158
Reichard, Firm of F. A., New York, N. Y. Ochters.....	66,459	Nov. 26	131	1158
Reiche, Anton, Dresden, Germany. Chocolate-molds.....	61,452	Mar. 19	127	1250
Reid, Robert W., New York, N. Y. Metal water-traps.....	65,247	Sept. 17	130	971
Reife, Harris, New York, N. Y. Antispasmodic expectorant sedative.....	66,848	Dec. 31	131	2412
Reilly, Edward J., Baltimore, Md. Polishes and dressings for leather boots and shoes.....	64,558	Aug. 13	129	2853
Reilly, Taylor & Co. Ltd., New Orleans, La. Coffee.....	60,490	Feb. 12	126	2582
Reinicker, Harold G., Baltimore, Md. Whooping-cough syrup.....	63,560	June 25	128	3283
Reins & Meiss, Cincinnati, Ohio. Knitted shirts, drawers, and vests.....	59,643	Jan. 15	126	1056
Reiss & Brady, New York, N. Y. Dried fruits.....	59,928	Jan. 22	126	1350
Reiss & Brady, New York, N. Y. Certain named bakery products.....	61,058	Mar. 5	127	385
Reiss & Brady, New York, N. Y. Cheese.....	61,059	Mar. 5	127	385
Reiss & Brady, New York, N. Y. Certain sea foods.....	62,252	Apr. 30	127	3635
Reiss & Brady, New York, N. Y. Certain foods.....	63,322	June 11	128	2526
Reiss & Brady, New York, N. Y. Certain confectionery.....	64,003	July 16	129	1264
Reiss Bros. & Co., Chicago, Ill. Pipes.....	62,138	Apr. 23	127	3209
Reiss Bros. & Co., Chicago, Ill. Pipes.....	62,139	Apr. 23	127	3209
Reliance Edge Tool Company, Youngstown, Ohio. Chisels, gouges, and drawing-knives.....	62,462	May 7	128	451
Reliance Mfg. Co., Newark, N. J. Polishing-oil.....	59,454	Jan. 8	126	751
Remington Arms Company, New York and Ilion, N. Y. Shotguns, pistols, revolvers, and rifles.....	60,248	Jan. 29	126	1772
Remmers Soap Co., Cincinnati, Ohio. Toilet soap.....	63,627	July 2	129	473
Remppis, William F., Reading, Pa. Motor-cycles.....	63,401	June 18	128	2831
Rensen Manufacturing Company, Hartford, Conn. Catamenial bandages.....	61,119	Mar. 5	127	387
Rensen Manufacturing Company, Hartford, Conn. Maternity outfits.....	61,202	Mar. 5	127	389
Renfrew Mfg Co., Adams, Mass. Cotton piece goods.....	64,117	July 23	129	1606
Rennous, Kleime & Co., of Baltimore city, Baltimore, Md. Paint and varnish brushes.....	59,814	Jan. 15	126	1061
Rennous, Kleime & Co., of Baltimore city, Baltimore, Md. Paint and varnish brushes.....	59,815	Jan. 15	126	1061
Reuter, Brückelmann & Co., Shanghai, China. Sheetings, drills, jeans, shirtings, and handkerchiefs.....	59,988	Jan. 22	126	1351
Renyl, Morris, New York, N. Y. Medicine used as a remedy for stomach diseases.....	64,476	Aug. 6	129	2497
Renziehausen, Frederick C., Pittsburg, Pa. Whisky.....	61,688	Apr. 2	127	1986
Renziehausen, Frederick C., Pittsburg, Pa. Whisky.....	62,733	May 21	128	1287
Republic Belting & Supply Co., Cleveland, Ohio. Rubber belting, hose, and packing.....	64,176	July 30	129	2067
Republic Metalware Company, Buffalo, N. Y. Fireless cook-stoves.....	65,569	Oct. 8	130	1683
Revere Rubber Company, Boston, Mass. Horseshoe-pads.....	61,060	Mar. 5	127	385
Revere Rubber Company, Boston, Mass. Hose and machinery packings.....	61,847	Apr. 9	127	2388
Revere Rubber Company, Boston, Mass. Hose and machinery packings.....	61,861	Apr. 9	127	2388
Revere Rubber Company, Boston, Mass. Belting, hose, and machinery packings.....	62,362	Apr. 30	127	3638
Revere Rubber Company, Boston, Mass. Belting, hose, and machinery packing.....	66,237	Nov. 19	131	935
Review Publishing Company, New York, N. Y. Semimonthly periodical.....	62,237	Apr. 23	127	3212
Review Publishing Company, New York, N. Y. Semimonthly periodical.....	62,238	Apr. 23	127	3212
Rex Fire Extinguisher Co., New York, N. Y. Certain fire-fighting apparatus and supplies therefor.....	59,974	Jan. 22	126	1351
Rex, Walter E., et al., executors. (See Delavan, M. Louise.).....				
Rexinger, Gustave, Cincinnati, Ohio. Gin.....	65,810	Oct. 22	130	2367
Rexora Manufacturing Company, Detroit, Mich. Calcimine.....	60,142	Jan. 29	126	1769
Reyer, Edward, Scranton, Pa. Medicinal preparation for the treatment of abscesses.....	64,291	July 30	129	2070
Reynolds, James E., New York, N. Y. Cotton twine.....	61,848	Apr. 9	127	2388
Reynolds, Lowell M., Brockton, Mass. Fruits, vegetables, nuts, and flavoring extracts and essences.....	61,044	Mar. 5	127	385
Reynolds, William M., New York, N. Y. Specific medicines as a preventive of appendicitis.....	60,240	Jan. 29	126	1772
Reynolds, William M., New York, N. Y. Specific medicines for cough, cold, and grippe.....	63,026	June 4	128	2079
Reynolds, William M., New York, N. Y. Medicine for the treatment of rheumatism.....	64,863	Aug. 27	129	3496
Rhegulus Company, La Grange, Ill. Stomach-regulators.....	63,289	June 11	128	2525
Rhein-Westf. Sicherheits-Zündschnurfabrik Gesellschaft mit beschränkter Haftung, Crefeld-Linn, Germany. Safety-fuses.....	64,343	Aug. 6	129	2493
Rheinstrom, Bettman, Johnson & Co., Cincinnati, Ohio. Blackberry brandy and cordials.....	61,098	Mar. 5	127	386
Rheinstrom, Bettman, Johnson & Co., Cincinnati, Ohio. Tonic.....	61,789	Apr. 2	127	1989

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Rheinstrom, Bettman, Johnson & Co., Cincinnati, Ohio. Prune-juice.	63,106	June 4	128	2081
Rheinstrom, Bettman, Johnson & Co., Cincinnati, Ohio. Preserved pineapple and maraschino cherries.	63,107	June 4	128	2081
Rhoads & Sons, J. E., Philadelphia, Pa., and Wilmington, Del. Leather belting and fabric belting.	65,028	Sept. 3	130	295
Rice & Hochster, New York, N. Y. Horn, rubber, and celluloid hair-pins and hair ornaments.	59,710	Jan. 15	126	1058
Rice & Hochster, New York, N. Y. Tortoise-shell hair-pins and hair ornaments.	59,711	Jan. 15	126	1058
Rice & Hochster, New York, N. Y. Copper and brass hair-pins and hair ornaments.	62,500	May 7	128	452
Rice & Hutchins, Incorporated, Boston, Mass. Women's leather shoes.	64,945	Aug. 27	129	3498
Rice, Stix Dry Goods Company, St. Louis, Mo. Knitted and netted underwear.	59,231	Jan. 1	126	383
Rice, Stix Dry Goods Company, St. Louis, Mo. Cotton piece goods.	59,644	Jan. 15	126	1056
Rice, Stix Dry Goods Company, St. Louis, Mo. Hosiery.	60,848	Feb. 19	126	3038
Rice, Stix Dry Goods Company, St. Louis, Mo. Cotton piece goods.	61,911	Apr. 9	127	2390
Rice, Stix Dry Goods Company, St. Louis, Mo. Knitted, netted, and lace gloves.	62,363	Apr. 30	127	3638
Rice, Stix Dry Goods Company, St. Louis, Mo. Cotton piece goods.	62,364	Apr. 30	127	3638
Rice, Stix Dry Goods Company, St. Louis, Mo. Cotton piece goods.	62,365	Apr. 30	127	3638
Rice, Stix Dry Goods Company, St. Louis, Mo. Cotton piece goods.	62,366	Apr. 30	127	3638
Rice, Stix Dry Goods Company, St. Louis, Mo. Cotton piece goods.	62,382	Apr. 30	127	3638
Rice, Stix Dry Goods Company, St. Louis, Mo. Percales.	62,558	May 14	128	880
Rice, Stix Dry Goods Company, St. Louis, Mo. Overalls and pantaloons.	62,845	May 28	128	1683
Rice, Stix Dry Goods Company, St. Louis, Mo. Knitted and netted underwear.	62,867	May 28	128	1683
Rice, Stix Dry Goods Company, St. Louis, Mo. Bleached muslin.	62,868	May 28	128	1683
Rice, Stix Dry Goods Company, St. Louis, Mo. Cotton piece goods.	62,913	May 28	128	1684
Rich, Charles S., New York, N. Y. Preparations for the removal of hair and blemishes from the skin.	66,275	Nov. 19	131	936
Richardson, Herbert P., Spokane, Wash. Certain medicines.	64,685	Aug. 20	129	3154
Richardson Scale Company, Passaic, N. J., and New York, N. Y. Weighing machinery.	59,518	Jan. 8	126	752
Richardson, Walter S., Buffalo, N. Y. Suppositories.	59,295	Jan. 1	126	384
Richfield Company, Grand Rapids, Mich. Remedy for diseases of the kidneys, stomach, and bladder.	64,477	Aug. 6	129	2497
Richmond Abattoir Co., Richmond, Ind. Lard.	61,227	Mar. 12	127	841
Richmond Cedar Works, Richmond, Va. Washing-machines.	61,740	Apr. 2	127	1988
Richmond Cedar Works, Richmond, Va. Ice-cream freezers.	64,946	Aug. 27	129	3498
Richmond Cedar Works, Richmond, Va. Ice-cream freezers.	66,255	Nov. 19	131	936
Richmond Hosiery Mills, Rossville, Ga. Hosiery.	65,326	Sept. 17	130	973
Richmond Piano Co., Richmond, Ind. Pianos.	59,499	Jan. 8	126	752
Richter, Friedrich A., Rudolstadt, Germany, and New York, N. Y. Certain games and toys.	59,818	Jan. 15	126	1061
Richter, Friedrich A., Rudolstadt, Germany, and New York, N. Y. Stone building-blocks.	60,316	Feb. 5	126	2182
Richter, Friedrich A., Rudolstadt, Germany, and New York, N. Y. Bitters.	60,416	Feb. 5	126	2185
Richter, Friedrich A., Rudolstadt, Germany, and New York, N. Y. Remedy for certain diseases.	62,991	June 4	128	2078
Richter, Friedrich A., New York, N. Y., and Rudolstadt, Germany. Certain medicines.	63,584	June 25	128	3294
Richter, Friedrich A., Rudolstadt, Germany, and New York, N. Y. Soap.	64,399	Aug. 6	129	2495
Richter, Friedrich A., Rudolstadt, Germany, and New York, N. Y. Toy building-blocks.	64,532	Aug. 13	129	2852
Richter, Friedrich A., Rudolstadt, Germany, and New York, N. Y. Mosaic games.	65,684	Oct. 15	130	2062
Richter, Harry, St. Louis, Mo. Wheat-bread.	62,665	May 21	128	1286
Ridenour, Archibald F., Los Angeles, Cal. Hair-tonic.	64,882	Aug. 27	129	3496
Ridgely Trimmer Company, Springfield, Ohio. Tools for trimming wall-paper.	64,369	Aug. 6	129	2494
Ridgway Company, New York, N. Y. Periodicals and magazines.	60,737	Feb. 19	126	3036
Rieger & Lindley, Salt Lake City, Utah. Whisky.	63,179	June 11	128	2522
Rieger & Lindley, Salt Lake City, Utah. Whisky.	61,084	Mar. 5	127	386
Ries, Jacob, Shakopee, Minn. Mineral waters.	61,278	Mar. 12	127	842
Ries, Jacob, Shakopee, Minn. Table-waters.	61,997	Apr. 16	127	2809
Ries, Jacob, Shakopee, Minn. Table-waters.	62,027	Apr. 16	127	2810
Rieth, Charles H., St. Louis, Mo. Combination game-blocks.	65,686	Oct. 15	130	2063
Rigal, L., Roquefort, France. Roquefort cheese.	65,914	Oct. 29	130	2714
Rigney & Company, Brooklyn, N. Y. Rock-candy, rock-candy syrup, and maple-sugar and maple-syrup.	65,404	Sept. 24	130	1204
Riley, James S., Autryville, N. C. Remedy for the cure and alleviation of gravel.	64,048	Aug. 13	129	2855
Rimak Chemical Company, New York, N. Y. Toilet creams and shampoos.	63,448	June 18	128	2832
Ringemann, Frank H., Cincinnati, Ohio. Fluid for generating artificial gas.	60,017	Feb. 26	126	3419
Rio Chemical Co., New York, N. Y. Uterine tonics.	63,011	June 4	128	2078
Rio Chemical Co., New York, N. Y. Mucous astringent for internal and external use.	63,012	June 4	128	2078
Ripley & Sons, Limited, Liverpool, England. Laundry blue.	59,547	Jan. 8	126	753
Rippen, Hyman, Perth Amboy, N. J. Smoking-tobacco.	61,342	Mar. 19	127	1247
Rippen, Hyman, Perth Amboy, N. J. Smoking-tobacco.	66,473	Dec. 3	131	1417
Risdon Iron & Locomotive Works, San Francisco, Cal. Ore-concentrators.	61,424	Mar. 19	127	1249
Risdon Iron & Locomotive Works, San Francisco, Cal. Ore-crushers.	64,755	Aug. 20	129	3155
Ritter Bros., New York, N. Y. Pocket-books.	60,174	Jan. 29	126	1770
Ritter Dental Mfg. Co., Rochester, N. Y. Dental engines and lathes and brackets or supports therefor.	59,087	Jan. 1	126	379
Ritter Dental Mfg. Co., Rochester, N. Y. Dental chairs.	59,844	Jan. 22	126	1347
Ritzlin, Lebstein & Nechtowitz, Chicago, Ill. Salve.	62,475	May 7	128	451
Rizza, Frank, Homestead, Pa. Hair-tonics and scalp applications.	62,225	Apr. 23	127	3211
Robbins, Gamwell & Co., Pittsfield, Mass. Wrenches.	62,121	Apr. 16	127	2813
Robbins & Prokesch, New York, N. Y. Leather hand-bags and reticules.	64,970	Sept. 3	130	293
Robert Bosch, New York, Inc., New York, N. Y. Magnetos.	61,176	Mar. 5	127	388
Robert, Charles, Chaux de Fonds, Switzerland. Watch-springs.	60,238	Jan. 29	126	1772
Robert F. Mackenzie Co., Cleveland, Ohio. Candy.	64,400	Aug. 6	129	2495
Robert Stevenson & Co., Chicago, Ill. Olive-oil.	61,065	Mar. 5	127	385
Roberts, John B. Z., Kansas City, Mo. Amalgam for filling teeth.	65,570	Oct. 8	130	1683
Roberts Johnson & Rand Shoe Company, St. Louis, Mo. Rubber boots and shoes.	62,410	May 7	128	449
Roberts, Johnson & Rand Shoe Company, St. Louis, Mo. Women's, misses', and children's leather boots and shoes.	63,130	June 4	128	2082
Roberts, Johnson & Rand Shoe Company, St. Louis, Mo. Leather boots and shoes.	63,838	July 9	129	865
Roberts Lumber Co., Minneapolis, Minn. Boxes made from pulp-board.	63,839	July 9	129	865
Roberts Medicine Company, W. J., Coldwater, Mich. Certain medicine.	65,180	Sept. 10	130	651
Robertson Manufacturing Company, Buffalo, N. Y. Explosive-engines.	60,335	Feb. 5	126	2183
Robeson Process Company, Camden, N. J. Certain liquid adhesive.	62,594	May 14	128	881
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass. Soap.	63,342	June 18	128	2829
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass. Soap.	63,343	June 18	128	2829
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass. Soap.	63,344	June 18	128	2829
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass. Soap.	63,345	June 18	128	2829
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass. Soap.	63,346	June 18	128	2829
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass. Soap.	63,347	June 18	128	2829
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass. Soap.	63,476	June 25	128	3281
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass. Soap.	63,477	June 25	128	3281
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass. Soap.	63,478	June 25	128	3281
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass. Soap.	64,665	Aug. 20	129	3153

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Robinson Bros. & Company, Incorporated, Portland, Me., and Malden, Mass. Soap.....	64,756	Aug. 20	129	3155
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass. Soap.....	65,760	Oct. 22	130	2366
Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass. Ointment.....	66,224	Nov. 19	131	935
Robinson & Co., O., Kansas City, Mo. Dip for animals.....	62,463	May 7	128	451
Robinson, Thomas A., North Baltimore, Ohio. Cigars.....	62,543	May 14	128	880
Robischn & Peckham Company, New York, N. Y. Men's, women's, and children's knitted under-shirts and drawers.....	61,489	Mar. 26	127	1571
Robt. Ingham Clark & Co., Ltd., London, England. Varnish and japans.....	59,455	Jan. 8	126	751
Rocca Sarafino, Chicago, Ill. Macaroni.....	63,714	July 2	129	476
Roche, William J., New Bethlehem, Pa. Card game.....	62,595	May 14	128	881
Rock Hill Buggy Co., Rockhill, S. C. Buggies and carriages.....	59,620	Jan. 15	126	1055
Rock Hill Buggy Company, Rockhill, S. C. Buggies and carriages.....	59,621	Jan. 15	126	1056
Rock Hill Buggy Company, Rockhill, S. C. Buggies and carriages.....	59,622	Jan. 15	126	1056
Rock Spring Distilling Co., Owensboro, Ky. Whisky.....	62,544	May 14	128	880
Rockhill, Clayton, New York, N. Y. Essential oils.....	62,992	June 4	128	2078
Rockwood Brothers Company, Chicago, Ill. Sugar.....	65,915	Oct. 29	130	2714
Rockwood & Co., Geo., Bennington, Vt. Knitted underwear.....	64,202	July 30	129	2068
Rockwood & Co., Geo., Bennington, Vt. Knitted underwear.....	65,742	Oct. 22	130	2365
Roddewig-Schmidt Candy Co., Davenport, Iowa. Certain confectionery.....	60,705	Feb. 19	126	3035
Roderick Lean Manufacturing Company, Mansfield, Ohio. Harrows, drills, and cultivators.....	60,738	Feb. 19	126	3036
Rodriguez y Ca., F., New York, N. Y. Cigars.....	64,686	Aug. 20	129	3154
Roe & Bro., F. P., Greensboro, Md. Canned peas and corn.....	64,924	Aug. 27	129	3498
Roe & Bro., F. P., Greensboro, Md. Canned tomatoes.....	64,925	Aug. 27	129	3498
Roe & Bro., F. P., Greensboro, Md. Canned tomatoes.....	64,926	Aug. 27	129	3498
Roe & Bro., F. P., Greensboro, Md. Canned peas.....	65,056	Sept. 3	130	295
Roelofs, Henry H., Philadelphia, Pa. Stiff and soft hats and caps.....	59,073	Jan. 1	126	378
Roessler & Hasslacher Chemical Co., New York, N. Y. Apparatus for generating oxygen.....	61,624	Mar. 26	127	1575
Roessler & Hasslacher Chemical Co., New York, N. Y. Alkali compound for use in filtering and softening water.....	65,248	Sept. 17	130	971
Roewekamp Bros., Oshkosh, Wis. Whisky.....	66,060	Nov. 5	131	355
Rogers & Company, Chicago, Ill., and New York, N. Y. Printed books, pamphlets, and circulars.....	64,797	Aug. 20	129	3157
Rogers, Edward V., Covington, Ky. Kidney, blood, and bowel remedy.....	64,666	Aug. 20	129	3153
Rogers & Thompson, assignors to Rogers & Thompson, New York, N. Y. Silk dress goods in the piece.....	61,311	Mar. 12	127	843
Rogers White Lime Company, Rogers, Ark. Lime.....	63,536	June 25	128	3283
Rogers White Lime Company, Rogers, Ark. Lime.....	63,537	June 25	128	3283
Rogow, David I., Worcester, Mass. Wool soles.....	65,511	Oct. 8	130	1682
Rogow, David I., Worcester, Mass. Wool soles.....	65,613	Oct. 8	130	1685
Rohde, C., Hamburg, Germany. Certain paper.....	65,985	Nov. 5	131	353
Roller, Henry, Muncie, Ind. Chocolates and bonbons.....	63,585	June 25	128	3284
Roman, Martin, New York, N. Y. Hair curlers or wavers.....	62,545	May 14	128	880
Romm & Company, New York, N. Y. Dress and shirt waists for women.....	63,738	July 2	129	476
Roncoroni, Luigi, West Hoboken, N. J. Liquid remedies for burns.....	63,561	June 25	128	3283
Roofbestos Manufacturing Co., St. Louis, Mo. Ready-prepared felt roofing.....	62,159	Apr. 23	127	3210
Rose, Francis N., San Francisco, Cal. Tooth-powders.....	63,084	June 4	128	2080
Rose, Randolph, Atlanta, Ga. Carbonated non-alcoholic beverage and syrup therefor.....	65,306	Sept. 17	130	973
Rose, Randolph, Atlanta, Ga. Carbonated non-alcoholic beverage and syrup therefor.....	65,307	Sept. 17	130	973
Rose, Randolph, Atlanta, Ga. Carbonated non-alcoholic beverage and syrup therefor.....	65,308	Sept. 17	130	973
Rosen & Bergner Co., Chicago, Ill. Liniments and lotions.....	59,563	Jan. 8	126	754
Rosenbaum Co., Pittsburg, Pa. Coats, pants, and vests.....	61,886	Apr. 9	127	2389
Rosenbaum Company, Pittsburg, Pa. Knit underwear.....	63,057	June 4	128	2080
Rosenbaum's Sons, Morris, New York, N. Y. Certain cloth and piece goods.....	59,645	Jan. 15	126	1056
Rosenbaum's Sons, Morris, New York, N. Y. Broadcloths.....	61,790	Apr. 2	127	1989
Rosenbaum's Sons, Morris, New York, N. Y. Cloth and piece goods, consisting of woollens, silks, and velvets.....	64,203	July 30	129	2068
Rosenbaum's Sons, Morris, New York, N. Y. Certain cloth and piece goods.....	64,616	Aug. 13	129	2854
Rosenbaum's Sons, Morris, New York, N. Y. Certain cloth and piece goods.....	64,617	Aug. 13	129	2854
Rosenbaum's Sons, Morris, New York, N. Y. Certain cloth and piece goods.....	64,798	Aug. 20	129	3157
Rosenberg Bros. & Co., San Francisco, Cal. Raisins.....	64,574	Aug. 13	129	2853
Rosenberg, Edmund, Indianapolis, Ind. Awnings and tarpaulins.....	60,709	Feb. 19	126	3035
Rosenberg, Hugo, Charlottenburg, Germany. Local anesthetic.....	63,554	June 25	128	3283
Rosenberg, Hugo, Charlottenburg, Germany. Subcutaneous injections.....	63,562	June 25	128	3283
Rosenberg, Hugo, Charlottenburg, Germany. Remedy for certain diseases.....	63,563	June 25	128	3283
Rosenberg, Ruben, Pittsburg, Pa. Stogies.....	66,474	Dec. 3	131	1417
Rosenberg & Sons, B., New Orleans, La. Men's, boys', ladies', misses', and children's leather shoes and slippers.....	62,643	May 21	128	1285
Rosenberg & Sons, B., New Orleans, La. Ladies', misses', and children's leather boots and shoes.....	62,655	May 21	128	1285
Rosenberg & Sons, B., New Orleans, La. Ladies', misses', and children's leather shoes and slippers.....	62,656	May 21	128	1285
Rosenfield Bros. & Co., Chicago, Ill. Whisky.....	66,308	Nov. 19	131	937
Rosenfield, Joseph L., Pueblo, Colo. Bitters.....	66,276	Nov. 19	131	936
Rosenneim & Son, H., Baltimore, Md. Whisky.....	61,140	Mar. 5	127	387
Rosenstein Brothers Inc., New York, N. Y. Clam preparation.....	60,491	Feb. 12	126	2582
Rosenstein Brothers Inc., New York, N. Y. Canned vegetables.....	61,242	Mar. 12	127	841
Rosenstein Brothers Inc., New York, N. Y. Canned vegetables.....	61,355	Mar. 19	127	1247
Rosenstein Brothers Inc., New York, N. Y. Preserved fish.....	61,653	Apr. 2	127	1985
Rosenstein Brothers Inc., New York, N. Y. Sardines.....	64,927	Aug. 27	129	3498
Rosenthal, Max L., Bay City, Mich. Overcoats, coats, vests, pants, and trousers.....	63,819	July 9	129	865
Rosenthal-Sloan Millinery Co., St. Louis, Mo. Certain hats and caps.....	60,871	Feb. 26	126	3415
Rosenwald, Max, New York, N. Y. Soft and stiff felt hats.....	63,085	June 4	128	2080
Rosenzweig Bros. & Co., New York, N. Y. Coats, pants, vests, and overcoats.....	62,367	Apr. 30	127	3638
Roseville Pottery Co., Zanesville, Ohio. Cooking utensils of stoneware, earthenware, and porcelain.....	62,762	May 21	128	1288
Ross, William A., New York, N. Y. Whisky.....	59,712	Jan. 15	126	1058
Ross, William A., New York, N. Y. Whisky.....	59,729	Jan. 15	126	1058
Rosseter and Burkhardt, Los Angeles, Cal. Candy.....	63,201	June 11	128	2522
Rossing Paint & Roofing Co., Minneapolis, Minn. Mineral roof-paint, hot-surface paint, and roof cement paint.....	61,061	Mar. 5	127	385
Roth & Company, San Francisco, Cal. Whisky.....	65,339	Sept. 17	130	973
Roth & Engelhardt, New York, N. Y. Pianos and piano-players.....	63,243	June 11	128	2523
Rothenberg, Mendle, San Francisco, Cal. Bitters.....	65,859	Oct. 29	130	2713
Rothgiesser Bros., St. Louis, Mo. Men's and boys' coats, vests, pants, jackets, and overcoats.....	61,425	Mar. 19	127	1249
Rothschild Bros. Hat Co., St. Louis, Mo. Felt and straw hats and cloth caps.....	62,411	May 7	128	449
Rothwell, Bernard J., Boston, Mass. Wheat-flour.....	60,084	Jan. 29	126	1767
Rothwell, Bernard J., Boston, Mass. Wheat-flour.....	62,189	Apr. 23	127	3210
Rouech-Bowden Company, Detroit, Mich. Dolls and toy animals.....	61,400	Mar. 26	127	1571
Roussy de Sales, Jules F. G. de, Paris, France. Soap.....	59,040	Jan. 1	126	320
Rowntree and Company, Limited, York, England. Gum-drops.....	66,475	Dec. 3	131	1417

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Royal Baking Powder Co., Jersey City, N. J., and New York, N. Y. Yeast.....	63,538	June 25	128	3283
Royal Cream Company, Chicago, Ill. Shaving-cream.....	61,018	Feb. 26	126	3419
Royal Gem Mills Co., St. Johnsville, N. Y. Tubular-knit ribbed-fabric undergarments.....	64,599	Aug. 13	129	2854
Royal Grape Juice Co., Harrisburg, Pa. Unfermented grape-juice.....	66,885	Dec. 31	131	2413
Royal Skirt Co., New York, N. Y. Ladies' and misses' dress-skirts and walking-overskirts.....	66,491	Dec. 3	131	1417
Royal Manufacturing Co., Lancaster, Pa. Grindstones.....	65,774	Oct. 22	130	2366
Royal Typewriter Co., Hoboken, N. J. Type-writing machines.....	61,674	Apr. 2	127	1986
Royal Worcester Corset Company, Worcester, Mass. Corsets.....	60,044	Jan. 22	126	1353
Royal Worcester Corset Co., Worcester, Mass. Corsets.....	66,631	Dec. 17	131	1936
Rubber Products Company, Barberton, Ohio. Fountain-syringes.....	64,430	Aug. 6	129	2495
Rubberhide Company, Boston, Mass. Rubber boots and shoes.....	63,840	July 9	129	865
Ruben & Co., Albert, Chicago, Ill. Cloaks, suits, and dress-skirts.....	62,596	May 14	128	881
Rubens & Marble, Chicago, Ill. Knit undershirts.....	66,377	Nov. 26	131	1155
Rubens & Marble, Chicago, Ill. Knit undershirts.....	66,672	Dec. 17	131	1937
Rubens & Meyer, New York, N. Y. Hosiery.....	66,394	Nov. 26	131	1156
Ruby & Co., S., Chicago, Ill. Cigarette-paper.....	66,145	Nov. 12	131	687
Rueckheim Bros. & Eckstein, Chicago, Ill. Chocolates and other candies.....	66,395	Nov. 26	131	1156
Rueckheim Bros. & Eckstein, Chicago, Ill. Candied popcorn.....	66,414	Nov. 26	131	1156
Ruehl Bros. Brewing Co., Chicago, Ill. Beer.....	66,690	Dec. 24	131	2139
Rugby Milling Company, Rugby, N. D. Wheat-grits.....	61,576	Mar. 26	127	1574
Ruger Harry E., La Fayette, Ind. Cleaning and polishing compound.....	60,688	Feb. 19	126	3034
Ruger, Harry E., La Fayette, Ind. Cleaning and polishing compound.....	60,689	Feb. 19	126	3034
Ruger, Harry E., La Fayette, Ind. Metal-polish.....	62,872	May 28	128	1683
Rumford Chemical Works, Providence, R. I. Yeast-powder and baking-powder.....	60,394	Feb. 5	126	2185
Rumsfeld, Dietrich, Kansas City, Mo. Bar-soap.....	65,687	Oct. 15	130	2063
Runkel Brothers, Incorporated, New York, N. Y. All kinds of candies and bonbons.....	59,929	Jan. 22	126	1350
Runkel Brothers, Incorporated, New York, N. Y. Chocolate, sweet and unsweetened, and cocoa.....	61,066	Mar. 5	127	386
Runkel Brothers, Incorporated, New York, N. Y. All kinds of chocolate and cocoa.....	62,559	May 14	128	880
Rupp & Oeschger, Berlin, N. H. Cigars.....	66,476	Dec. 3	131	1417
Ruschhaupt Bros., Fresno, Cal. Laundry soap.....	64,020	July 16	129	1264
Russ-Suchard & Cie., assignors to Suchard Societe Anonyme, Neuchatel, Switzerland. Chocolate, cocoa, and chocolate candies.....	63,555	June 25	128	3283
Russ-Suchard & Cie., assignors to Suchard Societe Anonyme, Neuchatel, Switzerland. Chocolate, cocoa, and chocolate candies.....	63,556	June 25	128	3283
Russ-Suchard & Cie., assignors to Suchard Societe Anonyme, Neuchatel, Switzerland. Chocolate, cocoa, and chocolate candies.....	63,602	June 25	128	3284
Russell & Erwin Manufacturing Company, New Britain, Conn. Cylinder-locks, night-latches, and padlocks.....	60,566	Feb. 12	126	2584
Rutherford, Frank E., Bonham, Tex. Certain medicines.....	62,122	Apr. 16	127	2813
Ryan, William E., French Lick, Ind. Remedies for dyspepsia.....	60,446	Feb. 5	126	2186
Ryehen, Elisha F., Buffalo, N. Y. Printing and lithographing inks.....	61,741	Apr. 2	127	1988
Ryeland Distilling Company. (See Nienaber, John B. J., assignor.).....				
Ryeland Distilling Company, Louisville, Ky. Whisky.....	64,799	Aug. 20	129	3157
Ryff & Co., Berne, Switzerland. Knitted underwear.....	59,391	Jan. 8	126	749
Ryley, Agnes S., New York, N. Y. Coats, trousers, waistcoats, and overcoats.....	60,739	Feb. 19	126	3036
S. Hamill Company, Keokuk, Iowa. Baking-powder, lye, soda, salt, and bluing.....	64,687	Aug. 20	129	3154
S. Hamill Company, Keokuk, Iowa. Coffee.....	64,757	Aug. 20	129	3155
S. Hamill Company, Keokuk, Iowa. Canned fish and sardines.....	65,128	Sept. 10	130	650
S. Hamill Company, Keokuk, Iowa. Pancake and buckwheat flour.....	65,145	Sept. 10	130	650
S. Hamill Company, Keokuk, Iowa. Soap.....	65,201	Sept. 10	130	652
S. Liebmann's Sons Brewing Company, Brooklyn, N. Y. Malt extract.....	61,002	Feb. 26	126	3419
S. Liebmann's Sons Brewing Company, Brooklyn, N. Y. Ale.....	61,265	Mar. 12	127	842
S. Liebmann's Sons Brewing Company, Brooklyn, N. Y. Lager-beer, ale, stout, and malt extract.....	61,364	Mar. 19	127	1248
S. Liebmann's Sons Brewing Company, Brooklyn, N. Y. Stout.....	61,365	Mar. 19	127	1248
S. Mills Ely Co., Binghamton, N. Y. Coffee.....	59,796	Jan. 15	126	1060
S. Rauh & Company, New York, N. Y. Leather belts.....	64,864	Aug. 27	129	3496
S. Rauh & Company, New York, N. Y. Leggings made from textile fabric.....	65,072	Sept. 3	130	296
S. Rauh & Company, New York, N. Y. Leggings made from textile fabric.....	65,073	Sept. 3	130	296
S. & B. Lederer Company, Providence, R. I. Jewelry.....	66,008	Nov. 5	131	354
S. G. Parker Company, Boston, Mass. Root-beer.....	60,613	Feb. 12	126	2585
S. H. Frank & Co., San Francisco, Cal. Tanned heavy leathers.....	60,760	Feb. 19	126	3036
S. J. Stevens Company, Cincinnati, Ohio. Cheese.....	64,265	July 30	129	2070
S. J. Stevens Company, Cincinnati, Ohio. Butter.....	64,266	July 30	129	2070
S. M. Bixby & Co., New York, N. Y. Metal dressings and polish.....	60,462	Feb. 12	126	2581
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,872	Feb. 26	126	3415
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,873	Feb. 26	126	3415
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,874	Feb. 26	126	3415
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,875	Feb. 26	126	3415
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,876	Feb. 26	126	3415
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,877	Feb. 26	126	3415
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,878	Feb. 26	126	3415
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,879	Feb. 26	126	3415
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,880	Feb. 26	126	3415
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,881	Feb. 26	126	3415
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,882	Feb. 26	126	3415
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,883	Feb. 26	126	3415
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,884	Feb. 26	126	3415
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,885	Feb. 26	126	3416
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,886	Feb. 26	126	3416
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,887	Feb. 26	126	3416
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,888	Feb. 26	126	3416
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,889	Feb. 26	126	3416
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and varnish.....	60,890	Feb. 26	126	3416
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and leather and shoe varnish.....	61,397	Mar. 19	127	1248
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and leather and shoe varnish.....	62,961	June 4	128	2077
S. M. Bixby & Co., New York, N. Y. Leather and shoe blackings, paste, polish, and leather and shoe varnish.....	62,962	June 4	128	2077
S. M. Bixby & Co., New York, N. Y. Certain cleaning and whitening compounds.....	62,963	June 4	128	2077
S. M. Bixby & Co., New York, N. Y. Certain cleaning and whitening compounds.....	62,964	June 4	128	2077
S. M. Bixby & Co., New York, N. Y. Certain cleaning and whitening compounds.....	62,965	June 4	128	2077
S. M. Bixby & Co., New York, N. Y. Certain cleaning and whitening compounds.....	62,966	June 4	128	2077
S. M. Bixby & Co., New York, N. Y. Certain cleaning and whitening compounds.....	62,967	June 4	128	2077
S. M. Bixby & Co., New York, N. Y. Stove dressings and polish.....	62,968	June 4	128	2077
S. M. Bixby & Co., New York, N. Y. Stove dressings and polish.....	62,969	June 4	128	2077

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S. M. Bixby & Co., New York, N. Y. Metal dressings and polish.....	63,348	June 18	128	2829
S. M. Bixby & Co., New York, N. Y. Metal dressings and polish.....	63,349	June 18	128	2829
S. S. Pierce Co., Boston, Mass. Cigars.....	62,412	May 7	128	449
S. S. Pierce Co., Boston, Mass. Certain foods.....	62,560	May 14	128	880
S. S. Pierce Co., Boston, Mass. Whisky.....	64,600	Aug. 13	129	2854
S. S. White Dental Mfg. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Ayres, Argentine Republic; Berlin, Germany, and St. Petersburg, Russia. Dental wax.....	61,820	Apr. 9	127	2387
S. S. White Dental Mfg. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Ayres, Argentine Republic; Berlin, Germany, and St. Petersburg, Russia. Dental alloys.....	61,821	Apr. 9	127	2387
S. W. Miller Piano Co., Sheboygan, Wis. Pianos and interior mechanically-operated pianos.....	66,673	Dec. 17	131	1937
Saalfeld, Arthur J., Akron, Ohio. Certain publications.....	64,800	Aug. 20	129	3157
Sachers, Ralph J., assignor, by mesne assignments, to Ikonograph Company of America, New York, N. Y. Certain scientific apparatus, appliances, and instruments.....	62,657	May 21	128	1285
Sachs Shoe Mfg. Co., Cincinnati, Ohio. Women's, misses', and children's leather high and low shoes.....	62,140	Apr. 23	127	3209
Sächsische Pulverfabriken G. Krantz & Co., Bautzen, Germany. Cartridges, powder, and smokeless powder.....	66,256	Nov. 19	131	936
Sackman Bros., Alexandria, La. Leather shoes, boots, and slippers.....	64,344	Aug. 6	129	2493
Sackman, Charles, Jamaica, N. Y. Toy figures.....	61,716	Apr. 2	127	1987
Sacks, Louis, Newark, N. J. Metal heel-plates for boots and shoes.....	59,041	Jan. 1	126	377
Safety Emery Wheel Company, Springfield, Ohio. Emery-wheels.....	66,184	Nov. 12	131	687
Safety Insulated Wire & Cable Co., Bayonne, N. J., and New York, N. Y. Insulated electric wire and cable.....	60,369	Feb. 5	126	2184
Safety Insulated Wire & Cable Co., Bayonne, N. J., and New York, N. Y. Insulated electric wire and cable.....	60,370	Feb. 5	126	2184
Safety Systems Co., New York, N. Y. Certain paper manufactures.....	61,266	Mar. 12	127	842
Saffa, John G., St. Louis, Mo. Cigarettes.....	60,567	Feb. 12	126	2584
Saffa, John G., St. Louis, Mo. Cigarettes.....	61,312	Mar. 12	127	843
Saffa, John G., St. Louis, Mo. Smoking-tobacco.....	62,014	Apr. 16	127	2810
Safford, Harry E., Allegheny, Pa. Hand chemical fire-extinguishers.....	66,203	Nov. 12	131	688
Saginaw Milling Company, Saginaw, Mich. Poultry food.....	62,487	May 7	128	451
Salmon, Max., New York, N. Y. Whisky.....	61,609	Mar. 26	127	1574
Salt Union Limited, Liverpool, England. Salt.....	64,649	Aug. 13	129	2855
Sample & Co., New York, N. Y. Whisky.....	61,610	Mar. 26	127	1574
Samuel Gans Company, Chicago, Ill. Leather boots and shoes.....	60,348	Feb. 5	126	2183
Samuel Winslow Skate Mfg. Co., Worcester, Mass. Ice and roller skates.....	66,711	Dec. 24	131	2140
Samurai Company, New York, N. Y. Certain toilet preparation.....	66,849	Dec. 31	131	2112
San Antonio Drug Co., San Antonio, Tex. Certain named medicines.....	59,296	Jan. 1	126	384
Sanchez, Gumecindo G., San Francisco, Cal. Blood-purifier.....	59,275	Jan. 1	126	384
Sander, Johannes A., Hamburg, Germany. Disinfectant materials.....	66,564	Dec. 10	131	1683
Sanders Fertilizer Company, Jacksonville, Fla. Fertilizer.....	59,585	Jan. 8	126	74
Sanderson Brothers & Newbould Limited, Sheffield, England. Certain parts of machinery.....	64,021	July 16	129	1264
Sanderson & Co., Madelia, Minn. Veterinary remedy for external application.....	65,571	Oct. 8	130	1683
Sanderson & Son, Wm., Leith, Scotland. Whisky.....	66,087	Nov. 5	131	356
Sands, Augustus H., New York, N. Y. Dress-silks.....	61,491	Mar. 26	127	1571
Sanford-Day Iron Works, Knoxville, Tenn. Car-wheels.....	64,043	July 23	129	1603
Sanford, Vincent, Toledo, Ohio. Teas.....	66,185	Nov. 12	131	687
Sanitary Chemical Company of Pittsburgh, Allegheny, Pa. Compound used for cleaning wall-paper, calcimine, and fresco-work.....	63,967	July 16	129	1263
Sanitary Steel Couch Co., Elkhart, Ind. Beds, couches, and bed-springs.....	66,477	Dec. 3	131	1417
Sanitation & Supply Co., Ballston Spa, N. Y. Disinfectants and deodorizers.....	62,625	May 14	128	882
Sanitation & Supply Co., Ballston Spa, N. Y. Disinfectants and deodorizers.....	63,759	July 9	129	863
Sans, Jean B., Brussels, Belgium. Solution for repairing pneumatic tires.....	61,654	Apr. 2	127	1985
Santos, Charles O., Norfolk, Va. Tooth and mouth washes.....	60,202	Jan. 29	126	1771
Sapa Chemical Co., St. Louis, Mo. Certain medicinal preparation.....	66,753	Dec. 24	131	2141
Saqui, David S., New York, N. Y. Cigars, cigarettes, cheroots, smoking-tobacco, and chewing-tobacco.....	66,225	Nov. 19	131	935
Saranac Glove Company, Littleton, N. H. Leather gloves.....	65,572	Oct. 8	130	1683
Sarasin & Co., Wm., Basel, Switzerland. Ribbons.....	60,045	Jan. 22	126	1352
Sarco Fuel Saving & Engineering Co., New York, N. Y. Certain measuring instruments.....	63,202	June 11	128	2522
"Sarotti" Chokoladen- & Cacao-Industrie, Aktiengesellschaft, Berlin, Germany. Chocolate and cocoa.....	60,085	Jan. 29	126	1768
Sauerston & Brown, Cincinnati, Ohio. Candy.....	66,057	Nov. 5	131	355
Saunders, Clarence C., Celina, Tex. Stock-powders.....	66,277	Nov. 19	131	936
Sauquott Silk Manufacturing Company, Philadelphia, Pa. Silk piece goods.....	61,912	Apr. 9	127	2390
Sawyer, Alvin P., Chicago, Ill. Liver remedy.....	62,932	May 28	128	1685
Sawyer, Alvin P., Chicago, Ill. Liver medicine.....	63,664	July 2	129	474
Sawyer, Alvin P., Chicago, Ill. Remedy for diseases peculiar to women.....	64,264	July 30	129	2070
Sawyer Belting Company, Cleveland, Ohio. Dressings for canvas, leather, and rubber belts.....	66,186	Nov. 12	131	687
Sawyer, Charles, London, England. Certain photographic papers.....	63,915	July 16	129	1261
Sawyer Crystal Blue Company, Boston, Mass. Washing-blue.....	61,328	Mar. 12	127	844
Saylor, Albert R., Allentown, Pa. Certain medicines.....	62,488	May 7	128	451
Saylor, Albert R., Allentown, Pa. Insecticides and antiseptic tooth-wash.....	62,626	May 14	128	882
Scandinavia Belting Co., Boston, Mass. Woven belting.....	64,902	Aug. 27	129	3497
Schaarschmidt, Louis H., Limbach, Germany. Men's knit undershirts and knit drawers.....	62,438	May 7	128	450
Schacht, F., Brunswick, Germany. Certain preparations of tar.....	66,028	Nov. 5	131	355
Schaefer, Joseph J., Dayton, Ohio. Cigars.....	64,667	Aug. 20	129	3153
Schaefer, William H., Toledo, Ohio. Fruit-jar rubbers.....	59,169	Jan. 1	126	381
Schaeffer, James E., Baltimore, Md. Fudge, Italian creams, and other candies.....	62,584	May 14	128	881
Schaltin & Cie., Spa, Belgium. Liqueur.....	59,051	Jan. 1	126	378
Schandein & Lind, Philadelphia, Pa. Breath-tablets.....	65,379	Sept. 24	130	1304
Schandein & Lind, Philadelphia, Pa. Breath-tablets.....	65,380	Sept. 24	130	1304
Schandein & Lind, Philadelphia, Pa. Certain pharmaceutical preparations.....	65,381	Sept. 24	130	1304
Schandein & Lind, Philadelphia, Pa. Breath-tablets.....	65,573	Oct. 8	130	1683
Schandein & Lind, Philadelphia, Pa. Breath-tablets.....	65,574	Oct. 8	133	1684
Scharff, L. & A., St. Louis, Mo. Whisky.....	66,226	Nov. 19	131	935
Scheffler, Ernst, Zwota, Germany. Raw catgut and sewing-silk for surgical purposes.....	63,539	June 25	128	3283
Scherer, Fred. S., Utica, N. Y. Whisky.....	62,028	Apr. 16	127	2810
Scheu, William C., New York, N. Y. Mantles for incandescent gas-lamps.....	59,964	Jan. 22	126	1351
Schieren & Co., Chas. A., New York, N. Y. Leather belting.....	61,453	Mar. 19	127	1250
Schieren & Co., Chas. A., New York, N. Y. Leather of all kinds.....	61,577	Mar. 26	127	1574
Schieren & Co., Chas. A., New York, N. Y. Leather belting.....	64,559	Aug. 13	129	2853
Schilling & Co., A., San Francisco, Cal. Flavoring extracts.....	66,208	Nov. 12	131	688
Schilling, Matthew K., New Orleans, La. Liniment.....	63,586	June 25	128	3284
Schimmel & Co., Miltitz, near Leipzig, Germany. Antitoxic serums.....	62,058	Apr. 16	127	2811

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Schlagheck, Joseph, Toledo, Ohio. Food for fish.....	65,405	Sept. 24	130	1304
Schlatter, Karl, Philadelphia, Pa. Hosiery.....	60,086	Jan. 29	126	1768
Schlesinger, Harry L., Atlanta, Ga. Crackers or biscuits.....	62,804	May 28	128	1681
Schless, Brod & Co., New York, N. Y. Certain jewelry and precious-metal ware.....	63,244	June 11	128	2523
Schley, William C., Pittsburg, Pa. Face-cream.....	62,286	Apr. 30	127	3626
Schlotterbeck & Foss Co., Portland, Me. Flavoring extracts.....	59,088	Jan. 1	126	379
Schmauser, Flora E., Chillicothe, Ohio. Cold cure.....	62,211	Apr. 23	127	3211
Schmidt, Alf., Basel, Switzerland. Fluorescent, concentrated, liquid extract of the needles of coniferous trees.....	64,153	July 23	129	1606
Schmidt & Co., E., Baltimore, Md. Remedy for certain named diseases.....	59,989	Jan. 22	126	1351
Schmidt, George A., Chicago, Ill. Soap.....	62,763	May 21	128	1288
Schmidt, Valentine, San Francisco, Cal. Remedy for certain diseases.....	63,290	June 11	128	2525
Schmidt & Ziegler Ltd., New Orleans, La. Whisky.....	63,058	June 4	128	2080
Schmitz & Co., C., New York, N. Y. Canned salmon.....	61,625	Mar. 26	127	1575
Schmitz & Co., C., New York, N. Y. Sheep's wool.....	64,801	Aug. 20	129	3157
Schmitz & Co., C., New York, N. Y. Canned salmon.....	65,811	Oct. 22	130	2367
Schmitz & Co., C., New York, N. Y. Certain skins and rugs.....	66,415	Nov. 26	131	1156
Schmitz & Co., C., New York, N. Y. Cotton piece goods.....	66,478	Dec. 3	131	1417
Schmitz & Co., C., New York, N. Y. Bristles.....	66,526	Dec. 10	131	1682
Schnarr, Henry M., Ossining, N. Y. Enameled metal household utensils.....	62,287	Apr. 30	127	3636
Schneider, Adam, Berlin, Germany. Odometers, kilometer-counters, and tachymeters.....	61,611	Mar. 26	127	1575
Schneider, Alexander M., North Manchester, Ind. Silk and muslin undershirts.....	66,527	Dec. 10	131	1682
Schneider, Charles F., Kingsley, Iowa. Certain medicine.....	64,638	Aug. 13	129	2855
Schneider & Co., Jacob, Chicago, Ill. Medicines for blood diseases.....	61,956	Apr. 9	127	2391
Schneider, Ernst, Buffalo, N. Y. Whisky.....	60,776	Feb. 19	126	3037
Schneider & Klein, Omaha, Nebr. Whisky.....	59,857	Jan. 22	126	1348
Schnull & Co., Indianapolis, Ind. Certain food products.....	60,087	Jan. 29	126	1768
Schnull and Company, Indianapolis, Ind. Certain sea foods.....	60,088	Jan. 29	126	1718
Schoble & Co., Frank, Philadelphia, Pa. Certain hats and caps.....	59,647	Jan. 15	126	1056
Schoble & Co., Frank, Philadelphia, Pa. Certain hats and caps.....	59,675	Jan. 15	126	1057
Schoble & Co., Frank, Philadelphia, Pa. Certain hats and caps.....	60,740	Feb. 19	126	3036
Schoellkopf, Hartford & Hanna Co., Buffalo, N. Y. Paints.....	66,238	Nov. 19	131	935
Schoellkopf, Robert, Munich, Germany. Pills for curing rheumatism and gout.....	65,089	Sept. 3	130	296
Schoelm, Johanna, Harvey, Ill. Remedy for diseases of throat and lungs.....	59,548	Jan. 8	126	753
Schoeneman, J., Baltimore, Md. Pantaloons.....	66,088	Nov. 5	131	356
Scholz, Otto, Bridgeport, Conn. Non-alcoholic beverage.....	66,396	Nov. 26	131	1156
Schoneberger & Noble, New York, N. Y. Sarsaparilla.....	63,371	June 18	128	2830
Schoneberger & Noble, New York, N. Y. Celery tonic beverage.....	64,229	July 30	129	2059
Schorsch & Co., New York, N. Y. Paper bags.....	60,492	Feb. 12	126	2582
Schorsch & Co., New York, N. Y. Paper bags.....	60,493	Feb. 12	126	2582
Schorsch & Co., New York, N. Y. Paper bags.....	60,494	Feb. 12	126	2582
Schorsch & Co., New York, N. Y. Paper bags.....	66,239	Nov. 19	131	935
Schotten, Julius J., St. Louis, Mo. Coffee.....	60,690	Feb. 19	126	3034
Schottler & Habert, West Hoboken, N. J. Paint and varnish removing compound.....	64,505	Aug. 13	129	2851
Schrader, August, New York, N. Y. Seasoning-sauce for foods.....	59,930	Jan. 22	126	1350
Schrader, Hugo E., Chicago, Ill. Feed composed of crushed grain.....	66,029	Nov. 5	131	355
Schraders, New York, N. Y. Candy.....	66,309	Nov. 19	131	937
Schraders, New York, N. Y. All kinds of candy.....	66,397	Nov. 26	131	1156
Schreck, John C., Pittsburg, Pa. Wall-ties.....	64,620	Aug. 13	129	2854
Schroeder, Peter, Perham, Minn. Wheat-flour.....	64,758	Aug. 20	129	3156
Schroer, August, Cincinnati, Ohio. Scrap-tobacco, chewing-tobacco, and smoking-tobacco.....	61,313	Mar. 12	127	843
Schuetz, Renziehausen & Co., Pittsburg, Pa. Whisky.....	60,568	Feb. 12	126	2584
Schuetz, Renziehausen & Co., Pittsburg, Pa. Whisky.....	64,401	Aug. 6	129	2495
Schultes Agost, Szinye-Lipoczi Salvatorforrás vállalat, Eperjes, Austria-Hungary. Natural mineral water.....	66,310	Nov. 19	131	937
Schulz, Adelhaid, New York, N. Y. Insecticide.....	59,276	Jan. 1	126	384
Schulze Baking Co., Chicago, Ill. Bread.....	63,944	July 16	129	1262
Schulze, Reinhard, Baltimore, Md. Furniture-polish.....	66,850	Dec. 31	131	2413
Schumacher Cereal Co., Riverside, Iowa. Rolled oats.....	61,957	Apr. 9	127	2391
Schumann Piano Company, Rockford, Ill. Pianos.....	64,245	July 30	129	2069
Schuster Co., Cleveland, Ohio. Kummel.....	65,812	Oct. 22	130	2367
Schutz, Joseph M., Minneapolis, Minn. Deodorants.....	59,564	Jan. 8	126	754
Schwabacher, A., Louisville, Ky. Whisky.....	62,524	May 14	128	879
Schwabacher Bros. & Co. Inc., Seattle, Wash. Wheat-flour.....	59,232	Jan. 1	126	383
Schwabacher Bros. & Co. Inc., Seattle, Wash. Barley.....	61,067	Mar. 5	127	386
Schwabacher Bros. & Co. Inc., Seattle, Wash. Dried fruits, sago, bird-seed, tapioca, and split peas.....	61,068	Mar. 5	127	386
Schwabacher Bros. & Co. Inc., Seattle, Wash. Tea.....	61,398	Mar. 19	127	1248
Schwabacher Bros. & Co. Inc., Seattle, Wash. Salt.....	62,123	Apr. 16	127	2813
Schwager & Co., Leo, Brooklyn, N. Y. Cigars, cheroots, and little cigars.....	61,815	Apr. 9	127	2387
Schwarz, Ivon, Nuremberg, Germany. Electrical insulators.....	65,249	Sept. 17	130	971
Schwarzschild and Sulzberger Co., Chicago, Ill., and New York, N. Y. Beef oil or fat.....	61,228	Mar. 12	127	841
Schwarzschild & Sulzberger Company, New York, N. Y. Beef-oil or beef-fat.....	59,297	Jan. 1	126	384
Schwarzschild and Sulzberger Company, Kansas City, Kans.; Chicago, Ill., and New York, N. Y. Certain oleaginous food substances.....	59,931	Jan. 22	126	1350
Schwarzschild & Sulzberger Company, Kansas City, Kans.; Chicago, Ill., and New York, N. Y. Canned meats and lard.....	60,283	Feb. 5	126	2182
Schwarzschild & Sulzberger Company, Kansas City, Kans.; Chicago, Ill., and New York, N. Y. Lard.....	60,284	Feb. 5	126	2182
Schwarzschild and Sulzberger Company, Kansas City, Kans.; Chicago, Ill., and New York, N. Y. Certain named meats, lard, lard substitutes, and unctuous food substances.....	61,045	Mar. 5	127	385
Schwarzschild and Sulzberger Company, Kansas City, Kans.; Chicago, Ill., and New York, N. Y. Uctuous food products.....	62,891	May 28	128	1684
Schwarzschild and Sulzberger Company, Kansas City, Kans.; Chicago, Ill., and New York, N. Y. Lard compound.....	64,928	Aug. 27	129	3498
Schweikert, Edward F., Springfield, Ohio. Cigars.....	61,689	Apr. 2	127	1986
Scientific Station for Pure Products, New York, N. Y. Magazines.....	64,947	Aug. 27	129	3498
Scientific Station for Pure Products, New York, N. Y. Magazines.....	64,971	Sept. 3	130	293
Scognamiglio, Rose B., New York, N. Y. Corsets.....	62,846	May 28	128	1683
Scott Fertilizer Co., of Cecil County, Elkton, Md. Fertilizers.....	59,676	Jan. 15	126	1057
Scott Fertilizer Co. of Cecil County, Elkton, Md. Fertilizers.....	60,495	Feb. 12	126	2582
Scott Paper Co., Philadelphia, Pa. Toilet-paper.....	59,074	Jan. 1	126	378
Scott Paper Co., Philadelphia, Pa. Toilet-paper.....	59,233	Jan. 1	126	383
Scott Paper Co., Philadelphia, Pa. Toilet-paper.....	59,234	Jan. 1	126	383
Seudders-Gale Grocer Co., St. Louis, Mo. Dried currants.....	64,948	Aug. 27	129	3498
Seudders-Gale Grocer Co., St. Louis, Mo. Certain foods.....	64,949	Aug. 27	129	3498

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Sea Coast Electric and Manufacturing Company, Lanoka, N. J. Game of cards.....	59,416	Jan. 8	126	750
Sea Foam Baking Powder Co., New York, N. Y. Baking-powder.....	66,786	Dec. 31	131	2411
Sealskin Swaty Strop Co., Ottumwa, Iowa. Razor-strops.....	64,075	July 23	129	1604
Searle Manufacturing Co., Troy, N. Y. Textile collars and cuffs.....	63,985	July 16	129	1263
Seattle Brewing & Malting Company, Georgetown, Wash. Beer.....	64,228	July 30	129	2069
Seattle Pure Food Co., Inc., Seattle, Wash. Certain foods.....	59,797	Jan. 15	126	1060
Sedlitzky, Wenzel, Salzburg, Austria-Hungary. Medicated tablets for baths.....	61,279	Mar. 12	127	842
Sedlmayr Brauerei zum Spaten, Gabriel, Munich, Germany. Beer.....	62,869	May 28	128	1683
Sedlmayr Brauerei zum Spaten, Gabriel, Munich, Germany. Beer.....	62,870	May 28	128	1683
Seeborn & Dieckstahl, Ltd., Sheffield, England. Certain cutlery and edge-tools.....	63,618	July 2	129	473
Seel, William E., Harrisburg, Pa. Whisky.....	66,806	Dec. 31	131	2412
Seidel, George E., Richmond, Ind. Folding storm-fronts for vehicles.....	66,209	Nov. 12	131	688
Seifert, Karl M., Dresden, Germany. Boxes of blocks or bricks.....	59,944	Jan. 22	126	1350
Selby Shoe Company, Portsmouth, Ohio. Leather boots and shoes.....	64,022	July 16	129	1264
Selby Smelting & Lead Co., San Francisco, Cal. White lead in oil.....	64,989	Sept. 3	130	294
Sellers-Lott Coffee Company, Quincy, Ill. Coffee and tea.....	65,836	Oct. 22	130	2368
Selz, Schwab & Company, Chicago, Ill. Rubber boots and shoes.....	65,813	Oct. 22	130	2367
Selz, Schwab & Company, Chicago, Ill. Rubber boots and shoes.....	65,814	Oct. 22	130	2367
Selz, Schwab & Company, Chicago, Ill. Rubber boots and shoes.....	65,815	Oct. 22	130	2367
Selz, Schwab & Company, Chicago, Ill. Leather boots and shoes.....	65,863	Oct. 29	130	2713
Selz, Schwab & Company, Chicago, Ill. Leather boots and shoes.....	65,864	Oct. 29	130	2713
Selz, Schwab & Company, Chicago, Ill. Leather boots and shoes.....	65,865	Oct. 29	130	2713
Selz, Schwab & Company, Chicago, Ill. Leather boots and shoes.....	65,866	Oct. 29	130	2713
Selz, Schwab & Company, Chicago, Ill. Leather boots and shoes.....	66,009	Nov. 5	131	354
Selz, Schwab & Company, Chicago, Ill. Leather boots and shoes.....	66,010	Nov. 5	131	354
Selz, Schwab & Company, Chicago, Ill. Leather boots and shoes.....	66,674	Dec. 17	131	1937
Semon Ice Cream Company, New Haven, Conn. Ice-cream and frozen puddings.....	65,406	Sept. 24	130	1304
Séquin, Emil, Eubolith-Werke vormals C. Séquin-Bronner, Zurich, Switzerland. Certain building materials.....	63,245	June 11	128	2524
Serum Laboratorium Ruete Enoch, Hamburg, Germany. Curative serum for the prevention of hay-fever.....	63,650	July 2	129	474
Server, William H., Carbon Hill, Ill. Ointment.....	59,298	Jan. 1	126	384
Server, William H., Carbon Hill, Ill. Remedies for disorders of the blood.....	62,059	Apr. 16	127	2811
Serwazi, Peter J., Philadelphia, Pa. Whisky.....	59,677	Jan. 15	126	1057
Seton Leather Co., Newark, N. J. Patent side-leather.....	62,368	Apr. 30	127	3638
Setzler & Sons, P., Kansas City, Mo. Certain non-alcoholic beverages.....	62,199	Apr. 23	127	3211
Scymour, William P., Columbus, Ohio. Electric batteries.....	64,621	Aug. 13	129	2854
Shackleton, Aspden & Co., Buffalo, N. Y. Coffee.....	60,463	Feb. 12	126	2581
Shafer Fruit & Cold Storage Company, Gasport, N. Y. Fresh apples, pears, and quinces.....	63,986	July 16	129	1263
Shannon & Mott Company, Des Moines, Iowa. Certain cereal foods.....	66,610	Dec. 17	131	1935
Shapiro & Aronson, New York, N. Y. Gas and electric light fixtures.....	66,240	Nov. 19	131	935
Shapiro, Joseph, Cincinnati, Ohio. Whisky.....	59,052	Jan. 1	126	378
Sharood Shoe Corp., St. Paul, Minn. Leather shoes.....	64,802	Aug. 20	129	3157
Sharp & Dohme, Baltimore, Md. Certain chemicals.....	61,203	Mar. 5	127	389
Sharp & Dohme, Baltimore, Md. Muscular and nerve tonic.....	66,851	Dec. 31	131	2413
Shaving Powder Company, Savannah, Ga. Depilatories.....	59,768	Jan. 15	126	1059
Shaw & Co., A. W., Freeport, Me. Leather boots and shoes and boot and shoe leather.....	62,914	May 28	128	1684
Shaw, Harry L., Boston, Mass. Soap, washing-powder, and fluid washing and cleaning compounds.....	65,181	Sept. 10	130	651
Shawmut Mining Company, St. Marys, Pa. Bricks.....	62,489	May 7	128	451
Shawmut Tire Company, Boston, Mass. Rubber vehicle-tires.....	64,839	Aug. 27	129	3495
Shayne & Co., C. C., New York, N. Y. Manufactured furs made up for wearing-apparel.....	62,413	May 7	128	449
Sheboygan Mineral Water Co., Sheboygan, Wis. Mineral water.....	65,309	Sept. 17	130	973
Sheboygan Mineral Water Co., Sheboygan, Wis. Mineral water.....	65,310	Sept. 17	130	973
Sheboygan Mineral Water Co., Sheboygan, Wis. Mineral water.....	65,311	Sept. 17	130	973
Sheetz, Elie, Washington, D. C. Candy.....	63,564	June 25	128	3283
Sheetz, Elie, Washington, D. C. Candy.....	63,565	June 25	128	3283
Sheetz, Elie, Washington, D. C. Candy.....	63,566	June 25	128	3283
Sheffield-King Milling Co., Minneapolis, Minn. Wheat-flour.....	65,512	Oct. 8	130	1682
Shelby Biscuit Company, Richmond, Va., and Memphis, Tenn. Crackers, biscuits, and cakes.....	65,250	Sept. 17	130	971
Shelby Biscuit Company, Richmond, Va., and Memphis, Tenn. Crackers, biscuits, and cakes.....	65,264	Sept. 17	130	971
Shelby Electric Company, Shelby, Ohio. Incandescent lamps.....	59,975	Jan. 22	126	1351
Shelby Electric Company, Shelby, Ohio. Incandescent lamps.....	60,569	Feb. 12	126	2584
Shellabarger Mill & Elevator Company, Salina, Kans. Wheat-flour.....	60,115	Jan. 29	126	1768
Shellabarger Mill & Elevator Company, Salina, Kans. Wheat-flour.....	60,116	Jan. 29	126	1768
Shenandoah Poultry Food Co., Staunton, Va. Medicated tonic and invigorator for poultry.....	59,277	Jan. 1	126	384
Shepard, Fred. L., New York, N. Y. Bread.....	64,759	Aug. 20	129	3156
Sherer-Gillett Company, Chicago, Ill. Baking-powder.....	60,417	Feb. 5	126	2185
Sherer-Gillett Company, Chicago, Ill. Certain food preparations.....	60,691	Feb. 19	126	3034
Sherer-Gillett Company, Chicago, Ill. Certain food preparations.....	60,710	Feb. 19	126	3035
Sherer-Gillett Company, Chicago, Ill. Certain toilet and medicinal preparations.....	60,849	Feb. 19	126	3038
Sherer-Gillett Company, Chicago, Ill. Ammonia, blue, bluing, washing-crystal, gloss-starch, saffron, baking-powder, and glycerin.....	62,915	May 28	128	1684
Sherer-Gillett Company, Chicago, Ill. Washing-crystal compounds for softening water, gloss-starch, and saffron.....	62,916	May 28	128	1684
Sherer-Gillett Company, Chicago, Ill. Laundry starch.....	62,946	May 28	128	1685
Sherman, Horace E., Boston, Mass. Wheat-flour.....	66,187	Nov. 12	131	687
Sherman, Howard B., Battle Creek, Mich. Nozzles.....	65,949	Oct. 29	130	2715
Sherman, Reid & Co., New York, N. Y. Quilts.....	61,280	Mar. 12	127	842
Sherman & Sons Company, New York, N. Y. Certain white goods.....	63,246	June 11	128	2524
Sherwin-Williams Co., Cleveland, Ohio. Lacquer or varnish.....	65,599	Oct. 8	130	1684
Shetter, Jacob H., Philadelphia, Pa. Cereal tea and coffee substitutes.....	59,278	Jan. 1	126	384
Shields, Stone & Co., New York, N. Y. Mercerized woven cotton fabrics.....	62,160	Apr. 23	127	3210
Shinners, Adrian L., St. Paul, Minn. Coffee.....	65,251	Sept. 17	130	971
Shinners, Luke F., Cleveland, Ohio. Soaps.....	66,398	Nov. 26	131	1156
Shipley, Joel F., Boggy Depot, Ind. Ter. Washing-powder.....	64,315	July 30	129	2071
Shipley, Malcolm A., Philadelphia, Pa. Fishing-rods.....	63,747	July 9	129	863
Shipley, Malcolm A., Philadelphia, Pa. Fishing-rods.....	63,760	July 9	129	863
Shirey & Brown, Buena Vista, Va. Certain medicinal preparation.....	64,292	July 30	129	2070
Shivell, Edwin, Melrose and Boston, Mass. Sardines.....	66,343	Nov. 19	131	938
Shivell, Edwin, assignor to Delong, Seaman & Company, Boston, Mass. Sardines.....	66,691	Dec. 24	131	2139
Shoemaker & Co., Robt., Philadelphia, Pa. White lead.....	62,271	Apr. 30	127	3636
Shoemaker & Co., Robt., Philadelphia, Pa. Ready-mixed paints.....	62,272	Apr. 30	127	3636
Short Stories Company Ltd., New York, N. Y. Magazines and periodicals.....	63,899	July 16	129	1261
Shoyer & Co., D. W., New York, N. Y. Hammocks.....	61,717	Apr. 2	127	1987
Shryer, Edmund W., Collins, Mo. Lotion for scalds and burns.....	60,614	Feb. 12	126	2585
Shuler, John D., Vernal, Utah. Liniment.....	65,954	Nov. 5	131	353

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Shults, John W., Wichita, Kans. Ointment.....	64,668	Aug. 20	129	3153
Shumate Razor Company, St. Louis, Mo. Razors.....	60,986	Feb. 26	126	3418
Shuptrine, James T., Savannah, Ga. Antidote for ringworm and tetter.....	59,549	Jan. 8	126	553
Sibley, Edward L., Bennington, Vt. Press or machine for setting and removing eyelets.....	62,900	May 7	128	451
Sibley, Edward L., Bennington, Vt. Eyelets.....	63,841	July 9	129	865
Sibley, William J., Rochester, N. Y. Remedies for lung and throat diseases.....	63,291	June 11	128	2525
Sicilian Asphalt Paving Co., New York, N. Y. Waterproofing fabrics used for building purposes.....	59,769	Jan. 15	126	1059
Siebert, Fred W., Yonkers, N. Y. Sliced smoked beef.....	61,069	Mar. 5	127	386
Siegel Cooper & Co., Chicago, Ill. Olives and olive-oil.....	63,108	June 4	128	2081
Siegel Cooper & Co., Chicago, Ill. Sauces, catsups, and pickles.....	63,131	June 4	128	2082
Siegel Cooper & Co., Chicago, Ill. Soap and washing powder.....	63,146	June 11	128	2521
Siegel Cooper & Co., Chicago, Ill. Butter and cheese.....	63,323	June 11	128	2526
Siegel Cooper & Co., Chicago, Ill. Canned fruits.....	63,324	June 11	128	2526
Siegel Cooper & Co., Chicago, Ill. Tapioca and split peas.....	63,864	July 9	129	866
Siegel Cooper & Co., Chicago, Ill. Certain food preparations.....	63,865	July 9	129	866
Siegel Cooper & Co., Chicago, Ill. Vinegar, catsup, and pickles.....	63,885	July 9	129	866
Siegel Cooper Company, New York, N. Y. Leather trunks.....	66,378	Nov. 26	131	1155
Siegel Cooper Company, New York, N. Y. Umbrellas.....	66,479	Dec. 3	131	1417
Siegemund, Charles A., Boston, Mass. Tablets or lozenges for dyspepsia.....	61,958	Apr. 9	127	2391
Siegemund, Charles A., Boston, Mass. Alkaline antiseptic fluid.....	63,665	July 2	129	474
Sielemann Distilling Co., St. Louis, Mo. Whisky.....	61,099	Mar. 5	127	386
Siemon & Elting, New York, N. Y. Dry colors and colors in oil.....	65,600	Oct. 8	130	1684
Sign of the Hammer Co., Montclair, N. J. Certain lighting apparatus.....	65,457	Sept. 24	130	1306
Silberman, Morris, New York, N. Y. Rain-coats.....	63,059	June 4	128	2080
Silbert & Hijos, Dr. J. G. B., Port of Spain, Trinidad. Bitters.....	63,312	June 11	128	2525
Siljan, Elise H., New York, N. Y. Skin food.....	65,029	Sept. 3	130	295
Silver Lake Company, Boston, Mass. Cords, twines, and ropes.....	60,317	Feb. 5	126	2182
Silver Suds Manufacturing Company, Philadelphia, Pa. Certain medicinal preparations.....	66,429	Nov. 26	131	1157
Silvey & Co., John, Atlanta, Ga. Hosiery.....	62,369	Apr. 30	127	3638
Silvey & Co., John, Atlanta, Ga. Dress and negligée shirts.....	65,364	Sept. 24	130	1303
Simar, Alexandre P., Montreal, Canada. Hair-restoring compound.....	65,182	Sept. 10	130	651
Simmons Hardware Co., St. Louis, Mo. Certain cutting and edge tools.....	60,570	Feb. 12	126	2584
Simmons Hardware Company, St. Louis, Mo. Carpenters' pincers and blacksmiths' shoe-pincers.....	60,001	Jan. 22	126	1352
Simmons Hardware Company, St. Louis, Mo. Try, steel, and framing squares.....	60,371	Feb. 5	126	2184
Simmons Hardware Company, St. Louis, Mo. Oilstones and scythe-stones and razor-hones.....	63,651	July 2	129	474
Simmons Hardware Company, St. Louis, Mo. Squares.....	63,715	July 2	129	476
Simmons Hardware Company, St. Louis, Mo. Certain cutlery and edge-tools.....	63,842	July 9	129	865
Simmons Hardware Company, St. Louis, Mo. Certain hand-tools.....	63,969	July 16	129	1263
Simmons Hardware Company, St. Louis, Mo. Certain wood manufactures.....	64,972	Sept. 3	130	293
Simmons Hardware Company, St. Louis, Mo. Lawn-mowers, lawn-mower parts, and grass-catchers.....	65,365	Sept. 24	130	1303
Simmons Manufacturing Company, Chicago, Ill. Certain furniture.....	65,950	Oct. 29	130	2715
Simons Bro. & Co., Philadelphia, Pa. Certain silverware and jewelry.....	63,247	June 11	128	2524
Simpson, Sons & Co., Wm., Philadelphia, Pa.; New York, N. Y.; Baltimore, Md.; Chicago, Ill., and St. Louis, Mo. Dyed cotton piece goods, excepting silesias.....	59,648	Jan. 15	126	1056
Simpson, Sons & Co., Wm., Philadelphia, Pa.; New York, N. Y.; Baltimore, Md.; Chicago, Ill., and St. Louis, Mo. Dyed cotton piece goods.....	66,430	Nov. 26	131	1157
Sindelar, Charles J., New York, N. Y. Medicinal ointment or lotion.....	63,449	June 18	128	2832
Singer Manufacturing Company. (See Wheeler & Wilson Manufacturing Company, assignor.)				
Singer Manufacturing Company, New York, N. Y. Sewing-machines, parts, covers, tables, stands, and attachments.....	63,866	July 9	129	866
Singer Manufacturing Company, New York, N. Y. Sewing-machines, parts, and attachments.....	64,950	Aug. 27	129	3498
Sjoberg, Israel, Roseau, Minn. Snuff.....	66,480	Dec. 3	131	1417
Slater, Roger & Co. Ltd., Kinning Park, near Glasgow, Scotland. Scotch whisky.....	61,389	Mar. 19	127	1248
Slater Shoe Company, Montreal, Quebec, Canada. Leather boots, shoes, and slippers.....	59,678	Jan. 15	126	1057
Slater Shoe Company, Montreal, Quebec, Canada. Leather shoes, boots, and slippers.....	60,929	Feb. 26	126	3417
Slater Shoe Company, Montreal, Quebec, Canada. Leather boots, shoes, and slippers.....	62,871	May 28	128	1683
Sloan, Francis E., Baltimore, Md. Sash-pulleys.....	64,760	Aug. 20	129	3156
Smith, Albert D., Springfield, Mass. Children's textile bands, undershirts, and caps.....	66,692	Dec. 24	131	2139
Smith & Anthony Company, Boston, Mass. Stoves, ranges, and parts thereof.....	66,772	Dec. 24	131	2141
Smith-Briscoe Shoe Company, Incorporated, Lynchburg, Va. Leather boots and shoes.....	62,414	May 7	128	440
Smith-Briscoe Shoe Company, Incorporated, Lynchburg, Va. Leather boots and shoes.....	62,644	May 21	128	1285
Smith-Briscoe Shoe Company, Incorporated, Lynchburg, Va. Leather boots and shoes.....	65,458	Sept. 24	130	1306
Smith Bros. Hardware Co., Columbus, Ohio. Certain edge-tools.....	61,000	Feb. 26	126	3419
Smith Cannery Machines Co., Seattle, Wash. Fish-dressing machines.....	65,366	Sept. 24	130	1303
Smith & Co., Amor, Cincinnati, Ohio. Soap.....	59,314	Jan. 8	126	747
Smith & Co., Louis G., New York, N. Y. Cigars.....	62,078	Apr. 16	127	2812
Smith & Company, Jas. P., New York, N. Y. Salad-oil.....	59,206	Jan. 1	126	382
Smith & Company, Jas. P., New York, N. Y. Salad-oil.....	59,207	Jan. 1	126	382
Smith Drug Company, Baldwinville, N. Y. Remedy for rheumatism.....	61,454	Mar. 19	127	1250
Smith & Egge Mfg. Co., Bridgeport, Conn. Locks and keys.....	66,816	Dec. 31	131	2412
Smith, G. Edwin, Columbus, Ohio. Leather shoes.....	59,845	Jan. 22	126	1347
Smith, George F., Woodsboro, Md. Remedy for the treatment of the hair and scalp.....	62,627	May 14	128	882
Smith, James A., Wilmington, N. C. Effervescent salts.....	59,205	Jan. 1	126	382
Smith, James M., Abbott, Ark. Remedy for chills.....	65,743	Oct. 22	130	2366
Smith Kline & French Co., Philadelphia, Pa. Perfumes, sachet-powders, face-powders, talcum powder, and toilet washes.....	60,615	Feb. 12	126	2585
Smith Kline & French Co., Philadelphia, Pa. Perfumery and toilet and bath washes.....	60,616	Feb. 12	126	2585
Smith Kline & French Company, Philadelphia, Pa. Certain pharmaceutical preparations.....	63,462	June 18	128	2832
Smith Lichty & Hillman Company, Waterloo, Iowa. Spices.....	64,951	Aug. 27	129	3498
Smith Lichty & Hillman Company, Waterloo, Iowa. Mince-meat, dried fruits, and flavoring extracts.....	66,031	Nov. 5	131	355
Smith, Lyeurgus, Mineral Wells, Tex. Natural mineral water and crystals resulting therefrom.....	63,372	June 18	128	2830
Smith, Nevlin E., Greenville, Pa. Bread.....	63,987	July 16	129	1263
Smith, Orah, Oil City, Pa. Gas and gasoline engines.....	62,847	May 28	128	1683
Smith, Solomon P., Denver, Colo. Draft-regulators.....	64,230	July 30	129	2069
Smith & Sons Mfg. Co., Kansas City, Mo. Drag-scrapers, plows, and road-graders.....	62,818	May 28	128	1682
Smith & Sons Mfg. Co., Kansas City, Mo. Baling-presses.....	62,819	May 28	128	1682
Smith Thorndike & Brown Co., Milwaukee, Wis. Japan tea.....	60,264	Feb. 5	126	2181
Smith-Wallace Shoe Company, Chicago, Ill. Leather boots and shoes.....	64,973	Sept. 3	130	293
Smith-Wallace Shoe Company, Chicago, Ill. Leather boots and shoes.....	65,459	Sept. 24	130	1306
Smith-Wallace Shoe Company, Chicago, Ill. Leather boots and shoes.....	65,460	Sept. 24	130	1306
Smith-Wallace Shoe Company, Chicago, Ill. Leather boots and shoes.....	65,869	Oct. 29	130	2713
Smith, Will, Gouverneur, N. Y. Medicinal suppository for female diseases.....	65,234	Sept. 10	130	652
Smith, William F., assignor to H. C. Barber, New York, N. Y. Chemical sweeping compound.....	65,030	Sept. 3	130	295
Smith-Worthington Company, New York, N. Y. Saddle-housings and saddle-pads.....	61,591	Mar. 26	127	1574
Smithmade Suspender Co., Boston, Mass. Suspenders.....	63,384	June 18	128	2830

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Smokeless Powder and Cartridge Company, Cleveland, Ohio. Gunpowder and blasting-powder...	62,498	May 7	128	452
Smoot Drug Co., Provo, Utah. External remedy for croup.	63,424	June 18	128	2831
Snitjer Company, Pittsburg, Pa. Gas and vapor heaters and furnaces.	61,514	Mar. 26	127	1572
Snellenburg & Co., N., Philadelphia, Pa. Hosiery.	59,623	Jan. 15	126	1056
Snivi Medicine Company, Cincinnati, Ohio. Medicines for certain named diseases.	59,519	Jan. 8	126	752
Snow Flake Manufacturing Company, New York, N. Y. Ice-cream freezers.	66,597	Dec. 17	131	1935
Société Anonyme Ariès, Villeneuve la Garenne, France. Automobiles.	66,611	Dec. 17	131	1935
Société Anonyme Ariès, Villeneuve la Garenne, France. Automobiles.	66,612	Dec. 17	131	1936
Société Anonyme de Fondations par Compression Mecanique du Sol, Paris, France. Certain machinery.	61,998	Apr. 16	127	2809
Société Anonyme de la Distillerie de la Liqueur Benedictine de l'Abbaye de Fecamp, Fecamp, France. Cordial.	60,241	Jan. 29	126	1772
Société Anonyme de la Grande Distillerie E. Cusenier Fils Aine et Compagnie, Paris, France. Cordial.	62,200	Apr. 23	127	3211
Société Anonyme de la Grande Distillerie E. Cusenier Fils Aine et Compagnie, Paris, France. Apricot-brandy.	62,336	Apr. 30	127	3637
Société Anonyme de la Grande Distillerie E. Cusenier Fils Aine et Compagnie, Paris, France. Cordial.	62,370	Apr. 30	127	3638
Société Anonyme de la Grande Distillerie E. Cusenier Fils Aine et Compagnie, Paris, France. Cordial.	62,371	Apr. 30	127	3638
Société Anonyme de la Grande Distillerie E. Cusenier fils Ainé & Cie., Paris, France. Absinthe and vermouth.	66,581	Dec. 10	131	1683
Société Anonyme Des Anciens Etablissements Panhard & Levassor, Paris, France. Certain electrical machines and apparatus.	61,502	Mar. 26	127	1572
Société Anonyme Des Anciens Etablissements Panhard & Levassor, Paris, France. Automobiles and parts thereof.	61,503	Mar. 26	127	1572
Société Anonyme Des Anciens Etablissements Panhard & Levassor, Paris, France. Certain hand-tools.	62,317	Apr. 30	127	3637
Société Anonyme des Caves et des Producteurs réunis de Roquefort (Aveyron), Roquefort, Aveyron, France. Roquefort cheese.	66,598	Dec. 17	131	1935
Société Anonyme des Chocolats de Montreux, Séchaud & Fils, Montreux, Switzerland. Chocolate and cocoa.	59,110	Jan. 1	126	379
Société Anonyme des Explosifs de Clermont Muller & Cie., Liege, Belgium. Gunpowder.	64,533	Aug. 13	129	2852
Société Anonyme L'Electrique, Paris, France. Electric automobiles.	59,417	Jan. 8	126	750
Société Anonyme Periphote et Photorama, Paris, France. Apparatus for the vision of panoramic views.	63,292	June 11	128	2525
Société Anonyme pour la Fabrication des Faïences fines et Produits Céramiques, Maestricht, Netherlands. Fine pottery and ceramic products of all kinds.	59,679	Jan. 15	126	1057
Société Générale des Huiles et Fournitures Industrielles l'Oléo, Paris, France. Electric sparking apparatus and electric igniting apparatus.	60,336	Feb. 5	126	2183
Société Générale des Huiles et Fournitures Industrielles l'Oléo, Paris, France. Electric sparking and electric igniting apparatus.	60,571	Feb. 12	126	2584
Société Guérin-Boutron et Fils, Paris, France. Chocolate.	64,575	Aug. 13	129	2853
Société Guerlain, Paris, France. Perfumery and face-tints.	65,575	Oct. 8	130	1684
Société Guerlain, Paris, France. Perfumery.	65,576	Oct. 8	130	1684
Société "Le Ferment," Paris, France. Certain medicines.	66,754	Dec. 24	131	2141
Société Lorraine Des Anciens Etablissements De Dietrich & Cie. De Lunéville, Paris, France. Automobiles and parts thereof, except rubber tires.	60,089	Jan. 29	126	1768
Société l'Oxylithe, Paris, France. Products for the production of oxygen and peroxid of hydrogen.	59,208	Jan. 1	126	382
Society of Chemical Industry in Basle, Basel, Switzerland. Certain medicines.	61,791	Apr. 2	127	1989
Society of Chemical Industry in Basle, Basel, Switzerland. Certain medicine.	62,300	Apr. 30	127	3636
Soda Mint Gum Company, Trenton, N. J., and Allegheny, Pa. Chewing-gum.	61,532	Mar. 26	127	1572
Solis Cigar Company, Denver, Colo. Cigars.	64,402	Aug. 6	129	2495
Solms, Frederick C., Saginaw, Mich. Liquid furniture-polish.	65,183	Sept. 10	130	651
Soltmann, Edward G., New York, N. Y. Drawing instruments, compasses, T-squares, rulers, and dividers.	59,042	Jan. 1	126	377
Soltmann, Edward G., New York, N. Y. Tracing-paper.	59,170	Jan. 1	126	381
Soltmann, Edward G., New York, N. Y. Drawing-paper and tracing-paper.	59,171	Jan. 1	126	381
Soltmann, Edward G., New York, N. Y. Drawing-paper and tracing-paper.	59,713	Jan. 15	126	1058
Soltmann, Edward G., New York, N. Y. Drawing-paper and tracing-paper.	59,714	Jan. 15	126	1058
Soltmann, Edward G., New York, N. Y. Drawing-paper.	59,715	Jan. 15	126	1058
Soltmann, Edward G., New York, N. Y. Drawing-paper.	59,716	Jan. 15	126	1058
Soltmann, Edward G., New York, N. Y. Tracing-paper.	59,717	Jan. 15	126	1058
Soltmann, Edward G., New York, N. Y. Black print-paper.	59,858	Jan. 22	126	1348
Soltmann, Edward G., New York, N. Y. Drawing-paper.	59,859	Jan. 22	126	1348
Soltmann, Edward G., New York, N. Y. Pliable rubber erasers.	59,860	Jan. 22	126	1348
Soltmann, Edward G., New York, N. Y. Blackboards.	59,955	Jan. 22	126	1352
Soltmann, Edward G., New York, N. Y. Certain adhesives.	60,315	Feb. 5	126	2182
Soltmann, Edward G., New York, N. Y. Drawing-paper and tracing-paper.	65,184	Sept. 10	130	651
Soltmann, Edward G., New York, N. Y. Drawing-paper.	65,185	Sept. 10	130	651
Soltmann, Edward G., New York, N. Y. Tracing-cloth.	65,186	Sept. 10	130	651
Soltmann, Edward G., New York, N. Y. Tracing-cloth.	65,187	Sept. 10	130	651
Soltmann, Edward G., New York, N. Y. Tracing-cloth.	65,188	Sept. 10	130	651
Soltmann, Edward G., New York, N. Y. Tracing-cloth.	65,189	Sept. 10	130	651
Soltmann, Edward G., New York, N. Y. Tracing-cloth.	65,190	Sept. 10	130	651
Soltmann, Edward G., New York, N. Y. Steel pens.	65,191	Sept. 10	130	651
Soltmann, Edward G., New York, N. Y. Drawing-paper and tracing-paper.	65,203	Sept. 10	130	652
Soltmann, Edward G., New York, N. Y. Tracing-paper.	65,500	Oct. 8	130	1682
Soltmann, Edward G., New York, N. Y. Steel pens.	65,688	Oct. 15	130	2063
Soltmann, Edward G., New York, N. Y. Tracing-cloth.	65,689	Oct. 15	130	2063
Solurof (Thymic Acid) Company, Limited, London, England. Uric-acid solvent.	59,798	Jan. 15	126	1060
Sommer, Adolph, Cambridge, Mass. Certain erasers or erasing compositions.	60,496	Feb. 12	126	2582
Sommer, John J., North Attleboro, Mass. Certain jewelry.	64,803	Aug. 20	129	3157
Sonnenschein & Magnus, New York, N. Y. Pillow-tops, pillow-slips, and laundry-bags.	66,431	Nov. 26	131	1157
Sonnenschein, Leopold, Chicago, Ill. Whisky.	65,601	Oct. 8	130	1684
Sonnenhal & Co., Selig, London, England. Corundum and emery grinding-wheels.	66,030	Nov. 5	131	355
Sormani, Egbert J., Brooklyn, N. Y. Cough remedies.	65,965	Nov. 5	131	353
South Marion Mfg. Wholesale and Retail Drug Co., Marion, Ind. Insect-extermimator.	64,650	Aug. 13	129	2853
Southern Chemical Company, Dallas, Tex. Remedy for curing la grippe, colds, and similar ailments.	61,177	Mar. 5	127	389
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Cotton-seed oils.	59,118	Jan. 1	126	379
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, Ga. Cotton-seed oils.	59,119	Jan. 1	126	379
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Cotton-seed oils.	59,120	Jan. 1	126	379

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Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Cotton-seed oils.....	59,121	Jan. 1	126	379
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Cotton-seed oils.....	59,122	Jan. 1	126	380
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Soap.....	59,141	Jan. 1	126	380
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Soap.....	59,142	Jan. 1	126	380
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Soap.....	59,209	Jan. 1	126	382
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Cotton-seed oils.....	60,865	Feb. 26	126	3415
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Cotton-seed oils.....	60,866	Feb. 26	126	3415
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Cotton-seed oils.....	60,867	Feb. 26	126	3415
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Soap.....	60,966	Feb. 26	126	3418
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Mattresses.....	61,001	Feb. 26	126	3419
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. A mixture having for its essential ingredients a vegetable-oil and an animal fat.....	61,100	Mar. 5	127	386
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Cotton-seed oils.....	61,822	Apr. 9	127	2387
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Lard compound, cotton-seed oils.....	61,849	Apr. 9	127	2388
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Cotton-seed oils.....	62,273	Apr. 30	127	3636
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Cotton-seed oils.....	62,561	May 14	128	880
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y., and Charlotte, N. C. Mattresses.....	64,804	Aug. 20	129	3157
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y.; Savannah, Ga., and Gretna, La. Laundry soap.....	65,705	Oct. 15	130	2063
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y., and Charlotte, N. C. Cotton-batting.....	65,797	Oct. 22	130	2367
Southern Cotton Oil Company, Jersey City, N. J.; New York, N. Y., and Charlotte, N. C. Mattresses.....	65,893	Oct. 29	130	2714
Southern Manufacturing Co., Richmond, Va. Baking-powder.....	59,210	Jan. 1	126	382
Southern Manufacturing Co., Richmond, Va. Baking-powder.....	59,211	Jan. 1	126	382
Southern Optical Manufacturing Company, Atlanta, Ga. Glazed spectacles and eyeglasses.....	60,817	Feb. 19	126	3038
Southern Pharmaceutical & Chemical Co., Louisville, Ky., assignor to W. E. Turner, Hagerstown, Md. Alternative and reconstructive tonics.....	60,203	Jan. 29	126	1771
Southern Pharmaceutical & Chemical Co., Louisville, Ky., assignor to W. E. Turner, Hagerstown, Md. Uterine sedatives.....	64,865	Aug. 27	129	3496
Southern Stove Works, Branch Continental Stove Co., Incorporated, Richmond, Va. Stoves and ranges.....	60,572	Feb. 12	126	2584
Southern Substitute Turpentine Company, Wilmington, Del., and Highlandtown, Md. Substitute for turpentine.....	66,773	Dec. 24	131	2141
Southwestern Milling Company, Jersey City, N. J., and Kansas City, Mo. Wheat-flour.....	62,933	May 28	128	1685
Southwestern Milling Company, Jersey City, N. J., and Kansas City, Mo. Wheat-flour.....	62,934	May 28	128	1685
Spaethe, Wilhelm, Gera, Germany. Accordions.....	66,886	Dec. 31	131	2413
Spandauer & Co., B. D., Baltimore, Md. Women's shirt-waists and shirt-waist suits.....	63,385	June 18	128	2830
Sparham Fireproof Roofing Cement Comp'y, Montreal, Quebec, Canada. Roofing material of composition or cement.....	59,143	Jan. 1	126	380
Spartan Manufacturing Co., Galesburg, Ill. Feed-grinders.....	60,987	Feb. 26	126	3418
Spaulding & Co., W. W., Haverhill, Mass. Leather boots and shoes.....	59,123	Jan. 1	126	380
Spear Brothers Co., Baltimore, Md. Boots and shoes of leather.....	63,027	June 4	128	2079
Spear & Söhne, J. W., Nuremberg, Germany. Certain game.....	62,274	Apr. 30	127	3636
Spears & Riddle Co., Wheeling, W. Va. Washing-machines.....	66,257	Nov. 19	131	936
Speed Changing Pulley Company, Indianapolis, Ind. Carbureters for gas and gasoline engines.....	59,144	Jan. 1	126	380
Sperry, Emory C., Canton, Ohio. Candy.....	62,703	May 21	128	1287
Sperry Manufacturing Company, Owatonna, Minn. Grain cleaners and separators.....	59,718	Jan. 15	126	1058
Sperry & Walsh Hat Co., Nashville, Tenn. Fur felt hats.....	59,392	Jan. 8	126	749
Sperry & Walsh Hat Co., Nashville, Tenn. Fur felt hats.....	59,393	Jan. 8	126	749
Spetzler, Henry C., Baltimore, Md. Rat, vermin, and insect destroyer or exterminator.....	61,742	Apr. 2	127	1988
Spiegel & Prehs, New York, N. Y. Ladies' and girls' shirt-waists.....	65,837	Oct. 22	130	2368
Spinol Company, Pottsville, Pa. Remedy for whooping-cough, used externally.....	61,760	Apr. 2	127	1988
Spirine Extracting Co., Chicago, Ill. Laxative and digestive medicines.....	66,648	Dec. 17	131	1936
Spiro, Louis, New York, N. Y. Hair-dye.....	65,074	Sept. 3	130	296
Sporting Goods Publishing Company, St. Louis, Mo. Monthly magazine.....	66,460	Nov. 26	131	1158
Sporting News Publishing Company, St. Louis, Mo. Weekly paper.....	66,461	Nov. 26	131	1158
Sportsman Publishing Co., Milwaukee, Wis. Monthly magazine.....	63,716	July 2	129	476
Sprague Electric Company, New York, N. Y. Certain electrical supplies.....	63,248	June 11	128	2524
Sprague, Warner & Company. (See Union Bag and Paper Company, assignor.).....	59,235	Jan. 1	126	383
Sprague, Warner & Company, Chicago, Ill. Certain cereal foods.....	60,239	Jan. 29	126	1772
Sprague, Warner & Company, Chicago, Ill. Wheat-flour.....	60,868	Feb. 26	126	3415
Sprague, Warner & Company, Chicago, Ill. Coffee.....	61,959	Apr. 9	127	2391
Sprague, Warner & Company, Chicago, Ill. Rice.....	62,585	May 14	128	881
Sprague, Warner & Company, Chicago, Ill. Mixed rye and wheat flour.....	63,086	June 4	128	2080
Sprague, Warner & Company, Chicago, Ill. Canned salmon.....	59,680	Jan. 15	126	1057
Sprengstoff A.-G. Carbonit, Hamburg, Germany. Explosives used for loading projectiles and torpedoes.....	65,461	Sept. 24	130	1306
Sprengstoff A. G. Carbonit, Hamburg, Germany. Explosives used for loading projectiles and torpedoes.....	66,399	Nov. 26	131	1156
Springer, Oscar M., Boston, Mass. Dental cement.....	59,089	Jan. 1	126	379
Springer, Walter A., Wheeling, W. Va. Tobies or stogies.....	60,777	Feb. 19	126	3037
Springstein Mills, Chester, S. C. Gingham.....	60,778	Feb. 19	126	3037
Springstein Mills, Chester, S. C. Gingham.....	60,779	Feb. 19	126	3037
Springstein Mills, Chester, S. C. Gingham.....	60,780	Feb. 19	126	3037
Springstein Mills, Chester, S. C. Gingham.....	63,652	July 2	129	474
Squires, Harry L., Morgan City, La. Insect-poison.....	64,670	Aug. 20	129	3153
St. Hubert, Jules C. de, Hollister, Cal. Tonics.....	59,520	Jan. 8	126	752
St. Jacobs Oil, Limited, London, England, and Baltimore, Md. Hair renewer and restorative and tonic for the hair, scalp, and skin.....	59,521	Jan. 8	126	752
St. Jacobs Oil, Limited, London, England, and Baltimore, Md. Remedy for certain named diseases.....	59,565	Jan. 8	126	754
St. Jacobs Oil, Limited, London, England, and Baltimore, Md. Remedy for certain named diseases.....	59,566	Jan. 8	126	754

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St. Jacobs Oil, Limited, London, England, and Baltimore, Md. Remedy for certain named diseases.	59,567	Jan. 8	126	754
St. Jacobs Oil, Limited, London, England, and Baltimore, Md. Remedy for certain named diseases.	59,568	Jan. 8	126	754
St. Jacobs Oil, Limited, London, England, and Baltimore, Md. Remedy for certain named diseases.	59,569	Jan. 8	126	754
St. Jacobs Oil, Limited, London, England, and Baltimore, Md. Certain medicine.	64,507	Aug. 13	129	2851
St. Jacobs Oil, Limited, Baltimore, Md. Medicinal plaster.	60,002	Jan. 22	126	1352
St. Louis Brewing Association, St. Louis, Mo. Beer.	64,805	Aug. 20	129	3157
St. Louis Coffee and Spice Mills, St. Louis, Mo. Baking-powder.	66,112	Nov. 12	131	685
St. Louis Coffee and Spice Mills, St. Louis, Mo. Coffee and tea.	66,188	Nov. 12	131	687
St. Louis Coffee and Spice Mills, St. Louis, Mo. Spices and flavoring extracts.	66,189	Nov. 12	131	687
St. Louis Dust Settling Co., St. Louis, Mo. Preparation to absorb dust when sweeping.	61,656	Apr. 2	127	1985
St. Louis Lightning Rod Co., St. Louis, Mo. Lightning-rods covered or plated with a layer of copper.	60,575	Feb. 12	126	2584
St. Louis, Rocky Mountain & Pacific Co., Raton, N. Mex. Ter. Coal.	65,105	Sept. 10	130	649
St. Louis, Rocky Mountain & Pacific Co., Raton, N. Mex. Ter. Washed coke.	65,106	Sept. 10	130	649
St. Louis Syrup & Preserving Company, St. Louis, Mo. Certain foods.	61,832	Apr. 9	127	2388
St. Louis Syrup & Preserving Company, St. Louis, Mo. Table-syrups, molasses, sorghum, and maple-syrup.	61,862	Apr. 9	127	2388
St. Louis Union Trust Company, St. Louis, Mo. Stoves and ranges.	59,394	Jan. 8	126	749
St. Louis Union Trust Company, St. Louis, Mo. Stoves and ranges.	63,619	July 2	129	473
St. Louis Union Trust Company, St. Louis, Mo. Stoves and ranges.	63,868	July 9	129	866
St. Louis Union Trust Company, St. Louis, Mo. Stoves and ranges.	63,971	July 16	129	1263
St. Paul Rubber Co., St. Paul, Minn. Rubber boots, overshoes, and rubbers.	65,816	Oct. 22	130	2367
St. Paul Syrup Refining Company, St. Paul, Minn. Syrup.	64,005	July 16	129	1264
Stadler, August W., Cleveland, Ohio. Soap.	60,285	Feb. 5	126	2182
Stahl, John M., Chicago, Ill. Newspapers.	63,748	July 9	129	863
Stahl-Urban & Co., Terre Haute, Ind. Certain named clothing.	59,172	Jan. 1	126	381
Stallman, Frederick L., New York, N. Y. Certain insect-repellent.	63,436	June 18	128	2832
Stallman & Fulton Company, New York, N. Y. Medicinal oil.	62,079	Apr. 16	127	2812
Stallman & Fulton Company, New York, N. Y. Medicinal oil.	63,293	June 11	128	2525
Stamford Manufacturing Company, Stamford, Conn., and New York, N. Y. Tanning extract.	63,666	July 2	129	474
Standard Asphalt and Rubber Company, Jersey City, N. J., and Chicago, Ill. Certain masonry materials.	63,540	June 25	128	3283
Standard Asphalt and Rubber Company, Jersey City, N. J., and Chicago, Ill. Mineral rubber and asphaltic insulation for electrical purposes.	63,541	June 25	128	3283
Standard Brewery Company of Baltimore City, Baltimore, Md. Porter.	60,219	Jan. 29	126	1771
Standard Brewery Company of Baltimore City, Baltimore, Md. Beer.	61,390	Mar. 19	127	1248
Standard Gauge Manufacturing Company, Syracuse, N. Y. Pantry-cabinets.	65,462	Sept. 24	130	1306
Standard Horse Shoe Company, Boston and South Wareham, Mass. Horse and mules' shoes.	64,177	July 30	129	2067
Standard Medicine Co., Empire, Mich. Certain medicinal compound.	64,154	July 23	129	1606
Standard Milling Co., Houston, Tex. Wheat-flour.	61,533	Mar. 26	127	1572
Standard Oil Co. of New York, New York, N. Y. Naphtha, benzine, and gasoline.	59,053	Jan. 1	126	378
Standard Oil Co. of New York, New York, N. Y. Illuminating-oil.	64,903	Aug. 27	129	3497
Standard Oil Co. of New York, New York, N. Y. Illuminating-oil.	64,904	Aug. 27	129	3497
Standard Oil Co. of New York, New York, N. Y. Illuminating-oil.	64,905	Aug. 27	129	3497
Standard Oil Co. of New York, New York, N. Y. Gasoline.	65,427	Sept. 24	130	1305
Standard Oil Co. of New York, New York, N. Y. Benzine, naphtha, and gasoline.	65,660	Oct. 15	130	2062
Standard Oil Co. of New York, New York, N. Y. Illuminating-oil.	65,929	Oct. 29	130	2715
Standard Oil Co. of New York, New York, N. Y. Naphtha.	66,462	Nov. 26	131	1158
Standard Oil Company of New York, New York, N. Y. Illuminating-oil.	65,428	Sept. 24	130	1305
Standard Oil Company of New York, New York, N. Y. Illuminating-oil.	65,429	Sept. 24	130	1305
Standard Paper M'n'g. Co., Manchester, Va. Blotting-paper.	60,945	Feb. 26	126	3417
Standard Playing Card Co., Chicago, Ill. Playing-cards.	64,431	Aug. 6	129	2495
Standard Pressed Steel Co., Philadelphia, Pa. Shaft-hangers.	59,362	Jan. 8	126	748
Standard Sewing Machine Company, Cleveland, Ohio. Sewing-machines and attachments.	66,528	Dec. 10	131	1682
Standard Sewing Machine Company, Cleveland, Ohio. Sewing-machines and attachments.	66,529	Dec. 10	131	1682
Standard Sewing Machine Company, Cleveland, Ohio. Sewing-machines and attachments.	66,530	Dec. 10	131	1682
Standard Sewing Machine Company, Cleveland, Ohio. Sewing-machines and attachments.	66,531	Dec. 10	131	1682
Standard Sewing Machine Company, Cleveland, Ohio. Sewing-machines and attachments.	66,728	Dec. 24	131	2140
Standard Sewing Machine Company, Cleveland, Ohio. Sewing-machine needles.	66,729	Dec. 24	131	2140
Standard Soap Co., Berkeley, Cal. Laundry soap.	59,043	Jan. 1	126	377
Standard Varnish Works, New York, N. Y. Certain named paints and painters' materials.	59,363	Jan. 8	126	748
Standard Varnish Works, New York, N. Y. Varnishes, japans, and enamels.	63,147	June 11	128	2521
Standard Varnish Works, New York, N. Y. Certain painters' materials.	63,350	June 18	128	2829
Standard Varnish Works, New York, N. Y. Certain paints and painters' materials.	65,202	Sept. 10	130	652
Standard Varnish Works, New York, N. Y. Stains.	65,204	Sept. 10	130	652
Standard Wafer Co., New York, N. Y. Biscuits.	66,032	Nov. 5	131	355
Stanley Rule & Level Company, New Britain, Conn. Certain measuring instruments.	66,675	Dec. 17	131	1937
Stanley Rule & Level Company, New Britain, Conn. Planes.	66,827	Dec. 31	131	2412
Stannard, Charles F., Philadelphia, Pa., assignor to C. Harold Reich, London S. W., England. Lubricating-oils.	59,831	Jan. 22	126	1347
Star Distillery Co., Cincinnati, Ohio. Whisky.	61,592	Mar. 26	127	1574
Star Incubator and Brooder Co., Boundbrook, N. J. Incubators and brooders.	62,491	May 7	128	451
Star Manufacturing Co., Carpentersville, Ill. Flows, cultivators, and stock parts or shapes therefor.	62,597	May 14	128	881
Star Trading Company, Rochester, N. Y. Germicide, disinfectant, and antiseptic preparations.	62,226	Apr. 23	127	3211
Stark-Tuscarawas Breweries Co., Canton, Ohio. Beer.	66,868	Dec. 31	131	2413
Stärker, Hermann, Chemnitz, Germany, and New York, N. Y. Hosiery.	61,178	Mar. 5	127	389
Starkweather & Williams Co., Providence, R. I. Mixed paint.	64,178	July 30	129	2067
Starlight Brothers, New York, N. Y. Cigars.	66,887	Dec. 31	131	2414
Starr Piano Co., Richmond, Ind. Pianos and organs.	64,506	Aug. 13	129	2851
Starr Piano Company, Richmond, Ind. Pianos.	60,204	Jan. 29	126	1771
Starry, Wallace G., Harrisburg, Pa. Waterproof collars and cuffs.	62,764	May 21	128	1288
Starry, Wallace G., Harrisburg, Pa. Waterproof collars and cuffs.	63,683	July 2	129	475
Sté. Ame. de Commentry Fourchambault et Decazeville, Paris, France. Alloy which is substantially inexpandible.	63,970	July 16	129	1263
Stearns & Curtiss, New York, N. Y. Laxatives.	63,203	June 11	128	2522
Stearns & Curtiss, New York, N. Y. Remedy for disorders of the stomach and bowels.	64,325	July 30	129	2071
Stearns Electric Paste Co., Buffalo, N. Y. Rat and roach exterminator.	60,395	Feb. 5	126	2185
Stearns Electric Paste Co., Buffalo, N. Y. Rat and roach exterminator.	60,396	Feb. 5	126	2185
Stearns Electric Paste Co., Buffalo, N. Y. Rat and roach exterminator.	61,655	Apr. 2	127	1985
Stearns Electric Paste Co., Buffalo, N. Y. Rat and roach exterminator.	63,294	June 11	128	2525
Stearns Electric Paste Co., Buffalo, N. Y. Animal-poison.	63,945	July 16	129	1262
Stearns Electric Paste Co., Buffalo, N. Y. Animal-poison.	64,560	Aug. 13	129	2853
Stearns, John N., Syracuse, N. Y. Castor-oil.	62,288	Apr. 30	127	3636
Stebbins Lawson and Spragins Co., South Boston, Va. Cotton piece goods.	62,771	May 21	128	1288
Steck, Frederick A., Oil City, Pa. Certain medicines.	62,383	Apr. 30	127	3638
Steel, Firm of Robert, Philadelphia, Pa. Whisky.	59,500	Jan. 8	126	752
Steel, Robert, Philadelphia, Pa. Whisky.	63,867	July 9	129	866

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Steele, Frederick A., New Rochelle, N. Y. Medicated and antiseptic pads for external treatment of the anus.	66,774	Dec. 24	131	2141
Steibel, Elizabeth M., Washington, D. C. Hair-tonics.	59,279	Jan. 1	126	384
Steiger-Busch, George W., St. Louis, Mo. Wines.	64,840	Aug. 27	129	3495
Stein Bloch Co., Rochester, N. Y. Coats, overcoats, vests, and trousers.	60,573	Feb. 12	126	2584
Stein Brothers, Chicago, Ill. Whisky.	60,574	Feb. 12	126	2584
Stein Brothers, Chicago, Ill. Whisky.	64,807	Aug. 20	129	3157
Stein Brothers, Chicago, Ill. Whisky.	66,807	Dec. 31	131	2411
Stein & Co., A., Chicago, Ill. Hose-supporters.	61,188	Mar. 5	127	389
Stein, Hermann, Berlin, Germany. Medicinal wines.	63,653	July 2	129	474
Steinberger & Kalisher, San Francisco, Cal. Kid gloves.	62,598	May 14	128	881
Steinberger & Kalisher, San Francisco, Cal. Kid gloves.	62,599	May 14	128	881
Steinecke, Henry L., Kansas City, Mo. Salve.	64,316	July 30	129	2071
Steinhardt Bros. & Co., New York, N. Y. Whisky.	63,204	June 11	128	2522
Steinway & Sons, New York, N. Y. Circulars, pamphlets, and librettos.	61,850	Apr. 9	127	2388
Stephens, Henry C., London, England. Writing-inks.	65,706	Oct. 15	130	2063
Stephens Manufacturing Co., A. W., Waltham, Mass. Metal bottle-openers.	62,765	May 21	128	1288
Stephenson, James A., Jr., Dayton, N. Y. Proprietary medicine for the cure of diseases of the uterus and vagina.	63,667	July 2	129	474
Sterling Electric Co., La Fayette, Ind. Magazines.	61,743	Apr. 2	127	1988
Sterling Electrical Manufacturing Company, Warren, Ohio. Decorative electric-lighting outfits.	61,515	Mar. 26	127	1572
Sterling Electrical Manufacturing Company, Warren, Ohio. Decorative electric-lighting outfits.	61,548	Mar. 26	127	1573
Sterling Knit Goods Co., Boston, Mass. Knit union or combination undergarments and sweaters.	62,439	May 7	128	450
Sterling Oil Company, Emlenton, Pa. Oils and greases used in stuffing and finishing leather.	64,179	July 30	129	2067
Stern Brothers & Company, New York, N. Y. Link-buttons, tie-clasps, studs, and collar-supporters.	61,612	Mar. 26	127	1575
Stern Brothers & Company, New York, N. Y. Thimbles.	61,613	Mar. 26	127	1575
Stern & Co., Louis, Providence, R. I. Jewelry.	63,249	June 11	128	2524
Stern, Isidore, New York, N. Y. Tooth-bracking.	60,143	Jan. 29	126	1769
Stern & Saalberg Company, New York, N. Y. Pulling-candies.	62,179	Apr. 23	127	3210
Sternau & Co., S., Brooklyn, N. Y. Certain metal manufactures.	62,318	Apr. 30	127	3637
Sternau & Co., S., Brooklyn, N. Y. Certain metal manufactures.	62,562	May 14	128	880
Sternau & Co., S., Brooklyn, N. Y. Bath-sprays and overhead showers.	62,993	June 4	128	2078
Stauben County Wine Co., Chicago, Ill. Whisky.	65,463	Sept. 24	130	1306
Stauben County Wine Co., Chicago, Ill. Whisky.	65,464	Sept. 24	130	1306
Stauben County Wine Co., Chicago, Ill. Whisky.	65,465	Sept. 24	130	1306
Stevens-Duryea Company, Chicopee Falls, Mass. Automobiles.	66,790	Dec. 31	131	2411
Stewart, Arthur C., Boston, Mass. Soap.	59,719	Jan. 15	126	1058
Stewart Bread Co., Philadelphia, Pa. Bread, cakes, biscuits, and crackers.	60,464	Feb. 12	126	2581
Stewart & Co., Baltimore, Md. Canned corn and peas and tomato-catsup.	65,407	Sept. 24	130	1304
Stewart & Co., Baltimore, Md. Ladies' leather boots and shoes.	66,111	Nov. 12	131	685
Stirling Silk Mfg. Co., Stirling, N. J., and New York, N. Y. Silk piece goods.	65,327	Sept. 17	130	973
Stirn, L. & E., New York, N. Y. Ribbons.	63,109	June 4	128	2081
Stirn, L. & E., New York, N. Y. Ribbons.	63,110	June 4	128	2081
Stix, Baer & Fuller D. Goods Co., St. Louis, Mo. Corsets.	63,386	June 18	128	2830
Stoddard Gilbert & Co., New Haven, Conn. Wheat-flour.	59,861	Jan. 22	126	1348
Stoddard Gilbert & Co., New Haven, Conn. Wheat-flour.	63,988	July 16	129	1263
Stoepel, Herman R., Detroit, Mich. Pants, coats, vests, and overalls.	59,145	Jan. 1	126	380
Stohr, Franz, Vienna, Austria-Hungary. Certain medicinal preparation.	61,960	Apr. 9	127	2391
Stollwerck Bros., New York, N. Y. Candy, chocolate, cocoa, chewing-gum, and bonbons.	62,464	May 7	128	451
Stollwerck Bros., New York, N. Y. Cocoa, chocolate, and candy.	66,311	Nov. 19	131	937
Stone & Company, F. I., Atlanta, Ga. Plant-fenders.	63,013	June 4	128	2078
Stone-Ordean-Wells Co., Duluth, Minn. Canned fruits and vegetables.	62,465	May 7	128	451
Stone, Sarah B., New Haven, Conn. Jellies.	62,080	Apr. 16	127	2812
Stone, Sarah B., New Haven, Conn. Jellies.	62,190	Apr. 23	127	3210
Stork Company, Boston, Mass. Certain clothing.	60,617	Feb. 12	126	2585
Storriohann, Ulla, St. Louis, Mo. Insect-poison.	65,744	Oct. 22	130	2366
Stott, David, Detroit, Mich. Wheat-flour.	64,761	Aug. 20	129	3156
Stott Woolen Company, Stottville, N. Y. Woolen broadcloths.	63,786	July 9	129	864
Strader, Robert S., Lexington, Ky. Whisky.	61,534	Mar. 26	127	1573
Strader, Robert S., Lexington, Ky. Whisky.	61,535	Mar. 26	127	1573
Strader, Wilson P., Lexington, Ky. Tonic for treatment of rheumatism and diseases of the stomach.	64,464	Aug. 6	129	2496
Strader, Wilson P., Lexington, Ky. Whisky, gin, brandy, cordials, and cocktails.	66,755	Dec. 24	131	2141
Strasburger, Byron L., New York, N. Y. Watches, watch-movements, and watchcases.	61,267	Mar. 12	127	842
Strasburger, Byron L., New York, N. Y. Watches and watch-movements.	66,011	Nov. 5	131	354
Strasburger, Byron L., New York, N. Y. Watches and watch-movements.	66,565	Dec. 10	131	1683
Strassburger, Gustave, New York, N. Y. Tooth-brushes.	66,258	Nov. 19	131	936
Straub, John Ph., Chicago, Ill. Whisky.	62,372	Apr. 30	127	3638
Straus, Gunst & Co., Richmond, Va. Whisky.	61,614	Mar. 26	127	1575
Straus, Gunst & Co., Richmond, Va. Whisky.	62,227	Apr. 23	127	3211
Strauss, Max, New York, N. Y. Silk piece goods and silk and cotton mixed piece goods.	63,373	June 18	128	2830
Strawbridge & Clothier, Philadelphia, Pa. Dress fabrics composed of worsted or cotton, and worsted and cotton.	66,481	Dec. 3	131	1417
Street and Corkran Company, Baltimore county and Baltimore, Md. Substitute for lard.	65,075	Sept. 3	130	296
Street & Sons, Geo. O., New York, N. Y. Certain jewelry.	64,447	Aug. 6	129	2496
Streit & Co., Samuel, New York, N. Y. Port-wine.	60,850	Feb. 19	126	3038
Streit & Co., Samuel, New York, N. Y. Port-wine.	64,403	Aug. 6	129	2495
Strickler, Samuel K., Mifflinburg, Pa. Medicated stook food.	59,990	Jan. 22	126	1351
Stritzinger & Co., F. G., Norristown, Pa. Wheat-flour.	60,465	Feb. 12	126	2581
Stromberg-Carlson Telephone Mfg. Company, Rochester, N. Y. Certain electrical instruments.	66,210	Nov. 12	131	688
Strong Machinery & Supply Co., New York, N. Y. Metallic packings.	61,536	Mar. 26	127	1573
Studebaker Bros. Mfg. Co., South Bend, Ind. Buggies and carriages.	59,501	Jan. 8	126	752
Studebaker Bros. Mfg. Co., South Bend, Ind. Buggies and carriages.	61,153	Mar. 5	127	388
Stuyvesant Company, New York, N. Y. Illustrated weekly journal.	61,713	Apr. 2	127	1987
Successful Farming Publishing Company, Des Moines, Iowa. Monthly newspaper.	61,626	Mar. 26	127	1575
Suchard Societe Anonyme. (See Russ-Suchard & Cie., assignors.)				
Suesskind Schatz Co., New York, N. Y. Cigars, cheroots, and all tobacco cigarettes.	59,173	Jan. 1	126	381
Suffern, Robert A., New York, N. Y. Cotton piece goods consisting of sheetings, shirtings, and drills.	60,397	Feb. 5	126	2185
Suffern, Robert A., New York, N. Y. Sheetings, shirtings, and drills.	63,111	June 4	128	2081
Suhr, Charles, West Hoboken, N. J. Tooth, face, toilet, and laxative powders and hair-tonics.	59,570	Jan. 8	126	754
Summit City Soap Works, Fort Wayne, Ind. Talcum powder.	59,770	Jan. 15	126	1059
Summit City Soap Works, Fort Wayne, Ind. Certain chemical preparation.	60,046	Jan. 22	126	1353
Summit Foundry Co., Geneva, N. Y. Stoves, ranges, and furnaces and parts thereof.	66,204	Nov. 12	131	688
Sumner, William P., Jacksonville, Fla. Butter.	59,624	Jan. 15	126	1056
Sumner, William P., Jacksonville, Fla. Canned fruits and vegetables.	59,799	Jan. 15	126	1060

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Sumner, William P., Jacksonville, Fla. Canned fruits and vegetables.....	64,404	Aug. 6	129	2495
Sunbeam Incandescent Lamp Company, New York, N. Y. Incandescent electric lamps.....	62,015	Apr. 16	127	2810
Sunderland Brothers Company, Omaha, Nebr. Wall-plaster.....	64,762	Aug. 20	129	3156
Sunset Distilling Co., Chicago, Ill. Whisky.....	61,719	Apr. 2	127	1987
Sunset Hone Co., Los Angeles, Cal. Razor-hones.....	66,730	Dec. 24	131	2140
Suntych, John F., St. Paul, Nebr. Cigars.....	63,205	June 11	128	2522
Supplementary Spiral Spring Company, St. Louis, Mo. Automobile, carriage, and wagon springs.....	62,161	Apr. 23	127	3210
Surpass Leather Company, Philadelphia, Pa. Shoe and glove leather.....	59,625	Jan. 15	126	1056
Susquehanna Silk Mills, New York, N. Y. Silk piece goods.....	63,060	June 4	128	2080
Susquehanna Silk Mills, New York, N. Y. Silk piece goods.....	63,061	June 4	128	2080
Susquehanna Silk Mills, New York, N. Y. Silk piece goods and silk-mixed piece goods.....	63,684	July 2	129	475
Susquehanna Silk Mills, New York, N. Y. Silk piece goods and silk-mixed piece goods.....	63,685	July 2	129	475
Susquehanna Silk Mills, New York, N. Y. Silk piece goods and silk-mixed piece goods.....	63,686	July 2	129	475
Susquehanna Silk Mills, New York, N. Y. Silk and silk-mixed piece goods.....	64,883	Aug. 27	129	3496
Susquehanna Silk Mills, New York, N. Y. Silk and silk-mixed piece goods.....	64,884	Aug. 27	129	3496
Susquehanna Silk Mills, New York, N. Y. Silk and silk-mixed piece goods.....	64,885	Aug. 27	129	3496
Susquehanna Silk Mills, New York, N. Y. Silk and silk-mixed piece goods.....	64,886	Aug. 27	129	3497
Susquehanna Silk Mills, New York, N. Y. Silk and silk-mixed piece goods.....	64,887	Aug. 27	129	3497
Susquehanna Silk Mills, New York, N. Y. Silk and silk-mixed piece goods.....	64,888	Aug. 27	129	3497
Susquehanna Silk Mills, New York, N. Y. Silk and silk-mixed piece goods.....	64,889	Aug. 27	129	3497
Susquehanna Silk Mills, New York, N. Y. Silk and silk-mixed piece goods.....	64,890	Aug. 27	129	3497
Susquehanna Silk Mills, New York, N. Y. Silk and silk-mixed piece goods.....	64,891	Aug. 27	129	3497
Susquehanna Silk Mills, New York, N. Y. Silk and silk-mixed piece goods.....	64,892	Aug. 27	129	3497
Susquehanna Silk Mills, New York, N. Y. Silk piece goods and silk-mixed piece goods.....	65,057	Sept. 3	130	295
Susquehanna Silk Mills, New York, N. Y. Silk piece goods and silk-mixed piece goods.....	65,090	Sept. 3	130	296
Susquehanna Silk Mills, New York, N. Y. Silk piece goods and silk-mixed piece goods.....	65,281	Sept. 17	130	972
Susquehanna Silk Mills, New York, N. Y. Silk piece goods and silk-mixed piece goods.....	65,282	Sept. 17	130	972
Susquehanna Silk Mills, New York, N. Y. Silk piece goods and silk-mixed piece goods.....	65,283	Sept. 17	130	972
Susquehanna Silk Mills, New York, N. Y. Silk piece goods and silk-mixed piece goods.....	65,284	Sept. 17	130	972
Susquehanna Silk Mills, New York, N. Y. Silk piece goods and silk-mixed piece goods.....	65,285	Sept. 17	130	972
Susquehanna Silk Mills, New York, N. Y. Silk and silk-mixed piece goods.....	65,707	Oct. 15	130	2063
Susquehanna Silk Mills, New York, N. Y. Silk piece goods and silk-mixed piece goods.....	66,033	Nov. 5	131	355
Sutherland, Alexander, Springfield, Mass. Skin food.....	63,787	July 9	129	864
Sutton, Edwin D., Millville, N. J. Certain medicinal preparations.....	61,961	Apr. 9	127	2391
Sutton & Sons, Reading, England. Seeds for agricultural and horticultural purposes.....	59,236	Jan. 1	126	383
Swain, Earle & Co., Boston, Mass. Tea.....	65,708	Oct. 15	130	2063
Swain, John W., <i>et al.</i> , executors. (See Delavan, M. Louise.)				
Swann Abram Hat Co., Louisville, Ky. Hats, not including rubber hats or knitted hats.....	61,243	Mar. 12	127	841
Sweeten-Crossan Electric Company, Philadelphia, Pa. Incandescent electric lamps.....	62,201	Apr. 23	127	3211
Switzer, Fredrick M., St. Louis, Mo. Chewing-gum.....	59,146	Jan. 1	126	380
Switzer, Fredrick M., St. Louis, Mo. Chewing-gum.....	59,800	Jan. 15	126	1060
Swope & Mangold Inc., Dallas, Tex. Whisky.....	65,340	Sept. 17	130	973
Syco Tina Company, New Bethlehem, Pa. Remedy for barber's itch, eczema, sores, burns, and scalds.....	60,175	Jan. 29	126	1770
Sykes & Strandberg, Attleboro, Mass. Jewelry.....	64,432	Aug. 6	129	2495
System Company, Chicago, Ill. Monthly magazine.....	66,775	Dec. 24	131	2141
T. A. Slocum Co., New York, N. Y. Expectorant.....	62,892	May 28	128	1684
T. A. Slocum Co., New York, N. Y. Porous plasters.....	63,557	June 25	128	3283
T. A. Slocum Co., New York, N. Y. Certain medicine.....	63,587	June 25	128	3284
T. B. Hall & Company, Limited, assignor to Machen & Company, Limited, Liverpool. England. Beer and port.....	65,838	Oct. 22	130	2368
T. F. Firth & Sons Limited, Brighouse, England. Horse-blankets and rugs.....	64,576	Aug. 13	129	2853
T. F. Firth & Sons Limited, Brighouse, England. Woolen blankets and rugs.....	64,601	Aug. 13	129	2854
T. L. Brundage Company, Cleveland, Ohio. Butter.....	60,117	Jan. 29	126	1768
T. L. Brundage Company, Cleveland, Ohio. Eggs.....	60,118	Jan. 29	126	1768
T. M. Sinclair & Co. Ltd., Cedar Rapids, Iowa. Lard compound.....	60,711	Feb. 19	126	3035
T. M. Sinclair & Co., Ltd., Cedar Rapids, Iowa. Lard compound.....	66,312	Nov. 19	131	937
T. N. Foster & Co., New York, N. Y. Kid gloves.....	64,192	July 30	129	2068
Tacoma Biscuit & Candy Company, Tacoma, Wash. Biscuits and cakes.....	59,280	Jan. 1	126	384
Tacoma Biscuit & Candy Company, Tacoma, Wash. Razors.....	65,076	Sept. 3	130	296
Takamine, Jokichi, New York, N. Y. Koji, moyashi, diastase, ferments, and converting agents.....	59,212	Jan. 1	126	382
Tannehill, Jabez B., Wilzetta, Okla. Ter. Salve.....	61,426	Mar. 19	127	1249
Tanqueray Gordon & Co. Limited, London, England. Whisky.....	63,062	June 4	128	2080
Tanqueray Gordon & Co. Limited, London, England. Gin.....	64,866	Aug. 27	129	3496
Tanqueray, Gordon & Co. Limited, London, England. Gin and cordials.....	65,077	Sept. 3	130	296
Tash, John D., Chicago, Ill. Compound pepper.....	63,112	June 4	128	2081
Taunton Rivet Company, Taunton, Mass. Rivets.....	62,162	Apr. 23	127	3210
Taussig, Adolf, New York, N. Y. Opera-glasses, field-glasses, and binoculars.....	59,649	Jan. 15	126	1056
Taussig, Oscar, New York, N. Y. Whisky.....	63,295	June 11	128	2525
Taylor-Atkins Paper Company, Burnside, Conn. Writing-paper.....	64,974	Sept. 3	130	293
Taylor Bros., Camden, N. J. Nutritive and tonic foods for poultry and pigeons.....	63,425	June 18	128	2831
Taylor Bros., Camden, N. J. Lice powder and paint.....	63,588	June 25	128	3284
Taylor Chair Company, Bedford, Ohio. Chairs, rockers, settees, and sofas.....	66,613	Dec. 17	131	1936
Taylor, Charles W., Detroit, Mich. Hand-batteries for local application.....	65,690	Oct. 15	130	2063
Taylor & Co., Humphrey, London, England. Brandy liqueur.....	63,756	July 9	129	863
Taylor Co., N. & G., Philadelphia, Pa. Tin andterne plate.....	59,054	Jan. 1	126	378
Taylor Co., N. & G., Philadelphia, Pa. Tin andterne plate.....	60,090	Jan. 29	126	1768
Taylor Co., N. & G., Philadelphia, Pa. Tin andterne plate.....	60,736	Feb. 19	126	3035
Taylor, Fred J., Kansas City, Mo. Medicated stock food.....	64,478	Aug. 6	129	2497
Taylor, H. P., Jr., Richmond, Va. Canned fruits and vegetables.....	66,059	Nov. 5	131	355
Taylor, Herbert, Boston, Mass. Comminuted desiccated bread.....	59,281	Jan. 1	126	384
Taylor, Horace B., Philadelphia, Pa. Pills for female complaints.....	66,852	Dec. 31	131	2413
Taylor Iron & Steel Co., High Bridge, N. J. Safes, vaults, and locks and parts thereof.....	59,965	Jan. 22	126	1351
Taylor Iron & Steel Co., High Bridge, N. J. Non-explosive projectiles and shields and parts for gun-carriages.....	60,047	Jan. 22	126	1353
Taylor Iron & Steel Co., High Bridge, N. J. Steel.....	60,144	Jan. 29	126	1769
Taylor Iron & Steel Co., High Bridge, N. J. Certain agricultural machinery and parts thereof.....	60,382	Feb. 5	126	2184
Taylor Iron & Steel Co., High Bridge, N. J. Certain railway equipment.....	60,437	Feb. 5	126	2186
Taylor Iron & Steel Co., High Bridge, N. J. Certain metal manufactures.....	60,576	Feb. 12	126	2584
Taylor Iron & Steel Co., High Bridge, N. J. Cast-steel shells for explosive projectiles.....	60,946	Feb. 26	126	3417
Taylor Iron & Steel Co., High Bridge, N. J. Certain machinery and parts thereof.....	61,314	Mar. 12	127	843
Taylor Iron & Steel Co., High Bridge, N. J. Steel car-wheels.....	61,516	Mar. 26	127	1572
Taylor Provision Co., Trenton, N. J. Pork-roll.....	61,356	Mar. 19	127	1247
Taylor, Stiles & Co., Riegelsville, N. J. Paper-stock cutters and paper-stock shredders.....	64,006	July 16	129	1264
Taylor, Stiles & Company, Riegelsville, N. J. Certain machinery and parts of machinery.....	63,869	July 9	129	866
Tea Tray Company of Newark, N. J., Newark, N. J. Metal shades and hoods and holders therefor.....	59,364	Jan. 8	126	748

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Tea Tray Company of Newark, N. J., Newark, N. J. Amplifying-horns and supports therefor . . .	59,650	Jan. 15	126	1056
Tea Tray Company of Newark, N. J., Newark, N. J. Amplifying-horns . . .	64,508	Aug. 13	129	2851
Tea Tray Company of Newark, New Jersey, Newark, N. J. Amplifying-horns . . .	60,220	Jan. 29	126	1771
Technical Supply Company, Scranton, Pa. Certain measuring and scientific apparatus, appliances, and instruments . . .	59,832	Jan. 22	126	1347
Technical Supply Company, Scranton, Pa. Drawing and tracing paper . . .	60,176	Jan. 29	126	1770
Technical Supply Company, Scranton, Pa. Blue-print paper . . .	61,675	Apr. 2	127	1986
Tecumseh Rack & Manufacturing Company, Adrian, Mich. Wagon-boxes, hay-racks, and stock-racks for use on vehicles . . .	60,781	Feb. 19	126	3037
Tedcastle & Co., A. W., Boston, Mass. Leather boots and shoes . . .	59,075	Jan. 1	126	378
Tedcastle & Co., A. W., Boston, Mass. Leather boots and shoes . . .	61,863	Apr. 9	127	2388
Tedcastle & Co., A. W., Boston, Mass. Leather boots and shoes . . .	60,012	Nov. 5	131	354
Tefft, Weller Company, New York, N. Y. Stockings . . .	62,029	Apr. 16	127	2810
Teibleman Sons & Co., E., New Orleans, La. Syrup and molasses . . .	65,046	Sept. 3	130	295
Teibleman Sons & Co., E., New Orleans, La. Syrup and molasses . . .	65,047	Sept. 3	130	295
Telephony Publishing Company, Chicago, Ill. Illustrated monthly journal . . .	60,205	Jan. 29	126	1771
Tengwall Company, Chicago, Ill. Certain paper manufactures . . .	60,177	Jan. 29	126	1770
Tennessee Fibre Company, Memphis, Tenn. Cotton-seed feed-meal . . .	62,563	May 14	128	880
Tennessee Packing & Provision Company, Nashville, Tenn. Sugar-cured meats . . .	63,296	June 11	128	2525
Teraqua Mineral Company, Memphis, Tenn. Certain medicines . . .	66,776	Dec. 24	131	2141
Terredo Proof Paint Company, New York, N. Y. Paints . . .	63,820	July 9	129	865
Terre Haute Extract & Chemical Co., Terre Haute, Ind. Toilet preparation . . .	63,788	July 9	129	864
Thaddeus Davids Company, New York, N. Y. Inks and stamp-pads . . .	59,898	Jan. 22	126	1349
Thaddeus Davids Company, New York, N. Y. Sealing-wax of all varieties, mucilage, and paste . . .	61,085	Mar. 5	127	386
Thanos, Louis, Galveston, Tex. Remedy for rheumatism . . .	65,513	Oct. 8	130	1682
Thayer, George C., Indianapolis, Ind. Relief-printing plates . . .	61,179	Mar. 5	127	389
Thayer, Russell, Philadelphia, Pa. Motor trucks and wagons . . .	65,252	Sept. 17	130	971
The J. G. Brill Company. (See J. G. Brill Company, assignor.)				
Theobald and Son Co., Columbus, Ohio. Whisky . . .	65,728	Oct. 22	130	2365
Thermograde Valve Co., Boston, Mass. Graduated seat-valves for steam and hot-water radiators . . .	64,044	July 23	129	1603
Therstrup, Nils, Newcastle-on-Tyne, England. Blue for laundry purposes . . .	59,213	Jan. 1	126	382
35% Automobile Supply Co., New York, N. Y. Automobile hats and caps . . .	61,090	Mar. 5	127	386
35% Automobile Supply Co., New York, N. Y. Automobile-lamps . . .	65,839	Oct. 22	130	2368
Thinknet Packing and Trading Co., Portland, Oreg. Canned salmon . . .	64,577	Aug. 13	129	2853
Thomas Bayley & Co., Ltd., Nottingham, England. All kinds of leather . . .	59,502	Jan. 8	126	752
Thomas, Blanche E., New York, N. Y. Nerve-tonic . . .	65,642	Oct. 15	130	2061
Thomas Devlin Manufacturing Co., Burlington, N. J., and Philadelphia, Pa. Certain metal manufactures . . .	59,730	Jan. 15	126	1058
Thomas G. Plant Company, Montclair, N. J., and Boston, Mass. Women's and misses' leather boots and shoes . . .	59,586	Jan. 8	126	754
Thomas Gill Soap Co., Inc., Brooklyn, N. Y. Laundry, toilet, and textile soaps . . .	64,433	Aug. 6	129	2495
Thomas' Sons, J. R., Youngstown, Ohio. Butter . . .	60,286	Feb. 5	126	2182
Thomas' Sons, J. R., Youngstown, Ohio. Wheat, rye, and Graham flours . . .	61,046	Mar. 5	127	385
Thomas' Sons, J. R., Youngstown, Ohio. Cornmeal . . .	61,823	Apr. 9	127	2387
Thomas' Sons, J. R., Youngstown, Ohio. Cheese made from cows' milk . . .	61,933	Apr. 9	127	230
Thomas Thorildsen & Company, Chicago, Ill. Food-preservatives . . .	61,427	Mar. 19	127	1249
Tompson, Anna F., Hampstead, London, England. Perfumed soap . . .	64,763	Aug. 20	129	3156
Tompson Drug Co., Tyrone, Pa. Ointment . . .	65,860	Oct. 29	130	2713
Tompson, Edward G., New York, N. Y. Remedy for the liquor habit . . .	64,479	Aug. 6	129	2497
Tompson, George W. (See Mortimer, Charles G., assignor.)				
Tompson, Harry G., Covington, Ky. Certain medical preparation . . .	62,081	Apr. 16	127	2812
Tompson, John E., Worcester, Mass. Exercising-machines, dumb-bells, and hand-grips . . .	62,499	May 7	128	452
Tompson Milling Company, Lockport, N. Y. Wheat-flour . . .	65,253	Sept. 17	130	971
Tompson Milling Company, Lockport, N. Y. Wheat-flour . . .	66,190	Nov. 12	131	687
Tompson and Ott, New York, N. Y. Milk, cream, and butter . . .	63,297	June 11	128	2525
Tompson and Trimble, Plattsburg, Mo. Remedy for skin diseases . . .	61,428	Mar. 19	127	1249
Thornton, Frank L., Providence, R. I. Certain cereal foods . . .	62,564	May 14	128	880
Thos. G. Carroll & Son Co. of Baltimore City, Baltimore, Md. Rye whisky . . .	62,704	May 21	128	1287
Thos. G. Carroll & Son Co. of Baltimore City, Baltimore, Md. Rye whisky . . .	62,772	May 21	128	1288
Thos. Harper & Sons Ltd., London, England. Certain needles . . .	66,869	Dec. 31	131	2413
Thos. Moore Distilling Co., McKeesport, Pa. Rye whisky . . .	61,761	Apr. 2	127	1988
Thos. Moore Distilling Co., McKeesport, Pa. Whisky . . .	64,806	Aug. 20	129	3157
Thoumaian, Armen H., Baltimore, Md. Prepared beverages made from milk and cream . . .	63,739	July 2	129	476
Tide Water Oil Co., New York, N. Y. Illuminating oil . . .	66,013	Nov. 5	131	354
Tiedemann & Son, Theo., New York, N. Y. Tulle . . .	59,456	Jan. 8	126	751
Tiffany & Co., New York, N. Y. Certain paper manufactures . . .	64,808	Aug. 20	129	3157
Tilden Company, New Lebanon, N. Y., and St. Louis, Mo. Medicinal preparation . . .	59,299	Jan. 1	126	384
Tilden Company, New Lebanon, N. Y., and St. Louis, Mo. Medicines for certain named diseases . . .	59,523	Jan. 8	126	753
Tilden Company, New Lebanon, N. Y., and St. Louis, Mo. Nutritive, restorative, stimulative, and antiseptic compound . . .	59,801	Jan. 15	126	1060
Tilden Company, New Lebanon, N. Y., and St. Louis, Mo. Germicides and disinfectants . . .	59,802	Jan. 15	126	1060
Tilden Company, New Lebanon, N. Y., and St. Louis, Mo. Alterative, resolvent, aperient medicine . . .	61,268	Mar. 12	127	842
Tilden Company, New Lebanon, N. Y. Expectorant, sedative, antispasmodic medicine . . .	61,180	Mar. 5	127	389
Tilly, C. de Koning, Haarlem, Netherlands. Oil for medicinal purposes and applications . . .	59,282	Jan. 1	126	384
Tilly, C. de Koning, Haarlem, Netherlands. Oil for medicinal purposes . . .	59,522	Jan. 8	126	753
Tilly, C. de Koning, Haarlem, Netherlands. Oil for medicinal purposes . . .	60,178	Jan. 29	126	1770
Tilly, C. de Koning, Haarlem, Netherlands. Oil for medicinal purposes and applications . . .	60,398	Feb. 5	126	2185
Tilly, C. de Koning, Haarlem, Netherlands. Oil for medicinal purposes and applications . . .	61,792	Apr. 2	127	1989
To-Kalon Vineyard Co., Chicago, Ill. Wines . . .	60,383	Feb. 5	126	2184
Toch Brothers, New York, N. Y. Scenic and fresco colors . . .	62,970	June 4	128	2077
Toch Brothers, New York, N. Y. Certain painters' materials . . .	63,351	June 18	128	2829
Toch Brothers, New York, N. Y. Insulating-paint . . .	65,691	Oct. 15	130	2063
Todd Manufacturing Co., New Albany, Ind. Hames . . .	62,515	May 14	128	879
Toledo Machine & Tool Co., Toledo, Ohio. Certain named machines . . .	59,147	Jan. 1	126	380
Toledo Railways & Light Company, Toledo, Ohio. Arc and incandescent electric lamps . . .	61,181	Mar. 5	127	389
Tolman Mfg. Co., Boston, Mass. Collar-supporters . . .	64,155	July 23	129	1606
Tom Ray Cutlery Company, Kansas City, Mo. Pocket-knives . . .	61,455	Mar. 19	127	1250
Tompkins Bros. Co., Troy, N. Y. Knitting machinery and parts of such machines . . .	59,076	Jan. 1	126	378
Tone Bros., Des Moines, Iowa. Coffee . . .	65,129	Sept. 10	130	650
Tone Bros., Des Moines, Iowa. Coffee . . .	65,130	Sept. 10	130	650
Tone Bros., Des Moines, Iowa. Coffee . . .	65,131	Sept. 10	130	650
Tonnancour, C. G. de, Montreal, Quebec, Canada. Blacking and dressing for boots, shoes, and leather . . .	66,191	Nov. 12	131	687
Topeka Milling Company, Topeka, Kans. Wheat-flour, buckwheat-flour, and cornmeal . . .	63,972	July 16	129	1263
Toronto Type Foundry Co., (Limited), Toronto, Canada. Certain adhesive composition . . .	66,731	Dec. 24	131	2140

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Touraine Confectionery Co., Boston, Mass. Chocolates.....	64,764	Aug. 20	129	3156
Touraine Confectionery Co., Boston, Mass. Chocolates.....	64,952	Aug. 27	129	3498
Touraine Confectionery Co., Boston, Mass. Chocolates.....	65,058	Sept. 3	130	295
Toussaint, Philip, New York, N. Y. Finger-cots made of leather.....	61,269	Mar. 12	127	842
Tower Mfg. & Nov. Co., New York, N. Y. Certain articles of stationery.....	59,651	Jan. 15	126	1056
Towle Mfg. Company, Newburyport, Mass. Solid and plated silver knives, forks, spoons, dishes, and condiment-receptacles.....	61,366	Mar. 19	127	1248
Towle Syrup Company, St. Paul, Minn. Pancake-flour.....	61,824	Apr. 9	127	2387
Towle Syrup Company, St. Paul, Minn. Syrup.....	61,962	Apr. 9	127	2391
Towle Syrup Company, St. Paul, Minn. Syrup.....	61,963	Apr. 9	127	2391
Towle Syrup Company, St. Paul, Minn. Syrup.....	61,964	Apr. 9	127	2391
Townsend, Grace Co. of Baltimore City, Baltimore, Md. Straw hats and caps.....	62,373	Apr. 30	127	3638
Tracy Shoe Co., Portsmouth, Ohio. Boots and shoes made of leather.....	66,676	Dec. 17	131	1937
Traka Metal Company, Medford, Mass. Bearing metals.....	61,517	Mar. 26	127	1572
Tranchant & Fennell, Osborne, Ohio. Wheat-flour.....	63,704	July 2	129	475
Traver, Frederick C., Chicago, Ill. Wrapping-paper.....	59,503	Jan. 8	126	752
Treadwell Shoe Company, Superior, Wis. Leather boots, shoes, and footwear.....	63,661	Oct. 15	130	2062
Tremont & Suffolk Mills, Lowell, Mass. Cotton piece goods.....	65,466	Sept. 24	130	1306
Trevor, William, New York, N. Y. Women's scarfs.....	59,077	Jan. 1	126	378
Trevor, William, New York, N. Y. Ladies' string-ties.....	62,525	May 14	128	879
Trevor, William, New York, N. Y. Ladies' embroidered linen collars.....	62,845	May 28	128	1683
Trigg Candy Company, Chattanooga, Tenn. Candy.....	63,298	June 11	128	2325
Trimont Manufacturing Co., Boston, Mass. Monkey-wrenches and pipe-wrenches.....	63,620	July 2	129	473
Triumph Electric Co., Cincinnati, Ohio. Ice-making machinery, ammonia-compressors, ammonia-condensers.....	64,975	Sept. 3	130	293
Tropic Fruit Company, Limited, Wahiawa, Oahu, Hawaii. Preparation of pineapple and sugar.....	59,078	Jan. 1	126	378
Tropic Fruit Company, Limited, Wahiawa, Oahu, Hawaii. Sweetened pineapple-juice.....	59,148	Jan. 1	126	380
Tropical Oil Company, Cleveland, Ohio. Mixed paints.....	65,840	Oct. 22	130	2368
Tropen Gesellschaft mit beschränkter Haftung, Mülheim-on-the-Rhine, Germany. Certain food.....	66,599	Dec. 17	131	1935
Tropen Gesellschaft mit beschränkter Haftung, Mülheim-on-the-Rhine, Germany. Certain food.....	66,600	Dec. 17	131	1935
Trostel & Sons, Albert, Milwaukee, Wis. Leather for shoes, harness, and gloves.....	60,818	Feb. 19	126	3038
Trostel & Sons, Albert, Milwaukee, Wis. Leather for harness.....	60,988	Feb. 26	126	3418
Trout Hardware Company, Chicago, Ill. Garden rakes, shovels, hoes, trowels, and spades.....	62,766	May 21	128	1288
Trout Hardware Company, Chicago, Ill. Certain culinary and cooking utensils.....	62,820	May 28	128	1682
Trout Hardware Company, Chicago, Ill. Certain cutlery and edge-tools.....	63,621	July 2	129	473
Trowbridge Chocolate Chip Co., Meadville, Pa. Candies.....	66,053	Nov. 5	131	355
Trowbridge Chocolate Chip Co., Meadville, Pa. Candies.....	66,061	Nov. 5	131	355
Troy Chemical Company, Binghamton, N. Y. Spavin cure.....	60,800	Feb. 19	126	3037
Troy Cold Water Kalsomine Company, Green Island, N. Y. Calcimine.....	63,148	June 11	128	2521
Troy Cold Water Kalsomine Company, Green Island, N. Y. Cold-water paint.....	63,479	June 25	128	3281
Tuesdell, George, Washington, D. C., and Deer Park, Md. Table-water.....	60,577	Feb. 12	126	2584
Truman, John G., Bushnell, Ill. Colic and fever cure for horses and cattle.....	62,735	May 21	128	1288
Trumbull Electric Manufacturing Company, Plainville, Conn. Certain electrical appliances.....	60,741	Feb. 19	126	3036
Trummer & Otto Vogler, P. H., Hamburg, Germany. Portland cement.....	60,692	Feb. 19	126	3034
Trummer & Otto Vogler, P. H., Hamburg, Germany. Hydraulic cement and asphalt.....	66,416	Nov. 26	131	1156
Trunk Bros. Drug Company, Denver, Colo. Certain medicines.....	66,313	Nov. 19	131	937
Tucker & Son, Luther, Albany, N. Y. Agricultural journal.....	60,497	Feb. 12	126	2582
Tunnell & Co., F. W., Philadelphia, Pa. Fertilizers.....	64,509	Aug. 13	129	2851
Tunnell & Co., F. W., Philadelphia, Pa. Fertilizers.....	66,601	Dec. 17	131	1935
Turnbull, W. C. R., Aiken, S. C. Non-alcoholic carbonated beverage.....	62,917	May 28	128	1684
Turner Brothers Limited, Rochdale, England. Certain jointing materials, engine-packings, and hose-pipes.....	64,534	Aug. 13	129	2852
Turner, William E. (See Southern Pharmacal & Chemical Co., assignor.)				
Turpentine Junior Company, Cincinnati, Ohio. Substitute for turpentine used as a liquid drier.....	60,145	Jan. 29	126	1769
Turpin, Henry E., Haywards, Cal. Remedy for various diseases of poultry.....	60,179	Jan. 29	126	1770
Turpin, Henry E., Haywards, Cal. Remedy for various diseases of poultry.....	61,182	Mar. 5	127	389
Turpin, Henry E., Haywards, Cal. Remedy for coughs and colds of horses and mules.....	66,532	Dec. 10	131	1682
Twentieth Century Window Company of the United States. (See Morrison, Robert A., assignor.)				
U. S. E. M. Co., New York, N. Y. Electrical bells and electrical push-buttons.....	66,732	Dec. 24	131	2140
U. S. Industrial Alcohol Co., New York, N. Y. Denatured alcohol.....	61,270	Mar. 12	127	842
Udolpho Wolfe Co., New York, N. Y. Aromatic Schiedam schnapps.....	59,816	Jan. 15	126	1061
Uhlmann, M., Chicago, Ill. Cheese of the Limburger type.....	59,932	Jan. 22	126	1350
Uhlmann, M., Chicago, Ill. Pork sausage.....	59,933	Jan. 22	126	1350
Ullman & Co., Cincinnati, Ohio. Whisky.....	59,395	Jan. 8	126	749
Ullman-Einstein Co., Cleveland, Ohio. Brandy, rum, and gin.....	63,038	June 4	128	2079
Ullman Einstein Co., Cleveland, Ohio. Whisky.....	66,432	Nov. 26	131	1157
Ullman, Sabbati E., Jersey City, N. J. Pepsin.....	64,317	July 30	129	2071
Ulmer & Son, Robert, New York, N. Y. Cigars, cigarettes, and chewing and smoking tobacco.....	64,671	Aug. 20	129	3153
Ulrich Charles J., New York, N. Y. Remedies for stomach troubles.....	66,278	Nov. 19	131	937
Underfeed Stoker Company of America, Chicago, Ill. Underfeed-stokers.....	63,886	July 9	129	866
Underwood, Charles C., Muldrow, Ind. Ter. Eye-salve.....	64,651	Aug. 13	129	2855
Unesda Brewing Co., Wheeling, W. Va. Beer.....	60,384	Feb. 5	126	2184
Union Bag & Paper Company, New York, N. Y. Paper bags.....	59,504	Jan. 8	126	752
Union Bag & Paper Company, New York, N. Y. Wrapping-paper, paper-boards, and paper bags.....	61,120	Mar. 5	127	387
Union Bag & Paper Company, New York, N. Y. Wrapping-paper and paper-boards.....	61,121	Mar. 5	127	387
Union Bag & Paper Company, New York, N. Y. Paper bags, paper, and paper-boards for wrapping purposes.....	62,600	May 14	128	881
Union Bag & Paper Company, New York, N. Y. Paper bags.....	63,180	June 11	128	2522
Union Bag & Paper Company, New York, N. Y. Paper and paper-boards for wrapping purposes.....	63,687	July 2	129	475
Union Bag & Paper Company, New York, N. Y. Paper bags.....	63,688	July 2	129	475
Union Bag and Paper Company, New York, N. Y., assignor to Sprague, Warner & Company, Chicago, Ill. Paper bags, wrapping-paper, and paper-boards.....	62,141	Apr. 23	127	3209
Union Brewing & Maltng Co., San Francisco, Cal. Beer.....	66,089	Nov. 5	131	356
Union Card & Paper Co., New York, N. Y. Writing-paper, bond-paper, and ledger-paper.....	60,914	Feb. 26	126	3416
Union Card & Paper Co., New York, N. Y. Writing-paper, bond-paper, and ledger-paper.....	62,253	Apr. 30	127	3635
Union Card & Paper Co., New York, N. Y. Bond, ledger, linen, and writing papers.....	63,181	June 11	128	2522
Union Condensed Milk Co., New York, N. Y. Milk.....	64,448	Aug. 6	129	2496
Union Fibre Co., Winona, Minn. Certain insulation material.....	60,578	Feb. 12	126	2584
Union Horse Nail Company, New Haven, Conn., and Chicago, Ill. Horse-nails.....	59,420	Jan. 8	126	750
Union Horse Nail Company, New Haven, Conn. Horse-nails.....	59,587	Jan. 8	126	754
Union Horse Nail Company, New Haven, Conn., and Chicago, Ill. Horse-nails.....	59,956	Jan. 22	126	1351
Union Match Co., Duluth, Minn. Friction-matches.....	63,149	June 11	128	2521
Union Match Company, Duluth, Minn. Friction-matches.....	61,518	Mar. 26	127	1572
Union Metallic Cartridge Company, Bridgeport, Conn. Gun and pistol cartridges and parts thereof.....	59,803	Jan. 15	126	1060
Union Metallic Cartridge Company, Bridgeport, Conn. Shotgun, rifle, and pistol cartridges, caps, and primers.....	64,990	Sept. 3	130	294

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Union Metallic Cartridge Company, Bridgeport, Conn. Shotgun, rifle, and pistol cartridges, caps, and primers.	64,991	Sept. 3	130	294
Union Metallic Cartridge Company, Bridgeport, Conn. Shotgun, rifle, and pistol cartridges, caps, and primers.	64,992	Sept. 3	130	294
Union Metallic Cartridge Company, Bridgeport, Conn. Shotgun, rifle, and pistol cartridges and primers.	65,031	Sept. 3	130	295
Union Metallic Cartridge Company, Bridgeport, Conn. Shotgun, rifle, and pistol cartridges and primers.	65,032	Sept. 3	130	295
Union Metallic Cartridge Company, Bridgeport, Conn. Shotgun, rifle, and pistol cartridges and primers.	65,033	Sept. 3	130	295
Union Metallic Cartridge Company, Bridgeport, Conn. Shotgun, rifle, and pistol cartridges and primers.	65,034	Sept. 3	130	295
Union Metallic Cartridge Company, Bridgeport, Conn. Shotgun, rifle, and pistol cartridges and primers.	65,035	Sept. 3	130	295
Union Metallic Cartridge Company, Bridgeport, Conn. Cartridges, shells, bullets, and wads.	65,036	Sept. 3	130	295
Union Metallic Cartridge Company, Bridgeport, Conn. Shotgun, rifle, and pistol cartridges, caps, and primers.	66,534	Dec. 10	131	1682
Union Oil Company, Providence, R. I. Certain named cooking-oil.	59,804	Jan. 15	126	1060
Union Oil Company, Providence, R. I. Cotton-seed oils.	60,298	Feb. 5	126	2182
Union Oil Company, Providence, R. I. Cotton-seed-oil soap.	60,579	Feb. 12	126	2584
Union Oil Company, Providence, R. I. Cotton-seed-oil soap.	63,628	July 2	129	473
Union Oil Company, Providence, R. I. Cotton-seed oil.	64,434	Aug. 6	129	2496
Union Oil Company, West New York, N. J. Cotton-seed oil.	60,265	Feb. 5	126	2181
Union Oil Company, West New York, N. J. Cotton-seed oil.	60,266	Feb. 5	126	2181
Union Paper & Twine Company, Cleveland, Ohio. Felt roofing.	62,666	May 21	128	1286
Union Portland Cement Company, Ogden, Utah. Portland cement.	66,533	Dec. 10	131	1682
Union Wholesale Liquor Co., Chicago, Ill. Bitters.	62,628	May 14	128	882
Unionsbrauerei Schülein & Co. Actien-Gesellschaft, Munich, Germany. Beer.	64,639	Aug. 13	129	2855
United Box Board & Paper Company, New York, N. Y. Cardboards and box-boards.	61,965	Apr. 9	127	2391
United Breweries Company, Chicago, Ill. Beer.	59,588	Jan. 8	126	754
United & Globe Rubber Manufacturing Companies, Trenton, N. J. Rubber hose.	59,862	Jan. 22	126	1348
United Injector Co., New York, N. Y. Injectors.	59,418	Jan. 8	126	750
United Injector Co., New York, N. Y. Strainers and valves.	59,419	Jan. 8	126	750
United Injector Co., New York, N. Y. Valves, strainers, and locks.	59,681	Jan. 15	126	1057
United Injector Co., New York, N. Y. Strainers and valves.	59,967	Jan. 22	126	1351
United Injector Co., New York, N. Y. Injectors and ejectors.	59,976	Jan. 22	126	1351
United Injector Co., New York, N. Y. Ejectors, inspirators, and tank-wells.	60,399	Feb. 5	126	2185
United Shoe Machinery Company, Paterson, N. J., and Boston, Mass. Boot and shoe sewing machines, parts, and attachments.	59,365	Jan. 8	126	748
United Shoe Machinery Company, Paterson, N. J., and Boston, Mass. Boot and shoe sewing machines, parts, and attachments.	59,366	Jan. 8	126	748
United States Bung Manufacturing Company, Cincinnati, Ohio. Bungs.	60,180	Jan. 29	126	1770
United States Dental Chemical Co., Rockymount, Va. Alkaline deodorizing and non-irritating germicidal agent.	62,212	Apr. 23	127	3211
United States Graphite Company, Saginaw, Mich. Certain named lubricating-oils.	59,505	Jan. 8	126	752
United States Graphite Company, Saginaw, Mich. Certain minerals.	60,319	Feb. 5	126	2183
United States Graphite Company, Saginaw, Mich. Certain lubricants.	61,816	Apr. 9	127	2387
United States Graphite Company, Saginaw, Mich. Graphite paint and pipe-cement.	62,971	June 4	128	2077
United States Graphite Company, Saginaw, Mich. Silver-lead or plumbago foundry-facings and pulverized graphite.	62,978	June 4	128	2078
United States Graphite Company, Saginaw, Mich. Certain paints.	63,352	June 18	128	2829
United States Graphite Company, Saginaw, Mich. Certain paints.	63,353	June 18	128	2829
United States Graphite Company, Saginaw, Mich. Certain graphite lubricants.	63,542	June 25	128	3283
United States Graphite Company, Saginaw, Mich. Silver-lead or plumbago foundry-facings and pulverized graphite.	64,076	July 23	129	1604
United States Horse-Radish Company, Saginaw, Mich. Horse-radish, mustard, and horse-radish mustard.	61,833	Apr. 9	127	2388
United States Paper Cutter Co., St. Louis, Mo. Roll-paper holders and cutters.	62,466	May 7	128	451
United States Paper Cutter Co., St. Louis, Mo. Roll-paper holders and cutters.	63,508	June 25	128	3282
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.	60,618	Feb. 12	126	2585
United States Playing Card Co., Cincinnati, Ohio. Game-counters and chips.	61,101	Mar. 5	127	386
United States Playing Card Co., Cincinnati, Ohio. Game-counters and chips.	61,102	Mar. 5	127	386
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.	62,565	May 14	128	880
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.	64,231	July 30	129	2069
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.	64,232	July 30	129	2069
United States Playing Card Co., Cincinnati, Ohio. Playing-cards.	64,906	Aug. 27	129	3497
United States Playing Card Company, Cincinnati, Ohio. Playing-cards.	59,044	Jan. 1	126	378
United States Radiator Company, Dunkirk, N. Y. Radiators.	59,805	Jan. 15	126	1060
United States Sanitary Manufacturing Company, Pittsburg, Pa. Metal bath-tubs with porcelain linings.	65,729	Oct. 22	130	2365
United States Whip Company, Westfield, Mass. Whips.	64,077	July 23	129	1604
United States Whip Company, Westfield, Mass. Whips.	64,370	Aug. 6	129	2494
United States Whip Company, Westfield, Mass. Whips.	64,561	Aug. 13	129	2853
United States Whip Company, Westfield, Mass. Whips.	65,146	Sept. 10	130	650
United States Whip Company, Westfield, Mass. Whips.	66,014	Nov. 5	131	354
Universal Brush Company, Troy and New York, N. Y. Toilet-brushes.	64,510	Aug. 13	129	2851
Universal Cable Grip Company, Syracuse, N. Y. Metal grips for cables, ropes, chains, and rods.	61,329	Mar. 12	127	844
Universal Oil Co., Baltimore, Md. Lubricating and cutting oils and greases and lubricating compounds.	64,562	Aug. 13	129	2852
Universal Talking Machine Manufacturing Company, New York, N. Y., and Newark, N. J. Sound recording or reproducing machines, parts thereof, and records therefor.	65,540	Oct. 8	130	1683
Upham Bro's, New York, N. Y. Teas and coffees.	65,132	Sept. 10	130	650
Upham Bro's, New York, N. Y. Teas and coffees.	66,062	Nov. 5	131	356
Upham Bros. Co., Stoughton, Mass. Leather boots, shoes, and slippers.	65,775	Oct. 22	130	2366
Uri, Nathan M., Louisville, Ky. Whisky.	63,792	July 9	129	864
Utica Drop Forge and Tool Co., Utica, N. Y. Nippers and pliers provided with a cutting edge.	66,649	Dec. 17	131	1937
Utility Salt Co., Wheeling, W. Va. Stock and table salt.	65,037	Sept. 3	130	295
Utz & Dunn, Rochester, N. Y. Leather boots and shoes.	61,456	Mar. 19	127	1250
Vacuum Oil Company, Rochester, N. Y. Salad-oil.	62,016	Apr. 16	127	2810
Vacuum Oil Company, Rochester, N. Y. Oils, greases, and waxes for the preservation of leather.	62,124	Apr. 16	127	2813
Vacuum Oil Company, Rochester, N. Y. Certain waxes, oils, and greases.	62,516	May 14	128	879
Vacuum Oil Company, Rochester, N. Y. Chemical mixtures for tanning.	62,629	May 14	128	882
Vacuum Oil Company, Rochester, N. Y. Certain oils and greases.	62,821	May 28	128	1682
Valdes & Co., Fernandez, Havana, Cuba. Leather boots, shoes, and slippers.	64,371	Aug. 6	129	2494
Valdes & Co., Fernandez, Havana, Cuba. Leather boots, shoes, and slippers.	64,372	Aug. 6	129	2494
Valdes & Co., Fernandez, Havana, Cuba. Leather boots, shoes, and slippers.	64,373	Aug. 6	129	2494

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Valdes & Co., Fernandez, Habana, Cuba. Certain footwear.....	65,153	Sept. 10	130	650
Valdes & Co., Fernandez, Habana, Cuba. Leather boots, shoes, and slippers.....	65,154	Sept. 10	130	650
Valdes & Co., Fernandez, Habana, Cuba. Certain footwear.....	65,155	Sept. 10	130	650
Valdes & Co., Fernz., Havana, Cuba. Leather boots and shoes.....	60,801	Feb. 19	126	3037
Valdes & Co., Fernz., Havana, Cuba. Leather boots, shoes, and oxfords.....	61,271	Mar. 12	127	842
Valdes & Co., Fernz., Havana, Cuba. Women's, misses', and children's leather boots and shoes.....	61,429	Mar. 19	127	1249
Valentine & Bentley Silk Co., Newton, N. J., and New York, N. Y. Silk piece goods.....	60,091	Jan. 29	126	1768
Valentine & Bentley Silk Co., Newton, N. J., and New York, N. Y. Silk dress goods in the piece.....	60,337	Feb. 5	126	2183
Valentine & Bentley Silk Co., Newton, N. J., and New York, N. Y. Silk piece goods.....	63,509	June 25	128	3282
Valentine & Company, New York, N. Y. Varnish.....	62,492	May 7	128	451
Valentino, Julia F., Nashville, Tenn. Chewing-gum.....	60,092	Jan. 29	126	1768
Valier & Spies Milling Company, Marine and St. Jacob, Ill., and St. Louis, Mo. Wheat-flour.....	60,267	Feb. 5	126	2181
Valier & Spies Milling Company, Marine and St. Jacob, Ill., and St. Louis, Mo. Wheat-flour.....	60,268	Feb. 5	126	2181
Valiquet, Louis P., Newark, N. J. Coin-operated talking and picture-displaying machines.....	60,181	Jan. 29	126	1770
Valligny, L. Pierre, New York, N. Y. Hair-dye.....	59,524	Jan. 8	126	753
Valvoline Oil Company, Edgewater, N. J., and New York, N. Y. Lubricating-oils.....	59,899	Jan. 22	126	1349
Valvoline Oil Company, Edgewater, N. J., and New York, N. Y. Lubricating-oils.....	60,669	Feb. 19	126	3034
Van Arsdale, Robert M., New York, N. Y. Monthly publication.....	62,337	Apr. 30	127	3637
Van Camp Hardware & Iron Company, Indianapolis, Ind. Knives, razors, forks, and scissors.....	64,318	July 30	129	2071
Van de Sandt Mfg. & Supply Co., Ltd., New York, N. Y. Boiler-preserving compounds.....	59,525	Jan. 8	126	752
Van Hecke, Prudence, New York, N. Y. Vegetable stomach-bitters, appetizers, and blood-purifiers.....	60,182	Jan. 29	126	1770
Van Nelle, De Erven de Wed., J., New Firm. (See Van Nelle, De Erven de Wed., J., assignor.)				
Van Nelle, De Erven de Wed., J., Rotterdam, Netherlands, assignor to New Firm De Erven de Wed. J. van Nelle. Smoking-tobacco, cigars, cigarettes, and snuff.....	65,877	Oct. 29	130	2713
Van Rensselaer, Charles A., New York, N. Y. Whisky.....	59,367	Jan. 8	126	748
Van Strum, Frederick T., Minneapolis, Minn. Cereal-wheat breakfast food.....	59,214	Jan. 1	126	382
Van Strum, Frederick T., Minneapolis, Minn. Cereal-wheat breakfast food.....	59,215	Jan. 1	126	382
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Whisky.....	59,506	Jan. 8	126	752
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Remedy for certain diseases.....	61,189	Mar. 5	127	389
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Remedy for certain diseases.....	61,190	Mar. 5	127	389
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Carbolic ointment.....	61,204	Mar. 5	127	389
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Essence of Jamaica ginger.....	61,205	Mar. 5	127	389
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Preparation for the cure of skin diseases.....	61,206	Mar. 5	127	388
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Itch-ointment.....	61,207	Mar. 5	127	389
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Preparation for the cure of venereal diseases and their results.....	61,208	Mar. 5	127	389
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Remedy for the cure of chills and fever.....	61,209	Mar. 5	127	389
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Remedy for colds and coughs, la grippe, and headache.....	61,210	Mar. 5	127	389
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Kidney medicine.....	61,211	Mar. 5	127	389
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Candy vermifuge.....	61,212	Mar. 5	127	389
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Tonic.....	61,934	Apr. 9	127	2390
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Hair-restorer.....	61,935	Apr. 9	127	2390
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Condition-powders.....	63,450	June 18	128	2832
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Remedy for colic and bots.....	64,672	Aug. 20	129	3153
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Whisky.....	66,445	Nov. 26	131	1157
Vanderslice-Lynds Mercantile Co., assignor to Megibben-Beatty Mercantile Co., Kansas City, Mo. Wheat-flour.....	59,457	Jan. 8	126	751
Vane-Calvert Paint Co., St. Louis, Mo. Colored pigments used for paint.....	62,873	May 28	128	1683
Vapo-Cresolene Company, New York, N. Y. Censers, vaporizers, and volatilizers for medical compounds.....	60,048	Jan. 22	126	1353
Vapo-Cresolene Company, New York, N. Y. Censers, vaporizers, and volatilizers for medical compounds.....	60,049	Jan. 22	126	1353
Vapo-Cresolene Company, New York, N. Y. Censers, vaporizers, and volatilizers for medical compounds.....	60,050	Jan. 22	126	1353
Vapo-Cresolene Company, New York, N. Y. Censers, vaporizers, and volatilizers for medical compounds.....	60,051	Jan. 22	126	1353
Vapo-Cresolene Company, New York, N. Y. Censers, vaporizers, and volatilizers for medical compounds.....	60,052	Jan. 22	126	1353
Vapo-Cresolene Company, Stanley, N. J., and New York, N. Y. Censers, vaporizers, and volatilizers for medical compounds.....	64,246	July 30	129	2069
Venesta Limited, London, England. Certain wood manufactures.....	66,279	Nov. 19	131	937
Ventilated Cushion & Spring Company, Chicago, Ill. Cushion-springs.....	62,546	May 14	128	880
Vereinigte Chemische Werke Aktiengesellschaft, Charlottenburg, near Berlin, Germany. Soap manufactured from wool-grease.....	65,761	Oct. 22	130	2366
Vereinigte Chemische Werke Aktiengesellschaft, Charlottenburg, near Berlin, Germany. Certain wool-fat preparations.....	65,841	Oct. 22	130	2368
Vereinigte Chemische Werke Aktiengesellschaft, Charlottenburg, near Berlin, Germany. Certain wool-fat preparations.....	65,842	Oct. 22	130	2368
Vereinigte Chemische Werke Aktiengesellschaft, Charlottenburg, near Berlin, Germany. Soap made of wool-fat.....	66,400	Nov. 26	131	1156
Verno Company, Milwaukee, Wis. Medicine for the cure of diseases of the stomach, liver, and kidneys.....	61,213	Mar. 5	127	389
Verona Medical Company, Chatham, N. J., and New York, N. Y. Remedy for lung and throat diseases.....	62,228	Apr. 23	127	3211
Verona Tool Works, Pittsburg, Pa. Certain named tools.....	59,507	Jan. 8	126	752
Vickery & Hill Publishing Co., Augusta, Me. Monthly periodical.....	62,647	May 21	128	1285
Victor Electric & Manufacturing Co., New York and Brooklyn, N. Y. Certain measuring instruments.....	63,916	July 16	129	1261
Victor Sporting Goods Co., Springfield, Mass. Certain named goods used in athletic games and sports.....	61,492	Mar. 26	127	1571
Victor Sporting Goods Co., Springfield, Mass. Certain clothing.....	65,107	Sept. 10	130	649
Victor Talking Machine Company, Camden, N. J. Sound recording or reproducing machines and parts thereof and records.....	59,550	Jan. 8	126	753
Victor Talking Machine Company, Camden, N. J. Talking-machines, parts, and records.....	60,930	Feb. 26	126	3417
Victor Talking Machine Company, Camden, N. J. Talking-machines and records therefor.....	63,299	June 11	128	2525
Victor Talking Machine Company, Camden, N. J. Talking-machines and talking-machine records.....	64,976	Sept. 3	130	293
Villeroy & Boch, Mettlach, Germany. Certain china, stoneware, earthenware, porcelain, and terra-cotta wares.....	63,426	June 18	128	2831
Vincent, Hilaire, Manchester, N. H. Internal remedy for purifying the blood and preventing cholera.....	61,690	Apr. 2	127	1986
Vinsonhale Shoe Co., St. Louis, Mo. Leather boots and shoes.....	61,976	Apr. 16	127	2809
Viriden, John C., Montgomery, Ala. Catalogues and pamphlets.....	60,466	Feb. 12	126	2581
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.....	59,731	Jan. 15	126	1058

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Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	60,670	Feb. 19	126	3034
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	61,103	Mar. 5	127	386
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	61,104	Mar. 5	127	386
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	61,105	Mar. 5	127	387
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	61,141	Mar. 5	127	388
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	61,315	Mar. 12	127	843
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	61,331	Mar. 12	127	844
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	61,343	Mar. 19	127	1247
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	61,549	Mar. 26	127	1573
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	62,667	May 21	128	1286
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	62,874	May 28	128	1683
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	63,087	June 4	128	2080
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	63,088	June 4	128	2080
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	64,765	Aug. 20	129	3156
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	65,776	Oct. 22	130	2366
Virginia-Carolina Chemical Company, Jersey City, N. J.; Richmond and Norfolk, Va.; Charleston, S. C.; Savannah and Atlanta, Ga.; Montgomery, Ala.; Durham, N. C., and Memphis, Tenn. Fertilizers.	65,894	Oct. 29	130	2714
Virginia Etna Lithia Springs Co., Jersey City, N. J., and New York, N. Y. Mineral water.	66,703	Dec. 24	131	2139
Virginia Etna Lithia Springs Co., Jersey City, N. J., and New York, N. Y. Mineral water.	60,947	Feb. 26	126	3417
Virginia Etna Lithia Springs Co., Jersey City, N. J., and New York, N. Y. Mineral water.	61,142	Mar. 5	127	388
Virginia Etna Lithia Springs Co., Jersey City, N. J., and New York, N. Y. Mineral water.	61,272	Mar. 12	127	842
Vogel & Bros., William, Brooklyn, N. Y. Certain lighting apparatus and stove-urns.	60,948	Feb. 26	126	3417
Vogel & Bros., Wm., Brooklyn, N. Y. Certain metal manufactures.	61,154	Mar. 5	127	388
Vogel, Frederick A., Milwaukee, Wis. Certain pharmaceutical preparation.	60,242	Jan. 29	126	1772
Voigt-Applegate Company, Louisville, Ky. Whisky.	66,808	Dec. 31	131	2411
Voigt & Co., Chattanooga, Tenn. Antiseptic compound.	65,745	Oct. 22	130	2366
Voigt & Co., Chattanooga, Tenn. Tasteless castor-oil.	65,966	Nov. 5	131	353
Von Bremen, MacMonnies & Co., New York, N. Y. Mushrooms, cepas, jellies, truffles, capers, and olives.	65,514	Oct. 8	130	1682
Voorhees, Harry B., Easton, Pa. Certain medicine.	62,893	May 28	128	1684
Voorzanger, Michael, Philadelphia, Pa. Steel pens.	59,111	Jan. 1	126	379
Voss Brothers Manufacturing Company, Davenport, Iowa. Washing-machines.	63,887	July 9	129	867
W. Bingham Company, Cleveland, Ohio. Padlocks.	64,535	Aug. 13	129	2852
W. Bingham Company, Cleveland, Ohio. Weighing-scales.	65,515	Oct. 8	130	1682
W. Bingham Company, Cleveland, Ohio. Lawn-mowers and grass-catchers therefor.	65,616	Oct. 8	130	1685
W. A. Ross & Brother Incorporated, New York, N. Y. Sherry.	61,367	Mar. 19	127	1248
W. A. Ross & Brother, Incorporated, New York, N. Y. Whisky.	63,761	July 9	129	863
W. A. Ross & Brother, Incorporated, New York, N. Y. Gin and apricot-brandy.	64,893	Aug. 27	129	3497
W. A. Ross & Brother, Incorporated, New York, N. Y. Whisky.	66,756	Dec. 24	131	2141
W. B. Cosgrave Shoe Co., Zanesville, Ohio. Felt boots.	61,977	Apr. 16	127	2809
W. B. Cosgrave Shoe Co., Zanesville, Ohio. Leather boots and shoes.	66,777	Dec. 24	131	2141
W. B. Cosgrave Shoe Co., Zanesville, Ohio. Leather boots and shoes.	66,778	Dec. 24	131	2141
W. D. Allen Manufacturing Company, Chicago, Ill. Brass candlesticks and valves.	65,843	Oct. 22	130	2368
W. D. Allen Mfg. Co., Chicago, Ill. Hose-clamps.	60,349	Feb. 5	126	2183
W. F. McLaughlin & Company, Chicago, Ill. Coffee.	65,709	Oct. 15	130	2063
W. F. McLaughlin & Company, Chicago, Ill. Coffee.	65,710	Oct. 15	130	2063
W. F. McLaughlin & Company, Chicago, Ill. Coffee.	65,844	Oct. 22	130	2368
W. F. McLaughlin & Company, Chicago, Ill. Coffee.	65,845	Oct. 22	130	2368
W. F. Severa Company, Cedar Rapids, Iowa. Certain medicines.	65,577	Oct. 8	130	1684
W. and F. Walker Limited, Liverpool, England. Disinfectants, air-purifiers, and deodorizers.	61,676	Apr. 2	127	1986
W. G. Bohannon Company, San Jose, Cal. Magazine or periodical.	63,463	June 18	128	2832
W. H. Coe Manufacturing Co., Providence, R. I. Implements for depositing metallic leaf.	65,951	Oct. 29	130	2715
W. H. Coe Manufacturing Co., Providence, R. I. Hand-operated gilding-wheel.	66,733	Dec. 24	131	2140
W. H. Coe Manufacturing Co., Providence, R. I. Hand-operated gilding-wheel.	66,734	Dec. 24	131	2140
W. H. Coe Manufacturing Co., Providence, R. I. Hand-operated gilding-wheel.	66,735	Dec. 24	131	2140
W. H. Montanye & Co. (See Montanye, Chas. H., assignor.)				
W. H. Montanye & Co., New York, N. Y. Teas.	60,869	Feb. 26	126	3415
W. H. Noyes & Bro. Co., Newburyport, Mass. Combs.	65,846	Oct. 22	130	2368
W. K. & C. Peace, Ltd., Sheffield, England. Certain edge-tools.	63,410	June 18	128	2831
W. L. McCullough Co., Ypsilanti, Mich. Reduction-machines.	59,421	Jan. 8	126	750
W. M. Laird Company, Pittsburg, Pa. Leather boots and shoes.	64,563	Aug. 13	129	2853
W. R. and Auburn Lynn Shoes Co., Auburn, Me. Leather shoes.	59,283	Jan. 1	126	384
W. R. Roach & Co., Hart, Mich. Canned fruits and vegetables.	61,615	Mar. 26	127	1575

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W. R. Roach & Company, Hart, Mich. Canned fruits and vegetables.....	63,946	July 16	129	1262
W. S. Moore & Co., Chicago, Ill. Butter, milk, and cheese.....	60,870	Feb. 26	126	3415
W. S. Moore & Co., Chicago, Ill. Butter, milk, and cheese.....	61,399	Mar. 19	127	1248
W. S. Nott Company, Minneapolis, Minn. Rubber belting, rubber and cotton-rubber lined hose, and rubber packings.....	64,688	Aug. 20	129	3154
W. S. Quinby Company, Boston, Mass. Coffee and tea.....	61,616	Mar. 26	127	1575
W. S. Quinby Company, Boston, Mass. Coffee and tea.....	61,864	Apr. 9	127	2388
W. S. Quinby Company, Boston, Mass. Coffee.....	64,078	July 23	129	1604
W. T. Hanson Co., Schenectady, N. Y. Pills for diseases of the blood and nerves.....	62,229	Apr. 23	127	3211
W. T. Hanson Co., Schenectady, N. Y. Pills for diseases of the blood and nerves.....	62,230	Apr. 23	127	3211
W. T. Hanson Co., Schenectady, N. Y. Pills for diseases of the blood and nerves.....	62,231	Apr. 23	127	3212
W. T. Owbridge Ltd., Hull, England. Lung-tonic.....	66,650	Dec. 17	131	1937
W. T. Shackley & Son Co., Boston, Mass. Leather belting.....	64,907	Aug. 27	129	3497
W. W. Lawrence & Company, Pittsburg, Pa. Combination of white lead and zinc.....	61,475	Mar. 26	127	1571
W. W. Lawrence & Company, Pittsburg, Pa. White lead.....	61,636	Apr. 2	127	1985
Wabash Baking Powder Company, Wabash, Ind. Baking-powder and bicarbonate of soda.....	66,113	Nov. 12	131	685
Wabash Baking Powder Company, Wabash, Ind. Corn-starch.....	66,193	Nov. 12	131	687
Wabash Baking Powder Company, Wabash, Ind. Catsup and flavoring extracts.....	66,194	Nov. 12	131	687
Wachter Manufacturing Company, Hartford, Conn. Watch-bows and watch-pendants.....	66,712	Dec. 24	131	2140
Wacker & Birk Br'g & M't'g Co., Chicago, Ill. Malt tonic.....	63,762	July 9	129	863
Wadhams Oil Company, Milwaukee, Wis. Certain lubricants.....	63,888	July 9	129	867
Wagener & Co., F. W., Charleston, S. C. Lard.....	64,564	Aug. 13	129	2853
Wagner, Constantin, New York, N. Y. Graduated testing-bottles, flasks, and laboratory glass-ware.....	60,206	Jan. 29	126	1771
Wagner, Edward H., New York, N. Y. Hand-stick fireworks.....	59,149	Jan. 1	126	380
Wagner, Edward H., New York, N. Y. Small fireworks for spectacular effects.....	59,682	Jan. 15	126	1057
Wagner, Edward H., New York, N. Y. Matches.....	64,247	July 30	129	2069
Wagner, Edward H., New York, N. Y. Matches.....	64,248	July 30	129	2069
Wagner, Edward H., New York, N. Y. Matches.....	64,249	July 30	129	2069
Wagner, Edward H., New York, N. Y. Matches.....	64,867	Aug. 27	129	3496
Wagner, Edward H., New York, N. Y. Hand-stick fireworks.....	64,868	Aug. 27	129	3496
Wagner, Edward H., New York, N. Y. Stick-fireworks.....	66,535	Dec. 10	131	1682
Wagner, Edward H., New York, N. Y. Stick-fireworks.....	66,536	Dec. 10	131	1682
Wagner, Edward H., New York, N. Y. Stick-fireworks.....	66,537	Dec. 10	131	1682
Wagner & Sons, John, Philadelphia, Pa. Bitters.....	66,463	Nov. 26	131	1158
Wagner, W., Jr., Plettenberg, Germany. Tuning-pins for pianos.....	61,143	Mar. 5	127	388
Wagner, W., Jr., Plettenberg, Germany. Tuning-pins for pianos.....	61,144	Mar. 5	127	388
Wakefield, William H., Charlotte, N. C. Eye-ointment.....	62,918	May 28	128	1684
Waldo, Eugene L., New York, N. Y. Certain textiles.....	67,853	Dec. 31	131	2413
Waldo, Howard L., Troy, N. Y. Nerve-tonic.....	66,314	Nov. 19	131	937
Waldo & McKelvey, New York, N. Y. Cotton, linen, silk, and cotton and silk piece goods.....	60,742	Feb. 19	126	3036
Walker & Co., J. L., Lynn, Mass. Leather boots and shoes.....	65,516	Oct. 8	130	1682
Walker & Company, Wm. H., Buffalo, N. Y. Rubber boots and shoes.....	63,843	July 9	129	865
Walker, Francis S., Fayette, Iowa. Medicine for certain named diseases.....	60,207	Jan. 29	126	1771
Walker, Francis S., Fayette, Iowa. Cough and lung remedy.....	64,480	Aug. 6	129	2497
Walker, Francis S., Fayette, Iowa. Certain medicine.....	64,640	Aug. 13	129	2855
Walker and Harp Manufacturing Co., Cohoes, N. Y. Cotton-batting.....	63,900	July 16	129	1261
Walker, Leigh W., Pittsburg, Pa. Whisky.....	61,086	Mar. 5	127	386
Walker Stove and Range Co., San Francisco, Cal. Stoves and ranges.....	63,947	July 16	129	1262
Walkerville Brewing Co. Limited, Walkerville, Ontario, Canada. Ale and porter.....	64,435	Aug. 6	129	2496
Wall Rice Milling Co., Limited, Lake Charles, La. Rice.....	63,465	June 18	128	2832
Wall-Rogalsky Milling Co., McPherson, Kans. Wheat-flour.....	66,031	Nov. 5	131	355
Wallace & Co., New York, N. Y. Candy.....	61,660	Apr. 2	127	1986
Wallace & Co., New York, N. Y. Jujubes.....	64,405	Aug. 6	129	2495
Wallace & Co., New York, N. Y. Chocolates and candy.....	65,382	Sept. 24	130	1304
Wallace & Co., New York, N. Y. Chocolates and candy.....	65,578	Oct. 8	130	1684
Wallace & Co., New York, N. Y. Chocolates and candy.....	65,579	Oct. 8	130	1684
Wallace, W. W., Harriman, Tenn. Strawberry-plants.....	64,180	July 30	129	2067
Walsh & Co., James, Cincinnati, Ohio. Whisky.....	61,087	Mar. 5	127	386
Walsh, Thomas M., Kansas City, Mo. Tonics.....	59,237	Jan. 1	126	383
Walter A. Johnson & Co., New York, N. Y. Magazines.....	65,777	Oct. 22	130	2366
Walter L. Smith Drug Co., Chanute, Kans. Medicinal compound for topical application.....	65,746	Oct. 22	130	2366
Walter Medicine Company, Peru, Ind. Certain medicines.....	61,762	Apr. 2	127	1988
Walter R. Johnston Manuf'g Co., New York, N. Y. Hand-operated fire-extinguishing engines or devices.....	61,332	Mar. 12	127	844
Waltermann, Henry B., Cincinnati, Ohio. Certain medicinal preparation.....	60,819	Feb. 19	126	3038
Waltham Watch Company, Waltham, Mass. Watchcases.....	65,692	Oct. 15	130	2063
Walther Manufacturing Co., New York, N. Y. Certain medical preparations.....	61,793	Apr. 2	127	1989
Wanamaker, John, Philadelphia, Pa. Broad silks, dress-silks, and piece silks.....	61,493	Mar. 26	127	1571
Wanamaker, John, Philadelphia, Pa. Corsets.....	63,917	July 16	129	1261
Wanamaker, John, Philadelphia, Pa. Kid gloves.....	64,118	July 23	129	1605
Wanamaker, John, Philadelphia, Pa. Textile collars and cuffs.....	64,204	July 30	129	2068
Wanamaker, John, Philadelphia, Pa. Kid gloves.....	64,205	July 30	129	2068
Wanamaker, John, Philadelphia, Pa. Knitted underwear.....	64,870	Aug. 27	129	3496
Wandka, Anna M. E., New York, N. Y. Certain pharmaceutical preparations.....	61,461	Mar. 19	127	1250
Waples-Platter Grocer Company, Denison, Fort Worth, and Dallas, Tex. Canned fruits and vegetables.....	64,293	July 30	129	2070
Waples-Platter Grocer Company, Denison, Fort Worth, and Dallas, Tex. Canned fruits and vegetables, sauer-kraut, dried fruits, and spices.....	64,406	Aug. 6	129	2495
Waples-Platter Grocer Company, Denison, Fort Worth, and Dallas, Tex. Syrup and molasses.....	64,407	Aug. 6	129	2495
Waples-Platter Grocer Company, Denison, Fort Worth, and Dallas, Tex. Syrup and molasses.....	64,408	Aug. 6	129	2495
Waples-Platter Grocer Company, Denison, Fort Worth, and Dallas, Tex. Canned fish and oysters.....	64,536	Aug. 13	129	2852
Waples-Platter Grocer Company, Denison, Fort Worth, and Dallas, Tex. Canned fish and oysters.....	64,537	Aug. 13	129	2852
Waples-Platter Grocer Company, Denison, Fort Worth, and Dallas, Tex. Macaroni, spaghetti, and wheat-flour.....	65,847	Oct. 22	130	2368
Ward, Elmo D., Paragould, Ark. Soap.....	61,637	Apr. 2	127	1985
Ward, George S., Pittsburg, Pa. Bread.....	66,693	Dec. 24	131	2139
Ward, Joseph P., Fort Worth, Tex. Pomade.....	65,643	Oct. 15	130	2061
Ward, Joseph P., Fort Worth, Tex. Hair tonic and invigorator.....	66,315	Nov. 19	131	937
Ward Medicine Company, J. L., Big Spring, Tex. Pills and headache-tablets.....	62,213	Apr. 23	127	3211
Ward Medicine Company, J. L., Big Spring, Tex. Pills and headache-tablets.....	62,301	Apr. 30	127	3636
Wardle, T. Granville, et al., executors. (See Delavan, M. Louise.).....				
Wardlow, S. & C., New York, N. Y. Steel.....	61,316	Mar. 12	127	843
Ware Bros. Company, Philadelphia, Pa. Periodical.....	61,457	Mar. 19	127	1250
Ware Bros. Company, Philadelphia, Pa. Periodical.....	61,458	Mar. 19	127	1250
Ware Shoals Mfg. Co., Ware Shoals, S. C. Cotton piece goods.....	63,182	June 11	128	2522

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Warfield, Pratt Howell Company, Sioux City, Des Moines, and Cedar Rapids, Iowa. Prepared smoking and chewing tobacco.....	65,517	Oct. 8	130	1682
Warfield Pratt Howell Company, Des Moines, Sioux City, and Cedar Rapids, Iowa. Canned fruits and vegetables.....	65,917	Oct. 29	130	2714
Warner & Co., William R., Philadelphia, Pa. Certain medicines.....	62,214	Apr. 23	127	3211
Warner Instrument Company, Beloit, Wis. Speed-meters and tachometers.....	60,802	Feb. 19	126	3037
Warner Instrument Company, Beloit, Wis. Speed-meters and tachometers.....	60,820	Feb. 19	126	3038
Warner's Safe Cure Company, Rochester, N. Y. Tonic remedy.....	64,119	July 23	129	1605
Warner's Safe Cure Company, Rochester, N. Y. Tonic remedy.....	64,120	July 23	129	1605
Warren Brothers Company, Boston, Mass. Bituminous pavements and sidewalks.....	64,449	Aug. 6	129	2496
Warren Chemical & Manufacturing Company, New York, N. Y. Ready tar and felt roofing.....	59,045	Jan. 1	126	378
Warren Chemical & Manufacturing Company, New York, N. Y. Felt roofing.....	64,871	Aug. 27	129	3496
Warren & Co., William R., Philadelphia, Pa. Certain medicinal preparations.....	59,771	Jan. 15	126	1059
Warren-Ehret Company, Philadelphia, Pa. Tarred felt for roofing, sheathing, and waterproofing buildings.....	65,778	Oct. 22	130	2366
Warren-Ehret Company, Philadelphia, Pa. Coal-tar cement.....	66,146	Nov. 12	131	686
Warren-Ehret Company, Philadelphia, Pa. Coal-tar cement.....	66,195	Nov. 12	131	687
Warren Featherbone Co., Three Oaks, Mich. Stiffening cords, blades, tapes, and fabrics.....	60,338	Feb. 5	126	2183
Warren Featherbone Co., Three Oaks, Mich. Stiffening blades, cords, tapes, and fabrics.....	62,736	May 21	128	1288
Warren Featherbone Co., Three Oaks, Mich. Stiffening blades, cords, tapes, and fabrics.....	65,930	Oct. 29	130	2715
Warren Featherbone Co., Three Oaks, Mich. Whip stock or materials, whips, and whip-lashes.....	66,241	Nov. 19	131	935
Warrick Brothers, Limited, London, England. Corn-plasters.....	64,841	Aug. 27	129	3495
Washburn-Crosby Company, Minneapolis, Minn. Wheat-flour.....	61,763	Apr. 2	127	1988
Washburn Crosby Company, Minneapolis, Minn. Wheat-flour.....	66,663	Nov. 5	131	356
Washburn Crosby Company, Minneapolis, Minn. Wheat-flour.....	66,614	Dec. 17	131	1936
Washington Herald Company, Washington, D. C. Newspaper.....	60,949	Feb. 26	126	3417
Washington Iron Works Co., Seattle, Wash. Logging and hoisting engines.....	63,510	June 25	128	3282
Washington Post Company, Washington, D. C. Newspapers.....	66,538	Dec. 10	131	1682
Washington Times Co., Washington, D. C. Newspaper.....	66,539	Dec. 10	131	1682
Watchman & Reynolds, Baltimore, Md. Antiseptic powder compound.....	61,744	Apr. 2	127	1988
Water Oil Co., New York, N. Y. Illuminating-oil.....	65,205	Sept. 10	130	652
Waterproof and Enamel Company, Jersey City, N. J., and New York, N. Y. Waterproof liquid cement.....	60,320	Feb. 5	126	2183
Watkins Packing Co., Odessa, Del. Canned corn.....	66,205	Nov. 12	131	688
Watkins Packing Co., Odessa, Del. Canned corn and tomatoes.....	66,540	Dec. 10	131	1682
Watson & Co., Angus, Newcastle-upon-Tyne, England. Sardines.....	63,451	June 18	128	2832
Watson Mill Company, Wichita, Kans. Wheat-flour.....	62,566	May 14	128	880
Watson, William J., Oakland, Cal. Preservative and waterproof paint.....	66,566	Dec. 10	131	1683
Watt, Andrew P., Baltimore, Md. Certain cork-pullers.....	62,163	Apr. 23	127	3210
Watts & Co., Julius R., Atlanta, Ga. Souvenir silver spoons.....	63,689	July 2	129	475
Watts & Company, William H., Philadelphia, Pa. Floor-tiles.....	62,098	Apr. 16	127	2812
Waukesha Canning Co., Waukesha, Wis. Canned vegetables.....	60,707	Feb. 19	126	3035
Wayne County Canning Co., Ltd., Marion, N. Y. Canned fruits and vegetables.....	66,316	Nov. 19	131	937
Wayne County Canning Company, Limited, Marion, N. Y. Canned fruits and vegetables.....	65,541	Oct. 8	130	1683
Wayne County Preserving Company, New York, N. Y. Canned fruits and vegetables.....	63,300	June 11	128	2525
Weatherproof Manufacturing Company, St. Louis, Mo. Certain roofing and building materials.....	65,542	Oct. 8	130	1683
Weaver's Pharmacy, Phillipsburg, N. J. Medical tonic preparation of beef, wine, and iron.....	62,440	May 7	128	450
Webb Manufacturing Company, Nashville, Tenn. Washing-blue.....	63,763	July 9	129	863
Webster & Prager Co., New York, N. Y. Wall-paper.....	65,192	Sept. 10	130	651
Webster, Towner K., Jr., New York, N. Y. Suspenders, belts, garters, hose-supporters, and sleeve-bands.....	66,344	Nov. 19	131	938
Webster, Towner K., Jr., New York, N. Y. Suspenders, belts, garters, hose-supporters, and sleeve-bands.....	66,345	Nov. 19	131	938
Webster, Towner K., Jr., New York, N. Y. Suspenders, belts, garters, hose-supporters, and sleeve-bands.....	66,346	Nov. 19	131	938
Wedehase, Frank, Sebastopol, Cal. Bread.....	66,347	Nov. 19	131	938
Wedeguth, Louis C., assignor to Bell Company, New York, N. Y. Dyspepsia medicine.....	64,294	July 30	129	2070
Weeks, Edward C., New York, N. Y. Corset-stiffeners and corset-stays.....	66,651	Dec. 17	131	1937
Weeks & Parr, New York, N. Y. Rye-flour.....	66,446	Nov. 26	131	1157
Weeks & Parr, New York, N. Y. Rye-flour.....	63,063	June 4	128	2080
Weideman Company, Cleveland, Ohio. Apricot-brandy.....	60,782	Feb. 19	126	3037
Weil, Alexander J., Cincinnati, Ohio. Whisky.....	61,122	Mar. 5	127	387
Weil, Alexander J., Cincinnati, Ohio. Whisky.....	61,123	Mar. 5	127	387
Weil Brothers, New York, N. Y. Veilings made of woven fabric.....	61,913	Apr. 9	127	2390
Weil Brothers, New York, N. Y. Veilings made of woven fabric.....	61,914	Apr. 9	127	2390
Weil Brothers, New York, N. Y. Mesh veilings and net fabrics.....	63,918	July 16	129	1261
Weil, Gustav, New York, N. Y. Tonic.....	60,208	Jan. 29	126	1771
Weil & Sons, H., Paducah, Ky. Whisky.....	65,078	Sept. 3	130	296
Weinberg & Co., E. M., New York, N. Y. Certain jewelry.....	62,773	May 21	128	1288
Weingarten Bros. Inc., New York, N. Y. Corset-stiffeners.....	61,887	Apr. 9	127	2389
Weingarten Bros., Incorporated, New York, N. Y. Corsets.....	63,135	June 4	128	2082
Weir & Company, Ross W., New York, N. Y. Coffee.....	59,863	Jan. 22	126	1348
Weir & Company, Ross W., New York, N. Y. Tea.....	59,864	Jan. 22	126	1348
Weir & Company, Ross W., New York, N. Y. Tea.....	59,865	Jan. 22	126	1348
Weir & Company, Ross W., New York, N. Y. Coffee.....	59,934	Jan. 22	126	1350
Weir & Company, Ross W., New York, N. Y. Coffee.....	60,093	Jan. 29	126	1768
Weir & Company, Ross W., New York, N. Y. Tea.....	60,119	Jan. 29	126	1768
Weir & Company, Ross W., New York, N. Y. Tea.....	60,299	Feb. 5	126	2182
Weisent, Geo. J., East Liverpool, Ohio. Medicine for the lungs.....	61,244	Mar. 12	127	841
Weiss Eichold Liquor Co., Mobile, Ala. Whisky.....	63,821	July 9	129	865
Weiss Eichold Liquor Co., Mobile, Ala. Whisky.....	63,822	July 9	129	865
Weiss, Jefferson P., Emporia, Va. Monthly newspaper.....	61,865	Apr. 9	127	2388
Weiss Manufacturing Company, New York, N. Y. Leather fobs of all kinds.....	61,463	Mar. 19	127	1250
Weiss Mfg. Co., New York, N. Y. Leather fobs, match-cases, and pocket-books.....	61,578	Mar. 26	127	1574
Weissmann, Frederick W., Cincinnati, Ohio. Powder for use in making castings.....	60,094	Jan. 29	126	1768
Weitzenhoffer & Turk, Oklahoma, Okla. Ter. Whisky.....	65,931	Oct. 29	130	2715
Welch Bros. Maple Co., Burlington, Vt. Syrup.....	62,275	Apr. 30	127	3636
Welch & Co., C. S., New York, N. Y. Certain pharmaceutical preparations.....	65,967	Nov. 5	131	353
Welch, James H., Rochester, N. Y. Game played with cards.....	63,749	July 9	129	863
Wellcome, Henry S., London, England. Preparations of ergot.....	60,447	Feb. 5	126	2186
Wellcome, Henry S., London, England. Medicinal digestive preparations.....	61,966	Apr. 9	127	2391
Wellcome, Henry S., London, England. Medicated wines.....	64,465	Aug. 6	129	2496
Wellcome, Henry S., London, England. Aromatic liquid preparation of cascara sagrada.....	66,632	Dec. 17	131	1936
Wells, Ephraim S., Jersey City, N. J. Rat, vermin, and insect destroyers and exterminators.....	59,991	Jan. 22	126	1351
Wells, Ephraim S., Jersey City, N. J. Certain medicines.....	62,289	Apr. 30	127	3636

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Wells, Ephraim S., Jersey City, N. J. Poison for rats, mice, vermin, and insects.....	65,367	Sept. 24	130	1303
Wells Flour Milling Company, Wells, Minn. Bran.....	60,300	Feb. 5	126	2182
Wells Flour Milling Company, Wells, Minn. Wheat-flour.....	61,915	Apr. 9	127	2390
Wells Flour Milling Company, Wells, Minn. Wheat-flour.....	61,916	Apr. 9	127	2390
Wells Flour Milling Company, Wells, Minn. Middlings and red-dog.....	65,918	Oct. 29	130	2714
Wells-Jones Plow Co., Jackson, Tenn. Soil-scrappers.....	61,519	Mar. 26	127	1572
Wells & Richardson Company, Burlington, Vt. Prepared foods, primarily for infants and invalids.....	59,091	Jan. 1	126	379
Wells & Richardson Company, Burlington, Vt. Remedies for certain named diseases.....	59,174	Jan. 1	126	381
Wells & Richardson Company, Burlington, Vt. Tonic, alterative, laxative, and diuretic medicines.....	59,175	Jan. 1	126	381
Wells & Richardson Company, Burlington, Vt. Tonic, alterative, laxative, and diuretic medicines.....	59,806	Jan. 15	126	1060
Wells & Richardson Company, Burlington, Vt. Dyes.....	65,038	Sept. 3	130	295
Welsbach Co., Gloucester, N. J. Incandescent mantles and burners.....	60,095	Jan. 29	126	1768
Welsbach Co., Philadelphia, Pa. Illuminating-glassware, comprising globes, shades, and chimneys.....	62,338	Apr. 30	127	3637
Welsh & Co., J. H., Philadelphia, Pa. Felt hats, stiff hats, and straw hats.....	62,415	May 7	128	450
Welsh & Co., J. H., Philadelphia, Pa. Certain hats and caps.....	62,416	May 7	128	450
Welsh and Jones, Philadelphia, Pa. Gold paint.....	66,779	Dec. 24	131	2141
Wendt Brothers, New York, N. Y. Silk linings.....	62,787	May 28	128	1681
Werle & Co., Rheims, France. Champagne.....	66,147	Nov. 12	131	686
Werle & Co., Rheims, France. Champagne.....	66,148	Nov. 12	131	686
Werle & Co., Rheims, France. Champagne.....	66,149	Nov. 12	131	686
Werle & Co., Rheims, France. Champagne.....	66,150	Nov. 12	131	686
Werle & Co., Rheims, France. Champagne.....	66,151	Nov. 12	131	686
Werle & Co., Rheims, France. Champagne.....	66,152	Nov. 12	131	686
Werner's Son, Geo. F., New York, N. Y. Calf-leather with the exception of patent calf-leather.....	60,967	Feb. 26	126	3418
Wertheimer Bros., Baltimore, Md. Cigars.....	59,079	Jan. 1	126	378
Wertheimer Bros., Baltimore, Md. Cigars.....	62,254	Apr. 30	127	3635
Wertheimer, Edward, Cincinnati, Ohio. Gin.....	59,498	Jan. 8	126	752
Weschke, Ernest J., Springfield, Minn. Plaster and proprietary medicine.....	65,408	Sept. 24	130	1304
Wessel Bros. Candy Co., St. Paul, Minn. Cough-drops.....	66,652	Dec. 17	131	1937
Wesson, J. E. & W. G., Worcester, Mass. Shoes, boots, and slippers made of leather.....	60,418	Feb. 5	126	2185
West Haven Mfg. Co., West Haven, Conn. Hacksaw-blades.....	63,402	June 18	128	2831
West Haven Mfg. Co., West Haven, Conn. Hacksaw-blades.....	63,544	June 25	128	3283
West Haven Mfg. Co., West Haven, Conn. Hacksaw-frames.....	64,250	July 30	129	2069
West Haven Mfg. Co., West Haven, Conn. Hacksaw-blades.....	65,711	Oct. 15	130	2063
West Overton Distilling Co., Pittsburg, Pa. Whisky.....	61,917	Apr. 9	127	2390
Wester Bros., New York, N. Y. Certain cutlery.....	66,854	Dec. 31	131	2413
Western Grain Products Company, Milwaukee, Wis. Stock food.....	62,668	May 21	128	1286
Western Reserve Woolen Co., Cleveland, Ohio. Woolen piece goods.....	62,788	May 28	128	1681
Western Shade Cloth Company, Chicago, Ill. Window-shade cloth.....	64,602	Aug. 13	129	2854
Western Shoe Company, Janesville, Wis. Leather shoes.....	60,950	Feb. 26	126	3417
Western Star Mill Co., Salina, Kans. Wheat, rye, and buckwheat flour.....	64,809	Aug. 20	129	3157
Western Star Mill Company, Salina, Kans. Wheat-flour.....	65,543	Oct. 8	130	1683
Westheimer & Sons, Ferdinand, St. Joseph, Mo., and Cincinnati, Ohio. Whisky.....	65,693	Oct. 15	130	2063
Westlake, Albert, New York, N. Y. Dentifrice.....	64,326	July 30	129	2071
Weston, John A., Newark, N. J. Wooden ladders, step-ladders, and flagpoles.....	66,153	Nov. 12	131	686
Wetherill Finished Castings Co., Philadelphia, Pa. Metal castings.....	65,220	Sept. 10	130	652
Wetmore-Bowen Co., Oakland, Cal. Wine.....	64,842	Aug. 27	129	3495
Wetmore, Robert H., New Orleans, La. Remedy for purifying the blood.....	64,689	Aug. 20	129	3154
Weyermann, Johann B., Firm of, Potsdam, Germany. Certain malt preparations.....	66,433	Nov. 26	131	1157
Whaley Mill & Elevator Co., Gainesville, Tex. Wheat-flour.....	62,669	May 21	128	1286
Whaley Mill & Elevator Co., Gainesville, Tex. Wheat-flour.....	62,737	May 21	128	1288
Whaley Mill & Elevator Co., Gainesville, Tex. Wheat-flour.....	66,317	Nov. 19	131	937
Wheeler, Harriet P., New York, N. Y. Ladies' drawers manufactured from textile material.....	66,888	Dec. 31	131	2414
Wheeler, Harriet P., New York, N. Y. Ladies' knitted, netted, and lace drawers.....	66,891	Dec. 31	131	2414
Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Sewing-machines, parts, and attachments.....	60,580	Feb. 12	126	2584
Wheeler & Wilson Manufacturing Company, Bridgeport, Conn. Sewing-machines, parts, and attachments.....	60,581	Feb. 12	126	2584
Wheeler & Wilson Manufacturing Company, Bridgeport, Conn., assignor to Singer Manufacturing Company. Sewing-machines and their parts and attachments.....	64,622	Aug. 13	129	2854
Wheeler & Wilson Manufacturing Company, Bridgeport, Conn., assignor to Singer Manufacturing Company. Sewing-machines and attachments.....	64,623	Aug. 13	129	2854
Whelan, Mary C., Washington, D. C. Certain toilet preparations.....	66,211	Nov. 12	131	688
Whitcher, Frank W., Boston, Mass. Ice-creepers.....	59,977	Jan. 22	126	1351
Whitcher, Frank W., Boston, Mass. Shoe-pincers and shoe-jacks.....	61,918	Apr. 9	127	2390
Whitcher, Frank W., Boston, Mass. Certain rubber goods.....	64,079	July 23	129	1604
Whitcher, Frank W., Boston, Mass. Shoe and corset laces.....	65,133	Sept. 10	130	650
Whitcher, Frank W., Boston, Mass. Rubber cement.....	65,657	Oct. 15	130	2062
White & Bagley Co., Worcester, Mass. Cleaning compounds.....	59,150	Jan. 1	126	380
White & Bagley Co., Worcester, Mass. Cleaning compounds.....	59,935	Jan. 22	126	1350
White & Bagley Co., Worcester, Mass. Cleaning and polishing compounds for metals.....	59,968	Jan. 22	126	1351
White Enamel Refrigerator Company, St. Paul, Minn. Refrigerators.....	63,028	June 4	128	2079
White, Frank A., Easton, Md. Potable water.....	63,844	July 9	129	865
White, Hentz & Co., Philadelphia, Pa. Whisky.....	63,132	June 4	128	2082
White, John T., Salt Lake City, Utah. Smallpox-preventive.....	60,209	Jan. 29	126	1771
White Lily Manufacturing Company, Davenport, Iowa. Washing-machines.....	65,730	Oct. 22	130	2365
White Sewing Machine Co., Cleveland, Ohio. Sewing-machines, attachments, stands, tables, and covers.....	60,339	Feb. 5	126	2183
White Sewing Machine Co., Cleveland, Ohio. Sewing-machines, sewing-machine attachments, stands, tables, and covers.....	60,989	Feb. 26	126	3418
White Sewing Machine Co., Cleveland, Ohio. Sewing-machines, covers, tables, stands, and attachments.....	61,720	Apr. 2	127	1987
White Sewing Machine Co., Cleveland, Ohio. Sewing-machine needles.....	62,302	Apr. 30	127	3636
White Sewing Machine Co., Cleveland, Ohio. Sewing-machines and parts.....	66,280	Nov. 19	131	937
White, William L., Brooklyn, N. Y. Certain medicine and corn-plaster.....	66,482	Dec. 3	131	1417
Whitely Exerciser Company, New York, N. Y. Elastic-cord exercising devices.....	60,582	Feb. 12	126	2584
Whiteman & Co., H. A., Wilkes-Barre, Pa. Rubber roofing.....	62,255	Apr. 30	127	3635
Whiting Paper Company, Holyoke, Mass. Fine writing-paper.....	59,176	Jan. 1	126	381
Whitman & Barnes Manufacturing Company, Summit, Ohio. Certain parts of mowers and reapers.....	60,053	Jan. 22	126	1353
Whitman & Barnes Manufacturing Company, Akron, Ohio. Certain parts of metal and wood working machines.....	60,583	Feb. 12	126	2584
Whitman & Barnes Manufacturing Company, Akron, Ohio. Certain metal and wood working machine parts.....	60,990	Feb. 26	126	3418
Whitman & Barnes Manufacturing Company, Akron, Ohio. Reamers and twist-drills.....	61,888	Apr. 9	127	2389
Whitman & Barnes Manufacturing Company, Akron, Ohio. Twist-drills and reamers.....	61,919	Apr. 9	127	2390
Whitman & Co., Clarence, New York, N. Y. Mercerized cotton piece fabrics.....	66,348	Nov. 19	131	938

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Whitman Grocery Company, Orange, Mass. Prepared tapioca	61,229	Mar. 12	127	841
Whitman Grocery Company, Orange, Mass. Prepared gelatin	63,740	July 2	129	476
Whitman & Son, Stephen F., Philadelphia, Pa. Chocolate and chocolate candies	62,339	Apr. 30	127	3637
Whittaker & Son, Stephen F., Philadelphia, Pa. Chocolate	64,004	July 16	129	1264
Whittaker, George E., Somerville, Mass. Cough medicine or medicinal cordial	65,968	Nov. 5	131	353
Whittall, M. J., Worcester, Mass. Carpets and rugs	59,284	Jan. 1	126	384
Whittemore Brothers and Company, Cambridge, Mass. Leather-polish	64,538	Aug. 13	129	2852
Whittemore Brothers and Company, Cambridge, Mass. Leather-dressings	64,690	Aug. 20	129	3154
Whorton Sons Drug Co., Gadsden, Ala. Internal remedy for the treatment of typhoid fever	61,412	Mar. 19	127	1249
Wiard Plow Company, Batavia, N. Y. Plows	63,301	June 11	128	2525
Wichert & Gardiner, New York, N. Y. Leather boots and leather shoes	64,578	Aug. 13	129	2853
Wichita Vinegar Works, Wichita, Kans. Catsup, mince-meat, apple-butter, pickles, and vinegar	66,694	Dec. 24	131	2139
Wichman, Lutgen & Co., Inc., San Francisco, Cal. Gin	59,880	Jan. 22	126	1348
Wichman, Lutgen & Co., San Francisco, Cal. Whisky	62,030	Apr. 16	127	2810
Wichman, Lutgen & Co., Alameda, Cal. Whisky	64,409	Aug. 6	129	2495
Wicke, Otto, Brooklyn, N. Y. Certain remedy	66,541	Dec. 10	131	1682
Wickersham Quoin Company, Boston, Mass. Printers' quoins	65,952	Oct. 29	130	2715
Wickersham Quoin Company, Boston, Mass. Printers' quoins	65,953	Oct. 29	130	2715
Wiebusch & Hilger Limited, New York, N. Y. Certain cutting-tools	61,967	Apr. 9	127	2391
Wiebusch & Hilger, Limited, New York, N. Y. Grass-hooks	62,082	Apr. 16	127	2812
Wiebusch & Hilger Ltd., New York, N. Y. Pliers without a cutting edge	62,441	May 7	128	450
Wierhake, William, St. Louis, Mo. Stove-polish	61,088	Mar. 5	127	386
Wiggins Teape & Co. Limited, London, England. Writing, printing, and ledger paper	60,931	Feb. 26	126	3417
Wiglesworth Bros. Co., Pointdexter, Ky. Whisky	66,809	Dec. 31	131	2411
Wilcox & Company, J. Fred, Chicago, Ill. Cigars	63,354	June 18	128	2829
Wilcox & White Company, Meriden, Conn. Automatic music-playing instruments and music-rolls therefor	61,124	Mar. 5	127	387
Wilcox & White Company, Meriden, Conn. Combined pianos and players	65,383	Sept. 24	130	1304
Wild Pigeon Mineral Springs Company, Portland, Oreg. Mineral water	62,303	Apr. 30	127	3636
Wile, Sons & Co., Julius, New York, N. Y. Sherry	59,683	Jan. 15	126	1057
Wile, Sons & Co., Julius, New York, N. Y. Sherry	60,951	Feb. 26	126	3417
Wiley, Javerna, West Hamlin, W. Va. Eye-water	63,989	July 16	129	1263
Wiley & Russell Mfg. Co., Greenfield, Mass. Reamers, drills, and countersinks	63,183	June 11	128	2522
Wilhelm Anhalt Gesellschaft mit beschränkter Haftung, Colberg, Germany. Hair-washes	63,948	July 16	129	1262
Wilhelm, Sallie S., Statesville, N. C. Pills for the treatment of chills	64,466	Aug. 6	129	2496
Wilkinson, Gaddis & Co., Newark, N. J. Wheat and rye flour	65,848	Oct. 22	130	2368
Wilkinson, Lancelot, London, England. Preparation for promoting combustion	66,567	Dec. 10	131	1683
Wilkinson Sword Company, Limited, London and Sheffield, England. Cutlery in general	63,411	June 18	128	2831
Will & Baumer Company, Syracuse, N. Y. Candles	60,498	Feb. 12	126	2582
Will & Baumer Company, Syracuse, N. Y. Candles	60,499	Feb. 12	126	2582
Will & Baumer Company, Syracuse, N. Y. Candles	60,500	Feb. 12	126	2582
Will & Baumer Company, Syracuse, N. Y. Candles	62,256	Apr. 30	127	3635
Will & Baumer Company, Syracuse, N. Y. Candles	62,257	Apr. 30	127	3635
Will & Baumer Company, Syracuse, N. Y. Candles	62,417	May 7	128	450
Will & Baumer Company, Syracuse, N. Y. Candles	62,418	May 7	128	450
Will & Baumer Company, Syracuse, N. Y. Candles	62,419	May 7	128	450
Will & Baumer Company, Syracuse, N. Y. Candles	62,420	May 7	128	450
Will & Baumer Company, Syracuse, N. Y. Candles	62,421	May 7	128	450
Will & Baumer Company, Syracuse, N. Y. Candles	62,422	May 7	128	450
Will & Baumer Company, Syracuse, N. Y. Candles	62,423	May 7	128	450
Will & Baumer Company, Syracuse, N. Y. Candles	64,993	Sept. 3	130	294
William Carter Co., Highlandville, Mass. Certain underclothing	65,969	Nov. 5	131	353
William Edge & Sons, Limited, Bolton, England. Dyes	61,691	Apr. 2	127	1986
William Edge & Sons, Limited, Bolton, England. Tinting-color for bleachers' use	61,721	Apr. 2	127	1987
William H. Burns Company, Worcester, Mass. Certain clothing	60,743	Feb. 19	126	3036
William H. Lee & Co., St. Louis, Mo. Whisky	60,744	Feb. 19	126	3036
William H. Lee & Co., St. Louis, Mo. Whisky	61,794	Apr. 2	127	1989
William Hollins and Company, Limited, Mansfield, Radford, Nottingham, Bridgeton, and London, England, and Glasgow, Scotland. Woolen piece goods and haircloth	63,690	July 2	129	475
William Hunt & Sons, The Brades, Limited, Brades Steel Works, near Birmingham, England. Trowels	61,344	Mar. 19	127	1247
William Hunt & Sons, The Brades, Limited, Brades Steel Works, near Birmingham, England. Certain hand-tools	62,586	May 14	128	881
William L. Barrell Co., New York, N. Y. Waterproofed cotton piece goods	61,764	Apr. 2	127	1988
William L. Barrell Co., New York, N. Y. Waterproofed cotton piece goods	61,765	Apr. 2	127	1988
William M. Crane Co., New York, N. Y. Gas stoves and ranges and fittings and parts therefor	63,250	June 11	128	2524
William Powell Co., Cincinnati, Ohio. Valves	60,146	Jan. 29	126	1769
William Prÿm G. M. B. H., Stolberg, Germany. Certain named toilet articles	61,317	Mar. 12	127	843
William S. Hills Co., Boston, Mass. Wheat-flour	59,458	Jan. 8	126	751
William Underwood Company, Boston, Mass. Deviled ham	62,191	Apr. 23	127	3210
Williams, Elmer E., New York, N. Y. Remedies for diseases of the stomach, liver, bowels, and blood	61,036	Feb. 26	126	3419
Williams, Franklin, New York, N. Y. Pipe couplings and unions	64,953	Aug. 27	129	3498
Williams Hoyt & Co., Rochester, N. Y. Leather boots and shoes	60,915	Feb. 26	126	3416
Williams-Kneeland Company, South Braintree, Mass. Leather shoes	63,480	June 25	128	3281
Williams Typewriter Company, Derby, Conn. Type-writing machines	65,221	Sept. 10	130	652
Williams, Victoria, Dublin, Tex. Specific for throat, bronchial, and lung troubles	63,764	July 9	129	863
Williams, White & Company, Moline, Ill. Bending, shaping, and forging machines	59,684	Jan. 15	126	1057
Williams, White & Company, Moline, Ill. Bending, shaping, and forging machines	59,945	Jan. 22	126	1350
Williams, William E., Philadelphia, Pa. Certain medicine	62,606	May 14	128	882
Williamsville Manufacturing Company, Killingly, Conn. Cotton piece goods	63,765	July 9	129	863
Williamsville Manufacturing Company, Killingly, Conn. Cotton piece goods	63,766	July 9	129	863
Willis & Co., Grinnell, New York, N. Y. Cotton piece goods	59,300	Jan. 1	126	384
Willis & Co., Grinnell, New York, N. Y. Cotton piece goods	59,341	Jan. 8	126	748
Willis & Co., Grinnell, New York, N. Y. Cotton piece goods	59,652	Jan. 15	126	1056
Willock, Samuel M., Pittsburg, Pa. Gasoline, illuminating-oils, and greases	62,424	May 7	128	450
Willock, Samuel M., Pittsburg, Pa. Illuminating-oils	62,425	May 7	128	450
Willock, Samuel M., Pittsburg, Pa. Illuminating-oils	62,426	May 7	128	450
Wills & Son, A. W., Birmingham, England. Certain hand-tools	64,181	July 30	129	2067
Wills & Son, A. W., Birmingham, England. Axes, adzes, and bill-hooks	64,624	Aug. 13	129	2854
Wills & Son, A. W., Birmingham, England. Axes, adzes, and bill-hooks	64,625	Aug. 13	129	2854
Wills & Son, A. W., Birmingham, England. Certain hand-tools	64,626	Aug. 13	129	2854
Willson Bros., Edgerton, Wis. Flavoring preparation	65,134	Sept. 10	130	650
Willson, Thomas A., Reading, Pa. Spectacles and eyeglasses	63,133	June 4	128	2082
Willy, John, Chicago, Ill. Magazines	63,403	June 18	128	2831
Wilmsen, Bernhard, Philadelphia, Pa. Paper novelties	64,410	Aug. 6	129	2495

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Wilpaco Packing Company, New York, N. Y. Plaited fibrous packing.....	66,242	Nov. 19	131	936
Wilson, Clay, New York, N. Y. Metallic clamps or clasps for wearing-apparel.....	62,547	May 14	128	880
Wilson Company, Chicago, Ill. Weekly periodical.....	62,099	Apr. 16	127	2812
Wilson Electric Mfg. Co., Newark and Belleville, N. J. Dry-cell batteries.....	64,182	July 30	129	2067
Wilson Fruit Juice Co., Lawton, Mich. Unfermented grape-juice.....	61,968	Apr. 9	127	2391
Wilson Fruit Juice Co., Lawton, Mich. Unfermented grape-juice.....	65,159	Sept. 10	130	650
Wilson, George C., Tyrone, Pa. Medicated toilet soap.....	61,866	Apr. 9	127	2389
Wilson, Hollie B., Vicksburg, Miss. Remedy for rheumatism.....	60,619	Feb. 12	126	2585
Wilson, John M., New York, N. Y. Washing-powders.....	59,732	Jan. 15	126	1058
Wilt, Chas. T., Chicago, Ill. Certain leather.....	63,136	June 4	128	2082
Winand, John P., Baltimore, Md. Whisky.....	63,845	July 9	129	865
Winchester Repeating Arms Co., New Haven, Conn. Gun-grease.....	59,080	Jan. 1	126	378
Winchester Repeating Arms Co., New Haven, Conn. Certain equipments and gun implements.....	60,620	Feb. 12	126	2585
Winchester Repeating Arms Co., New Haven, Conn. Certain firearms, equipments, and projectiles.....	61,089	Mar. 5	127	386
Winchester Repeating Arms Co., New Haven, Conn. Loaded paper shot-shells.....	66,493	Dec. 3	131	1417
Wing, George H. G., New York, N. Y. Smoking-tobacco, cigars, and cigarettes.....	60,761	Feb. 19	126	3036
Wing, George H. G., New York, N. Y. Cigars and cigarettes.....	62,258	Apr. 30	127	3635
Winsor & Newton Ltd., London, England. Artists' colors, pigments, liquids, and varnishes.....	63,629	July 2	129	473
Winter, Basilus, Rock Island, Ill. Bitters.....	61,795	Apr. 2	127	1989
Winter, Howard, Waterford, Wash. Canned salmon.....	64,627	Aug. 13	129	2854
Winterbottom Book Cloth Company, Ltd., Manchester, England. Tracing-cloth.....	63,767	July 9	129	863
Winterbottom Book Cloth Company, Ltd., Manchester, England. Tracing-cloth.....	63,768	July 9	129	863
Winterbottom Book Cloth Company, Ltd., Manchester, England. Tracing-cloth.....	63,789	July 9	129	864
Winterbottom Book Cloth Company, Ltd., Manchester, England. Tracing-cloth.....	63,790	July 9	129	864
Winterbottom Book Cloth Company, Ltd., Manchester, England. Bookbinders' cloth.....	63,791	July 9	129	864
Winterbottom Book Cloth Company, Ltd., Manchester, England. Tracing-cloth.....	63,901	July 16	129	1261
Winterbottom Book Cloth Company, Ltd., Manchester, England. Tracing-cloth.....	65,932	Oct. 29	130	2715
Wintersteen, Charles H., Cameron, Mo. Medicated stock food.....	63,990	July 16	129	1263
Wire & Telephone Co. of America, Rome, N. Y. Telephones.....	62,548	May 14	128	880
Wire & Telephone Co. of America, Rome, N. Y. Wire.....	62,549	May 14	128	880
Wisconsin Condensed Milk Co., Burlington, Wis., and New York, N. Y. Condensed milk.....	61,661	Apr. 2	127	1986
Wisconsin Condensed Milk Co., Burlington, Wis., and New York, N. Y. Evaporated cream.....	61,745	Apr. 2	127	1988
Wisconsin Condensed Milk Co., Burlington, Wis., and New York, N. Y. Condensed milk.....	61,796	Apr. 2	127	1989
Wisconsin Condensed Milk Co., Burlington, Wis., and New York, N. Y. Condensed milk.....	62,031	Apr. 16	127	2810
Wisconsin Condensed Milk Co., Burlington, Wis., and New York, N. Y. Condensed milk.....	62,032	Apr. 16	127	2810
Witt, John A., Chicago, Ill. Preparation of corn and honey.....	66,542	Dec. 10	131	1682
Wlekinski, Joe P., East Chicago, Ind. Certain medicine.....	65,328	Sept. 17	130	973
Wm. A. Rogers, Ltd., New York, N. Y. Silver-plated ware comprising flat and hollow ware and cutlery.....	59,396	Jan. 8	126	749
Wm. A. Rogers, Ltd., New York, N. Y. Silver-plated ware comprising flat and hollow ware and cutlery.....	59,422	Jan. 8	126	750
Wm. B. Riker & Son Co., New York, N. Y. Carbonated drinking-water.....	64,206	July 30	129	2068
Wm. B. Riker & Son Co., New York, N. Y. Mixed drinks.....	64,207	July 30	129	2068
Wm. B. Riker & Son Company, New York, N. Y. Hair-dressing and dandruff-remover.....	61,969	Apr. 9	127	2391
Wm. B. Riker & Son Company, New York, N. Y. Perfumes.....	62,232	Apr. 23	127	3212
Wm. Bergenthal Co., Milwaukee, Wis. Whisky.....	60,243	Jan. 29	126	1772
Wm. Bergenthal Co., Milwaukee, Wis. Whisky.....	60,419	Feb. 5	126	2185
Wm. Bergenthal Co., Milwaukee, Wis. Gin.....	62,374	Apr. 30	127	3638
Wm. Bolles Company, Toledo, Ohio. Fountain-pens and parts thereof.....	64,954	Aug. 27	129	3498
Wm. C. Robinson & Son Co., Baltimore, Md. Certain oils and lubricants.....	60,120	Jan. 29	126	1768
Wm. Cramp & Sons Ship & Engine Building Co., Philadelphia, Pa. Certain metals.....	64,766	Aug. 20	129	3156
Wm. Elliot & Co., New York, N. Y. Razors.....	61,520	Mar. 26	127	1572
Wm. Elliot & Co., New York, N. Y. Razors.....	61,521	Mar. 26	127	1572
Wm. Elliot & Co., New York, N. Y. Razors.....	61,522	Mar. 26	127	1572
Wm. Elliot & Co., New York, N. Y. Razors.....	61,523	Mar. 26	127	1572
Wm. Elliot & Co., New York, N. Y. Razors.....	61,524	Mar. 26	127	1572
Wm. Elliot & Co., New York, N. Y. Razors.....	61,525	Mar. 26	127	1572
Wm. Elliot & Co., New York, N. Y. Razors.....	61,550	Mar. 26	127	1573
Wm. H. Page Boiler Co., Norwich, Conn., and New York, N. Y. Hot-water boilers and steam-boilers.....	64,673	Aug. 20	129	3153
Wm. H. Page Boiler Co., Norwich, Conn., and New York, N. Y. Hot-water boilers and steam-boilers.....	64,691	Aug. 20	129	3154
Wm. H. Richardson Co., Boston, Mass. Overcoats and suits.....	60,121	Jan. 29	126	1768
Wm. Hoelscher and Co., Inc., San Francisco, Cal. Brandies.....	65,079	Sept. 3	130	296
Wm. J. Stange Co., Chicago, Ill. Ginger-ale.....	65,954	Oct. 29	130	2715
Wm. Pfeifer Berlin Weiss Beer Co., Chicago, Ill. Beer.....	66,055	Nov. 5	131	355
Wm. Wrigley Jr. Co., Chicago, Ill. Chewing-gum.....	64,816	Aug. 20	129	3157
Wolcott Company, Rochester, N. Y. Whisky.....	60,621	Feb. 12	126	2585
Wolcott Company, Rochester, N. Y. Whisky.....	60,622	Feb. 12	126	2585
Wolf, Daniel A., Cincinnati, Ohio. Cigars, stogies, and smoking-tobaccos.....	64,080	July 23	129	1604
Wolferman, Fred, Kansas City, Mo. Smoked meats.....	60,712	Feb. 19	126	3035
Wolff & Glaserfeld, Berlin, Germany. Certain wearing-apparel.....	66,492	Dec. 3	131	1417
Wollschläger, F. A., Winston, N. C. Proprietary medicine used as a blood-purifier.....	59,589	Jan. 8	126	754
Wolverine Suspender Co., Kalamazoo, Mich. Hose-supporters and suspenders.....	62,202	Apr. 23	127	3211
Wood, Henry A., East Orange, N. J. Puzzles.....	60,154	Jan. 29	126	1769
Wood, Pollard & Co., Boston, Mass. Coffee and tea.....	65,254	Sept. 17	130	971
Wood, William H., Cleveland, Ohio. Instep or arch support.....	60,584	Feb. 12	126	2584
Woodbury, Howard C., Boston, Mass. Whisky.....	63,251	June 11	128	2524
Woods, George M., Little Rock, Ark. Certain chemical compound.....	65,747	Oct. 22	130	2366
Woolf, Michael, New York, N. Y. Everglases.....	64,908	Aug. 27	129	3497
Woolner Distilling Co., Peoria, Ill. Denatured alcohol.....	63,769	July 9	129	863
Woolner Distilling Company, Peoria, Ill. Whisky.....	65,817	Oct. 22	130	2367
Woolrich & Co., Palmer, Mass. Prepared foods for infants and invalids.....	60,501	Feb. 12	126	2582
Woolson Spice Company, Toledo, Ohio. Coffee.....	62,083	Apr. 16	127	2812
Woolson Spice Company, Toledo, Ohio. Coffee.....	62,822	May 28	128	1682
Woolson Spice Company, Toledo, Ohio. Coffee.....	62,823	May 28	128	1682
Woolson Spice Company, Toledo, Ohio. Coffee.....	62,824	May 28	128	1682
Worcester Salt Company, Silver Springs and New York, N. Y. Table-salt.....	65,644	Oct. 15	130	2061
Worden Meeker Co., Incorporated, Oakland, Cal. Paint-oils, varnishes, and japans.....	65,602	Oct. 8	130	1684
Words Dispensary Medical Association, Buffalo, N. Y. Remedies for certain diseases.....	61,459	Mar. 19	127	1250
Woronoco Paper Company, Woronoco, Mass. All kinds of writing-paper.....	61,460	Mar. 19	127	1250
Worthy Paper Company, Agawam, Mass. Paper for writing and printing.....	64,319	July 30	129	2071
Worumbo Manufacturing Company, Bath, Me. Woolen piece goods.....	66,483	Dec. 3	131	1417
Wright & Ditson, Jersey City, N. J., and Boston, Mass. Certain knit garments.....	62,164	Apr. 23	127	3210
Wright & Ditson, Jersey City, N. J., and Boston, Mass. Certain clothing.....	62,738	May 21	128	1288
Wright & Ditson, Jersey City, N. J. Certain footwear.....	64,267	July 30	129	2070
Wright, Jessie T., Cornhill, Tex. Certain chemical compound.....	62,739	May 21	128	1288
Wright Smith M'fg. Co., St. Louis, Mo. Relish.....	61,867	Apr. 9	127	2389

Alphabetical list of registrants of trade-marks—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
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Wright's Rapid Relief Co., Peebles, Ohio. Certain named medicines.....	60,054	Jan. 22	126	1353
Wrought Iron Range Company, St. Louis, Mo. Ranges and stoves.....	61,357	Mar. 19	127	1247
Wülfing, Abraham, Berlin, Germany. Remedies to be used for diseases of the sexual organs.....	65,313	Sept. 17	130	973
Wunderle, Philip, Philadelphia, Pa. Candy.....	65,518	Oct. 8	130	1682
Wurtzburger, Joseph, Baltimore, Md. Coats, vests, trousers, and overcoats.....	63,919	July 16	129	1261
Wyeth Hardware & Manufacturing Co., St. Joseph, Mo. Certain cutlery.....	66,349	Nov. 19	131	938
Wyles, Tom R., Chicago, Ill. Paint and varnish solvents and removers.....	66,568	Dec. 10	131	1683
Wyllie & Co., J. N., Danville, Va. Smoking-tobacco.....	63,159	June 11	128	2521
Wyoming Shovel Works, Wyoming, Pa. Shovels, spades, and scoops.....	60,055	Jan. 22	126	1353
X-Ray Varnish Company, Chicago, Ill. Varnishes and stains.....	61,638	Apr. 2	127	1985
Y. Pendas & Alvarez, New York, N. Y. Cigars.....	65,694	Oct. 15	130	2063
Yale & Towne Mfg. Co., Stamford, Conn. Locks and parts thereof and keys.....	61,834	Apr. 9	127	2388
Yale & Towne Mfg. Co., Stamford, Conn. Chain-blocks.....	61,835	Apr. 9	127	2388
Yale & Towne Mfg. Co., Stamford, Conn. Chain-blocks.....	61,836	Apr. 9	127	2388
Yale & Towne Mfg. Co., Stamford, Conn. Locks and parts thereof and keys therefor.....	61,837	Apr. 9	127	2388
Yale & Towne Mfg. Co., Stamford, Conn. Locks, parts thereof, and keys.....	61,838	Apr. 9	127	2388
Yale & Towne Mfg. Co., Stamford, Conn. Locks and keys.....	63,654	July 2	129	474
Yale & Towne Mfg. Co., Stamford, Conn. Certain metal manufactures.....	64,023	July 16	129	1264
Yale & Towne Mfg. Co., Stamford, Conn. Locks.....	65,108	Sept. 10	130	649
Yankee Fuel Company, Raton, N. Mex. Ter. Coal.....	60,147	Jan. 29	126	1769
Yerba Yutu Remedy Company, Los Angeles, Cal. Medicinal preparation for purifying the blood.....	66,114	Nov. 12	131	685
Yermeth-Compagnie Lender & Co., assignor to Graf & Comp., Schoeneberg, near Berlin, Germany. Non-alcoholic beverages containing caffeine.....	59,238	Jan. 1	126	383
Yerxa Bros. & Co., Minneapolis, Minn. Coffee.....	62,084	Apr. 16	127	2812
York Portland Cement Company, Portsmouth, Ohio. Cement used in works of construction.....	64,045	July 23	129	1603
York Silk Manufacturing Co., York, Pa. Silk piece goods.....	61,125	Mar. 5	127	387
York Silk Manufacturing Company, York, Pa. Silk piece goods.....	59,992	Jan. 22	126	1351
Young, Albert W., Philadelphia, Pa. Polishing-paper for metal and glass articles.....	63,150	June 11	128	2521
Young, Albert W., Philadelphia, Pa. Remedy for toothache.....	63,567	June 25	128	3283
Young, Benjamin, (a Firm,) Milwaukee, Wis. Horse-collars.....	64,374	Aug. 6	129	2494
Young, Charles M., San Francisco, Cal. Calculators.....	66,015	Nov. 5	131	354
Young, Edgar, Buffalo, N. Y. Bread.....	63,823	July 9	129	865
Young, Geo. O., Buckhannon, W. Va. Corn remedy.....	63,770	July 9	129	863
Young, Kate F., Newark, N. J. Illuminating-oils and lubricating oils and greases.....	59,833	Jan. 22	126	1347
Yuengling & Son, D. G., Pottsville, Pa. Ale, porter, and brown stout.....	63,252	June 11	128	2524
Zane & Gill, Swedesboro, N. J. Certain foods.....	66,615	Dec. 17	131	1936
Zarnits Brothers Grocery Company, Wheeling, W. Va. Wheat-flour and macaroni.....	59,216	Jan. 1	126	382
Zarnits Brothers Grocery Company, Wheeling, W. Va. Soap and soap powders.....	62,567	May 14	128	880
Zebra Remedy Company, Guthrie, Okla. Ter. Vegetable pills.....	63,991	July 16	129	1263
Zeeland Cheese Co., Zeeland, Mich. Cheese.....	60,671	Feb. 19	126	3034
Zeeland Cheese Co., Zeeland, Mich. Cheese.....	60,672	Feb. 19	126	3034
Zeidler Lamp & Brass Co., Lomira, Wis. Gasolene-torches.....	63,824	July 9	129	865
Zeiss, Firm of Carl, Jena, Germany. Measuring and scientific optical apparatus, appliances, and instruments.....	62,340	Apr. 30	127	3637
Zeltner Brewing Co., New York, N. Y. Lager-beer.....	59,508	Jan. 8	126	752
Zenner Disinfectant Company, Detroit, Mich. Disinfectant, insecticide, animal-dip, vermicide, and antiseptic preparations.....	63,949	July 16	129	1262
Zephon Chemical Compound Company, Chicago, Ill. Boiler-cleaning compounds.....	59,526	Jan. 8	126	753
Zerbst, Edward A., St. Joseph, Mo. Remedies for colds and la grippe.....	63,793	July 9	129	864
Zip Cloth Manufacturing Company, Boston, Mass. Cloth for cleansing and polishing.....	65,779	Oct. 22	130	2366
Zopfie, Mark, Pittsburg, Pa. Remedy for typhoid fever.....	64,156	July 23	129	1606
Zozoene Manufacturing Company, Tampa, Fla. Fluid detergent.....	65,580	Oct. 8	130	1684
Zuill, Walter J., Syracuse, N. Y. Washing-machines.....	61,797	Apr. 2	127	1989
Zwack & Co., J., Budapest, Austria-Hungary. Cordial prepared from aniseed and sugar.....	63,691	July 2	129	475
Zwonechek & Aksamit, Wilber, Nebr. Wheat-flour.....	66,695	Dec. 24	131	2139
Zwonechek & Aksamit, Wilber, Nebr. Wheat-flour and cornmeal.....	66,696	Dec. 24	131	2139

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Name, residence, and title.	No.	Date.	Official Gazette.	
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A. Booth & Company, Chicago, Ill. "Oysters." (For Canned Oysters).....	13,357	Feb. 12	126	2587
A. Schilling and Company, San Francisco, Cal. "Schilling's Best." (For Coffee).....	13,490	Apr. 23	127	3213
A. Schilling & Company, San Francisco, Cal. "Schilling's Best." (For Tea).....	13,615	June 18	128	2833
A. Schilling & Company, San Francisco, Cal. "Schilling's Best." (For Baking-Powder).....	13,659	July 9	129	868
A. G. Morse Company, Chicago, Ill. "Morse's Napoleon Chocolates." (For Chocolates).....	13,753	Aug. 20	129	3158
A. H. Berry Shoe Company, Portland, Me. "Red Diamond." (For Boots and Shoes).....	13,413	Mar. 19	127	1251
Abbott & Co., C. W., Baltimore, Md. "Abbott's Bitters." (For Bitters).....	13,326	Jan. 22	126	1354
Abrams, R. & A., New York, N. Y. "Robalo." (For Cigars).....	13,870	Nov. 12	131	689
Aceto, Pasquale, Philadelphia, Pa. "St. Philip Hair Tonic and Dandruff Cure." (For Hair Preparations).....	13,571	May 28	128	1686
Acme Shear Company, Bridgeport, Conn. "Oval." (For Shears).....	13,913	Dec. 3	131	1418
Adams, Herbert L., Worcester, Mass. "Wilhelmina Corsets." (For Corsets).....	13,941	Dec. 17	131	1938
Adner Laboratory Company, Philadelphia, Pa. "So-Easy Straw Hat Cleaner." (For a Straw-Hat Cleaner).....	13,604	June 11	128	2527
Adner Laboratory Company, Philadelphia, Pa. "So-Easy Stove Polish." (For Stove-Polish).....	13,748	Aug. 13	129	2856
Alabama-Georgia Syrup Company, Montgomery, Ala. "Alaga." (For Syrup).....	13,332	Jan. 29	126	1773
Alexander & Zenn, New York, N. Y. "Ramon Pinto." (For Cigars).....	13,329	Jan. 22	126	1354
Alfred Andresen & Co., Minneapolis, Minn. "Rosette Irons." (For Irons).....	13,608	June 11	128	2527
Alonso Rejas Ca., Key West, Fla. "Alonso Rejas." (For Cigars).....	13,820	Oct. 8	130	1686
Altree, George, Jacksonville, Fla. "Union Beer, Hop, and Horehound Beverage." (For a Beverage).....	13,385	Mar. 5	127	390
American Bottling Co., Inc. Norfolk, Va. "Golden Top." (For Ginger-Ale).....	13,297	Jan. 1	126	385
American Candy Company, Milwaukee, Wis. "King of Bitter Sweets." (For Candy).....	13,485	Apr. 23	127	3213
American Dehydrating Company, Waukesha, Wis. "American Dehydro Vegetables." (For Dehydrated Foods).....	13,766	Aug. 27	129	3499
American Pure Coffee & Spice Company, Dayton, Ohio. "Monibak." (For Coffee).....	13,639	July 2	129	477
American Pure Coffee & Spice Company, Dayton, Ohio. "Monibak." (For Spices).....	13,656	July 9	129	868
American Pure Coffee & Spice Company, Dayton, Ohio. "Monibak." (For Flavoring Extracts).....	13,657	July 9	129	868
American Pure Coffee & Spice Company, Dayton, Ohio. "Monibak." (For Baking-Powder).....	13,658	July 9	129	868
Anderson, Dora M., Everett, Mass. "Magic Salve." (For Salve).....	13,529	May 7	128	453
Arbuckle Bros., New York, N. Y. "Arbuckles' Certified Coffee." (For Coffee).....	13,668	July 16	129	1265
Arbuckle Brothers, New York, N. Y.; Pittsburg, Pa., and Chicago, Ill. "Nedra." (For Tea).....	13,810	Oct. 1	130	1481
Arbuckle Bros., New York, N. Y.; Pittsburg, Pa., and Chicago, Ill. "Arbuckle's Certified Coffees." (For Coffee).....	13,850	Nov. 5	131	357
Armour & Company, Chicago, Ill. "Transparosa Complexion Glycerine Soap." (For Soap).....	13,436	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Savon Mucha Lilac." (For Soap).....	13,437	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Arbor Series Heliotrope." (For Soap).....	13,438	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Savon Mucha Sandalwood." (For Soap).....	13,439	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Sylvan Rose." (For Soap).....	13,440	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Sylvan Lilac." (For Soap).....	13,441	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Arcadia Lilac." (For Soap).....	13,442	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Sylvan Carnation." (For Soap).....	13,443	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Arbor Series Rose." (For Soap).....	13,444	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Arcadia Heliotrope." (For Soap).....	13,445	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Savon Mucha Violet." (For Soap).....	13,446	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Arcadia Violet." (For Soap).....	13,447	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Sylvan Sandalwood." (For Soap).....	13,448	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Arbor Series Violet." (For Soap).....	13,449	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Savon Mucha Heliotrope." (For Soap).....	13,450	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Arbor Series Lilac." (For Soap).....	13,451	Apr. 2	127	1990
Armour & Company, Chicago, Ill. "Arcadia Sandalwood." (For Soap).....	13,475	Apr. 16	127	2814
Armour & Company, Chicago, Ill. "Arcadia Rose." (For Soap).....	13,476	Apr. 16	127	2814
Armour & Company, Chicago, Ill. "Romanza Lilac." (For Soap).....	13,511	Apr. 30	127	3639
Armour & Company, Chicago, Ill. "Romanza Violet." (For Soap).....	13,512	Apr. 30	127	3639
Armour & Company, Chicago, Ill. "Romanza Heliotrope." (For Soap).....	13,513	Apr. 30	127	3639
Armour & Company, Chicago, Ill. "Romanza Rose." (For Soap).....	13,514	Apr. 30	127	3639
Armstrong, Richard R., Terre Haute, Ind. "Se-ba-go." (For a Carbonated Beverage).....	13,419	Mar. 26	127	1576
Aronson, Louis V., Newark, N. J. "In-Sen-Zum, Makes Home Sweet Home Sweeter." (For an Incense Preparation).....	13,892	Nov. 19	131	939
Austin, Albert A., Indianapolis, Ind. "Tickle-Chicle Chewing Gum." (For Chewing-Gum).....	13,823	Oct. 8	130	1686
Avellanal, J. R., Tampa, Fla. "Appetigenum." (For a Medical Compound).....	13,552	May 21	128	1289
Ayer & Co., M. S., Boston, Mass. "Defiance Flour." (For Flour).....	13,303	Jan. 8	126	755
Bacon Art Company, Philadelphia, Pa. "Silkella Handkerchiefs." (For Handkerchiefs).....	13,815	Oct. 1	130	1481
Bacon Art Company, Philadelphia, Pa. "Banzai Pongee Handkerchiefs." (For Handkerchiefs).....	13,816	Oct. 1	130	1481
Bacon Art Company, Philadelphia, Pa. "H & L Sanitas Soft Finish Gentlemen's Handkerchiefs." (For Handkerchiefs).....	13,817	Oct. 1	130	1481
Ballard, George W., Binghamton, N. Y. "Ballard's Lady of the House Ideal Furniture Polish." (For Furniture-Polish).....	13,665	July 9	129	868
Barber, George A., Los Angeles, Cal. "Clover Glen." (For Butter).....	13,301	Jan. 1	126	385
Barnes-Hart Company, Boston, Mass. "Phosigna." (For Medicine).....	13,618	June 18	128	2833
Bartholomew, Walter H., New York, N. Y. "Or-Pho-So Orange Phosphate." (For Orange Phosphate).....	13,523	May 7	128	453
Bayle, Geo. A., St. Louis, Mo. "Bayle's High Grade Horseradish Catsup." (For Catsup).....	13,462	Apr. 9	127	2392
Becker, Mayer & Co., Chicago, Ill. "The Graduate." (For Clothing).....	13,467	Apr. 9	127	2392
Bellman & Co., A. B., Chicago, Ill. "Weuztha B-L Hair Fluff." (For a Preparation for Improving and Fluffing the Hair).....	13,551	May 21	128	1289
Bender, Wm., Jr., Waukegan, Ill. "Altbräu." (For Beer).....	13,491	Apr. 23	127	3213
Bennett, Grace, New Orleans, La. "Feahney's Chief." (For Whisky).....	13,317	Jan. 15	126	1062

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Berlin Laboratory, Cincinnati, Ohio. "Kaffee Klatsch." (For Coffee).....	13,421	Mar. 26	127	1576
Berlin Laboratory, Cincinnati, Ohio. "Bisco." (For a Baking Compound).....	13,422	Mar. 26	127	1576
Berlin Laboratory, Cincinnati, Ohio. "Big Jane." (For Baking-Powder).....	13,423	Mar. 26	127	1576
Berlin Laboratory, Cincinnati, Ohio. "Baking Powder." (For Baking-Powder).....	13,424	Mar. 26	127	1576
Berry, Maybrun Co., Chicago, Ill. "Ginger Cake Molasses." (For Molasses).....	13,470	Apr. 16	127	2814
Berry, Maybrun Co., Chicago, Ill. "Uncle Ben Molasses." (For Molasses).....	13,471	Apr. 16	127	2814
Best & Russell Company, Chicago, Ill. "Mars." (For Cigars).....	13,613	June 18	128	2833
Billisoly, Paul C., Norfolk, Va. "Lincoln Hair Pomade." (For a Hair Preparation).....	13,770	Sept. 3	130	297
Bishop, Frank P., Chicago, Ill. "Bishop's Original Cracker-Nut-Candy." (For a Confection).....	13,774	July 30	129	2072
Black Hills Brewing Co., Central City, S. D. "Gold Nugget Extra Fine Special Brew." (For Beer).....	13,533	May 14	128	883
Black Hills Brewing Co., Central City, S. D. "Gold Nugget Extra Fine Special Beer." (For Bottled Beer).....	13,534	May 14	128	883
Black Hills Brewing Co., Central City, S. D. "Gold Nugget." (For Bottled Beer).....	13,535	May 14	128	883
Blevins, Solomon, Cleveland, Ohio. "Blevins' American Dry Cleaner." (For a Cleaning Preparation).....	13,382	Feb. 26	126	3420
Bloch, Edgar, Brooklyn, N. Y. "The Marvelous Beautifier Fleur De Lis Crème." (For a Face-Cream).....	13,628	June 25	128	3285
Bloch, Edgar, Brooklyn, N. Y. "Fleur De Lis Liquid Rouge, for Making a Ruby Complexion." (For Rouge).....	13,629	June 25	128	3285
Bond, Elijah J., Charleston, W. Va. "Nirvana." (For Game-Boards).....	13,557	May 21	128	1289
Borden, W. E., Goldsboro, N. C. "Punch-I-Nello." (For Soft Drinks).....	13,955	Dec. 31	131	2415
Borun, David J., Milwaukee, Wis. "Enterprise." (For Cigars).....	13,366	Feb. 19	126	3039
Both, W. C., Chicago, Ill. "Men's Apparel." (For Men's Apparel).....	13,364	Feb. 12	126	2587
Both, W. C., Chicago, Ill. "Men's Apparel." (For Men's Apparel).....	13,412	Mar. 19	127	1251
Bowers, Spotswood D., Bridgeport, Conn. "Teddy's Bear Hunt Game." (For a Game).....	13,556	May 21	128	1289
Bowers, Spotswood D., Bridgeport, Conn. "The New Game, Teddy's Bear Hunt." (For a Game).....	13,607	June 11	128	2527
Bowes-Allegretti Co., Chicago, Ill. "Bowes-Allegretti Co. Chocolates." (For Chocolate).....	13,796	Sept. 17	130	975
Bowes-Allegretti Co., Chicago, Ill. "Bowes-Allegretti Co. Bon Bons and Chocolates." (For Bonbons and Chocolates).....	13,797	Sept. 17	130	975
Bowes-Allegretti Co., Chicago, Ill. "Bowes-Allegretti Co. Milk Chocolates." (For Milk-Chocolates).....	13,798	Sept. 17	130	975
Brandt, Maurice L., New York, N. Y. "Brandt Self Honing." (For Razor-Strops).....	13,621	June 18	128	2833
Bratzell, Thomas, Gardner, Mass. "Buffalo Mead." (For a Carbonated Beverage).....	13,811	Oct. 1	130	1481
Britton S. C., Chicago, Ill. "A Booklover's Notes." (For Note-Books).....	13,647	July 2	129	477
Brock, Henry J., Rochester, N. Y. "Kampus Klothes." (For Young Men's Clothing).....	13,468	Apr. 9	127	2392
Buffalo Pharmaceutical Co., Buffalo, N. Y. "Mint-Seltzer." (For Granular Effervescent Salts).....	13,345	Feb. 5	126	2187
Bullard Thread Co., Holyoke, Mass. "Premium B-I-G-5-3 Cord." (For Thread and Spool-Cotton).....	13,465	Apr. 9	127	2392
Bunte Brothers, Chicago, Ill. "Loading Cocoa Beans." (For Cocoa-Beans).....	13,838	Oct. 22	130	2369
Bunte Brothers, Chicago, Ill. "Cocoa Beans." (For Cocoa-Beans).....	13,839	Oct. 22	130	2366
Bunte Brothers, Chicago, Ill. "Chocolate." (For Chocolate Goods).....	13,840	Oct. 22	130	2369
Bunte Brothers, Chicago, Ill. "Bunte." (For Chocolate and Cocoa).....	13,948	Dec. 24	131	2142
Bunte Brothers, Chicago, Ill. "Bunte Brothers." (For Chocolate).....	13,956	Dec. 31	131	2415
Burgess, A. S., Philadelphia, Pa. "Cremegg." (For Confectioners' Paste).....	13,738	Aug. 13	129	2859
Burk, Louis, Philadelphia, Pa. "Burk's Boiled Ham." (For Smoked and Cured Meats).....	13,694	July 30	129	2072
Burk, Louis, Philadelphia, Pa. "Burk's Lunch Roll." (For Smoked and Cured Meats).....	13,695	July 30	129	2072
Burkenroad-Goldsmith Co. Ltd., New Orleans, La. "Autocrat." (For Canned Fruits).....	13,642	July 2	129	477
Burkenroad-Goldsmith Co. Ltd., New Orleans, La. "Autocrat." (For Canned Vegetables).....	13,645	July 2	129	477
Burkenroad-Goldsmith Co. Ltd., New Orleans, La. "Autocrat." (For Canned Fish).....	13,646	July 2	129	477
Burkstrom, Carl O. F., Chicago, Ill. "Himmalia Tonic." (For Medicine).....	13,398	Mar. 12	127	845
Burton Bros. & Co., New York, N. Y. "Sun Bleach." (For Cotton Piece Goods).....	13,384	Feb. 26	126	3420
Burton Brothers & Co., New York, N. Y. "Samson." (For Dress Goods Known in the Trade as Galatea).....	13,893	Nov. 19	131	939
Busy Bee Candy Co., St. Louis, Mo. "Diamond Special." (For Candy).....	13,786	Sept. 10	130	653
C. E. Gates Co., (Ltd.), New York, N. Y. "Emulsicol." (For a Medicated Emulsion of Fats).....	13,583	June 4	128	2083
C. E. Gates Co., (Ltd.), New York, N. Y. "Unctisol." (For a Medicated Uncction).....	13,626	June 25	128	3285
C. E. Gates Co., (Ltd.), New York, N. Y. "Lotiol." (For a Medicated Oily Lotion).....	13,627	June 25	128	3285
Cabler, William P., Fort Wayne, Ind. "Root Juice." (For a Medical Preparation).....	13,477	Apr. 16	127	2814
California Rosoint Company, Alameda, Cal. "Rosoint." (For Medical Compound).....	13,417	Mar. 19	127	1251
Capobianco, Pasquale, Philadelphia, Pa. "Sigari Toscani." (For Cigars).....	13,709	July 30	129	2072
Catlin, John F., Chicago, Ill. "Tropic Remedy." (For Medicine).....	13,662	July 9	129	868
Central Bottling Co., New York, N. Y. "Ginger Porter." (For Carbonated Beverages).....	13,669	July 16	129	1265
Central Bottling Co., New York, N. Y. "Celery Fizz." (For Carbonated Beverages).....	13,670	July 16	129	1265
Central Lithograph Co., Cleveland, Ohio. "Medrona, Essence of Mildness Cigars." (For Cigars).....	13,318	Jan. 15	126	1062
Century Co., New York, N. Y. "Century Prints." (For Pictures).....	13,778	Sept. 3	130	297
Channell, Eliza B., Chicago, Ill. "Jewel Cement." (For a Cement).....	13,829	Oct. 8	130	1686
Charles E. Hires Company, Philadelphia, Pa. "Purock Ginger Ale." (For Ginger-Ale).....	13,456	Apr. 9	127	2392
Charles E. Hires Company, Philadelphia, Pa. "Hires." (For Root-Beer and Root-Beer Extract).....	13,549	May 21	128	1289
Charles Seip Baking Co., Chicago, Ill. "Daisy Bread." (For Bread).....	13,469	Apr. 16	127	2814
Chas. Jacquin et Cie., Inc., New York, N. Y. "Buchu Gin." (For Gin).....	13,805	Sept. 24	130	1307
Chicago Wood Finishing Co., Chicago, Ill. "Elston The Original Paint and Varnish Remover." (For a Varnish-Remover).....	13,777	Sept. 3	130	297
Clark & Company, F. B., Harrisburg, Pa. "Pain King." (For a Cough Cure).....	13,884	Nov. 19	131	939
Clark & Company, F. B., Harrisburg, Pa. "Cut-Vita Salve." (For a Salve).....	13,887	Nov. 19	131	939
Clark, Preston, Peoria, Ill. "Get Rosy Malt." (For Malt Liquors).....	13,395	Mar. 12	127	845
Clayton, Geo. W., Chicago, Ill. "Kilflea." (For Dog-Soap).....	13,400	Mar. 12	127	845
Coca Cola Co., Atlanta, Ga. "Coca-Cola." (For a Non-Alcoholic Beverage).....	13,298	Jan. 1	126	385
Coca Cola Company, Atlanta, Ga. "Coca Cola." (For a Non-Alcoholic Beverage).....	13,853	Nov. 5	131	357
Coffey Co., M. T., Fall River, Mass. "Turjo." (For Cigars).....	13,611	June 18	128	2833
Colomagna Springs Company, Columbus, Ind. "Colomagna Water." (For Mineral Waters).....	13,795	Sept. 17	130	975
Columbia Coffee Mills Ltd., New Orleans, La. "Newleans." (For Syrup).....	13,562	May 28	128	1686
Common Sense Gum Company, Boston, Mass. "Common Sense Cathartic Gum." (For Chewing-Gum).....	13,824	Oct. 8	130	1686
Common Sense Gum Company, Boston, Mass. "Listerated Pepsin Gum." (For Chewing-Gum).....	13,825	Oct. 8	130	1686
Common Sense Gum Company, Boston, Mass. "Common Sense Cough Gum." (For Chewing-Gum).....	13,826	Oct. 8	130	1686
Common Sense Gum Company, Boston, Mass. "Muscle Culture Gum." (For Chewing-Gum).....	13,827	Oct. 8	130	1686
Consumers' Brewing Co., Norfolk, Cal. "The Beer Without a Peer." (For Beer).....	13,577	June 4	128	2083
Converse, Thomas F., San Diego, Cal. "California's Club Water." (For Mineral Water).....	13,507	Apr. 30	127	3639
Cooper, Charles. (See Zaitchick and Cooper.)				
Corn Crystal Company, Worcester, Mass. "Corn Crystals." (For a Cereal Food).....	13,425	Mar. 26	127	1570
Cowles Horan Whip Co., Westfield, Mass. "The Edison Magnetized Wire Woven Rawhide." (For Whips).....	13,545	May 14	128	883
Crane, Clarence A., Warren, Ohio. "Twin Star." (For Maple-Syrup).....	13,602	June 11	128	2527
Crichton, Alexander, Castleton, Ontario, Canada. "Grippura, (Germ-Destroyer)." (For a Proprietary Medicine).....	13,886	Nov. 19	131	939

Alphabetical list of registrants of labels—Continued.

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Crocker, Alvin E., New York, N. Y. "Asparagus Smyrna Fig Coffee." (For Coffee).....	13,428	Apr. 2	127	1990
Cross, Arthur H., New York, N. Y. "Gilt Edge." (For a Metal-Polish).....	13,390	Mar. 5	127	390
Crotzer, Frank P., Wilkes-Barre, Pa. "Bromo-Mint." (For Medicine).....	13,902	Nov. 26	131	1159
Culver, Richard W., Detroit, Mich. "Hybrosolona Mixture." (For a Medicine).....	13,497	Apr. 23	127	3213
Dacus, Augusta, San Antonio, Tex. "Resinine." (For a Fire-Kindler).....	13,501	Apr. 23	127	3213
Damascus Chemical Co., Butler, Pa. "Tanaline Cream Lotion." (For a Lotion for the Complexion).....	13,958	Dec. 31	131	2415
Daprato Statuary Company, Chicago, Ill. "Rigalico." (For Statuary).....	13,631	June 25	128	3285
Davis, William H., Cincinnati, Ohio. "Davis' Old Indian Cure." (For a Medicine).....	13,498	Apr. 23	127	3213
De Zeabault and Co., Juano L., Cleveland, Ohio. "Queen Alexandrias of Judea." (For Cold-Cream).....	13,494	Apr. 23	127	3213
Delino, Diego, Wappingers Falls, N. Y. "Amidina." (For an Ointment).....	13,767	Aug. 27	129	3499
Delson, John, New York, N. Y. "Delson's Cresote with Hypophosphites." (For a Medicinal Preparation).....	13,739	Aug. 13	129	2856
Dennie, Frank B., Minneapolis, Minn. "Security Gall Salve." (For a Gall-Salve).....	13,479	Apr. 16	127	2814
Denton, Lewis G., Schenectady, N. Y. "Do-No Syrup." (For a Medicine).....	13,361	Feb. 12	126	2587
Denton, Lewis G., Schenectady, N. Y. "Do-No Liver, Kidney and Constipation Tablets." (For Medicine).....	13,846	Oct. 29	130	2716
Derma Viva Co., Chicago, Ill. "Derma Viva." (For Toilet Preparations).....	13,875	Nov. 12	131	689
Dextrose Food Co., Barton Heights, Va. "Dextrose." (For a Prepared Food for Infants and Invalids).....	13,472	Apr. 16	127	2814
Dixon, James Q., Buffalo, N. Y. "Dixon's Mica Oil." (For Mica-Oil).....	13,866	Nov. 5	131	357
Doolittle, Elizabeth, Salina, Kans. "Quickheal." (For Ointments for External Use for Subduing Inflammation).....	13,876	Nov. 12	131	689
Doolittle, George E., Washington, D. C. "The Dolly Madison Home-Made Candies." (For Candy).....	13,407	Mar. 19	127	1251
Douglas Candy Company, St. Joseph, Mo. "Miladi." (For Candy).....	13,882	Nov. 19	131	939
Drake, Deamon R., Lagrange, Ind. "The Ladies Friend." (For a Medicine).....	13,800	Sept. 17	130	975
Drews & Co., A. E., Wilmington, Cal. "Vegetable Cough Syrup." (For Medicines for Diseases of the Throat and Lungs).....	13,789	Sept. 10	130	653
Dugan, J. D. & J. J., Susquehanna, Pa. "King Cough Cure." (For a Cough Cure).....	13,728	Aug. 6	129	2498
Dunn & Powell Inc., Little Rock, Ark. "Silver Seal." (For Tea).....	13,522	May 7	128	453
Dunn, Wallace F., Minneapolis, Minn. "Dr. French's Quinsy Kit." (For Medicine).....	13,458	Apr. 9	127	2392
Dunn, Wallace F., Minneapolis, Minn. "Dr. French's Quinsy Kit." (For Medicine).....	13,459	Apr. 9	127	2392
Dunn, Wallace F., Minneapolis, Minn. "Dr. French's Quinsy Kit." (For Medicine).....	13,460	Apr. 9	127	2392
Dunner, Julius, New York, N. Y. "Dunner's Ready Hardner." (For Hardening Liquidate).....	13,759	Aug. 20	129	3158
Economy Corset Co., Inc., Syracuse, N. Y. "The Button Without a Post." (For Hose-Supporters).....	13,379	Feb. 26	126	3420
Economy Corset Company, Syracuse, N. Y. "The National Hygienic Button." (For Hose-Supporter Buttons).....	13,923	Dec. 10	131	1684
Edelstein, J. I., New York, N. Y. "La Kyma." (For Cigars).....	13,648	July 9	129	868
Edwin Cigar Co., New York, N. Y. "Edwin Cigar Company's Cigars." (For Cigars).....	13,610	June 18	128	2833
Eldridge, K. C., Independence, Oreg. "Gold Medal." (For Butter).....	13,550	May 21	128	1289
Elite Perfume Co., Detroit, Mich. "Oriental Bath Aroma." (For a Perfume for the Bath).....	13,542	May 14	128	883
Eppstein, Rudolf, and A. Wander, New York, N. Y. "Judge Gaynor Cigars." (For Cigars).....	13,334	Jan. 29	126	1773
Everett, Aughenbaugh & Company, Waseca, Minn. "Winged Horse." (For Wheat-Flour).....	13,525	May 7	128	453
Farrell & Company, Omaha, Nebr. "Farrell's Wedding Breakfast Cane and Maple Sugar Syrup." (For Cane and Maple-Sugar Syrup).....	13,949	Dec. 24	131	2142
Farrell & Company, Omaha, Nebr. "Farrell's Pride of Colorado Fancy Table Syrup." (For Table-Syrup).....	13,950	Dec. 24	131	2142
Fayette Canning Company, Washington, Ohio. "Pride of Ohio." (For Canned Tomatoes).....	13,643	July 2	129	477
Fayette Canning Company, Washington, Ohio. "Pride of Ohio." (For Canned Corn).....	13,644	July 2	129	477
Feigelson, Jos., New York, N. Y. "Annihilator." (For Stain-Removing Liquids).....	13,732	Aug. 6	129	2498
Feist Gas Mantle Mfg. Co., Cincinnati, Ohio. "Feist Natural Gas Mantle." (For Incandescent Gas-Mantles).....	13,710	July 30	129	2072
Feldman, Alexander, Houston, Tex. "Crown-O." (For a Beverage).....	13,314	Jan. 15	126	1062
Fernald, Keene and True Company, Poland, Me. "Poland." (For Canned Corn).....	13,697	July 30	129	2072
Fernald, Keene and True Company, Poland, Me. "Carnival." (For Canned Corn).....	13,698	July 30	129	2072
Fernald, Keene and True Company, Poland, Me. "Alice Rose." (For Canned Corn).....	13,699	July 30	129	2072
Fischer & Co., B., New York, N. Y. "Coffee." (For Coffee).....	13,780	Sept. 10	130	653
Fischer & Co., B., New York, N. Y. "Coffee." (For Coffee).....	13,781	Sept. 10	130	653
Fischer & Co., B., New York, N. Y. "Coffee." (For Coffee).....	13,782	Sept. 10	130	653
Fischer & Co., B., New York, N. Y. "Coffee." (For Coffee).....	13,783	Sept. 10	130	653
Fischer & Co., B., New York, N. Y. "Coffee." (For Coffee).....	13,784	Sept. 10	130	653
Fitch, James B., Cincinnati, Ohio. "Dustdown." (For Powder to Clean Carpets, Rugs, and Floors).....	13,502	Apr. 23	127	3213
Follmer Clogg & Co., Inc., New York, N. Y. "F. C. & Co. Fluffy Ruffles Parasols." (For Parasols).....	13,939	Dec. 17	131	1938
Follmer Clogg & Co., Inc., New York, N. Y. "F. C. & Co. Fluffy Ruffles Umbrella." (For Umbrellas).....	13,940	Dec. 17	131	1938
Foot, Eliza C., Lakewood, N. J. "Lakewood Spring Water." (For Spring-Water).....	13,567	May 28	128	1686
Forbes, Andrew, Philadelphia, Pa. "Pabu-Buchu Pure Gin." (For Gin).....	13,794	Sept. 17	130	975
Fosforat Co., Cleveland, Ohio. "Fosforat." (For a Rat, Mouse, and Vermin Exterminator).....	13,603	June 11	128	2527
Frankfort Distillery, (Incorporated), Frankfort, Ky. "Baker Bourbon." (For Whisky).....	13,897	Nov. 26	131	1159
Frankfort Distillery, (Incorporated), Frankfort, Ky. "Baker Rye." (For Whisky).....	13,898	Nov. 26	131	1159
Fred Feil Brewing Company, Philadelphia, Pa. "Exquisite." (For Malt Liquors and Dark Beers).....	13,457	Apr. 9	127	2392
Frickel, Harry, Philadelphia, Pa. "Frickel Nocksem-All." (For Cleaning Compound).....	13,435	Apr. 2	127	1990
Funke Co., Joseph B., La Crosse, Wis. "Funke's Chocolates-Juvenile." (For Candy).....	13,640	July 2	129	477
Funke Co., Joseph B., La Crosse, Wis. "Funke's Western Beauty Chocolates." (For Candy).....	13,671	July 16	129	1265
Funke Co., Joseph B., La Crosse, Wis. "Funke's Bitter Sweet Chocolates." (For Candy).....	13,672	July 16	129	1265
Funke Co., Joseph B., La Crosse, Wis. "Funke's Milk Chocolate Cremes." (For Candy).....	13,673	July 16	129	1265
Funke Co., Joseph B., La Crosse, Wis. "Funke's Chocolates-Royal Crown." (For Candy).....	13,674	July 16	129	1265
Furthmann, Jacob, Jersey City, N. J. "The Only 5c Bull Heads." (For Cigars).....	13,894	Nov. 26	131	1159
G. W. Martin & Bro., New York, N. Y. "Song of the Butter-Maker." (For Butter).....	13,822	Oct. 8	130	1686
Gallout, Otto A., Milwaukee, Wis. "Famous Stack." (For Cigars).....	13,597	June 11	128	2527
Gaoutte, Joseph, Holyoke, Mass. "Lightning Star." (For a Dressing for Pianos, Automobiles, Carriages, Hacks, and All Kinds of Furniture).....	13,847	Oct. 29	130	2716
Garden City Brewery, Chicago, Ill. "Daisy." (For Beer).....	13,928	Dec. 17	131	1938
Gargiulo & Company, P., New York, N. Y. "Ferro-China-Universale." (For a Medical Preparation).....	13,801	Sept. 17	130	975
Gem Manufacturing Co., Albany, N. Y. "Stephenson The Original Uned A Bar Belt Dressing." (For a Belt-Dressing).....	13,574	May 28	128	1686
George, F. L., Jacksonville, Fla. "Franklin's 44 Tonic." (For a Liquid Tonic for the Cure of Chills, Fever, Colds, and La Grippe).....	13,553	May 21	128	1289
George Urban Milling Co., Buffalo, N. Y. "Delicatess." (For Flour).....	13,330	Jan. 22	126	1354
George W. Caswell Co., San Francisco, Cal. "Caswell's High Grade Coffee, Blue and Red Package." (For Coffee).....	13,563	May 28	128	1686
George W. Caswell Co., San Francisco, Cal. "Caswell's High Grade Coffee, Green and Red Package." (For Coffee).....	13,564	May 28	128	1686

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George W. Caswell Co., San Francisco, Cal. "Caswell's High Grade Coffee, Black and Orange Package." (For Coffee).....	13,565	May 28	128	1686
George W. Caswell Co., San Francisco, Cal. "Caswell's High Grade Coffee, Yellow and Blue Package." (For Coffee).....	13,566	May 28	128	1686
Gerstendorfer Bros., New York, N. Y. "Sapolin Decorators' Bronzing Liquid." (For a Bronzing Liquid).....	13,337	Jan. 29	126	1773
Gerstendorfer Bros., New York, N. Y. "Star Banana Bronzing Liquid." (For a Bronzing Liquid).....	13,338	Jan. 29	126	1773
Gerstendorfer Bros., New York, N. Y. "Our Favorite Enamel Bronzing Liquid." (For a Bronzing Liquid).....	13,339	Jan. 29	126	1773
Gerstendorfer Bros., New York, N. Y. "Radiator Bronzing Liquid." (For a Bronzing Liquid).....	13,340	Jan. 29	126	1773
Gillies & Co., Edwin J., New York, N. Y. "Good Health." (For Coffee).....	13,869	Nov. 12	131	689
Gnesin, Vladimir F., New York, N. Y. "Kremlin Russian Cigarettes M'fg by Vladimir F. Gnesin 'The Russian Store.'" (For Cigarettes).....	13,945	Dec. 24	131	2142
Ginseng Products Company, Delavan, Wis. "Ginseng." (For Beverages).....	13,376	Feb. 26	126	3420
Ginseng Products Company, Delavan, Wis. "Ginseng." (For Beverages).....	13,708	July 30	129	2072
Goldberg, Philip, New York, N. Y. "Candidate Club." (For Whisky).....	13,878	Nov. 19	131	939
Gordon Cigar & Cheroot Company, Inc., Richmond, Va. "Green Turtle." (For Cigars, Cheroots, and Tobacco).....	13,762	Aug. 27	129	3499
Gorman & Company Inc., Seattle, Wash. "Gorman's Square Deal." (For Red Salmon).....	13,679	July 23	129	1607
Gotham Lithographic Co., New York, N. Y. "Admiral." (For Beer).....	13,371	Feb. 19	126	3039
Grandfathers Cure Company, Mount Vernon, N. Y. "Voicelets." (For a Medicinal Compound).....	13,933	Dec. 17	131	1938
Grandfathers Cure Company, Mount Vernon, N. Y. "Liquid Voicelets." (For a Medicinal Compound).....	13,934	Dec. 17	131	1938
Grandmother's Mush Company, Marissa, Ill. "Mapleine an Imitation of Maple Syrup." (For Syrup Made to Imitate Maple-Syrup).....	13,721	Aug. 6	129	2498
Grasso, Paride, New York, N. Y. "Paride's Treasure." (For Medicine).....	13,325	Jan. 15	126	1062
Gray, William A., San Francisco, Cal. "Tiger Fat Salve." (For Salves).....	13,706	July 30	129	2072
Greenberg, Joseph, New York, N. Y. "White Star Water." (For Drinking-Water).....	13,900	Nov. 26	131	1159
Gross & Co., Kurwin S., Philadelphia, Pa. "The Ideal Liniment." (For a Liniment for Man and Beast).....	13,905	Nov. 26	131	1159
Grossman, Max, Peoria, Ill. "El Dora." (For Cigars).....	13,404	Mar. 19	127	1251
Grumbach, Theodore, Los Angeles, Cal. "Reina de Los Angeles." (For Wines and Brandies).....	13,524	May 7	128	453
Guttradt, Joseph, New York, N. Y. "Delightful." (For Scouring-Soap).....	13,960	Dec. 31	131	2415
H. E. Bucklen & Company, Chicago, Ill. "Electric Brand Bitters." (For Medicine).....	13,324	Jan. 15	126	1062
H. H. Hays Sons, Portland, Me. "Haymake Flexible Floor Finish." (For Paints).....	13,666	July 9	129	868
H. S. Chemical Co., Westville, Ind. "Hirsutol." (For a Hair-Tonic).....	13,690	July 23	129	1607
Haase-Schaid Cigar Co., St. Louis, Mo. "Uneeda Weeda." (For Cigars, Cheroots, Cigarettes, and Smoking-Tobacco).....	13,576	June 4	128	2083
Hahn, William H., Philadelphia, Pa. "American Maid." (For Macaroni).....	13,527	May 7	128	453
Hall, Amos C., Dr., Chicago, Ill. "Dr. Hall's Seven Wonders Candy for Coughs, Colds and Catarrh." (For a Medicated Confection).....	13,641	July 2	129	477
Hall, Amos C., Dr., Chicago, Ill. "Dr. Hall's Seven Wonders Candy for Coughs, Colds and Catarrh." (For a Medicated Confection).....	13,725	Aug. 6	129	2498
Hansen & Aagaard, Chicago, Ill. "Old Paster's Life Elixir." (For a Medicine).....	13,515	Apr. 30	127	3639
Hansen, Ferdinand, New York, N. Y. "Deep Sea Caviar." (For Caviar).....	13,311	Jan. 15	126	1062
Harris & Harris, Scranton, Pa. "Burn Salve." (For Ointments).....	13,399	Mar. 12	127	845
Harvey, N. O., Spokane, Wash. "Belmont Club." (For Catchup).....	13,405	Mar. 19	127	1251
Harwitz Distilling Co., R. St. Louis, Mo. "Kardos." (For a Beverage).....	13,614	June 18	128	2833
Haskell, Nelson D., Buffalo, N. Y. "Imperial Derma-Food." (For Massage-Cream).....	13,729	Aug. 6	129	2498
Hawthorne & Sheble Mfg. Co., Philadelphia, Pa. "Star Record." (For Records for Talking-Machines).....	13,401	Mar. 12	127	845
Hazeltine & Perkins Drug Company, Grand Rapids, Mich. "Canmalt." (For Whisky).....	13,474	Apr. 16	127	2814
Heinemann Brothers, Baltimore, Md. "Protection." (For Cigars).....	13,895	Nov. 26	131	1159
Henderson, John W., Red Mountain, Colo. "The Matchless Match." (For Matches).....	13,365	Feb. 12	126	2587
Henderson, Stutley I., West Allis, Wis. "Pineozone." (For a Medicinal Paste).....	13,327	Jan. 22	126	1354
Henderson, Stutley I., West Allis, Wis. "Airopine." (For a Medicinal Paste).....	13,495	Apr. 23	127	3213
Henschel & Co., A. C., Chicago, Ill. "La Cremeta." (For Cigars).....	13,635	July 2	129	477
Henschel & Co., A. C., Chicago, Ill. "La Marita." (For Cigars).....	13,636	July 2	129	477
Henschel & Co., A. C., Chicago, Ill. "Golden Harvest." (For Cigars).....	13,793	Sept. 17	130	975
Henschel & Co., A. C., Chicago, Ill. "La Buna." (For Cigars).....	13,924	Dec. 17	131	1938
Henschel & Co., A. C., Chicago, Ill. "La Posa." (For Cigars).....	13,925	Dec. 17	131	1938
Henschel & Co., A. C., Chicago, Ill. "La Fregata." (For Cigars).....	13,926	Dec. 17	131	1938
Henschel & Co., A. C., Chicago, Ill. "La Morenda." (For Cigars).....	13,927	Dec. 17	131	1938
Henschel Mfg. Co., C. B., Milwaukee, Wis. "White Ribbon." (For Cigars).....	13,560	May 28	128	1686
Henschel Mfg. Co., C. B., Milwaukee, Wis. "San Zeno." (For Cigars).....	13,633	July 2	129	477
Henschel Mfg. Co., C. B., Milwaukee, Wis. "Red Band." (For Cigars).....	13,914	Dec. 10	131	1684
Hermes, Francis J., New York, N. Y. "Dr. Gottlieb Hermes' Universal Pills." (For Pills).....	13,707	July 30	129	2072
Hills Brothers Company, New York, N. Y. "Teddy Bear Selected Dates." (For Dates).....	13,834	Oct. 15	130	2064
Hinckley, John S., Westerly, R. I. "Coldyettes." (For Medicated Candy or Cough-Drops).....	13,802	Sept. 17	130	975
Hochstadter, Sigmund, New York, N. Y. "Buchu Gin." (For Gin).....	13,600	June 11	128	2527
Hogue, Albert F., Lowell, Mass. "Ma's Favorite." (For Starch).....	13,464	Apr. 9	127	2392
Hokias & Son, Henry, Peoria, Ill. "Juan Marco." (For Cigars).....	13,649	July 9	129	868
Holmes Knitting Co., Malden, Mass. "Yale." (For Underwear).....	13,347	Feb. 5	126	2187
Home Brewing & Ice Co., Joplin, Mo. "Hombrew." (For Beer).....	13,896	Nov. 26	131	1159
Home Brewing & Ice Co., Joplin, Mo. "Ido." (For a Beverage).....	13,899	Nov. 26	131	1159
Home Brewing & Ice Co., Joplin, Mo. "Home Malt Tonic." (For a Malt Beverage).....	13,909	Dec. 3	131	1418
Home Laboratories, Mankato, Minn. "Cuttle's Anti-Shrink Compound for Woolens." (For a Compound for Woolens).....	13,712	July 30	129	2072
Hoops Tea Company, Chicago, Ill. "Spring Leaf Tea." (For Tea).....	13,836	Oct. 22	130	2369
Horlacher, Fred H., Allentown, Pa. "Horlacher 9 Months Old." (For Beer).....	13,852	Nov. 5	131	357
Hosler, John W., Chicago, Ill. "Curzon Complexion Cream." (For Complexion Cream or Paste).....	13,358	Feb. 12	126	2587
Hower, Leopold, Rome, N. Y. "Morning Dawn." (For Canned Vegetables).....	13,676	July 16	129	1265
Hueber, Frank, Cleveland, Ohio. "Banquet Cake." (For Cake).....	13,406	Mar. 19	127	1251
Hughel, Clarence, Indianapolis, Ind. "Dander-Off." (For a Hair-Tonic and Dandruff Cure).....	13,328	Jan. 22	126	1354
Hungarian American Trading Co., New York, N. Y. "Tulip Paprika." (For Red Pepper).....	13,731	Aug. 6	129	2498
Hutchinson, Charles R., Springfield, Mass. "3 In One Soap." (For Soap).....	13,408	Mar. 19	127	1251
Imperial Pharmaceutical Co., New York, N. Y. "Amosal." (For a Proprietary Medicine).....	13,880	Feb. 26	126	3420
Ingmand, Harriet A., Denver, Colo. "Oriental Ointment." (For a Medicinal Ointment).....	13,705	July 30	129	2072
Isaacs, Harry A., Chicago, Ill. "Sunflower Club." (For Cigars).....	13,735	Aug. 13	129	2856
J. C. Hubinger Bros. Co., New Haven, Conn. "Pop's Corn Starch." (For Corn-Starch).....	13,581	June 4	128	2083
J. C. Hubinger Bros. Co., New Haven, Conn. "Rainbow Starch." (For Laundry Starch).....	13,664	July 9	129	868
Jackson, Salo J., New York, N. Y. "Miladies Petticoats." (For Ladies' and Misses' Petticoats and Skirts).....	13,750	Aug. 13	129	2856
Jacob & Brown, New York, N. Y. "Presto Buckle." (For Buckles).....	13,667	July 9	129	868
James Heekin Co., Cincinnati, Ohio. "Guaranteed Coffee." (For Coffee).....	13,638	July 2	129	477

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James Heekin Co., Cincinnati, Ohio. "Fortune Teller Coffee." (For Coffee).....	13,849	Nov. 5	131	357
James & Hug, San Francisco, Cal. "J. & H. Cup Quality." (For Roasted Coffee).....	13,843	Oct. 29	130	2716
James S. Kirk & Company, Chicago, Ill. "Teddy Bear." (For Toilet Soap).....	13,747	Aug. 13	129	2856
Jarvis, Harry C., Baltimore, Md. "Jarvis' Vitality Cocktail." (For Cocktails).....	13,578	June 4	128	2083
John Gund Brewing Company, La Crosse, Wis. "Pioneer." (For Lager-Beer).....	13,473	Apr. 16	127	2814
John Hoberg Co., Green Bay, Wis. "Snow-Drift." (For Tissue).....	13,593	June 4	128	2083
John Hoberg Co., Green Bay, Wis. "White Rabbit." (For Toilet-Tissue).....	13,594	June 4	128	2083
John Hoberg Co., Green Bay, Wis. "Myomy." (For Toilet-Tissue).....	13,595	June 4	128	2083
John Hoberg Co., Green Bay, Wis. "Useeit." (For Toilet-Paper).....	13,596	June 4	128	2083
Johnston, J. C., Chicago, Ill. "El Orihena." (For Cigars).....	13,455	Apr. 9	127	2392
Johnston, James C., Chicago, Ill. "Fort Dear-Born." (For Whisky).....	13,930	Dec. 17	131	1938
Jones, Elizabeth B., Concord Junction, Mass. "The Sign of the Kettle." (For Candies).....	13,519	Apr. 30	127	3639
Jones Payne Hat Co., St. Joseph, Mo. "Continent Brand." (For Hats).....	13,466	Apr. 9	127	2392
Jordan, Linwood F., Portland, Me. "Little Sweet Heart Pepsin Gum." (For Chewing-Gum).....	13,351	Feb. 12	126	2587
Jordan, Linwood F., Portland, Me. "Little Sweet Heart Pepsin Gum." (For Chewing-Gum).....	13,352	Feb. 12	126	2587
Joseph Junk Brewing Company, Chicago, Ill. "Bright Spot." (For Beer).....	13,623	June 25	128	3285
Kaiser, Chas. F., New York, N. Y. "St. Elmo." (For Cigars).....	13,915	Dec. 10	131	1684
Karimon Coffee Co., Philadelphia, Pa. "Karimon Coffee." (For Coffee).....	13,717	Aug. 6	129	2498
Karlen Mfg. Co., Minneapolis, Minn. "Karlen's Keystone Scalp Massage and Shampoo." (For a Scalp Preparation).....	13,478	Apr. 16	127	2814
Katz, Ignatz, Yonkers, N. Y. "Jerusalem Herbs." (For Medicine).....	13,755	Aug. 20	129	3158
Keagy, Rudolph H., Canton, Ohio. "Lion Washing Powder." (For Washing-Powder).....	13,426	Mar. 26	127	1576
Kent, May W., Chicago, Ill. "Purity Bath." (For a Toilet Deodorant).....	13,863	Nov. 5	131	357
Kerns, Delia. (See Kerns, Helen and D.).....				
Kerns, Helen and D., New York, N. Y. "Helen's Famous Lotion." (For Hair-Lotion).....	13,745	Aug. 13	129	2856
Keyer, Louis W., Dayton, Ohio. "Alvaro." (For Cigars).....	13,367	Feb. 19	126	3039
Keyer, Louis W., Dayton, Ohio. "Old Colony." (For Cigars).....	13,504	Apr. 30	127	3639
Keyer, Louis W., Dayton, Ohio. "El Bario." (For Cigars).....	13,505	Apr. 30	127	3639
Kirkland & Co., Elmer E., Binghamton, N. Y. "Sinn Fein." (For Cigars).....	13,954	Dec. 31	131	2415
Kittanning Brewing Co., Kittanning, Pa. "K. B. C. Bohemian." (For Beer).....	13,509	Apr. 30	127	3639
Klausmann Brewery Branch of the St. Louis Brewing Association, St. Louis, Mo. "Hop Bud." (For Beer).....	13,350	Feb. 12	126	2587
Klausmann Brewery Branch of the St. Louis Brewing Association, St. Louis, Mo. "Hop Brand." (For Beer).....	13,686	July 23	129	1607
Klein, Robert, Danville, Ill. "Joe Cannon." (For Cigars).....	13,761	Aug. 27	129	3499
Knight, Thomas J., San Antonio, Tex. "The No Equal Toilet Preparation." (For a Toilet Preparation).....	13,663	July 9	129	868
Koelle-Mueller Label Co., St. Louis, Mo. "Si Perkins." (For Cigars).....	13,427	Apr. 2	127	1990
Koppel, Sophie, New York, N. Y. "Growdina." (For Medicine).....	13,409	Mar. 19	127	1251
Korach & Co., E. J., Cleveland, Ohio. "Searchlight Garment." (For Women's, Ladies', Misses', and Children's Garments).....	13,622	June 18	128	2833
Kornahrens, Tohanna, Charleston, S. C. "Golden Gate Ginger Ale." (For Ginger-Ale).....	13,532	May 14	128	883
Kort, Samuel, Pittsburg, Pa. "Uncle Sam's Cones." (For Ice-Cream Cones).....	13,520	Apr. 30	127	3639
Kulman, O. S., Savannah, Ga. "Hercules." (For Lamp-Chimneys).....	13,692	July 23	129	1607
L. Cohen & Son Company, Pittsburg, Pa. "Superb Tonic." (For a Beverage or Mineral Water).....	13,720	Aug. 6	129	2498
Lakewood Pine Co., Jersey City, N. J. "Pinzone." (For a Medicinal Preparation).....	13,363	Feb. 12	126	2587
Las Dos Naciones Cigar Co., Nogales, Ariz. Ter. "Las Dos Naciones." (For Cigars).....	13,486	Apr. 23	127	3213
Leaman, A. Warburg, Denver, Colo. "Hydrona." (For a Complexion-Powder).....	13,813	Oct. 1	130	1481
Leavenworth Milling Company, Leavenworth, Kans. "Eminence High Patent." (For Wheat-Flour).....	13,920	Dec. 10	131	1684
Lee Broom & Duster Company, Lincoln, Nebr. "Oriental." (For Brooms).....	13,605	June 11	128	2527
Lee Broom & Duster Company, Lincoln, Nebr. "Oriental." (For Brooms).....	13,606	June 11	128	2527
Leib, Alfa R., Elkhart, Ind. "Perspire." (For Toilet Powder).....	13,803	Sept. 17	130	975
Leonard Baking Company, Chicago, Ill. "Cottage Bread." (For Bread).....	13,516	Apr. 30	127	3639
Levey, Harry, New York, N. Y. "Levey Americas Greatest Cleanser and Dyer." (For a Fluid Cleaning Compound).....	13,544	May 14	128	883
Lewkowicz, I. H., Sharon, Pa. "Dr. I. H. Lewko's Antiseptic Tooth Powder." (For Tooth-Powder).....	13,889	Nov. 19	131	939
Lewkowicz, I. H., Sharon, Pa. "Dr. I. H. Lewko's Antiseptic Tooth Paste." (For Tooth-Paste).....	13,890	Nov. 19	131	939
Lewkowicz, I. H., Sharon, Pa. "Dr. I. H. Lewko's Antiseptic Tooth Wash." (For a Tooth-Wash Preparation).....	13,891	Nov. 19	131	939
Lexington Brewing Company, Lexington, Ky. "Alt Heidelberg Bräu." (For Beer).....	13,377	Feb. 26	126	3420
Lipton, Thomas J., New York, N. Y. "Lipton's Gossip Blend Kaffee-Klatsch Coffee." (For Coffee).....	13,370	Feb. 19	126	3039
Louisiana Molasses Co. Ltd., New Orleans, La. "Iwanit." (For Cane-Juice).....	13,737	Aug. 13	129	2856
Louisiana Molasses Co. Ltd., New Orleans, La. "Sweetheart Brand." (For Canned Syrup).....	13,765	Aug. 27	129	3499
Lovegran, Godfrey T., Rockford, Ill. "Enbärsöl." (For a Tonic Beverage).....	13,832	Oct. 15	130	2064
Loveless, Samuel E., Chicago, Ill. "Pan-Dandy." (For Bread).....	13,526	May 7	128	453
Lowney Co., Walter M., Boston, Mass. "Lowney's Assorted Chocolates." (For Confectionery).....	13,535	May 14	128	883
Lowney Co., Walter M., Boston, Mass. "Lowney's Assorted Chocolates." (For Confectionery).....	13,537	May 14	128	883
Lowney Co., Walter M., Boston, Mass. "Lowney's Assorted Chocolates." (For Confectionery).....	13,538	May 14	128	883
Lutz, Gustav A., Los Angeles, Cal. "Elk Brand." (For Shoes).....	13,841	Oct. 22	130	2369
Lydia E. Pinkham Medicine Co., Lynn, Mass. "Lydia E. Pinkham's Vegetable Compound." (For Medicine).....	13,432	Apr. 2	127	1990
Lydia E. Pinkham Medicine Co., Lynn, Mass. "Lydia E. Pinkham's Vegetable Compound." (For Medicine).....	13,433	Apr. 2	127	1990
Lydia E. Pinkham Medicine Company, Lynn, Mass. "Lydia E. Pinkham's Blood Purifier." (For Medical Compounds for the Purification of the Blood).....	13,569	May 28	128	1686
Lydia E. Pinkham Medicine Company, Lynn, Mass. "Lydia E. Pinkham's Blood Purifier." (For Medical Compounds for the Purification of the Blood).....	13,570	May 28	128	1686
Lydia E. Pinkham Medicine Co., Saco, Me., and Lynn, Mass. "Lydia E. Pinkham's Sanative Wash." (For Medical Preparations for Women's Use).....	13,935	Dec. 17	131	1938
Mack, Heinrich, Ulm, Germany. "Mira." (For Perfumery).....	13,689	July 23	129	1607
Mack, Robert, Minden, Nebr. "Little Hl." (For Cigars).....	13,734	Aug. 13	129	2856
Mahon, John M., Pittsburg, Pa. "Mack Mahon's Diamond Back Oil." (For Medicinal Oil).....	13,904	Nov. 26	131	1159
Manahan, Joseph A., New York, N. Y. "Recordite." (For a Preparation for Cleaning, Preserving, Polishing, and Lubricating Disk Talking-Machine Records).....	13,383	Feb. 26	126	3420
Manahan, Joseph A., New York, N. Y. "Recordol." (For Cleaning, Preserving, Polishing, and Lubricating Preparation).....	13,402	Mar. 12	127	845
Mandeville & King Co., Rochester, N. Y. "Superior Flower Seeds." (For Flower-Seeds).....	13,374	Feb. 19	126	3039
Manomet Cranberry Co., Manomet, Mass. "Late Reds." (For Cranberries).....	13,680	July 23	129	1607
Manomet Cranberry Co., Manomet, Mass. "Bugles." (For Cranberries).....	13,681	July 23	129	1607
Manomet Cranberry Co., Manomet, Mass. "Late Blacks." (For Cranberries).....	13,682	July 23	129	1607
Manomet Cranberry Co., Manomet, Mass. "Early Blacks." (For Cranberries).....	13,683	July 23	129	1607
Manomet Cranberry Co., Manomet, Mass. "Early Reds." (For Cranberries).....	13,684	July 23	129	1607
Manomet Cranberry Co., Manomet, Mass. "Howes." (For Cranberries).....	13,685	July 23	129	1607

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Martin & Nurre, Blair, Nebr. "Ak-Sar-Ben." (For Canned Sugar-Corn).....	13,799	Sept. 17	130	975
Martinez, Pedro P., Dallas, Tex. "Mexican Commerce." (For Cigars).....	13,871	Nov. 2	131	689
Marvello Co., Leominster, Mass. "Marvello." (For a Medicine).....	13,589	June 4	128	2083
Mayer, Max, New York, N. Y. "Little Beauty." (For Babies' Head-Gear).....	13,760	Aug. 20	129	3158
McCann, Elizabeth T., New York, N. Y. "Madame Elise Inimitable Perfection Skin Food." (For Massage-Cream).....	13,773	Sept. 3	130	297
McGregor, Ringling R., Dr., Waco, Tex. "Eucathol." (For a Medicinal Preparation).....	13,726	Aug. 6	129	2498
McIntosh, C. A., Galt, Ontario, Canada. "Magicure." (For Ointment for Stock).....	13,585	June 4	128	2083
McKay, Thomas A., Bisbee, N. D. "McKay's King of Oils." (For a Medical Composition).....	13,461	Apr. 9	127	2392
McLean Cigar Mfg. Co., Minneapolis, Minn. "La Imperiale Bouquet." (For Cigars).....	13,944	Dec. 24	131	2142
Means, William B., Lebanon, Pa. "Dr. Means Pills." (For Pills).....	13,910	Dec. 3	131	1418
Meinhard, Schaul and Co., Savannah, Ga. "Pay Car Overalls." (For Overalls).....	13,558	May 21	128	1289
Mendel, Louis, Philadelphia, Pa. "Louvre Glanz." (For Liquid for Finishing, Restoring, and Preventing the Cracking of Oil Paintings).....	13,482	Apr. 16	127	2814
Mentholum Co., Wichita, Kans. "Mentholum." (For an External Remedy for the Relief of All Inflammations).....	13,620	June 18	128	2833
Mentholum Company, Wichita, Kans., and Buffalo, N. Y. "Mentholum." (For a Salve).....	13,903	Nov. 26	131	1159
Michael Drug Co., New York, N. Y. "Clean-O Shampoo." (For a Shampoo Preparation).....	13,807	Sept. 24	130	1307
Michigan Soap Works, Detroit, Mich. "Chinese." (For Soap).....	13,387	Mar. 5	127	390
Minneapolis Brewing Company, Minneapolis, Minn. "Zumalweiss." (For Beer).....	13,929	Dec. 17	131	1938
Montague, John L. O., Christianburg, Va. "Virginia Cured' Brand Hams and Bacon Dressed Meats." (For Hams, Bacon, and Dressed Meats).....	13,463	Apr. 9	127	2392
Montague, Joseph, Buffalo, N. Y. "Monty Krysto." (For a Preparation for the Hair).....	13,952	Dec. 24	131	2142
Moore, Luther E., Chicago, Ill. "Asthmaol." (For a Medicinal Preparation).....	13,590	June 4	128	2083
Moore, Luther E., Chicago, Ill. "Asthma Oil Black." (For a Medicinal Preparation).....	13,703	July 30	129	2072
Moore, Luther E., Chicago, Ill. "Asthma Oil Drops." (For a Medicinal Preparation).....	13,704	July 30	129	2072
Mosco Mfg. Co., Union, N. J. "Vevo." (For Massage-Cream).....	13,582	June 4	128	2083
Mosebach, F. A., New York, N. Y. "Mrs. M. G. Brown's Poor Richard Eye Water." (For an Eye-Water).....	13,617	June 18	128	2833
Mueller, Louis, Chicago, Ill. "Schiller." (For Cigars).....	13,506	Apr. 30	127	3639
Mumm & Co., G. H., Rheims, France. "Cordon Rouge." (For Champagne-Wine).....	13,315	Jan. 15	126	1062
Mumm & Co., G. H., Rheims, France. "Cordon Rouge, G. H. Mumm & Co." (For Champagne-Wine).....	13,316	Jan. 15	126	1062
Munson, James G., San Jose, Cal. "Munson's Ye-Ti-Va Remedy." (For Medicine).....	13,959	Dec. 31	131	2415
Mutual Union Brewing Company, Pittsburg and Aliquippa, Pa. "Pennsy Select Beer." (For Beer).....	13,830	Oct. 15	130	2064
Mutual Union Brewing Company, Pittsburg and Aliquippa, Pa. "Aliquippa Export Beer." (For Beer).....	13,831	Oct. 15	130	2064
Myers, Frank S., Detroit, Mich. "Myers' Pa-Pay-A Tablets." (For Medicine).....	13,410	Mar. 19	127	1251
Nachtigall, John, Cleveland, Ohio. "Tonsillol." (For Medicine).....	13,397	Mar. 12	127	845
National Candy Company, St. Louis, Mo. "The Debutante." (For Candy).....	13,701	July 30	129	2072
National Candy Company, St. Louis, Mo. "Canoe Girl." (For Candy).....	13,702	July 30	129	2072
National Chemical Company, Caney, Kans. "Barne's Croup Grease." (For a Remedy for Croup).....	13,483	Apr. 16	127	2814
National Malterine Company, New York, N. Y. "Native Purity." (For Pure Bread Extract).....	13,637	July 2	129	477
Nealy, Louis H., Liberty, N. Y. "Klim." (For a Nourishing Beverage).....	13,719	Aug. 6	129	2498
Newark Billiard Ball & Mfg. Co., Newark, N. J. "The Grote Billiard Balls." (For Billiard-Balls).....	13,962	Dec. 31	131	2415
Newark Billiard Ball & Mfg. Co., Newark, N. J. "The New Grote Pool Balls." (For Pool-Balls).....	13,963	Dec. 31	131	2415
Newcomer, D. M., Hanover, Pa. "D. McG. Newcomer." (For Cigars).....	13,612	June 18	128	2833
Newman Clock Co., Wawarsing, N. Y., and Chicago, Ill. "Watch." (For Time-Recorders, Watches, and Clocks).....	13,414	Mar. 19	127	1251
Newman Clock Co., Wawarsing, N. Y., and Chicago, Ill. "Accurate Recorders." (For Time-Recorders, Watches, and Clocks).....	13,415	Mar. 19	127	1251
Nichols, Elbert H., Liberty, N. Y. "Clean-All." (For a Preparation for the Removal of Dirt and Grease from Cloth).....	13,938	Dec. 17	131	1938
Nichols, Francis E., Leominster, Mass. "The Comb Makers." (For Cigars).....	13,907	Dec. 3	131	1418
Non-Such Pure Food Company, Atlanta, Ga. "Non-Such." (For Punch).....	13,598	June 11	128	2527
Non-Such Pure Food Company, Atlanta, Ga. "Non-Such." (For Ginger-Ale).....	13,599	June 11	128	2527
Nooksack Valley Condensed Milk Company, Everson, Wash. "Jersey Queen." (For Condensed Milk).....	13,772	Sept. 3	130	297
Northwestern Provision Company, Philadelphia, Pa. "Elk Brand." (For Meats).....	13,696	July 30	129	2072
O. L. Schwencke Litho Co., New York, N. Y. "Compliments of the Season." (For Cigars).....	13,751	Aug. 20	129	3158
O. L. Schwencke Lithographic Co., New York, N. Y. "El Inspiro." (For Cigars).....	13,392	Mar. 12	127	845
O. L. Schwencke Lithographic Co., New York, N. Y. "La Ulteza." (For Cigars).....	13,393	Mar. 12	127	845
O. L. Schwencke Lithographic Co., New York, N. Y. "Rexalos." (For Cigars).....	13,394	Mar. 12	127	845
O. L. Schwencke Lithographic Co., New York, N. Y. "Just Right." (For Cigars).....	13,416	Mar. 26	127	1576
O. L. Schwencke Lithographic Co., New York, N. Y. "Orela." (For Cigars).....	13,417	Mar. 26	127	1576
O. L. Schwencke Lithographic Co., New York, N. Y. "Good Luck." (For Cigars).....	13,418	Mar. 26	127	1576
O. L. Schwencke Lithographic Co., New York, N. Y. "Prize Elk." (For Cigars).....	13,916	Dec. 10	131	1684
O. L. Schwencke Lithographic Co., New York, N. Y. "Great American." (For Cigars).....	13,917	Dec. 10	131	1684
O. L. Schwencke Lithographic Co., New York, N. Y. "Princesa." (For Cigars).....	13,918	Dec. 10	131	1684
O'Brien, J. F., New York, N. Y. "Dick's Diamond Dust." (For Polishing-Powders).....	13,937	Dec. 17	131	1938
O'Brien, John H. S., Brooklyn, N. Y. "Cutisol." (For an Ointment).....	13,305	Jan. 8	126	755
Oklahoma Coffee Co., Oklahoma, Okla. Ter. "New State Brand Coffee." (For Coffee).....	13,736	Aug. 13	129	2856
Old Town Distilling Co., Baltimore, Md. "Lehigh Valley Club Whiskey." (For Whisky).....	13,378	Feb. 26	126	3420
Ortega, Emile C., Los Angeles, Cal. "Ortega's Selected Peeled Green Chiles." (For Peeled Green Chilies).....	13,881	Nov. 19	131	939
Ostergren, Christian, Waverley, Mass. "Strax." (For an Antiseptic).....	13,730	Aug. 6	129	2498
Palatone Bottling Co., New York, N. Y. "Palatone." (For a Soft Beverage).....	13,653	July 9	129	868
Paragon Malt Extract Co., New York, N. Y. "General v Moltke." (For Malt Extract).....	13,754	Aug. 20	129	3158
Park & Tilford, New York, N. Y. "P. & T. English Breakfast Tea." (For English Breakfast-Tea).....	13,307	Jan. 15	126	1062
Park & Tilford, New York, N. Y. "P. & T. Orange Pekoe Ceylon Tea." (For Orange Pekoe Ceylon Tea).....	13,308	Jan. 15	126	1062
Park & Tilford, New York, N. Y. "P. & T. Formosa Oolong Tea." (For Formosa Oolong Tea).....	13,309	Jan. 15	126	1062
Park & Tilford, New York, N. Y. "Mi Novia." (For Cigars).....	13,487	Apr. 23	127	3213
Park & Tilford, New York, N. Y. "Mi Novia." (For Cigars).....	13,488	Apr. 23	127	3213
Parker-Blake Co. Ltd., New Orleans, La. "Annandale Rye." (For Whisky).....	13,601	June 11	128	2527
Patterson Sargent Co., Cleveland, Ohio. "A Good Thing Look Into It." (For Paints).....	13,693	July 23	129	1607
Patton, Joseph S., South Boise, Idaho. "Hy-Aifa." (For Hair Discovery).....	13,321	Jan. 15	126	1062
Patton, Joseph S., South Boise, Idaho. "Red-Moon." (For an Eye-Tonic).....	13,768	Aug. 27	129	3499
Patton Milling Co., Catlettsburg, Ky. "Union Maid." (For Flour).....	13,430	Apr. 2	127	1990
Paul, William J., Pittsburg, Pa. "Original Jolly Fellows Pepsin Gum." (For Chewing-Gum).....	13,883	Nov. 19	131	939
Payette & Agnew, Plattsburg, N. Y. "Dr. J. O. Lambert's Anti-Consumptive Syrup." (For a Medicinal Compound).....	13,362	Feb. 12	126	2587
Payne & Co., Geo. E., Augusta, Ga. "Palmetto Corn." (For Corn Whisky).....	13,650	July 9	129	868
Payne & Co., Geo. E., Augusta, Ga. "Palmetto Rye." (For Rye Whisky).....	13,651	July 9	129	868

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Pecora Paint Co. S. Rowen's Sons Successor, Philadelphia, Pa. "Pecora Cuticle Enamel." (For Enamel for Exterior and Interior Work).....	13,555	May 21	128	1289
Penn Drug Company, Philadelphia, Pa. "Am-or-ou-." (For a Proprietary Medical Remedy)...	13,591	June 4	128	2083
Penn Tobacco Company, Wilkes-Barre, Pa. "Penn's High Grade Smoking and Chewing Tobacco." (For Smoking and Chewing Tobacco).....	13,770	Sept. 3	130	297
Penn Tobacco Company, Wilkes-Barre, Pa. "Duco Smoking and Chewing Tobacco." (For Smoking and Chewing Tobacco).....	13,771	Sept. 3	130	297
Perrin, C. A., Helena, Mont. "Dr. Perrin's Grippe, Cold, and Pneumonia Cure." (For Medicine).....	13,588	June 4	128	2083
Peter, August, Peoria, Ill. "Peter's Nutro Bread." (For Bread).....	13,517	Apr. 30	127	3639
Ph. Kassel Co., New York, N. Y. "People's." (For Cigarettes).....	13,489	Apr. 23	127	3213
Philippa, W. J., Corning, Iowa. "Tom and Jerry." (For Cigars).....	13,634	July 2	129	477
Phillips, L. Z., Memphis, Tenn. "Phillips' Great Wahoo." (For Medicine).....	13,496	Apr. 23	127	3213
Physicians Chemical and Drug Company, Denver, Colo. "G. M. P." (For Medical and Surgical Purposes).....	13,661	July 9	129	868
Piekenbrock & Sons, E. B., Dubuque, Iowa. "Collegian." (For Shoes for Men).....	13,953	Dec. 24	131	2142
Pinkham, Francis C., New York, N. Y. "Delaware Standard Damask." (For Damasks).....	13,792	Sept. 10	130	653
Place, E. W., Alfred, N. Y. "Perfection Peanut Butter." (For Peanut-Butter).....	13,675	July 16	129	1265
Plymouth Rock Gelatine Co., Boston and Brighton, Mass. "Plymouth Rock Coffee Jelly Compound." (For Coffee Jelly Compound).....	13,429	Apr. 2	127	1990
Portland Chemical Co., Portland, Oreg. "Balm Embalming Fluid." (For an Embalming Fluid).....	13,554	May 21	128	1289
Pratt Food Co., Philadelphia, Pa. "Pratt's Liquid Spavin Remedy." (For a Liquid Spavin Remedy).....	13,744	Aug 13	129	2856
Presto Mfg. Co., Council Bluffs, Iowa. "Presto." (For a Silver-Cleaner).....	13,867	Nov. 5	131	357
Pritchard, Edgar D., Pittsfield, Mass. "The Berkshire Shoe." (For Shoes for Men, Women, Boys, and Girls).....	13,373	Feb. 19	126	3039
Pur-it-is Mfg. Co., Cleveland, Ohio. "Pur-It-Is Toilet Water." (For Toilet Water).....	13,510	Apr. 30	127	3639
Purita Co., A. C. H., Buffalo, N. Y. "A. C. Hynd's Antiseptic Skin Tonic." (For an Antiseptic Tonic).....	13,790	Sept. 10	130	653
Purita Co., A. C. H., Buffalo, N. Y. "Purita Never-Grey Hair Tonic." (For Hair-Tonic).....	13,888	Nov. 19	131	939
Pyrronol Co., Chicago, Ill. "Pyrronol." (For Mouth-Wash).....	13,396	Mar. 12	127	845
Rahayel, Chas., New York, N. Y. "Trocadero Parisian Cologne." (For Cologne).....	13,776	Sept. 3	130	297
Rahayel, Chas., New York, N. Y. "Bouquet au Lilac de France." (For Cologne).....	13,806	Sept. 24	130	1307
Raymond S. Bottling Co., Fall River, Mass. "New England Washing & Bleaching Water." (For a Bleaching Liquid).....	13,791	Sept. 10	130	653
Reusch, Julius, Lincoln, Nebr. "Night Cap Whiskey." (For Whisky).....	13,508	Apr. 30	127	3639
Reynolds & Lehr, Baltimore, Md. "Professional Tooth Paste." (For Tooth-Paste).....	13,616	June 18	128	2833
Richardson, R. J., Fullerton, Cal. "Pilgrim Brand." (For Citrus Fruits).....	13,625	June 25	128	3285
Riverside Chemical Co. Inc., North Tonawanda, N. Y. "Water-Proof Harness Dressing." (For a Dressing for Harness, Leather, and Carriage-Tops).....	13,691	July 23	129	1607
Robert G. Thomas & Son Company, New York, N. Y. "Sacred Lily Ceylon Tea." (For Tea).....	13,655	July 9	129	868
Robert Hamilton & Son Incorporated, Philadelphia, Pa. "Dux Soap." (For Soap for the Complexion and Bath).....	13,530	May 7	128	453
Roberts & Co., Thomas, Philadelphia, Pa. "Pure Food Brand Tomatoes." (For Canned Tomatoes).....	13,354	Feb. 12	126	2587
Roberts & Co., Thomas, Philadelphia, Pa. "Pure Food Brand Garden Grown Sifted Pease." (For Canned Peas).....	13,355	Feb. 12	126	2587
Roberts & Co., Thomas, Philadelphia, Pa. "Pure Food Brand Extra Fancy Cream Sugar Corn." (For Canned Corn).....	13,356	Feb. 12	126	2587
Roberts, Johnson & Rand Shoe Co., St. Louis, Mo. "Star Brand Shoes are Better." (For Shoes).....	13,677	July 16	129	1265
Roberts, M. J., Columbus, Ohio. "Rosilgo." (For Cleaning Compound).....	13,434	Apr. 2	127	1990
Roth, Martin, Washington, D. C. "Birdwood Rye." (For Whisky).....	13,908	Dec. 3	131	1418
Royal Pure Food Co., (Inc.) New York, N. Y., and Passaic, N. J. "Royal Jelly Powder." (For Jelly-Powder).....	13,837	Oct. 22	130	2369
Royal Pure Food Co., Passaic, N. J., and New York, N. Y. "Royal Cake Icing." (For Cake-Icing).....	13,957	Dec. 31	131	2415
Royal Tea Company, Chicago, Ill. "Royal Tea Company." (For Teas, Spices, Extracts, Baking-Powder, and Coffees).....	13,310	Jan. 15	126	1062
Ruegg, John J., Clifton, N. J. "Lava—A Remedy for All Tree and Plant Diseases." (For Plant-Fertilizers).....	13,331	Jan. 22	126	1354
Ruegg, John J., Clifton, N. J. "Lava Salt-Herbs." (For Preparation of Meats and Vegetable Soups).....	13,844	Oct. 29	130	2716
Ruegg, John J., Clifton, N. J. "Lava Tea." (For a Preparation for the Nerves and Brain).....	13,862	Nov. 5	131	357
Ruegg, John J., Clifton, N. J. "Lava Soup." (For a Remedy in Stomach Troubles).....	13,874	Nov. 12	131	689
Runkel Brothers, Incorporated, New York, N. Y. "Choco-Sodo." (For Hot Chocolate).....	13,879	Nov. 19	131	939
Russian Caviar Company, New York, N. Y. "Romanoff Caviar." (For Caviar).....	13,312	Jan. 15	126	1062
Russian Caviar Company, New York, N. Y. "Romanoff Caviar." (For Caviar).....	13,313	Jan. 15	126	1062
Rust, Edwin G., Primghar, Iowa. "Rust's Sulphur Oil." (For Remedies for Cuts, Bruises, and Bites of Insects).....	13,660	July 9	129	868
S. Schmidt & Co., New York, N. Y. "Fine Rollmops." (For Fish Prepared for the Market).....	13,812	Oct. 1	130	1481
Sachs & Co., New York, N. Y. "The Star." (For an Insecticide).....	13,758	Aug. 20	129	3158
Sachs & Co., New York, N. Y. "The Star." (For Insecticide).....	13,769	Aug. 27	129	3499
Sanroc Springs Co., Chicago, Ill. "Sanroc Natural Mineral Water." (For Natural Mineral Water).....	13,531	May 14	128	883
Saums, Geo. W., Plainfield, N. J. "None Such Furniture & Floor Polish." (For a Polish for Furniture and Floors).....	13,912	Dec. 3	131	1418
Sawyer Crystal Blue Company, Boston, Mass. "Sawyer's Crystal Sheet Bluing for the Laundry." (For Washing-Blue).....	13,346	Feb. 5	126	2187
Scanga, Joseph G., Pittsburg, Pa. "Sigari Scanga." (For Stogies and Cigars).....	13,819	Oct. 8	130	1686
Schaar, Charles L., Chicago, Ill. "Costs-Analysis." (For Loose-Leaf Books).....	13,804	Sept. 17	130	975
Schaefer, Elsa, Chicago, Ill. "Bedford English Silver Polish." (For a Silver-Polish).....	13,711	July 30	129	2072
Schemm, Peter A., Philadelphia, Pa. "Schemm's Standard Dark Lager Beer." (For Beer).....	13,492	Apr. 23	127	3213
Schemm, Peter A., Philadelphia, Pa. "Schemm's Standard Light Lager Beer." (For Beer).....	13,493	Apr. 23	127	3213
Scherman & Co., J., Chicago, Ill. "Scherman's Egg Shampoo." (For a Shampoo).....	13,359	Feb. 12	126	2587
Scherman & Co., J., Chicago, Ill. "Scherman's Liquid Shampoo." (For a Liquid Shampoo).....	13,360	Feb. 12	126	2587
Schimelfenig, I. Clarence, Chicago, Ill. "Katarol." (For a Medicinal Preparation).....	13,845	Oct. 29	130	2716
Schmid Mfg. Co., G. W., Carthage, N. Y. "Schmid Brothers Cough Drops." (For Cough-Drops).....	13,688	July 23	129	1607
Schmidt & Co., New York, N. Y. "Lincks." (For Cigars).....	13,349	Feb. 12	126	2587
Schmidt & Co., New York, N. Y. "Turk Kings." (For Cigars).....	13,375	Feb. 26	126	3420
Schmidt & Co., New York, N. Y. "La Sano." (For Cigars).....	13,818	Oct. 8	130	1686
Schmidt & Co., New York, N. Y. "Preferito." (For Cigars).....	13,855	Nov. 5	131	357
Schmidt & Co., New York, N. Y. "Compliments of the Season." (For Cigars).....	13,856	Nov. 5	131	357
Schmidt & Co., New York, N. Y. "Purrello." (For Cigars).....	13,857	Nov. 5	131	357
Schmidt & Co., New York, N. Y. "Volumo." (For Cigars).....	13,858	Nov. 5	131	357
Schmidt & Co., New York, N. Y. "El-Ko." (For Cigars).....	13,859	Nov. 5	131	357
Schmidt & Co., New York, N. Y. "Palace Bouquet." (For Cigars).....	13,860	Nov. 5	131	357
Schmidt & Co., New York, N. Y. "Elate." (For Cigars).....	13,861	Nov. 5	131	357
Schmidt & Co., New York, N. Y. "Extensio." (For Cigars).....	13,872	Nov. 12	131	689
Schmidt & Co., New York, N. Y. "Estemento." (For Cigars).....	13,873	Nov. 12	131	689

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Schmidt & Co., New York, N. Y. "Guarantee." (For Cigars).....	13,906	Dec. 3	131	1415
Schmidt, F. C. Louis, New York, N. Y. "Schmidt's New Star Piano Polish." (For a Piano-Polish).....	13,391	Mar. 5	127	390
Schmueling, Harry G., Cincinnati, Ohio. "Epsom Salt Tablets." (For a Medicine).....	13,932	Dec. 17	131	1938
Schnepf, Clara, St. Louis, Mo. "Loreley Hair Tonic." (For Hair-Tonic).....	13,322	Jan. 15	126	1062
Schureman, Catharine D., Houston, Tex. "Madam De'Savon's Ponce De Leon New Thought Toilet Articles." (For Face-Powder, Cream, Cream-Jelly, Foot-Comfort, and Hair-Tonic).....	13,572	May 28	128	1686
Schuster Brewing Company. (See Wilmanns Bros. Co., assignor.).....				
Scott, Arthur H., Oak Lane, Pa. "Balsam Santissus." (For Toilet-Paper).....	13,388	Mar. 5	127	390
Scott Paper Co., Philadelphia, Pa. "S. P. Co's." (For Toilet-Paper).....	13,389	Mar. 5	127	390
Seattle Brewing & Malting Company, Georgetown, Wash. "Rainier Beer." (For Beer).....	13,546	May 21	128	1289
Schlinger Sons & Co., Chas., Louisville, Ky. "Sagamore Spring." (For Whisky).....	13,369	Feb. 19	126	3039
Selzer, Wm. A., Jenkintown, Pa. "Blossom Nectar" (For Honey).....	13,785	Sept. 10	130	653
Seltzer, Theodore, West Hoboken, N. J. "Baume Analgésique Bengué." (For Proprietary Medicines).....	13,335	Jan. 29	126	1773
Seltzer, Théodore, West Hoboken, N. J. "Eupurgo." (For a Laxative Preparation).....	13,528	May 7	128	453
Sethness Company, Chicago, Ill. "Hyball Ginger Ale." (For Ginger-Ale).....	13,851	Nov. 5	131	357
Seven Day Coffee Company, New York, N. Y. "Seven Day Coffee, the National Beverage." (For Coffee).....	13,880	Nov. 19	131	939
Shepherd, Robert H., Chicago, Ill. "Kafir Blood and Nerve Tablets." (For Medicine).....	13,835	Oct. 15	130	2064
Shove & Gage Co. Inc., Providence, R. I. "U-Auto Polish." (For a Polish for Automobiles and Carriages).....	13,814	Oct. 1	130	1481
Silesia Mineral Springs Co., Silesia, Mont. "Silesia Mineral Water." (For a Mineral Water).....	13,568	May 28	128	1686
Slifer Chemical Company, Philadelphia, Pa. "Phar-O." (For Embalming Fluid).....	13,484	Apr. 16	127	2814
Smerlies, Peter, Grand Rapids, Mich. "P. S. Alegretas Soft Creams." (For Candy).....	13,333	Jan. 29	126	1773
Smith, Annie H., Berwin, Pa. "A. H. S." (For Prepared Potted Beef).....	13,901	Nov. 26	131	1159
Smith, Bertha, New York, N. Y. "Electrosine." (For a Liquid Depilatory).....	13,306	Jan. 8	126	755
Smith, Bertha, New York, N. Y. "Extyrpo." (For a Depilatory).....	13,431	Apr. 2	127	1990
Sommer, Adolph, Cambridge, Mass. "Artgum The Dry Cleaner and Massager." (For a Cleaning Composition).....	13,480	Apr. 16	127	2814
Sommer, Adolph, Cambridge, Mass. "Lorceer, good for all belts leather and rubber." (For a Dressing to Stop the Slipping of Belts).....	13,713	July 30	129	2072
South Jersey Underwear Company, Philadelphia, Pa. "Night Gowns, S. J. U. Co." (For Night-Gowns).....	13,452	Apr. 2	127	1990
Southern Stock Food Company, Atlanta, Ga. "Southern Stock Food." (For Stock Food).....	13,540	May 14	128	883
Southern Stock Food Company, Atlanta, Ga. "Southern Poultry Food." (For Poultry Food).....	13,541	May 14	128	883
Spinney, Fanny F., St. Louis, Mo. "Lightning Gold & Silver Polish." (For Gold and Silver Polish).....	13,543	May 14	128	883
Springer, Nathan A., Baltimore, Md. "The Springer Sanitarium." (For Medicinal Preparations).....	13,619	June 18	128	2833
Squirrel Brand Co., Cambridge, Mass. "Squirrel-Brand Peanut Bar." (For Confectionery).....	13,722	Aug. 6	129	2498
St. Denis, Oliva, Fall River, Mass. "King Philip Bleaching Water." (For Bleaching-Water).....	13,911	Dec. 3	131	1418
Standard Oil Company, San Francisco and Oakland, Cal. "Zerolene." (For Oils).....	13,951	Dec. 24	131	2142
Star Toilet Co., New York, N. Y. "Star Hair Tonic and Dandruff Cure." (For a Hair-Tonic and Dandruff Cure).....	13,381	Feb. 26	126	3420
Stearns Electric Paste Co., Buffalo, N. Y. "Stearns' Electric Rat and Roach Paste." (For a Rat and Roach Paste).....	13,336	Jan. 29	126	1773
Stedman Fruit Co., Beaumont, Tex. "Tastes like Ice Cream in the Summertime." (For Prepared Fruit).....	13,764	Aug. 27	129	3499
Steen, E. L. N., New York, N. Y. "Indian Knox All Soap." (For Soap).....	13,757	Aug. 20	129	3158
Steiny, Christian D., Greenfield township, Lagrange county, Ind. "Kidney Renovator and System Builder." (For Medicine).....	13,727	Aug. 6	129	2498
Sternschuss & Co., New York, N. Y. "Jap Kote Stain." (For Stains).....	13,592	June 4	128	2083
Stewart Brothers Company, Omaha, Nebr. "Wedgwood Cigars." (For Cigars).....	13,454	Apr. 9	127	2392
Stimpson, Edwin B., New York, N. Y. "Rivets." (For Rivets).....	13,575	May 28	128	1686
Straw Hatters Union, New York, N. Y. "Straw Hatters." (For Straw Hats).....	13,749	Aug. 13	129	2856
Sunal Hair Tonic Company, Cuyahoga Falls, Ohio. "Sunal, Hair Restorer and Invigorator." (For Hair Restorer and Invigorator).....	13,746	Aug. 13	129	2856
Swan, L. E., Saginaw, Mich. "Stag." (For Cigars).....	13,609	June 18	128	2833
Sweet-Orr & Co., New York, N. Y. "Sweet-Orr Belt Grip." (For Trousers).....	13,848	Oct. 29	130	2716
Swift Specific Co., Atlanta, Ga. "Swift's Specific." (For a Medicine for the Cure of All Blood and Skin Diseases and for Purifying the Blood).....	13,386	Mar. 5	127	390
Symons-Kraussman Co., New York, N. Y. "Dennis Kearney." (For Cigars).....	13,877	Nov. 19	131	939
Syndicat des Viticulteurs des Charentes et de la Société Cooperative annexe de Saintes, Saintes, near Cognac, France. "Brandy-Book Charentais." (For Brandy).....	13,842	Oct. 29	130	2716
Taylor, R. L., Emporia, Kans. "Klean-All." (For a Cleaning-Powder).....	13,319	Jan. 15	126	1062
Tetlow, Clara, Philadelphia, Pa. "La Princesse Thérèse." (For Talcum and Toilet Powder).....	13,230	Jan. 15	126	1062
Theion Chemical Company, New York, N. Y. "Behrens' Glyco Theion." (For a Soluble Sulfur Compound).....	13,775	Sept. 3	130	297
Thomas, Julian P., New York, N. Y. "Stafovlife." (For a Cereal Product).....	13,678	July 23	129	1607
Thomas Ryan's Consumers' Brewing Co., Syracuse, N. Y. "Liquid Bread." (For Beer).....	13,547	May 21	128	1289
Thomas Ryan's Consumers' Brewing Co., Syracuse, N. Y. "Liquid Bread." (For Ale).....	13,548	May 21	128	1289
Tiemann, Albert, Milwaukee, Wis. "Rex." (For Beer).....	13,304	Jan. 8	126	755
Titus, Lincoln G., Columbus, Ohio. "Butnorip." (For Trousers).....	13,453	Apr. 2	127	1990
Tomlinson, Thos., Tate Springs, Tenn. "Tate Spring Mineral Water." (For Mineral Water).....	13,854	Nov. 5	131	357
Touraine Confectionery Co., Boston, Mass. "Souvenir Box to the Best People on Earth." (For Confectionery).....	13,723	Aug. 6	129	2498
Travelers Cigar Co., Hutchinson, Kans. "Jewel." (For Cigars).....	13,632	June 25	128	3285
Trowbridge Chocolate Chip Co., Meadville, Pa. "Tro Tro Chocolate Krunch." (For Confectionery).....	13,724	Aug. 6	129	2498
Trowbridge Chocolate Chip Co., Meadville, Pa. "Tro Tro Chocolate Krunch." (For Confectionery).....	13,752	Aug. 20	129	3158
Trowbridge Chocolate Chip Co., Meadville, Pa. "Tro Tro Chocolate Krunch." (For Confectionery).....	13,763	Aug. 27	129	3499
Truman, John G., Bushnell, Ill. "Truman's English Embrocation." (For an Embrocation).....	13,584	June 4	128	2283
Truman, John G., Bushnell, Ill. "Truman's English Colic Cure." (For a Colic Cure).....	13,586	June 4	128	2083
Truman, John G., Bushnell, Ill. "Truman's English Fever Cure." (For a Fever Cure).....	13,587	June 4	128	2083
Tryon Chemical Co., Gloversville, N. Y. "Slick Stuff." (For Lotions).....	13,372	Feb. 19	126	3039
Turner, P. K., Oklahoma, Okla. Ter. "Eureka Springs Mystic Spring Water." (For a Beverage).....	13,652	July 9	129	868
Upham Bro's., New York, N. Y. "Gossip Chop." (For Tea).....	13,947	Dec. 24	131	2142
Vadakin, Lucile E., New York, N. Y. "Taeka Shampoo." (For a Preparation for the Hair and Scalp).....	13,756	Aug. 20	129	3158
Vanderbeck, Mary S., New York, N. Y. "Up to Date." (For Soap).....	13,499	Apr. 23	127	3213
Vanilla Substitute Co., Philadelphia, Pa. "Vanilla Substitute." (For Vanilla Substitute).....	13,344	Feb. 5	126	2187
Vargas, Jorge, Boston, Mass. "Vargas Coffee." (For Coffee).....	13,779	Sept. 10	130	653
Vezino, Vezino de, San Francisco, Cal. "Vezino's Digestive Health Food Chocolates." (For Health-Food Chocolates).....	13,518	Apr. 30	127	3639
Victor Tobacco Company, Cincinnati, Ohio. "Hee Haw." (For Chewing-Tobacco).....	13,503	Apr. 30	127	3639
W. E. Closson Medicine Company, Independence, Iowa. "W. E. Closson's Antiseptic Liniment." (For an Antiseptic Liniment).....	13,740	Aug. 13	129	2856
W. E. Closson Medicine Company, Independence, Iowa. "W. E. Closson's World Renowned Pain Relief and Family Liniment." (For Medicine).....	13,741	Aug. 13	129	2856

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W. E. Closson Medicine Company, Independence, Iowa. "W. E. Closson's Cough Cure." (For a Cough Cure).....	13,742	Aug. 13	129	2856
W. E. Tillotson Manufacturing Company, Pittsfield, Mass. "Collins Health Underwear." (For Underwear).....	13,942	Dec. 17	131	1938
Wallber, Otto J., Milwaukee, Wis. "Paramount Massage Cream and Skin Food." (For a Massage-Cream and Skin Food).....	13,323	Jan. 15	126	1062
Wallerstein Produce Co., Richmond, Va. "Dime." (For Evaporated Apples).....	13,864	Nov. 5	131	357
Walsdorf, Chas. A., New Orleans, La. "Panama Ant Poison." (For an Insecticide).....	13,573	May 28	128	1686
Walstrum, S. S., New York, N. Y. "Kleeneen." (For a Fluid for the Removal of Grease, Stains, and Spots).....	13,481	Apr. 16	127	2814
Wander, Alfred. (See Eppstein and Wander.)				
Wanous, Josie A., Minneapolis, Minn. "Wanous' Shampoo-Bag." (For Hair-Tonic).....	13,630	June 25	128	3285
Wedderburn, Gertrude F., Chevy Chase, Md. "The Dummy Skirt Marker." (For a Skirt-Marker).....	13,808	Sept. 24	130	1307
Weeks, Edward C., New York, N. Y. "Flying Diable." (For a Game Apparatus).....	13,943	Dec. 17	131	1938
Weiler Bros., Portland, Ind. "Weilers Genuine Michigan Shoes." (For Shoes).....	13,500	Apr. 23	127	3213
Weiss, Mat, Chicago, Ill. "Mat's Body Polish." (For Polish).....	13,733	Aug. 6	129	2498
Western Reserve Syrup Co., Cleveland, Ohio. "Western Reserve Maple Syrup." (For Maple Syrup).....	13,300	Jan. 1	126	385
White & Wyckoff Mfg. Co., Holyoke, Mass. "Arbiter Hand Plated Vellum." (For Writing-Papers).....	13,341	Feb. 5	126	2187
White & Wyckoff Mfg. Co., Holyoke, Mass. "Arbiter Hand Plated Extra Superfine." (For Writing-Papers).....	13,342	Feb. 5	126	2187
White & Wyckoff Mfg. Co., Holyoke, Mass. "Arbiter Hand Plated Linen Fabric." (For Writing-Papers).....	13,343	Feb. 5	126	2187
Whitelaw & Co., W. A., Minneapolis, Minn. "Lady Slipper." (For Chocolates).....	13,561	May 28	128	1686
Whitman, James T., Detroit, Mich. "Whitman's Kilrat Exterminator." (For a Rat-Exterminator).....	13,961	Dec. 31	131	2415
Whittemore, Horace A., Boston, Mass. "T-Wharf Ringed Fish Hooks." (For Fish-Hooks).....	13,868	Nov. 5	131	357
Wiggenhorn, Percy C., La Crosse, Wis. "Judge Quality." (For Cigars).....	13,368	Feb. 19	126	3039
William G. Bell Company, Boston, Mass. "Bells Seasoning." (For Spiced Seasoning for Meat, Game, Fish, and Poultry).....	13,787	Sept. 10	130	653
William G. Bell Company, Boston, Mass. "Bells Sausage Seasoning." (For Spiced Sausage-Seasoning).....	13,788	Sept. 10	130	653
Williams Bros. Co., Milwaukee, Wis. "Seipp's Export." (For Beer).....	13,420	Mar. 26	127	1576
Williams, Samuel W., Harriman, Tenn. "Old Log Cabin." (For a Liquid Medical Compound for Coughs and Colds).....	13,885	Nov. 19	131	939
Williams, William E., Chicago, Ill. "Amo Wheat Fibre Cups." (For Breakfast Food of Cereal Grain).....	13,539	May 14	128	883
Williams, William E., Chicago, Ill. "Amo Wheat Fibre." (For a Breakfast Food of Cereal Grain).....	13,579	June 4	128	2083
Williams, William E., Chicago, Ill. "Amo Wheat Fibre Biscuit." (For a Breakfast Food of Cereal Grain).....	13,580	June 4	128	2083
Willis W. Russell Card Co., Milltown, N. J., and New York, N. Y. "Russell's Club Mogul." (For Playing Cards).....	13,302	Jan. 1	126	385
Wilmanns Bros. Co., Milwaukee, Wis., assignor to Schuster Brewing Company, Rochester, Minn. "Old German Lager." (For Beer).....	13,946	Dec. 24	131	2142
Wilson Fruit Juice Co., Lawton, Mich. "Blood of the Grape Champagne." (For Non-Intoxicating Beverages).....	13,299	Jan. 1	126	385
Winfield, Charles G., Aberdeen, Wash. "Anti-Wet Waterproof." (For Leather-Dressing).....	13,403	Mar. 12	127	845
Wolf Chemical Company, Philadelphia, Pa. "The Bute Oil Shoe Dressing." (For Leather-Dressing).....	13,348	Feb. 5	126	2187
Wood, James N., Richmond, Va. "Regalager Lager Beer Label." (For Lager-Beer).....	13,718	Aug. 6	129	2498
Wood and Mullen, New York, N. Y. "Shirt Bosom Protector." (For Bosom-Boards).....	13,809	Sept. 24	130	1307
Woolson Spice Company, Toledo, Ohio. "Golden Sun Brand." (For Spices).....	13,624	June 25	128	3285
Woolson Spice Company, Toledo, Ohio. "Piedmont Brand." (For Coffee).....	13,654	July 9	129	868
Woolson Spice Company, Toledo, Ohio. "Atlas Brand." (For Spice).....	13,865	Nov. 5	131	357
Woolson Spice Company, Toledo, Ohio. "Ardmore Brand." (For Coffee).....	13,919	Dec. 10	131	1684
World Disinfecting & Insecticide Co., Philadelphia, Pa. "Quick Death." (For a Disinfectant and Insecticide).....	13,828	Oct. 8	130	1686
Yosemite Mineral Springs Company, Los Angeles, Cal. "Sparkling Yosemite Mineral Water." (For Mineral Water).....	13,931	Dec. 17	131	1938
Young, James M., Jr., Way Cross, Ga. "Young's Liver Pills." (For Medical Compounds).....	13,743	Aug. 13	129	2856
Zaitchick, Elias, and C. Cooper, New York, N. Y. "The Petriscent Rat and Mouse Killer." (For a Rat or Mouse Poison).....	13,922	Dec. 10	131	1684
Zebra Remedy Company, Guthrie, Okla. Ter. "Zebra's Chill-Buster." (For a Medicine).....	13,687	July 23	129	1607
Zeigler Bros. Canning Co., What Cheer, Iowa. "Gold King." (For Canned Tomatoes).....	13,353	Feb. 12	126	2587
Zellingold, A. M., New York, N. Y. "Duke of Navarre." (For Cigars).....	13,559	May 28	128	1686
Zuch, John O., Kalamazoo, Mich. "Noble Grand." (For Cigars).....	13,521	May 7	128	453

PRINTS.

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A. Schoenhut Company, Philadelphia, Pa. "Schoenhut's Humpty Dumpty Circus, The Toy Wonder." (For Toys).....	2,103	Sept. 3	130	297
A. Slauson & Co., New York, N. Y. "Scotch Mints." (For Candy).....	1,950	Apr. 9	127	2392
A. J. Tower Co., Boston, Mass. "Stick to the Sign of the Fish." (For Oiled Clothing).....	1,957	Apr. 9	127	2392
A. W. Erickson Advertising Agency, New York, N. Y. "Keep your Eye on Continentals." (For Tires for Automobiles).....	2,134	Oct. 8	130	1686
American Lithographic Co., New York, N. Y. "B. T. Babbitt's Best Soap and 1776 Soap Powder." (For Soap and Powder).....	2,132	Oct. 8	130	1686
American Tobacco Co., New York, N. Y. "Duke's Mixture." (For Tobacco).....	2,040	July 2	129	477
Anagyros, S., New York, N. Y. "Turkish Cigarettes." (For Turkish Cigarettes).....	2,041	July 2	129	477
Anheuser-Busch Brewing Ass'n., St. Louis, Mo. "Budweiser Girl." (For Beer).....	2,161	Nov. 26	131	1159
Artesian Mfg. & Bottling Co., Waco, Tex. "Dr. Pepper." (For a Beverage).....	2,034	June 25	128	3285
Beal Samuel R., Adrian, Mich. "Swatiska." (For Game-Cards).....	2,155	Nov. 12	131	689
Berger, Raphael & Wile, New York, N. Y. "Built Right & Wearwell." (For Men's Clothing).....	2,171	Dec. 3	131	1418
Bigelow Varnish Co., Newark, N. J. "Fine Varnishes and Japans." (For Varnishes and Japans).....	1,941	Mar. 26	127	1576
Black Diamond Manufacturing Co., Cincinnati, Ohio. "The 'Handy Stick' with the 'Hollow End' Handle." (For Belt-Dressings).....	1,982	May 7	128	453
Blimline & Company, E. L., New York, N. Y. "Wear College Brand Clothes." (For Clothes).....	2,038	June 25	128	3285
Bon Ami Company, New York, N. Y. "Hasn't Scratched Yet!!! 16 Yr's on the M'k't." (For a Scouring-Soap).....	2,142	Oct. 29	130	2716
Boone, E. L., Chicago, Ill. "Apparel for Man and Boy." (For Clothing).....	2,032	June 18	128	2833
Boone, E. L., Chicago, Ill. "Apparel for Man and Boy." (For Clothing).....	2,045	July 2	129	477
Boone, E. L., Chicago, Ill. "Apparel for Man and Boy." (For Clothing).....	2,124	Oct. 1	130	1481
Boone, E. L., Chicago, Ill. "Apparel for Man and Boy." (For Clothing).....	2,166	Nov. 26	131	1159
Boyd, Charles L., Chicago, Ill. "Boyd's Chart of By-Products of Ec-Zine." (For Ec-Zine Products).....	2,147	Nov. 5	131	357
Boysen, Iwer, New York, N. Y. "Boysen's Bath Solution." (For a Bath Solution).....	2,036	June 25	128	3285
Breining, Lowell P., Baltimore, Md. "The Knox." (For Automobiles).....	2,026	June 4	128	2083
Burton Bros. & Co., New York, N. Y. "Sun Bleach." (For Cotton Piece Goods).....	1,912	Feb. 26	126	3420
Burton-Pierce Co., Boston, Mass. "Burton-Pierce Uniforms." (For Uniforms).....	1,958	Apr. 16	127	2814
California Root Beer Company, Los Angeles, Cal. "California Root Beer Extract." (For Root-Beer Extract).....	2,106	Sept. 10	130	653
Carbolineum Wood Preserving Company, Milwaukee, Wis. "Certificate of Origin Genuine Avenarius Carbolineum." (For a Wood-Preserving Compound).....	1,888	Jan. 15	126	1062
Chapin & Hollister Co., Providence, R. I. "Rimless Eyeglass Snap." (For Eyeglass-Snap).....	1,935	Mar. 26	127	1576
Chas. W. Shonk Co., Maywood, Ill. "Nachtwachter." (For Beer).....	1,960	Apr. 16	127	2814
Chicago Photogravure Company, Chicago, Ill. "Secret Service." (For Automatic Telephones).....	1,891	Jan. 15	126	1062
Christbaumschmuck-Fabrik Gebr. Weinrich, Wroblis, Germany. "Magnesium Candles." (For Fireworks).....	2,025	June 4	128	2083
Collier & Son, P. F., New York, N. Y. "Victor Checker Board." (For Talking-Machines).....	1,972	Apr. 23	127	3213
Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. "The Standard of the Firearms World." (For Firearms).....	2,053	July 9	129	868
Cream of Wheat Co., Minneapolis, Minn. "Chef with Large Bowl." (For a Breakfast Food).....	2,086	Aug. 20	129	3158
Cream of Wheat Co., Minneapolis, Minn. "Bill Poster." (For a Breakfast Food).....	2,087	Aug. 20	129	3158
Cream of Wheat Co., Minneapolis, Minn. "Alaskan Scene." (For a Breakfast Food).....	2,127	Oct. 8	130	1686
Cream of Wheat Co., Minneapolis, Minn. "Rural Delivery." (For a Breakfast Food).....	2,128	Oct. 8	130	1686
Cream of Wheat Co., Minneapolis, Minn. "Cream of Wheat Blocks." (For a Breakfast Food).....	2,129	Oct. 8	130	1686
Cream of Wheat Co., Minneapolis, Minn. "Mother and Child." (For a Breakfast Food).....	2,130	Oct. 8	130	1686
Cream of Wheat Co., Minneapolis, Minn. "The Chef and The Turkeys." (For a Breakfast Food).....	2,131	Oct. 8	130	1686
Cream of Wheat Co., Minneapolis, Minn. "Our Platform." (For a Breakfast Food).....	2,154	Nov. 12	131	689
Cream of Wheat Co., Minneapolis, Minn. "Broncho Busting Design." (For Breakfast Food).....	2,156	Nov. 19	131	939
Cream of Wheat Co., Minneapolis, Minn. "Bear Design." (For a Breakfast Food).....	2,181	Dec. 24	131	2142
Cream of Wheat Co., Minneapolis, Minn. "The Newsboy." (For a Breakfast Food).....	2,182	Dec. 24	131	2142
Cream of Wheat Co., Minneapolis, Minn. "There is More Cream of Wheat." (For a Breakfast Food).....	2,183	Dec. 24	131	2142
Cream of Wheat Co., Minneapolis, Minn. "Raised on Cream of Wheat." (For a Breakfast Food).....	2,184	Dec. 24	131	2142
Cream of Wheat Co., Minneapolis, Minn. "Cute Kids." (For a Breakfast Food).....	2,185	Dec. 24	131	2142
Cream of Wheat Co., Minneapolis, Minn. "Boy Whispering to Sister." (For a Breakfast Food).....	2,186	Dec. 24	131	2142
Cream of Wheat Company, Minneapolis, Minn. "The Food You Never Tire Of." (For a Cereal Breakfast Food).....	1,885	Jan. 15	125	1062
Cream of Wheat Company, Minneapolis, Minn. "Cream of Wheat is Good for You." (For a Breakfast Food).....	1,903	Feb. 5	126	2187
Cream of Wheat Company, Minneapolis, Minn. "The Alarm Clock." (For a Cereal Breakfast Food).....	1,943	Apr. 2	127	1990
Cream of Wheat Company, Minneapolis, Minn. "What Shall the Harvest Be?" (For a Cereal Food).....	1,977	May 7	128	453
Cream of Wheat Company, Minneapolis, Minn. "The Best Dish in the Cook Book." (For a Cereal Food).....	1,978	May 7	128	453
Cream of Wheat Company, Minneapolis, Minn. "A Dainty Breakfast." (For a Cereal Food).....	1,979	May 7	128	453
David Adler & Sons Clothing Co., Milwaukee, Wis. "Adler's Styles for Spring and Summer 1907." (For Men's Apparel).....	1,934	Mar. 19	127	1251
David Adler & Sons Clothing Co., Milwaukee, Wis. "Adlers Styles for Fall and Winter 1907-1908." (For Men's Apparel).....	2,091	Aug. 20	129	3158
Dawson Pharmaceutical Co., Dawson Springs, Ky. "Creosotonic (Scott)." (For a Tonic).....	1,902	Feb. 5	126	2187
De Laval Separator Co., New York, N. Y. "De Laval Cream Separators." (For Cream-Separators).....	1,933	Mar. 19	127	1251
Denver Chemical Mfg. Co., Denver, Colo. "Antiphlogistine Girl #7." (For Medicine).....	1,951	Apr. 9	127	2392
Denver Chemical Mfg. Co., Denver, Colo. "Antiphlogistine Girl #6." (For Medicine).....	1,952	Apr. 9	127	2392
Denver Chemical Mfg. Co., Denver, Colo. "Antiphlogistine Girl #5." (For Medicine).....	1,953	Apr. 9	127	2392
Dirksen, Frank T., Springfield, Ill. "F. T. Dirksen's Incubator." (For Incubators).....	1,963	Apr. 16	127	2814
Dr. Richards Dyspepsia Tablet Association, New York, N. Y. "The Dyspeptic's Dream." (For Dyspepsia-Tablets).....	2,175	Dec. 17	131	1938
Dreyfus Bros., Montgomery, Ala. "Eureka Peanut Cakes." (For Peanut-Candy).....	2,119	Sept. 24	130	1307

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Dunham, Curtis, New York, N. Y. "U. S. S. Peacemaker, The Great Game of Nations." (For a Game)	2,160	Nov. 19	131	939
E. I. du Pont de Nemours Powder Company, Wilmington, Del. "Dupont." (For Powder)	2,047	July 2	129	477
E. I. du Pont de Nemours Powder Company, Wilmington, Del. "A Quail Transparency." (For Smokeless Shotgun-Powder)	2,052	July 9	129	868
E. P. Dutton & Company, New York, N. Y. "The Elwell Bridge Pad." (For Bridge-Pads)	1,890	Jan. 15	126	1062
Ed. V. Price & Co., Chicago, Ill. "Our Manager." (For Men's and Boys' Coats, Vests, and Trousers)	2,076	Aug. 6	129	2498
Ed. V. Price & Co., Chicago, Ill. "Our Foreman." (For Men's and Boys' Coats, Vests, and Trousers)	2,077	Aug. 6	129	2498
Ed. V. Price & Co., Chicago, Ill. "Our Fitter." (For Men's and Boys' Coats, Vests, and Trousers)	2,078	Aug. 6	129	2498
Ed. V. Price & Co., Chicago, Ill. "We Furnish the Capital." (For Men's and Boys' Coats, Vests, and Trousers)	2,079	Aug. 6	129	2498
Ed. V. Price & Co., Chicago, Ill. "This Wheel Grinds Every Day." (For Men's and Boys' Coats, Vests, and Trousers)	2,080	Aug. 6	129	2498
Ed. V. Price & Co., Chicago, Ill. "Our Schoolmaster' Series—No. 1." (For Men's and Boys' Coats, Vests, and Trousers)	2,135	Oct. 15	130	2064
Ed. V. Price & Co., Chicago, Ill. "Our Schoolmaster' Series—No. 2." (For Men's and Boys' Coats, Vests, and Trousers)	2,136	Oct. 15	130	2064
Ed. V. Price & Co., Chicago, Ill. "Our Schoolmaster' Series—No. 3." (For Men's and Boys' Coats, Vests, and Trousers)	2,137	Oct. 15	130	2064
Ed. V. Price & Co., Chicago, Ill. "Our Schoolmaster' Series—No. 4." (For Men's and Boys' Coats, Vests, and Trousers)	2,138	Oct. 15	130	2064
Ed. V. Price & Company, Chicago, Ill. "Tailor Exhibiting Cloth." (For Suitings)	1,897	Jan. 29	126	1773
Ed. V. Price & Company, Chicago, Ill. "Fashionable Coat Sleeves." (For Coat-Sleeves)	1,906	Feb. 12	126	2587
Ed. V. Price & Company, Chicago, Ill. "The House of a Thousand Tailors." (For Men's and Boys' Coats, Vests, and Trousers)	1,907	Feb. 12	126	2587
Ed. V. Price & Company, Chicago, Ill. "A Pot of Gold for You." (For Men's and Boys' Coats, Vests, and Trousers)	1,911	Feb. 26	126	3420
Ed. V. Price & Company, Chicago, Ill. "Who's Your Tailor?" (For Men's and Boys' Coats, Vests, and Trousers)	1,939	Mar. 26	127	1576
Ed. V. Price & Company, Chicago, Ill. "Fall 1907 Guess." (For Men's and Boys' Coats, Vests, and Trousers)	1,940	Mar. 26	127	1576
Ed. V. Price & Company, Chicago, Ill. "Vest Chart." (For Men's and Boys' Vests)	2,013	June 4	128	2083
Ed. V. Price & Company, Chicago, Ill. "Coat Chart." (For Men's and Boys' Coats)	2,014	June 4	128	2083
Ed. V. Price & Company, Chicago, Ill. "Exhibiting Tailor." (For Men's and Boys' Coats, Vests, and Trousers)	2,015	June 4	128	2083
Ed. V. Price & Company, Chicago, Ill. "Our Clerk." (For Men's and Boys' Coats, Vests, and Trousers)	2,016	June 4	128	2083
Ed. V. Price & Company, Chicago, Ill. "Pressing Tailor." (For Men's and Boys' Coats, Vests, and Trousers)	2,017	June 4	128	2083
Ed. V. Price & Company, Chicago, Ill. "Our President." (For Men's and Boys' Coats, Vests, and Trousers)	2,018	June 4	128	2083
Ed. V. Price & Company, Chicago, Ill. "Our Salesman." (For Men's and Boys' Coats, Vests, and Trousers)	2,019	June 4	128	2083
Ed. V. Price & Company, Chicago, Ill. "Greeting Tailor." (For Men's and Boys' Coats, Vests, and Trousers)	2,020	June 4	128	2083
Ed. V. Price & Company, Chicago, Ill. "Measurements Chart." (For Men's and Boys' Coats and Vests)	2,021	June 4	128	2083
Ed. V. Price & Company, Chicago, Ill. "Pants Chart." (For Men's and Boys' Trousers)	2,029	June 11	128	2527
Ed. V. Price & Company, Chicago, Ill. "The Adviser." (For Men's and Boys' Coats, Vests, and Trousers)	2,060	July 23	129	1607
Ed. V. Price & Company, Chicago, Ill. "The Orator." (For Men's and Boys' Coats, Vests, and Trousers)	2,061	July 23	129	1607
Ed. V. Price & Company, Chicago, Ill. "Our Operator." (For Men's and Boys' Coats, Vests, and Trousers)	2,062	July 23	129	1607
Ed. V. Price & Company, Chicago, Ill. "Fashionable Coat Sleeves Fall and Winter 1907-08." (For Coat-Sleeves)	2,068	July 30	129	2072
Ed. V. Price & Company, Chicago, Ill. "What will the harvest be?" (For Men's and Boys' Coats, Vests, and Trousers)	2,069	July 30	129	2072
Edson, Moore & Co., Detroit, Mich. "Sleepy Hollow Blankets." (For Blankets)	2,003	May 28	128	1686
Electric Vehicle Company, Hartford, Conn. "Columbia Mark XLVIII Touring Car." (For Automobiles)	1,913	Feb. 26	126	3420
Elliott, Samuel K., Los Angeles, Cal. "Elliott's Cream of Maple." (For Maple Table-Syrup)	1,886	Jan. 15	126	1062
Empire State Engineering Co., New York, N. Y. "Twineco Stamping Works." (For Stamped Metal Goods)	2,024	June 4	128	2083
Empire State Engineering Company, New York, N. Y. "Empire State Refrigerating Machine." (For Ice and Refrigerating Machinery)	2,104	Sept. 3	130	297
Erlanger Bros., New York, N. Y. "The B. V. D. Way." (For Undershirts and Drawers)	1,908	Feb. 12	126	2587
Essential Chemical Co., Philadelphia, Pa. "Lapin's Magic Straw Hat Cleaner." (For a Straw-Hat Cleaner)	1,909	Feb. 12	126	2587
F. W. Cook Brewing Co., Evansville, Ind. "Goldblume." (For Bottled Beer)	2,072	Aug. 6	129	2498
F. W. Cook Brewing Co., Evansville, Ind. "Goldblume." (For Beer)	2,174	Dec. 17	131	1938
Falls City Brewing Co., Inc., Louisville, Ky. "Life Saver." (For Beer)	2,008	June 4	128	2083
Faulker, August, Syracuse, N. Y. "Falker's Velvet Suede." (For Suede Skins)	1,926	Mar. 12	127	845
Folger, Stephen L., New York, N. Y. "Class Pin Page Number Four." (For Class-Pins)	2,094	Aug. 20	129	3158
Folger, Stephen L., New York, N. Y. "Class Pin Page Number Three." (For Class-Pins)	2,095	Aug. 20	129	3158
Frictionless Metal Co., Chattanooga, Tenn. "You Always Hear Good Reports from Frictionless Metal." (For Frictionless Metal)	1,896	Jan. 22	126	1354
G I Chemical Co., New York, N. Y. "Kuresore Ointment." (For an Ointment)	2,120	Sept. 24	130	1307
Gelston, William H., Camden, N. J. "Has the Power of Niagara." (For Automobiles)	2,180	Dec. 17	131	1938
Gerstendorfer Bros., New York, N. Y. "Sapolin Powders for All Kinds of Gilding." (For Gilding-Powders)	1,942	Mar. 26	127	1576
Globe Sign and Poster Company, Akron, Ohio. "Headquarters for Souvenir Post Cards." (For Post-Cards)	2,100	Sept. 3	130	297
Green, George G., Woodbury, N. J. "Boschee's German Syrup, August Flower." (For Medicines)	1,931	Mar. 19	127	1251
H. Mueller Manufacturing Company, Decatur, Ill. "Lead Flange Union Coupling-Lead and Inside Thread." (For Lead Flange Union-Couplings)	1,916	Mar. 5	127	390
H. Mueller Manufacturing Company, Decatur, Ill. "Lead Flange Union Coupling-Lead Pipe." (For Lead Flange Union-Couplings)	1,917	Mar. 5	127	390
H. B. Claflin Company, New York, N. Y. "Napoleon." (For Medicinal and Toilet Preparations)	2,153	Nov. 19	131	939
Hamburger Bros. & Co., Baltimore, Md. "Fall & Winter Styles 1907-08." (For Clothing)	2,085	Aug. 13	129	2856
Hansen, Luther A., Boston, Mass. "Skeeter Scarer." (For a Preparation for Driving Away Mosquitoes)	2,090	Aug. 20	129	3158
Hauck-Hoerr Bakery Co., St. Louis, Mo. "Blue Bell." (For Bread)	1,999	May 28	128	1686

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Hayes Lithographing Co., Buffalo, N. Y. "Champion Harvesting Machines." (For Harvesting Machinery).....	2,168	Nov. 26	131	1159
Hoyt & Co., C. H., Toledo, Ohio. "Hoyt's Improved Pile Remedy." (For a Pile Remedy).....	2,176	Dec. 17	131	1938
Hubbard, Luther P., Minneapolis, Minn. "The Flour of the Hour." (For Flour).....	1,961	Apr. 16	127	2814
Hubbard, Luther P., Minneapolis, Minn. "The Spirit of Minneapolis." (For Flour).....	2,059	July 23	129	1607
Hunt, George W., Washington, D. C. "Tel-Lock." (For a Telephone-Lock).....	2,064	July 23	129	1607
Hurd-Wheeler Co., Detroit, Mich. "Here It Is." (For Whisky).....	1,984	May 14	128	883
Hygienic Food Company, Battle Creek, Mich. "Mapl-Flake Hobby Horse." (For a Prepared Cereal Breakfast Food).....	1,962	Apr. 16	127	2814
Incenso Co., Minneapolis, Minn. "Incenso." (For Deodorants).....	1,987	May 21	128	1289
Incenso Co., Minneapolis, Minn. "Incenso." (For Deodorants).....	1,988	May 21	128	1289
Incenso Co., Minneapolis, Minn. "Incenso." (For Deodorants).....	1,989	May 21	128	1289
Incenso Co., Minneapolis, Minn. "Incenso." (For Deodorants).....	1,990	May 21	128	1289
Incenso Co., Minneapolis, Minn. "Incenso." (For Deodorants).....	1,991	May 21	128	1289
Incenso Co., Minneapolis, Minn. "Incenso." (For Deodorants).....	1,992	May 21	128	1289
Incenso Co., Minneapolis, Minn. "Incenso." (For Deodorants).....	1,993	May 21	128	1289
Incenso Co., Minneapolis, Minn. "Incenso." (For Deodorants).....	1,994	May 21	128	1289
John Church Company, Cincinnati, Ohio. "The Harvard Piano." (For Pianos).....	2,149	Nov. 5	131	357
John Church Company, Cincinnati, Ohio. "The Everett Piano." (For Pianos).....	2,150	Nov. 5	131	357
John Dewar & Sons, Ltd., Perth, Scotland, and New York, N. Y. "Imperial." (For Whisky).....	2,050	July 9	129	868
Kaiser, Arthur H., New York, N. Y. "Souvenir-Card, Kaiser Suits and Cloaks." (For General Wearing-Apparel).....	2,030	June 11	128	2527
Kewanee Water Supply Co., Kewanee, Ill. "Kewanee Water Supply Co." (For a Complete Outfit for Furnishing a Water-Supply System).....	1,986	May 21	128	1289
King Aerial Adv. Co., Detroit, Mich. "The New Kite 'Whistling Rufus.'" (For a Kite).....	2,046	July 2	129	477
Kraut and Dohnal, Chicago, Ill. "Kutters that Kut." (For Razors).....	1,981	May 7	128	453
L. Adler Bros. & Co., Rochester, N. Y. "Men's Apparel." (For Men's Apparel).....	1,889	Jan. 15	126	1062
L. Adler Bros. & Co., Rochester, N. Y. "Men's Apparel." (For Men's Apparel).....	2,093	Aug. 20	129	3158
L. L. Brown Paper Company, Adams, Mass. "Water Mark of Quality." (For Paper).....	2,173	Dec. 10	131	1684
Lamont, Corliss & Company, New York, N. Y. "Nestlé's Milk Chocolate." (For Chocolate).....	2,000	May 28	128	1686
Laanahan & Son, Wm., Baltimore, Md. "Jumped Into Favor From The Start." (For Whisky).....	1,936	Mar. 26	127	1576
Laanahan & Son, Wm., Baltimore, Md. "Took the World at One Bound." (For Whisky).....	2,111	Sept. 17	130	975
Laanahan & Son, Wm., Baltimore, Md. "First Over the Bars." (For Whisky).....	2,112	Sept. 17	130	975
Lee Broom & Duster Company, Lincoln, Nebr. "Use the Lee the Broom With the Guarantee." (For Brooms).....	1,965	Apr. 23	127	3213
Levy & Co., Moe, New York, N. Y. "The Monroe System." (For Clothing).....	2,037	June 25	128	3285
Long Beach Milling Company, Longbeach, Cal. "Ground Shells or Hens' Teeth." (For Ground Shell).....	1,878	Jan. 1	126	385
Loveless, S. E., Chicago, Ill. "Pan-Dandy-Bread." (For Bread).....	2,042	July 2	129	477
Lutz, Gustav A., Los Angeles, Cal. "Elk Brand." (For Shoes).....	2,144	Oct. 29	130	2716
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	1,877	Jan. 1	126	385
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	1,882	Jan. 8	126	755
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	1,898	Jan. 29	126	1773
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Apparel).....	1,925	Mar. 12	127	845
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	1,938	Mar. 26	127	1576
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	1,955	Apr. 9	127	2392
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	1,959	Apr. 16	127	2814
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	1,969	Apr. 23	127	3213
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	1,974	Apr. 30	127	3639
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	1,980	May 7	128	453
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	1,985	May 14	128	883
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	1,998	May 21	128	1289
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,006	May 28	128	1686
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,022	June 4	128	2083
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,033	June 18	128	2833
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,039	June 25	128	3285
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,051	July 9	129	868
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,058	July 16	129	1265
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,070	July 30	129	2072
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,075	Aug. 6	129	2498
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,084	Aug. 13	129	2856
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,092	Aug. 20	129	3158
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,096	Aug. 27	129	3499
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,099	Sept. 3	130	297
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,110	Sept. 10	130	653
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,116	Sept. 17	130	975
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,122	Sept. 24	130	1307
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,133	Oct. 8	130	1686
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,140	Oct. 22	130	2369
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,143	Oct. 29	130	2716
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,148	Nov. 5	131	357
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,159	Nov. 19	131	939
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,167	Nov. 26	131	1159
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,170	Dec. 3	131	1418
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,177	Dec. 17	131	1938
Lytton, H. C., Chicago, Ill. "Men's and Boys' Apparel." (For Men's and Boys' Apparel).....	2,188	Dec. 31	131	2415
M. Zimmermann Company, New York, N. Y. "Zimmermann's Sausages." (For Sausages).....	2,043	July 2	129	477
Mayer & Sons, S., New York, N. Y. "Mayer's Washable Hats." (For Infants' Headwear).....	2,002	May 28	128	1686
McMahon, John, Boston, Mass. "Drink." (For Whisky).....	2,089	Aug. 20	129	3158
Meek Company, Coshocton, Ohio. "Be a Chuloo." (For Chewing-Gum).....	1,899	Jan. 29	126	1773
Meek Company, Coshocton, Ohio. "A Good Lunch." (For Malt Liquors).....	1,975	May 7	128	453
Meek Company, Coshocton, Ohio. "None Purer None Better." (For Malt Liquors).....	2,088	Aug. 20	129	3158
Mendel, Louis, Philadelphia, Pa. "Seven-Up." (For Lubricants).....	2,010	June 4	128	2083
Meyercoed Company, Chicago, Ill. "Temptation." (For Liquors).....	1,875	Jan. 1	126	385
Meyercoed Company, Inc., Chicago, Ill. "Have a Taste." (For Liquors).....	1,894	Jan. 22	126	1354
Meyercoed Company, Chicago, Ill. "Treat Yourself Right." (For a Brand of Whisky).....	2,141	Oct. 29	130	2716
Mi-cro-line Medicine Co., Dallas, Tex. "Be a Charge on the Picador." (For Medicine).....	1,927	Mar. 19	127	1251
Mi-cro-line Medicine Co., Dallas, Tex. "The Bull Enters the Arena." (For Medicine).....	1,928	Mar. 19	127	1251
Mi-cro-line Medicine Co., Dallas, Tex. "The Bull Ring." (For Medicine).....	1,929	Mar. 19	127	1251
Mi-cro-line Medicine Co., Dallas, Tex. "The Bull Rushes on the Banderillero." (For Medicine).....	1,930	Mar. 19	127	1251
Mi-Cro-Line Medicine Co., Dallas, Tex. "The Matador With a Sword Kills the Bull." (For Proprietary Medicines).....	2,028	June 11	128	2527
Mi-Cro-Line Medicine Co., Dallas, Tex. "This Introduces You to Eve, the Texas Microline Girl." (For Proprietary Medicines).....	2,044	July 2	129	477
Mi-cro-line Medicine Co., Dallas, Tex. "Eve, The Texas Mi-Cro-Line Girl." (For Proprietary Medicines).....	2,067	July 30	129	2072

Alphabetical list of registrants of prints—Continued.

Name, residence, and title.	No.	Date.	Official Gazette.	
			Vol.	Page.
Moschner, Jr., & Co., W. A., St. Louis, Mo. "Angler's Pride." (For a Fish-Bait).....	2,082	Aug. 13	129	2856
Mozley Lemon Elixir Co., Atlanta, Ga. "Mozley's Lemon Elixir." (For Lemon Elixir).....	1,964	Apr. 23	127	3213
Naegelis Sons, R., Hoboken, N. J. "The Pretty Barmaid." (For Lager-Beer).....	2,108	Sept. 10	130	653
National Cereal Company, Ltd., Battle Creek, Mich. "X-Cel-O." (For Malted Wheat Food).....	2,049	July 9	129	868
New York Belting & Packing Co., Ltd., New York, N. Y. "The Interlocking Rubber Tile Girl." (For Interlocking Rubber Tiling).....	2,007	May 28	128	1686
Nucoa Butter Co., Belleville, N. J. "Healthful Nucoa Confectionery." (For Confectionery Materials).....	1,932	Mar. 19	127	1251
Ottinger, James J., Philadelphia, Pa. "Zhongiva." (For Mouth and Gum Washes).....	2,055	July 16	129	1265
Oxzyz Company, New York, N. Y. "Oxzyz Balm." (For a Balm for the Complexion).....	1,887	Jan. 15	126	1062
Paris Medicine Company, St. Louis, Mo. "The Household Surgeon." (For Antiseptic Healing-Oil).....	1,948	Apr. 2	127	1990
Patterson Sargent Company, Cleveland, Ohio. "A Good Thing Look Into It." (For Paints).....	2,065	July 23	129	1607
Pattison, Willis E., Boston, Mass. "Educator Shoe." (For Boots and Shoes).....	1,905	Feb. 5	126	2187
Paye and Baker Manufacturing Company, North Attleboro, Mass. "The Famous Bears." (For Jewelry).....	2,027	June 11	128	2527
Perolin Company of America, Chicago, Ill. "No More Dust." (For a Dustless Sweeping Compound).....	2,074	Aug. 6	129	2498
Perry & Co., Philadelphia, Pa. "Perry's Fashions for Spring 1907." (For Men's Clothing).....	1,937	Mar. 26	127	1576
Perry & Co., Philadelphia, Pa. "Perry's Fashions for Spring, 1907, Sheet No. 2." (For Men's Clothing).....	1,956	Apr. 9	127	2392
Perry & Company, Philadelphia, Pa. "Perry's Fashions for Spring," (Sheet No. 3.)" (For Men's Sack-Suits).....	1,968	Apr. 23	127	3213
Pinchin, Johnson & Co., Ltd., London, England. "Immaculate." (For Enamels).....	2,164	Nov. 26	131	1159
Pratt Food Co., Philadelphia, Pa. "Pratts Germ-a-thol, Sanitary Disinfectant." (For a Disinfectant).....	1,954	Apr. 9	127	2392
Rhodes, F. A., Seattle, Wash. "Parisian Chocolate Co." (For Chocolate).....	2,066	July 30	129	2072
Rieder, Michael, Los Angeles, Cal. "California Souvenir Playing Cards." (For Playing-Cards).....	2,162	Nov. 26	131	1159
Roberts, Geo. H., Defiance, Ohio. "The Turnbull Wagon Best on Earth." (For a Wagon).....	2,054	July 9	129	868
Runkel Brothers Incorporated, New York, N. Y. "Highest Grade." (For Cocoa).....	2,098	Sept. 3	130	297
Russell and Co., Cambridge, Mass. "Anona Chocolates." (For Chocolates).....	2,151	Nov. 12	131	689
S. Anargyros, New York, N. Y. "Mecca." (For Cigarettes).....	1,966	Apr. 23	127	3213
Samuel Baron Co., Brooklyn, N. Y. "Baron's Welsh Rabbit." (For Welsh Rabbit).....	1,900	Jan. 29	126	1773
Samuel Mundheim Co., Brooklyn, N. Y. "Spring and Summer Styles 1907." (For Hats).....	1,915	Mar. 5	127	390
Samuel Mundheim Co., Brooklyn, N. Y. "College Brand Hats." (For Hats).....	2,012	June 4	128	2083
Schloss Bros. & Co., Baltimore, Md. "Men's Apparel." (For Men's Apparel).....	2,125	Oct. 1	130	1481
Seattle Brewing & Malting Co., Seattle, Wash. "Rainier Beer." (For Beer).....	2,146	Nov. 5	131	357
Seiter & Kappes Lithographing Co., New York, N. Y. "Gordon Furs." (For Furs).....	2,023	June 4	128	2083
Smith, Franklin H., Providence, R. I. "The Karbon Keeper." (For Carbon-Paper and Portfolios Therefor).....	1,983	May 7	128	453
Sommer, Adolph, Cambridge, Mass. "Artgum, The Dry Cleaner and Massager." (For a Cleaning Composition).....	2,087	Aug. 27	129	3499
Southern Cotton Oil Co., New York, N. Y. "Snowdrift." (For Cooking-Fat).....	2,001	May 28	128	1686
St. Luke Remedies Company, New York, N. Y. "Haireka." (For a Hair-Tonic).....	2,081	Aug. 13	129	2856
Stahl and Jaeger, New York, N. Y. "Yes Mam' Fleischman's Yeast Makes the Best Root Beer." (For Yeast).....	2,035	June 25	128	3285
Stahl, Otto, New York, N. Y. "Stahl's Special Cold Cuts." (For Cold Meats).....	2,118	Sept. 24	130	1307
Standard Bottling Co., Denver, Colo. "From Humble Cot to Palace Grand, The Finest Drinks in All the Land." (For Ginger-Ale).....	1,884	Jan. 15	126	1062
Standard Milling Co., New York, N. Y. "A Smile with Every Baking." (For Flour).....	2,117	Sept. 24	130	1307
Standard Oil Cloth Co., New York, N. Y. "Meritas Table Oil Cloth." (For Table Oil-Cloth).....	2,163	Nov. 26	131	1159
Standard Oil Cloth Co., New York, N. Y. "Sanitas, Cloth Wall Covering." (For Cloth Wall-Covering).....	2,165	Nov. 26	131	1159
Stein-Bloch Co., Rochester, N. Y. "Men's Apparel." (For Men's Apparel).....	2,115	Sept. 17	130	975
Stimpson, Edwin B., New York, N. Y. "Solid Rivets." (For Rivets).....	2,031	June 11	128	2527
Strauss & Co., Edward E., Chicago, Ill. "Wear Edesco Clothes." (For Men's Clothing).....	2,126	Oct. 1	130	1481
Sweet-Orr & Co., New York, N. Y. "The Friends of Labor." (For Overalls).....	1,904	Feb. 5	126	2187
Swift and Company, Chicago, Ill. "Lexard." (For Soap).....	2,179	Dec. 17	131	1938
The Eye-Fix Remedy Co., Detroit, Mich. "The Japillusion." (For a Remedy for Diseases of the Eyes).....	2,187	Dec. 24	131	2142
Tiemann, Albert, Milwaukee, Wis. "Moose, The Beer that Reigns Supreme." (For Beer).....	1,879	Jan. 8	126	755
Tiemann, Albert, Milwaukee, Wis. "The Home of the Famous Monarch of All Beers." (For Beer).....	1,880	Jan. 8	126	755
Tiemann, Albert, Milwaukee, Wis. "Moose, The Monarch of All Pure Beers." (For Beer).....	1,881	Jan. 8	126	755
Tiemann, Albert, Milwaukee, Wis. "Moose." (For Beer).....	1,976	May 7	128	453
Toasted Corn Flake Co., Battle Creek, Mich. "The sweet heart of the Corn." (For Toasted Corn-Flakes).....	2,172	Dec. 10	131	1684
Tower Chemical Manufacturing Co., Philadelphia, Pa. "Silverine." (For Preparation for Cleaning Silverware).....	2,114	Sept. 17	130	975
United States Playing Card Co., Cincinnati, Ohio. "Lilies of the Valley and Sundown Backs, Congress Playing Cards." (For Playing-Cards).....	1,949	Apr. 2	127	1990
United States Playing Card Co., Norwood, Ohio. "606. College Series Congress Playing Cards." (For Playing-Cards).....	2,178	Dec. 17	131	1938
United States Playing Card Company, Norwood, Ohio. "Martha Washington Back, Congress Playing Cards." (For Playing-Cards).....	1,876	Jan. 1	126	385
United States Playing Card Company, Norwood, Ohio. "Cavendish Hoyle and Wheelock Backs, U. S. Whist Faces." (For Playing-Cards).....	1,892	Jan. 15	126	1062
United States Playing Card Company, Norwood, Ohio. "Motorette and Autobike Backs, Bicycle Playing Cards." (For Playing-Cards).....	1,893	Jan. 15	126	1062
United States Playing Card Company, Norwood, Ohio. "George Washington Backs, Congress Playing Cards." (For Playing-Cards).....	1,895	Jan. 22	126	1354
United States Playing Card Company, Norwood, Ohio. "Erin and Expectation Backs, Congress Playing Cards." (For Playing-Cards).....	1,973	Apr. 23	127	3213
United States Playing Card Company, Norwood, Ohio. "Tour Backs, Tourist Playing Cards." (For Playing-Cards).....	1,995	May 21	128	1289
United States Playing Card Company, Norwood, Ohio. "Berenice, The Dancers, and Orange Blossoms Backs Congress Playing Cards." (For Playing-Cards).....	2,004	May 28	128	1686
United States Playing Card Company, Norwood, Ohio. "Inlaid Back, Sportsman's Playing Cards." (For Playing-Cards).....	2,005	May 28	128	1686
United States Playing Card Company, Norwood, Ohio. "Wheel and Tangent Backs, Bicycle Playing Cards." (For Playing-Cards).....	2,011	June 4	128	2083
United States Playing Card Company, Norwood, Ohio. "Julia Marlowe, Beauty's Mirror, an Old-Fashioned Girl and Cupid's Secret Backs, Congress Playing Cards." (For Playing-Cards).....	2,063	July 23	129	1607
United States Playing Card Company, Norwood, Ohio. "Cyclist Back, Bicycle Playing Cards." (For Playing-Cards).....	2,139	Oct. 22	130	2369
United States Playing Card Company, Norwood, Ohio. "Swastika and Bid Backs, Five Hundred Playing Cards." (For Playing-Cards).....	2,152	Nov. 12	131	689

Alphabetical list of registrants of prints—Continued.

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United States Playing Card Company, Norwood, Ohio. "54 Initial Playing Cards." (For Playing-Cards).....	2,153	Nov. 12	131	689
United States Playing Card Company, Cincinnati, Ohio. "Jerry Back, Congress Playing Cards." (For Playing-Cards).....	2,057	July 16	129	1265
United States Playing Card Company, Cincinnati, Ohio. "Meld Back, 48. Pinochle Playing Cards." (For Playing-Cards).....	2,101	Sept. 3	130	297
United States Playing Card Company, Cincinnati, Ohio. "Pneumatic Back, Bicycle Playing Cards." (For Playing-Cards).....	2,102	Sept. 3	130	297
United States Playing Card Company, Cincinnati, Ohio. "Swastika and Maltese Backs, '45 Texan Playing Cards." (For Playing-Cards).....	2,109	Sept. 10	130	653
United States Playing Card Company, Cincinnati, Ohio. "Chain, Saddle and Handle-Bar Backs, Bicycle Playing Cards." (For Playing-Cards).....	2,121	Sept. 24	130	1307
Victor Typewriter Co., New York, N. Y. "Victor." (For Type-Writers).....	2,105	Sept. 3	130	297
W. E. Long Co., Chicago, Ill. "Buster Brown Bread." (For Bread).....	1,914	Mar. 5	127	390
W. E. Long Co., Chicago, Ill. "Buster Brown Bread." (For Bread).....	2,113	Sept. 17	130	975
W. F. Powers Company, New York, N. Y. "Have Some Junket." (For Junket).....	2,071	Aug. 6	129	2498
Wade, A. G., Chicago, Ill. "'Just Out' of a Mandy Lee." (For Incubators).....	1,970	Apr. 23	127	3213
Wade, A. G., Chicago, Ill. "Lees Poultry Supplies." (For Lice-Killer, Egg-Maker, Germozone, Sprayers).....	1,971	Apr. 23	127	3213
Wallace, J. M., New York, N. Y. "My Little Girl Says." (For Waxed Paper).....	2,083	Aug. 13	129	2856
Ware-Kramer Tobacco Company, Norfolk, Va. "White Rolls." (For Cigarettes).....	2,056	July 16	129	1265
Warner, Truly, New York, N. Y. "\$ Two \$ Hats Truly Warner." (For Hats).....	1,997	May 21	128	1289
Warren Featherbone Co., Three Oaks, Mich. "Warren's Wishbone Patternsett." (For Collar Supports or Foundations).....	1,996	May 21	128	1289
Washburn Crosby Company, Minneapolis, Minn. "Hello! Hello!" (For Flour).....	1,910	Feb. 19	126	3039
Washburn Crosby Company, Minneapolis, Minn. "The Best in the Basket." (For Flour).....	1,918	Mar. 12	127	845
Washburn Crosby Company, Minneapolis, Minn. "Don't Discharge the Cook." (For Flour).....	1,919	Mar. 12	127	845
Washburn Crosby Company, Minneapolis, Minn. "Are You Opinionated?" (For Flour).....	1,920	Mar. 12	127	845
Washburn Crosby Company, Minneapolis, Minn. "Good Bread—The Secret's Out." (For Flour).....	1,921	Mar. 12	127	845
Washburn Crosby Company, Minneapolis, Minn. "We Ought to Charge More Than We Do—." (For Flour).....	1,922	Mar. 12	127	845
Washburn Crosby Company, Minneapolis, Minn. "If You Please—Don't Merely Ask for Flour." (For Flour).....	1,923	Mar. 12	127	845
Washburn Crosby Company, Minneapolis, Minn. "The Professional Baker." (For Flour).....	1,924	Mar. 12	127	845
Washburn Crosby Company, Minneapolis, Minn. "Hello! Hello!" (For Flour).....	1,944	Apr. 2	127	1990
Washburn Crosby Company, Minneapolis, Minn. "Some People Fuss and Fume and Fret Over Bread Making." (For Flour).....	1,945	Apr. 2	127	1990
Washburn Crosby Company, Minneapolis, Minn. "If You Were a Miller." (For Flour).....	1,946	Apr. 2	127	1990
Washburn Crosby Company, Minneapolis, Minn. "Handling the Flour Question Right." (For Flour).....	1,947	Apr. 2	127	1990
Washburn, Crosby Company, Minneapolis, Minn. "It's a Biscuit Flour." (For Flour).....	1,967	Apr. 23	127	3213
Washburn-Crosby Company, Minneapolis, Minn. "Eventually." (For Flour).....	2,123	Oct. 1	130	1481
Washburn Crosby Company, Minneapolis, Minn. "Kitchen Profits." (For Flour).....	2,145	Nov. 5	131	357
Washburn Crosby Company, Minneapolis, Minn. "Let me tell you Something—." (For Flour).....	2,157	Nov. 19	131	939
Washburn Crosby Company, Minneapolis, Minn. "Don't Be Odd." (For Flour).....	2,169	Dec. 3	131	1418
Whitten, S. L., Chicago, Ill. "Satisfied." (For Coca-Cola).....	1,874	Jan. 1	126	385
Wilkinson Shear & Cutlery Co., Reading, Pa. "Wileut Knives." (For Cutlery).....	1,883	Jan. 15	126	1062
Willis W. Russell Card Co., Milltown, N. J. "Marine." (For Playing-Cards).....	2,073	Aug. 6	129	2498
Wm. J. Lemp Brewing Co., St. Louis, Mo. "Lemp Extra Pale." (For Beer).....	2,009	June 4	128	2083
Wm. J. Lemp Brewing Co., St. Louis, Mo. "The Home of Falstaff." (For Beer).....	2,107	Sept. 10	130	653
Woehlick, Herman, Chicago, Ill. "Teddy-Bear-Bread." (For Bread).....	2,048	July 9	129	868
Woolson Spice Company, Toledo, Ohio. "Dog'on Fine Coffee." (For Coffee).....	1,901	Feb. 5	126	2187

DISCLAIMERS.

Name, residence, and invention.	No.	Filed.	Official Gazette.	
			Volume.	Page.
Anderson, Frank C., Cincinnati, Ohio; disclaimer filed by patentee and assignee. Switch connection.....	756,771	Apr. 15, 1907	127	2821
Betts, Anson G., Troy, N. Y.; disclaimer filed by assignee. Electrical conductor.....	833,290	Dec. 26, 1906	126	763
Engel, Godfrey, South Baltimore, Md.; disclaimer filed by assignee. Steam-boiler.....	577,916	Oct. 1, 1907	130	1489
O'Leary, John, Cohoes, N. Y.; disclaimer filed by patentee and assignee. Convertible car. (Re-issue).....	11,992	Jan. 7, 1907	126	1068
Schneible, Joseph, New York, N. Y.; disclaimer filed by patentee and assignee. Collecting gas from fermenting liquors.....	604,125	Mar. 9, 1907	127	853
Voigtmann, Frank, Chicago, Ill.; disclaimer filed by patentee and assignee. Fireproof window.....	600,186	Feb. 18, 1907	126	3426
Wilkinson, James, Providence, R. I.; disclaimer filed by assignee. Elastic-fluid turbine.....	838,487	July 31, 1907	129	3166

ALPHABETICAL LIST OF INVENTIONS.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Specification.	Drawing.	Volume.	Page.
Abdominal guard and supporter.....	J. Gamble.....	849,471	Apr. 9	1694	342	127	2056
Abdominal support.....	N. L. Digney. (Reissue).....	12,678	July 30	5911	1636	129	2049
Abdominal support.....	M. C. Towns.....	866,407	Sept. 17	2556	713	130	862
Abrading.....	A. H. Radell.....	844,046	Feb. 12	2353	504	126	2414
Abrading apparatus.....	J. L. Newell.....	861,138	July 23	4350	1193	129	1529
Abrading device.....	J. R. Scott.....	868,021	Oct. 15	1276	353	130	1746
Abrading-machine.....	C. Kitson and W. J. Reinholtz.....	844,366	Feb. 19	3027	646	126	2623
Abrading material.....	E. F. Landis.....	847,190	Mar. 12	2932	645	127	769
Abrading or cutting tools. Driving mechanism for machines for operating.....	C. J. Fancher.....	869,167	Oct. 22	3067	847	130	2325
Abrading surface to metal. Attaching an.....	S. B. Archer.....	842,993	Feb. 5	306	67	126	1866
Abrasive wheel.....	R. Gardner.....	870,231	Nov. 5	565	151	131	185
Absorbent material.....	W. R. Green.....	875,066	Dec. 31	5660	1181	131	2198
Accordion.....	E. E. Braendle.....	869,227	Oct. 29	3164	872	130	2381
Account and shipping pad.....	C. B. Sperry.....	867,316	Oct. 1	132	39-40	130	1354
Account balance-slips. Cabinet for book.....	F. A. Shupe and S. D. Page.....	842,816	Jan. 29	6185	1307	126	1721
Account-cabinet.....	B. C. Maxwell. (Reissue).....	12,597	Jan. 15	3726	809	126	1037
Account-keeper. Easy.....	G. T. Pine.....	842,421	Jan. 29	5342	1132	126	1515
Account-keeping apparatus.....	L. R. Tiffany.....	866,167	Sept. 17	2207	614	130	751
Account or ledger card in bookkeeping.....	H. W. Templeton.....	864,872	Sept. 3	173	49	130	55
Account-register.....	A. F. Staples and C. W. Potter.....	853,651	May 14	2583	537	128	696
Account-register.....	A. F. Staples and C. W. Potter.....	870,594	Nov. 12	1123	307-8	131	396
Account systems. Register for short.....	H. McCormick and M. A. Lumbard.....	859,322	July 9	1566	417	129	562
Accounting apparatus.....	J. S. Caldwell.....	854,402	May 21	4091	846	128	1117
Accounting appliance. Credit.....	R. D. Pardee.....	846,136	Mar. 5	861	180	127	219
Accounting appliance. Credit.....	P. A. McCaskey.....	859,508	July 9	1832	494	129	647
Accounting appliance. Credit.....	A. Stevens.....	867,617	Oct. 8	599	170	130	1516
Accounting appliance. Credit.....	R. D. Pardee.....	868,118	Oct. 15	1420	399	130	1790
Accounting device.....	J. J. Bennett.....	869,614	Oct. 29	3806	1041-2	130	2580
Accounting device. Credit.....	M. E. Gibson.....	855,767	June 4	628	128	128	1856
Accounting mechanism.....	R. H. Little.....	847,672	Mar. 19	3932	858	127	1053
Accumulator-plates. Preliminary treatment for.....	H. Leitner.....	867,517	Oct. 1	438	.....	130	1451
Acetylene-generating apparatus.....	C. Billy.....	840,552	Jan. 8	1544	340	126	440
Acetylene-generator.....	A. G. Odell.....	840,361	Jan. 1	1166	253	126	308
Acetylene-generator.....	D. Barnard.....	851,613	Apr. 23	5810	1215	127	3173
Acetylene-generator.....	J. C. King.....	861,734	July 30	5295	1458-9	129	1860
Acid and making the same. Para-aminodiphenyl-amin sulfonic.....	E. Erdmann.....	869,073	Oct. 22	2936	.....	130	2285
Acid. Anthracinone disulfonic.....	M. Jhinsky.....	851,423	Apr. 23	5437	.....	127	3083
Acid. Apparatus for separating sulfuric.....	F. G. Cottrell.....	866,844	Sept. 24	3207	902	130	1101
Acid bath. Carbonic.....	A. Zucker.....	869,610	Oct. 29	3802	.....	130	2579
Acid chamber. Sulfuric.....	O. H. Eliel.....	860,968	July 23	4097	1122-3	129	1448
Acid-concentrating apparatus. Sulfuric.....	A. Gailard.....	856,048	June 4	1151	243	128	1984
Acid-concentrating apparatus. Sulfuric.....	A. Gailard.....	859,757	July 9	2215	602	129	771
Acid. Concentrating nitric.....	E. Collett.....	854,928	May 28	5153	1073	128	1416
Acid. Concentrating nitric.....	R. Wolfenstein and O. Boeters.....	864,217	Aug. 27	3296	.....	129	3202
Acid cooling and generating chamber.....	I. P. Lihme.....	852,390	Apr. 30	7397	1552	127	3605
Acid derivative. Acetylene carbonic.....	C. Moureu.....	843,289	Feb. 5	936	.....	126	2029
Acid derivative. Acetylene carbonic.....	C. Moureu.....	842,290	Feb. 5	938	.....	126	2029
Acid-dipping basket or pail.....	A. Temper.....	866,087	Sept. 17	2093	582	130	714
Acid esters. Boracic.....	H. Thron.....	841,738	Jan. 22	3893	.....	126	1113
Acid from formates. Producing concentrated formic.....	E. Franke.....	857,046	June 18	3126	.....	128	2557
Acid. Making lactic.....	J. A. Just.....	868,444	Oct. 15	1934	.....	130	1944
Acid. Manufacture of chromic.....	R. Suchy.....	841,278	Jan. 15	2990	.....	126	847
Acid. Manufacture of sulfuric.....	F. G. Cottrell.....	866,843	Sept. 24	3205	901	130	1101
Acid. Manufacturing dialkylbarbituric.....	M. Conrad.....	856,622	June 11	2345	.....	128	2322
Acid. Manufacturing nitric.....	W. Ostwald.....	858,904	July 2	926	242	129	319
Acid. Methylene citryl oxytoluic.....	R. Berendes and J. Callsen.....	874,824	Dec. 24	5133	.....	131	2094
Acid. Methylene citryl salicylic.....	R. Berendes and J. Callsen.....	858,142	June 25	5314	.....	128	3141
Acid. Obtaining a soluble glutinous substance from tang.....	E. Herrmann.....	872,179	Nov. 26	4283	1023	131	1086
Acid of phenylnaphthimidazol and making same. Amido-oxy-sulfonic.....	O. Schulthess and L. Kerkovius.....	851,444	Apr. 23	5474	.....	127	3092
Acid or nitric acid from atmospheric air. Production of nitric.....	H. Pauling.....	873,891	Dec. 17	3236	690	131	1756
Acid plants. Tower for sulfuric.....	R. Cellarius.....	848,631	Apr. 2	20	5	127	1590
Acid. Producing sulfuric.....	I. Kitsee.....	869,094	Oct. 22	2965	.....	130	2293
Acid. Purification of arsenical sulfuric.....	J. Raschen, A. E. Wareing, and J. H. Shores.....	863,940	Aug. 20	2867	789-90	129	3042
Acid. Purification of sulfuric.....	V. C. Driffield and F. W. Wright.....	846,288	Mar. 5	1128	246	127	286
Acid. Purifying hydrochloric.....	L. B. Skinner.....	875,558	Dec. 31	6608	1382	131	2354
Acid. Purifying pyroligneous.....	J. R. Garroway.....	845,860	Feb. 19	4271	.....	126	2926
Acid-receptacle.....	G. P. Adamson.....	846,541	Mar. 12	1658	368	127	452
Acid. Reducing formic.....	C. Ellis and K. P. McElroy.....	867,575	Oct. 8	539	153	130	1498
Acid. Salts of methylene citryl salicylic.....	R. Berendes and J. Callsen.....	858,143	June 25	5315	.....	128	3141
Acid. Succinyl-dioxytoluic.....	R. Berendes and J. Callsen.....	874,928	Dec. 31	5381	.....	131	2153
Acid. Succinyl-disalicylic.....	R. Berendes and J. Callsen.....	874,929	Dec. 31	5382	131	2153

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Acids. Bromin derivative of fatty.....	E. Fischer.....	848,230	Mar. 26	5030	-----	127	1358
Acids. Bromin derivative of fatty.....	E. Fischer.....	850,111	Apr. 9	2872	-----	127	2351
Acids. Production of organic sulfonic.....	M. Jljinsky.....	847,078	Mar. 12	2727	-----	127	720
Acousticon.....	K. M. Turner and N. W. Johnston.....	846,068	Mar. 5	718	150	127	184
Acousticons. Connection for.....	H. W. Hafl.....	843,890	Feb. 12	2070	443	126	2345
Adding and subtracting machine.....	J. C. Epeneter.....	856,236	June 11	1520	320-2	128	2111
Adding-machine.....	C. N. McFarland.....	842,232	Jan. 29	4921	1050-1	126	1400
Adding-machine.....	S. H. Drysdale.....	844,505	Feb. 19	3302	713	126	2691
Adding-machine.....	J. Swart.....	845,276	Feb. 26	5085	1080	126	3173
Adding-machine.....	A. I. Gancher and A. T. Zabrisckie.....	847,759	Mar. 19	4105	896-7	127	1092
Adding-machine.....	G. N. Hinchman.....	849,476	Apr. 9	1706	345-7	127	2059
Adding-machine.....	G. N. Hinchman.....	851,089	Apr. 23	4749	1000	127	2909
Adding-machine.....	A. R. Jennings.....	856,157	June 4	1363	286-8	128	2037
Adding-machine.....	L. S. Munger.....	857,889	June 25	4748	1008-10	128	2995
Adding-machine.....	J. G. Vincent.....	858,548	July 2	308	77-8	129	109
Adding-machine.....	R. von Herpert.....	858,626	July 2	460	120-2	129	160
Adding-machine.....	W. B. Herbert.....	860,662	July 23	3619	991	129	1293
Adding-machine.....	C. P. and T. G. Moore.....	865,200	Sept. 3	663	189	130	201
Adding-machine.....	F. H. Richards.....	866,162	Sept. 17	2195	611-12	130	737
Adding-machine.....	W. C. Paris.....	866,298	Sept. 17	2395	667-9	130	812
Adding-machine.....	F. B. Glenn.....	866,355	Sept. 17	2491	695	130	841
Adding-machine.....	B. Hoskins.....	868,666	Oct. 22	2302	639-40	130	2087
Adding-machine.....	W. F. Gatewood.....	875,423	Dec. 31	6355	1324-6	131	2311
Adding-machine attachment.....	F. R. McBerty.....	841,335	Jan. 15	3112	672-3	126	880
Adding-machine attachment.....	A. Pentecost.....	856,905	June 11	2850	595-6	128	2447
Adding-machine controlling mechanism.....	J. A. Smith.....	858,634	July 2	486	125-6	129	170
Adding-machine power-drive.....	J. G. Vincent.....	866,750	Sept. 24	3068	865-6	130	1058
Adding-machines. Book-holder for.....	Z. Crain.....	846,012	Mar. 5	597	124-5	127	153
Adding-machines. Digit-repeating mechanism for.....	C. N. McFarland.....	874,107	Dec. 17	3714	781-2	131	1824
Addition. Apparatus for.....	G. Nahlik.....	856,360	June 11	1835	377	128	2194
Addition-tester.....	H. E. Brown.....	858,856	July 2	863	225	129	297
Addressing and printing machine. Envelop.....	M. P. Kenna.....	854,041	May 21	3403	701-2	128	939
Addressing-machine.....	A. E. Grapp.....	848,546	Mar. 20	5644	1236-7	127	1509
Addressing-machine.....	M. J. Wise and J. L. Rhea.....	857,704	June 25	4401	929-30	128	2911
Addressing-machine.....	S. C. Cox.....	870,418	Nov. 5	869	232-4	131	286
Addressing-machine.....	C. A. Belknap.....	871,560	Nov. 19	2986	744-5	131	853
Addressing-machines. Galley for.....	S. C. Cox.....	855,097	May 28	5513	1144	128	1506
Addressing-machines. Type-carrying belt for.....	F. A. Harrison.....	870,778	Nov. 12	1449	392	131	503
Adhering round forms. Method of and apparatus for.....	C. W. Munz.....	847,966	Mar. 19	4550	1000	127	1199
Adhesive-applying apparatus.....	J. West.....	842,283	Jan. 29	5027	1073-4	126	1426
Adhesive-applying mechanism.....	A. Shedlock.....	863,106	Aug. 13	1633	438	129	2624
Adhesive compound.....	M. R. Isaacs.....	848,746	Apr. 2	252	-----	127	1650
Adhesive compound, glue, &c.....	M. R. Isaacs.....	845,791	Mar. 5	111	-----	127	32
Adhesive material. Vessel for.....	W. H. Redington.....	868,885	Oct. 22	2639	729	130	2191
Adhesive-supplying mechanism.....	O. Tyberg.....	863,119	Aug. 13	1651	443	129	2630
Adjustable bracket.....	G. Cutter.....	840,046	Jan. 1	506	110	126	135
Adjustable bracket.....	J. T. and G. W. Huff.....	863,068	Aug. 13	1562	423	129	2602
Adjustable bracket.....	C. F. Kade.....	870,439	Nov. 5	904	244	131	296
Adjustable bracket.....	M. Kurtzon.....	874,014	Dec. 17	3467	739	131	1795
Adjustable bracket or fitting for supporting shelves, &c.....	W. Rhodes and R. Maconochie.....	861,900	July 30	5552	1532	129	1939
Adjustable chair.....	J. T. Hart.....	847,332	Mar. 19	3216	708	127	869
Adjustable chair.....	S. Kline.....	862,565	Aug. 6	791	211	129	2329
Adjustable chair.....	J. Prescott.....	874,435	Dec. 24	4371	920	131	1967
Adjustable stand.....	H. and A. J. Buckland.....	856,679	June 11	2448	503	128	2348
Adjustable table.....	E. Kohler.....	848,469	Mar. 26	5515	1201	127	1478
Adjustable wrench.....	G. E. Woodbury.....	849,765	Apr. 9	2249	462	127	2197
Adjusting-box.....	G. W. and E. E. Edwards.....	857,042	June 18	3120	658	128	2555
Adjusting device.....	F. H. Richards.....	850,252	Apr. 16	3148	658	127	2464
Adjusting device.....	H. G. Beede.....	856,567	June 11	2228	453	128	2291
Adjustment mechanism. Fine.....	H. N. Ott.....	866,383	Sept. 17	2524	703	130	851
Advertising and illuminating device.....	J. E. Auclair.....	867,564	Oct. 8	519	149	130	1491
Advertising apparatus.....	K. J. H. Klempau.....	840,134	Jan. 1	707	151	126	193
Advertising apparatus.....	W. Henke.....	865,494	Sept. 10	1148	326	130	378
Advertising, &c. Apparatus for.....	W. H. Gilman and C. B. Kendall.....	843,889	Feb. 12	2068	443	126	2344
Advertising-cabinet.....	E. Fletcher.....	844,344	Feb. 19	2982	637-8	126	2611
Advertising-card.....	J. B. Carroll.....	842,857	Feb. 5	32	6	126	1798
Advertising device.....	O. N. Moore.....	840,577	Jan. 8	1607	352	126	454
Advertising device.....	W. B. Owen.....	845,704	Feb. 26	5922	1251	126	3379
Advertising device.....	J. E. Rainwater.....	845,893	Mar. 5	348	70	127	91
Advertising device.....	C. M. O'Brien.....	849,493	Apr. 9	1758	356	127	2071
Advertising device.....	H. F. Eckersberg.....	852,170	Apr. 30	6984	1458	127	3504
Advertising device.....	G. L. Thorne.....	854,779	May 28	4842	1006	128	1334
Advertising device.....	R. B. Powers.....	857,754	June 25	4506	950	128	2937
Advertising device.....	W. C. Carr.....	859,484	July 9	1800	484	129	637
Advertising device.....	J. T. H. Mitchell.....	861,747	July 30	5319	1467	129	1867
Advertising device.....	J. T. H. Mitchell.....	861,748	July 30	5320	1467	129	1867
Advertising device.....	J. T. H. Mitchell.....	861,749	July 30	5320	1468	129	1867
Advertising device.....	J. T. H. Mitchell.....	861,750	July 30	5321	1468	129	1867
Advertising device.....	D. E. Bohannon.....	861,798	July 30	5414	1491-2	129	1896
Advertising device.....	C. H. Smith.....	862,671	Aug. 6	952	255-6	129	2378
Advertising device.....	W. S. Haynes.....	862,820	Aug. 6	1185	319	129	2445
Advertising device.....	W. M. Corthell.....	862,864	Aug. 6	1251	339	129	2467
Advertising device.....	W. Hornich, Jr.....	863,278	Aug. 13	1894	511	129	2705
Advertising device.....	E. N. Monroe.....	866,379	Sept. 17	2521	702	130	850
Advertising device.....	J. W. Fawkes.....	867,562	Oct. 1	508	145-6	130	1471
Advertising device.....	H. W. Gardner.....	868,542	Oct. 15	2087	583	130	1993
Advertising device.....	M. Rosenfeld.....	869,733	Oct. 29	3987	1102	130	2633
Advertising device.....	C. C. Bonbert.....	870,525	Nov. 5	1024	279	131	330
Advertising device.....	R. Wightman.....	870,705	Nov. 12	1318	360	131	464
Advertising device.....	P. F. Van Halder.....	872,700	Dec. 3	797	166	131	1294
Advertising-device-operating mechanism.....	F. M. Wadsworth and J. P. Appleby.....	845,986	Mar. 5	539	112-13	127	139
Advertising effervescent liquids. Device for.....	W. C. Dunn.....	842,830	Jan. 29	6216	1312	126	1728
Advertising-holder.....	L. Morand.....	853,108	Mar. 7	1488	310	128	378
Advertising-machine.....	E. W. Brown.....	849,045	Apr. 2	861	176	127	1807

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Advertising-machine.	C. D. Harding.	858,452	July 2	133	35-6	129	45
Advertising-machine.	J. Jewell.	862,640	Aug. 6	908	243	129	2365
Advertising-machine.	H. A. Ironside.	874,595	Dec. 24	4692	986-7	131	2019
Advertising-machine. Automatic.	M. Leberberg.	860,306	July 16	3056	836-7	129	1074
Advertising-machine. Rotary.	H. T. Cole.	865,681	Sept. 10	1442	408-9	130	470
Advertising means.	G. Carrington and H. Pusey.	866,430	Sept. 17	2584	722	130	872
Advertising means. Cooperative.	J. H. Reohr.	853,473	May 14	2221	462	128	602
Advertising novelty.	A. Mariolle.	851,297	Apr. 23	5191	1089-90	127	3021
Advertising or spectacular exhibitions. Device for.	S. and J. Chandler.	867,110	Sept. 24	3618	1026-7	130	1226
Advertising purposes. Mechanical apparatus used for.	F. and A. Veneziani.	861,336	July 30	4681	1280	129	1673
Advertising purposes. Mechanical device for.	S. and J. Chandler.	865,237	Sept. 3	723	206	130	218
Advertising-stand.	J. H. Fletcher.	852,710	May 7	680	132	128	178
Advertising-vehicle.	W. A. Harrison.	862,904	Aug. 13	1308	356	129	2519
Aerated water. Manufacture of.	G. Higginson.	841,247	Jan. 15	2931	638	126	833
Aerating and bottling apparatus.	G. Higginson.	870,103	Nov. 5	348	97-8	131	116
Aerial cables. Apparatus for erecting.	R. S. Peirce.	840,009	Jan. 1	426	92	126	116
Aerial machine.	B. Connolly.	870,936	Nov. 12	1710	469	131	584
Aerial navigation.	H. M. Bellows.	844,771	Feb. 19	4100	875	126	2882
Aerial-navigation brake.	G. G. Schroeder.	841,581	Jan. 15	3572	773	126	999
Aerial navigator.	F. M. Mahan.	861,133	July 23	4345	1191	129	1528
Aerial ropeways. Clutch for.	G. Ceretti.	840,109	Jan. 1	631	137	126	167
Aerial system for mining purposes.	G. G. Schroeder.	841,582	Jan. 15	3574	773-5	126	1000
Aerial transportation system.	G. G. Schroeder.	841,579	Jan. 15	3565	769-70	126	997
Aerial transportation system for vessels.	G. G. Schroeder.	841,580	Jan. 15	3568	770-2	126	998
Aerial vehicles and other structures. Connection device for the frames of.	A. G. Bell and H. P. McNeil.	856,838	June 11	2727	565	128	2418
Aerial vessel.	T. Orgren.	852,292	Apr. 30	7192	1510	127	3555
Aerial vessel.	L. D. Merrick.	856,895	June 11	2827	590-1	128	2443
Aerial vessel.	F. B. Ashley.	872,778	Dec. 3	959	200	131	1319
Aerial vessel.	G. Halliday.	873,542	Dec. 10	2532	534-5	131	1606
Aerial vessels. Sustaining device for.	I. Gruber.	855,945	June 4	972	202	128	1939
Aeronautical machine.	A. McCarthy.	844,172	Feb. 12	2595	556	126	2474
Aeroplane.	D. L. Moorhead.	865,419	Sept. 10	1021	292	130	339
Aeroplane. Navigable.	B. F. Mickle.	851,683	Apr. 30	5976	1248	127	3245
Aeroplane or craft for aerial navigation.	A. and H. Dufaux.	846,830	Mar. 12	2241	492	127	600
Agglomerated body.	W. Schumacher.	864,804	Sept. 3	61	130	122	604
Agglomerating materials.	W. Schumacher.	859,411	July 9	1702	586	127	2328
Agitator.	B. Solis.	850,069	Apr. 9	2784	1437	127	3476
Agitator.	F. W. Gowan.	852,114	Apr. 30	6880	921	128	2898
Agitator.	L. M. Stern.	857,683	June 25	4356	156	130	169
Agitator or mixing apparatus.	R. Smith.	865,128	Sept. 3	557	381	126	2277
Agricultural implement.	E. V. Fielder.	843,741	Feb. 12	1790	241	127	1892
Agricultural implement.	D. S. Capron.	849,202	Apr. 2	1188	417	127	2142
Agricultural implement.	H. C. Weaver.	849,646	Apr. 9	2036	750	127	2577
Agricultural implement.	F. W. Miller.	850,482	Apr. 16	3567	1364	127	3394
Agricultural implement.	P. Petersen.	851,959	Apr. 30	6548	1208-9	128	1579
Agricultural implement.	J. J. Hurt.	855,247	May 28	5798	187	128	1921
Agricultural implement.	W. J. Orr.	855,902	June 4	900	1078	131	1129
Agricultural implement.	L. A. Aspinwall.	872,316	Nov. 26	4554	504	128	654
Agricultural implements. Riding attachment for.	N. H. Bloom.	853,574	May 14	2420	750	130	2217
Agricultural implements. Shift mechanism for.	P. Meagher.	868,934	Oct. 22	2723	219	126	269
Agricultural implements. Spindle or hub for.	W. C. Barker.	840,288	Jan. 1	1002	58-60	128	1769
Agricultural machine.	T. J. Thorp.	855,596	June 4	287	562	130	689
Agricultural machine.	A. A. Lax, G. W. Hinson, and J. I. Willhoit.	866,040	Sept. 17	2014	694	126	2669
Air and distributing water and other fluids. Apparatus for moistening the.	C. H. Prött.	844,466	Feb. 19	3217	256-7	128	317
Air and gas compressors. Automatic regulator for.	F. E. Norton.	852,976	May 7	1247	1224-5	131	2232
Air and gas mixer.	W. H. Hess.	875,175	Dec. 31	5872	467	128	608
Air and gas mixers. Valve-operating mechanism for automatic.	W. L. Tuttle.	853,487	May 14	2243	649-51	129	2884
Air and gas mixing apparatus. Air-supplying and pressure-regulating means for.	E. A. Hall.	863,602	Aug. 20	2372	253	127	293
Air and gases. Thermic compressor for.	E. Gobbe.	846,302	Mar. 5	1155	523	128	682
Air and other gases. Separating fine suspended particles from.	W. J. Baldwin.	853,619	May 14	2525	282-4	129	2406
Air and regulating pressure thereof. Apparatus for supplying.	E. A. Hall.	862,732	Aug. 6	1050	815	127	993
Air and the like. Means for compressing.	J. Gill.	847,569	Mar. 19	3697	245	129	2367
Air and water cooling apparatus.	J. Little.	862,646	Aug. 6	915	411	128	544
Air. Apparatus for extracting moisture from compressed.	J. R. Duncan.	853,345	May 14	1989	845,047	Feb. 26	4623
Air-blast drier.	J. Beernink.	845,047	Feb. 26	4623	180	126	219
Air-brake.	L. E. Black.	840,197	Jan. 1	820	850	126	1119
Air-brake.	H. H. Westinghouse.	841,750	Jan. 22	3924	850	126	1120
Air-brake.	H. H. Westinghouse.	841,751	Jan. 22	3926	1040-1	128	1374
Air-brake.	T. H. Van Dyke.	854,857	May 28	4996	643	128	2537
Air-brake.	O. T. Beatty.	857,010	June 18	3053	422	129	568
Air-brake.	F. B. Rae.	859,334	July 9	1589	1010	129	3308
Air-brake.	J. B. Wright.	864,441	Aug. 27	3632	1008	130	2541
Air-brake.	W. S. Bilbrey.	869,543	Oct. 29	3678	1339	131	2321
Air-brake.	E. B. Powers.	875,454	Dec. 31	6416	1173	126	3282
Air-brake apparatus.	R. J. Wilson.	845,500	Feb. 26	5534	1384	127	3418
Air-brake apparatus.	R. J. Wilson.	852,007	Apr. 30	6649	244	128	300
Air-brake apparatus.	A. H. Geltz and L. L. Hosack.	852,949	May 7	1184	544	128	707
Air-brake apparatus.	H. F. Bickel.	853,673	May 14	2622	1635-6	129	2049
Air-brake apparatus.	C. E. Turner. (Reissue).	12,677	July 30	5909	711	129	2949
Air-brake apparatus.	E. D. Nelson and W. L. Brown.	863,746	Aug. 20	2572	194	130	207
Air-brake apparatus.	W. T. Robinson, J. W. Neighbours, and W. O. Pierce.	865,210	Sept. 3	679	869,930	Nov. 5	78
Air-brake apparatus and method. Automatic.	J. T. McIntosh and J. S. Manton.	869,930	Nov. 5	78	188	130	201
Air-brake appliance. Emergency.	H. W. Meigs.	865,198	Sept. 3	662	601	126	2532
Air-brake attachment.	G. Emery.	844,270	Feb. 12	2818	1154	127	3099
Air-brake attachment.	R. P. Williams.	851,465	Apr. 23	5512			

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Air brake. Automatic.	A. Parker-Smith.	839,881	Jan. 1	158	36	125	45
Air brake. Automobile.	J. T. Johnson.	872,732	Dec. 3	875	181	131	1304
Air brake. Combined automatic and straight.	W. V. Turner and E. A. Wright.	842,923	Feb. 5	162	38	126	1831
Air brake. Combined automatic and straight.	E. A. Wright.	863,823	Aug. 20	2607	744	129	2600
Air brake. Compressed.	F. Jordan.	871,509	Nov. 19	2881	722	131	836
Air-brake-controlling mechanism.	E. G. Shortt.	862,205	Aug. 6	152	43-4	129	2131
Air-brake coupling.	E. D. Nelson and W. L. Brown.	863,744	Aug. 20	2569	710	129	2948
Air-brake coupling. Automatic.	T. B. McMillan.	861,043	July 23	4218	1155	129	1484
Air-brake coupling device.	C. B. Koehler.	867,280	Oct. 1	78	24	130	1338
Air-brake coupling for railway-cars. Automatic.	F. H. Rutherford.	853,424	May 14	2122	443	128	576
Air-brake cylinders. Packing expander for.	G. Christenson.	862,540	Aug. 6	749	200	129	2317
Air-brake for cars. Automatic.	W. J. Dankel.	841,636	Jan. 15	3682	799	126	1026
Air-brake hose coupling.	O. J. Goldsmith.	855,242	May 28	5785	1206	128	1576
Air-brake hose coupling.	C. Major and F. Sanford.	859,236	July 9	1427	379	129	515
Air-brake locking device.	E. W. Shaw.	865,615	Sept. 10	1352	383	130	442
Air-brake mechanism.	V. C. Orange and F. M. Bowers.	855,863	June 4	818	170-1	128	1900
Air-brake mechanism.	W. V. Turner.	841,470	Jan. 15	3367	728	126	946
Air-brake mechanism.	A. L. Goodknight.	847,936	Mar. 19	4483	983	127	1183
Air-brake mechanism.	C. G. Landholm.	849,550	Apr. 9	1861	378	127	2008
Air-brake mechanism.	J. J. Cott.	850,504	Apr. 16	3739	781	127	2617
Air-brake mechanism. Automatic.	G. H. Boswell.	858,645	July 2	502	129-30	129	175
Air-brake pistons and cylinder-heads. Device for holding.	W. McCook.	843,481	Feb. 5	1272	267-8	126	2111
Air-brake pistons and cylinder-heads. Device for holding.	W. S. Scott.	854,242	May 21	3815	787	128	1047
Air-brake safety appliance.	W. H. Winks.	840,279	Jan. 1	989	215	126	266
Air-brake safety device.	J. W. Guffey.	870,284	Nov. 5	643	172	131	209
Air-brake safety-valve.	T. Behan.	867,234	Oct. 1	11	4	130	1320
Air-brake-safety device and alarm. Combined.	R. E. Adreon.	845,736	Mar. 5	1	1	127	3
Air-brake system.	F. B. Corey.	841,231	Jan. 15	2902	631	126	826
Air-brake system.	W. H. Eichleberger.	842,774	Jan. 29	6116	1290-1	126	1703
Air-brake system.	G. Macloskie.	843,758	Feb. 12	1824	388	126	2285
Air-brake system.	W. V. Turner.	846,528	Mar. 12	1632	363	127	444
Air-brake system.	D. M. Daley.	852,108	Apr. 30	6808	1435	127	3473
Air-brake system.	L. Tucker.	858,121	June 25	5271	1119	128	3130
Air-brake system.	L. Tucker and J. A. Shunk.	858,122	June 25	5273	1119	128	3131
Air-brake system.	A. A. St. Clair.	860,946	July 23	4054	1110-11	129	1433
Air-brake system.	H. N. Ransom.	867,533	Oct. 1	452	133	130	1457
Air-brake system.	H. N. Ransom.	868,481	Oct. 15	1988	554	130	1961
Air-brake system.	C. E. Barry.	868,592	Oct. 15	2178	608	130	2025
Air-brake system.	L. A. Hawkins.	869,364	Oct. 29	3393	934	130	2453
Air-brake system.	G. Macloskie.	869,444	Oct. 29	3529	967	130	2492
Air-brake system.	A. L. Goodknight.	869,837	Oct. 29	4137	1142	130	2677
Air-brake system.	F. H. Dukessmith. (Reissue).	12,712	Oct. 29	4198	1160	130	2696
Air-brake system and engineer's valve.	F. H. Dukessmith.	874,054	Dec. 17	3559	758	131	1808
Air-brake system and engineer's valve. Automatic.	G. Macloskie.	851,818	Apr. 30	6245	1303	127	3317
Air-brake system. Elevator.	F. B. Corey.	863,785	Aug. 20	2640	731	129	2671
Air-brake-system safety attachment.	A. H. Meach.	860,986	July 23	4128	1131-3	129	1457
Air-brake systems. Air-cleaner for.	C. E. Lyter.	871,717	Nov. 19	3254	806	131	902
Air-brake systems. Automatic governor for.	R. S. Wallace.	853,137	May 7	1540	320	128	389
Air-brake systems. Automatic warning-signal for.	J. W. Richardson.	869,731	Oct. 29	3986	1101	130	2632
Air-brakes. Quick-action automatic release mechanism for.	R. P. Nolan.	869,323	Oct. 29	3331	915	130	2433
Air-brakes. Quick-action automatic release mechanism for.	L. Krimmelbein. (Reissue).	12,680	Aug. 13	2313	633-4	129	2834
Air-cleaning apparatus. Dust-laden.	A. Lotz.	845,364	Feb. 26	5267	1117	126	3216
Air. Compressing and purifying.	W. O. Feit.	869,966	Nov. 5	128	36	131	42
Air-compressing system.	A. Sauer.	869,739	Oct. 29	3996	1104-5	130	2636
Air-compressor.	E. Hill. (Reissue).	12,599	Jan. 22	4758	1016-17	126	1326
Air-compressor.	A. McCarthy.	844,173	Feb. 12	2597	556	126	2474
Air-compressor.	J. O. Banning.	844,648	Feb. 19	3833	812	126	2814
Air-compressor.	H. H. Herrmann.	844,724	Feb. 19	4002	852	126	2855
Air-compressor.	W. E. Gray.	847,720	Mar. 19	3508	767-8	127	944
Air-compressor.	A. Good.	847,763	Mar. 19	4115	898-9	127	1004
Air-compressor.	W. Selukosky.	848,775	Apr. 2	316	65	127	1667
Air-compressor.	J. J. Bring.	850,298	Apr. 16	3070	643-4	127	2441
Air-compressor.	R. A. and L. B. Cousins.	852,541	May 7	328	59	128	90
Air-compressor.	R. Berrenberg and A. S. Drisko.	852,817	May 7	907	186	128	231
Air-compressor.	L. B. Cousins.	855,697	June 4	484	101	128	1810
Air-compressor.	W. Reuvell.	860,826	July 23	3858	1057-8	129	1369
Air-compressor.	J. F. Davidson.	860,905	July 23	3991	1094	129	1413
Air-compressor.	G. C. McFarlane.	865,424	Sept. 10	1025	293	130	340
Air-compressor.	A. McCarthy.	866,878	Sept. 24	3260	916-17	130	117
Air-compressor and intercooler.	J. G. Leyner.	849,333	Apr. 2	1423	287-8	127	1660
Air-compressor and similar device.	M. W. Hall.	853,356	May 14	2012	416	128	548
Air-compressor and the like.	G. De Laval and G. P. Aborn.	845,653	Feb. 26	5817	1220	126	3351
Air-compressor. Automatic tidal.	W. O. Webber.	854,000	May 21	3336	685	128	924
Air-compressor combined with an explosive-motor.	A. Michellin.	854,371	May 21	4034	834	128	1104
Air-compressor driving mechanism.	B. Ohear.	851,556	Apr. 23	5090	1193	127	3142
Air-compressor governor.	E. Hill.	844,801	Feb. 19	4161	880-7	126	2890
Air-compressor. Hydraulic.	J. E. Nash.	864,677	Aug. 27	4039	1121	129	3433
Air-compressor. Motor-driven.	E. D. Priest and E. J. Bring.	863,556	Aug. 13	2286	624-5	129	2827
Air-compressor. Rotary.	G. C. Vollmer.	852,749	May 7	748	147-8	128	196
Air-compressor. Turbine.	E. C. Pollard.	871,626	Nov. 19	3101	770-1	131	874
Air-compressors. Control of electrically-driven.	E. Hill.	865,388	Sept. 10	978	280-1	130	326
Air-compressors. Control of electrically-driven.	E. Hill.	865,389	Sept. 10	980	281	130	326
Air-compressors. Means for unloading.	E. Hill.	865,390	Sept. 10	982	282	130	327
Air-compressors. Piston for.	R. Michle.	852,889	May 7	1008	220	128	273
Air-containing dust. Device for purifying.	J. L. Palous.	840,654	Jan. 8	1739	383	126	489
Air-conveyer. Fresh.	K. Anthony.	870,407	Nov. 5	855	227	131	281
Air-cooled engine.	N. E. Harris.	864,534	Aug. 27	3812	1057	129	3365
Air-cooler and purifier.	C. W. Vollmann.	850,985	Apr. 23	4552	964	127	2860
Air-cooler or surface.	J. E. Starr.	869,747	Oct. 29	4007	1107	130	2038
Air-cooling and humidifying apparatus.	J. Kelly.	847,185	Mar. 12	2922	643	127	767
Air-cooling and humidifying apparatus.	J. D. Minto and J. Kelly.	855,719	June 4	524	110	128	1819
Air-cooling apparatus.	O. Sterkol.	862,767	Aug. 6	1098	296	129	2410
Air coupling.	F. C. Peabody.	864,487	Aug. 27	3697	1031	129	3330

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Pat.	Vol.	Page.
Air-coupling device. Automatic	W. H. Sutherland and R. N. Van Horne	844,483	Feb. 19	3264	704	126	2681
Air-currents. Apparatus for separating dust from dust-laden	A. Lotz	845,502	Feb. 26	5640	1195	126	3309
Air-currents. Separating solid material held in suspension by	A. Lotz	845,503	Feb. 26	5642	1195	126	3309
Air. Dedicating	P. A. Maignen and T. I. Crane	853,559	May 14	2391	498	128	646
Air-drier	F. T. Stare	872,027	Nov. 25	3988	958	131	1036
Air-drier	E. W. Cooke	872,054	Nov. 25	4040	968	131	1045
Air-drill. Portable	S. P. Johnson	863,030	Aug. 13	1495	406	129	2580
Air-feeding device	W. D. Douglas	842,845	Jan. 29	6251	1320-1	126	1737
Air-filter	I. F. Wallace and W. L. Kellogg	846,530	Jan. 8	1502	333	126	430
Air filter and cooler	L. F. Pawley	849,568	Apr. 9	1894	387	127	2107
Air-heater	E. T. Slaughter	841,591	Jan. 15	3593	781	126	1004
Air-heater	A. H. Lovejoy	873,566	Dec. 10	2584	544 5	131	1614
Air-heater	F. W. Green	874,673	Dec. 24	4849	1018	131	2045
Air. Heating and humidifying	W. H. Carrier	854,270	May 21	3858	797	128	1057
Air in rooms. Apparatus for cooling, moistening, and purifying the	D. Buhlmann	847,232	Mar. 12	3018	665	127	792
Air-inspirator	J. Helmlich	870,167	Nov. 5	449	124	131	147
Air. Means for controlling the flow of	J. H. Brady	848,803	Apr. 2	377	75	127	1685
Air-modifying apparatus	F. White	864,346	Aug. 27	3482	968-9	129	3259
Air moistener or evaporator	J. W. Johnson	842,955	Feb. 5	224	50	126	1845
Air. Moistening	H. Bentz	848,340	Mar. 26	5271	1149	127	1418
Air-moistening apparatus	H. Bentz	848,341	Mar. 26	5273	1149-50	127	1418
Air-motor	P. Klefer	868,868	Oct. 22	2619	724	130	2184
Air motor. Compressed	T. L. Jones	874,771	Dec. 24	5042	1062	131	2077
Air or fluid compressor. Rotary	C. A. Kalsar	847,946	Mar. 19	4502	986-7	127	1188
Air or other gases. Means for heating compressed	E. W. Lloyd and W. H. Sodeman	850,307	Apr. 16	3246	676	127	2490
Air-pressure brake	E. Kramer. (Reissue)	12,710	Oct. 29	4193	1157-9	130	2695
Air-purifier	F. A. Ward	871,652	Nov. 19	3143	780	131	881
Air. Purifying	J. M. Dietlerle	840,756	Jan. 8	1945	427-8	126	540
Air-purifying apparatus	J. H. Kinealy	852,122	Apr. 30	6896	1440	127	3480
Air-purifying apparatus	G. Clements and J. M. Hostler	864,078	Aug. 20	3067	848	129	3101
Air purifying, cooling, and drying apparatus	H. E. Deckebach	852,543	May 7	332	59	128	91
Air-purifying device	G. E. and R. Dressler	852,423	May 7	25	6	128	9
Air-purifying water-screen	W. J. Rafferty	846,344	Mar. 5	1244	274	127	313
Air. Regenerating and purifying	R. von Forerger and G. F. Brindley	853,402	May 14	2086	433-4	128	567
Air. Regulating the temperature of	P. Mandeville and W. C. Walker	848,595	Mar. 26	5763	1258	127	1540
Air-ship	J. Moden	810,078	Jan. 1	580	126	126	151
Air-ship	H. H. Johnson	840,339	Jan. 1	1102	230-40	126	204
Air-ship	J. A. Elston	845,539	Feb. 26	5005	1187	126	3301
Air-ship	J. M. Miller	847,965	Mar. 19	4548	999	127	1198
Air-ship	G. G. Schwabek	848,055	Mar. 26	4742	1034	127	1285
Air-ship	J. E. Taylor	849,029	Apr. 2	824	169 70	127	1798
Air-ship	J. Shukwech	850,800	Apr. 16	4191	879-80	127	2729
Air-ship	T. S. Baldwin	851,481	Apr. 23	5545	1161-2	127	3105
Air-ship	J. C. Reckweg	852,239	Apr. 30	7105	1489-7	127	3534
Air-ship	H. Faehrmann	853,542	May 14	2353	490	128	637
Air-ship	G. Bold	853,760	May 14	2810	578-9	128	757
Air-ship	E. Baumann	854,555	May 21	4375	906-7	128	1186
Air-ship	W. Hull	856,876	June 11	2794	582-3	128	2434
Air-ship	L. Haines	859,765	July 9	2224	605	129	774
Air-ship	C. L. Buckwalter	861,017	July 23	4181	1145	129	1474
Air-ship	C. McCormick	864,672	Aug. 27	4031	1118	129	3431
Air-ship	W. S. Miccarok	865,415	Sept. 10	1015	290	130	337
Air-ship	T. Kornbrodt	866,605	Sept. 24	2932	829	130	1008
Air-ship	A. G. Russell	867,083	Sept. 24	3581	1016	130	1216
Air-ship	M. Schiavone	868,223	Oct. 15	1565	445 7	130	1833
Air-ship	A. W. H. Gripepe	869,238	Oct. 29	3180	870	130	2386
Air-ship	A. C. Ellsworth	871,164	Nov. 19	2117	567-8	131	720
Air-ship	G. W. Lane	871,710	Nov. 19	3242	893	131	809
Air-ship	A. S. Fadda and J. Di Lorenzo	872,334	Dec. 3	31	6	131	1173
Air-ship. Advertising or other	J. C. Burnell	854,461	May 21	4212	872	128	1148
Air-ship attachment	A. Mathews	870,448	Nov. 5	915	247	131	290
Air-signal, air-brake, and steam coupling. Automatic	H. C. Priebe	851,316	Apr. 23	5231	1006-7	127	3030
Air-signal, air-brake, and steam coupling. Automatic	H. C. Priebe	857,362	June 18	3726	787	128	2709
Air-treating machine	C. A. Rumble	866,692	Sept. 17	2829	793-4	130	946
Air-vent. Safety	W. H. McNutt	858,900	July 2	922	241	129	318
Air-washer	C. W. Rogers	843,180	Feb. 5	703	146	126	1971
Air-wheel	H. A. Lockwood	864,317	Aug. 27	3440	957-8	129	3244
Alarm:							
See Automatic alarm.	Incubator-alarm.						
Automobile-alarm.	Liquid-flow alarm.						
Burglar-alarm.	Low-water alarm.						
Electric alarm.	Railway-alarm.						
Electric time alarm.	Refrigerator-alarm.						
Electrical thermostatic alarm.	Roaster-alarm.						
Engineer's alarm.	Semaphore safety-alarm.						
Fire-alarm.	Tank-alarm.						
Fire and burglar alarm.	Thaw-alarm.						
Fire-escape alarm.	Water-alarm.						
High and low water alarm.	Window and door alarm.						
Alarm	C. Mahla	843,904	Feb. 12	2104	450	126	2354
Alarm	T. H. Troland	804,576	Aug. 27	3883	1077	129	3387
Alarm	T. R. Kinsella and C. W. Hodgetta	866,484	Sept. 17	2658	743	130	894
Alarm and signal mechanism	E. E. Flora and R. J. Zorge	860,206	July 16	2904	793-4	129	1023
Alarm apparatus	L. W. Pennington	872,581	Dec. 3	564	117	131	1264
Alarm-box attachment	L. G. Holden	870,963	Nov. 12	1755	478	131	599
Alarm-circuit	J. F. Bastel	875,491	Dec. 31	6485	1354	131	2333

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Alarm dead-lock.....	M. Sheinman.....	869,462	Oct. 29	3552	974	130	2503
Alarm device.....	J. K. Stewart.....	851,261	Apr. 23	5107	1074	127	2997
Alarm device.....	G. E. Rideout.....	857,906	June 25	4800	1018	128	3009
Alarm device. Automatic.....	L. Strodbeck.....	859,147	July 2	1288	343	129	435
Alarm device. Electric.....	J. F. O'Neill.....	840,582	Jan. 8	1614	354	126	457
Alarm device. Electrical.....	B. Menkin.....	875,091	Dec. 31	5712	1190-1	131	2206
Alarm for gages, clocks, &c.....	A. Charland.....	843,929	Feb. 12	2152	459	126	2367
Alarm-gage.....	G. A. Wall and J. H. Derby.....	841,743	Jan. 22	3905	846-7	126	1116
Alarm in case of burglary, &c. Apparatus for automatically giving.....	J. Carter.....	840,432	Jan. 1	1300	286-7	126	340
Alarm-lock.....	O. Miller and P. Kunzinger.....	855,469	June 4	51	12	128	1707
Alarm-lock.....	H. C. Ferguson.....	858,864	July 2	875	228	129	301
Alarm mechanism.....	L. Paisley.....	869,728	Oct. 29	3982	1100	130	2631
Alarm mechanism. Automatic.....	C. Breiland.....	851,915	Apr. 30	6442	1345	127	3367
Alarm-signal.....	R. J. Zorge.....	845,991	Mar. 5	555	116-17	127	142
Alarm-signal.....	E. E. Flora.....	853,579	May 14	2429	506	128	665
Alarm system. Electrical.....	W. N. Fawcett.....	873,935	Dec. 17	3313	707	131	1770
Album.....	G. A. Jaeger.....	864,648	Aug. 27	3988	1106	129	3418
Album.....	H. Uffner.....	872,547	Dec. 3	491	103	131	1243
Album.....	T. A. Macdonald.....	875,545	Dec. 31	6589	1377	131	2350
Album. Card.....	H. D. Lentz.....	868,458	Oct. 15	1955	546	130	1950
Album. Post-card.....	R. F. Morse.....	858,891	July 2	909	237	129	313
Album. Sectional.....	J. A. Mudd.....	851,546	Apr. 23	5669	1187	127	3137
Albuminous substances. Treatment of.....	R. Desgeorge.....	863,268	Aug. 13	1883	129	2701	
Alcohol and obtaining the same from carboxylic compounds.....	L. Bouveault and G. Blanc.....	868,252	Oct. 15	1613	130	1849	
Alcohol-burner.....	H. P. Glazier.....	870,164	Nov. 5	446	123	131	146
Alcohol heater. Denatured.....	G. G. Schroeder.....	866,604	Sept. 17	2831	794-5	130	947
Alcohol-producing apparatus.....	F. H. Bowly.....	866,426	Sept. 17	2578	720	130	869
Alcohols and fatty acid. Effecting a combination between selected members of the.....	E. Twitchell.....	844,426	Feb. 19	3141	126	2651	
Alcohols and their derivatives. Production of aromatic.....	C. Mettler. (Reissue).....	12,654	May 21	4699	128	1268	
Alcoholic liquors. Apparatus for refining, aging, mellowing, and purifying.....	J. F. Duffy.....	853,071	May 7	1425	297	128	361
Aldehydes and solutions thereof. Making.....	H. S. Blackmore.....	868,320	Oct. 15	1738	491	130	1885
Alimentary products. Manufacture of.....	P. Müller, Jr.....	863,081	Aug. 13	1582	129	2608	
Alkali hydrates and zinc sulfid. Apparatus for producing.....	C. Ranson.....	850,965	Apr. 23	4524	947	127	2853
Alkali metals. Electrolytic production of earth-.....	G. O. Seward and F. von Kugelgen.....	864,928	Sept. 3	261	69	130	82
Alkali perborates. Making.....	O. Liebknecht.....	842,471	Jan. 29	5467	126	1549	
Alkali perborates. Making.....	O. Liebknecht.....	842,472	Jan. 29	5468	126	1549	
Alkali perborates. Making.....	O. Liebknecht.....	842,473	Jan. 29	5469	126	1549	
Alkaline chlorid. Electrolysis of fused.....	F. von Kugelgen and G. O. Seward.....	868,670	Oct. 22	2317	130	2094	
Alkyl ethers of aromatic bodies. Making.....	M. Engelmann.....	863,792	Aug. 20	2649	129	2974	
Alkyl ethers of morphin. Making.....	L. H. Reuter.....	842,011	Jan. 22	4454	126	1252	
Alloy.....	A. H. Smith.....	849,927	Apr. 9	2554	127	2274	
Alloy.....	F. W. Fletcher.....	867,194	Sept. 24	3764	130	1274	
Alloy. Aluminium.....	A. Chambaud.....	856,392	June 11	1896	128	2210	
Alloy and its manufacture. Steel.....	J. Churchward.....	846,979	Mar. 12	2537	127	676	
Alloy and producing it.....	F. M. Becket.....	858,327	June 25	5630	128	3221	
Alloy. Magnetic.....	R. A. Hadfield.....	842,403	Jan. 29	5302	126	1505	
Alloy. Metal.....	A. E. Hobson.....	846,851	Mar. 12	2284	127	612	
Alloy. Metal.....	E. Haynes.....	873,745	Dec. 17	2943	131	1708	
Alloy. Metal.....	E. Haynes.....	873,746	Dec. 17	2945	131	1708	
Alloy of iron and steel. Self-hardening.....	J. Churchward.....	845,756	Mar. 5	51	127	17	
Alloy of steel. Self-hardening.....	J. Churchward.....	845,757	Mar. 5	52	127	17	
Alloy or compound. Metallic.....	W. Ribbel.....	864,140	Aug. 20	3173	129	3134	
Alloys by heating and chilling. Improving aluminium.....	F. G. A. Wilm.....	868,383	Oct. 15	1835	516	130	1913
Alloys. Heat treatment of steel.....	J. Churchward.....	855,756	June 4	608	125	128	1852
Alloys. Manufacture of.....	G. E. Buttenshaw.....	854,462	May 21	4215	128	1149	
Alloys. Manufacture of.....	W. Ruebel.....	864,139	Aug. 20	3172	129	3134	
Alloys. Producing.....	F. M. Becket.....	866,561	Sept. 17	2762	130	925	
Alloys. Producing low-carbon ferro.....	E. F. Price.....	852,347	Apr. 30	7293	1533	127	3579
Alloys. Production of calcium.....	F. von Kugelgen and G. O. Seward.....	856,475	June 11	2053	422	128	2248
Alloys to alter their composition. Treatment of.....	I. L. Roberts.....	845,819	Mar. 5	171	127	46	
Alluvial deposits. Apparatus for recovering values from.....	O. T. Crosby.....	863,700	Aug. 20	2505	691	129	2929
Altar-tabernacle.....	J. Rauwald.....	841,180	Jan. 15	2800	611	126	801
Alternator. Compounded self-excited.....	M. C. A. Latour.....	869,187	Oct. 22	3098	853	130	2334
Alternator. Inductor magneto.....	L. J. Le Pontois.....	843,541	Feb. 5	1414	297	126	2146
Alternator. Self-exciting.....	L. J. Le Pontois.....	855,713	June 4	510	106	128	1825
Alternator. Shunt-wound self-excited.....	M. C. A. Latour.....	869,186	Oct. 22	3095	852-3	130	2336
Alumina and alkali compounds of sulfur. Manufacture of.....	A. Clemm.....	845,854	Mar. 5	235	127	61	
Alumina and alkali sulfur salts. Manufacture of.....	A. Clemm.....	848,612	Mar. 26	5803	127	1548	
Aluminium and other metals. Producing.....	H. S. Blackmore.....	872,985	Dec. 3	1390	292	131	1384
Aluminium nitrids. Producing.....	O. Serpek.....	867,615	Oct. 8	597	130	1516	
Aluminium. Solder for.....	C. Ellis.....	863,058	Aug. 13	1529	129	2590	
Amalgam. Apparatus for the manufacture of reducing.....	H. P. Ewell.....	841,006	Jan. 8	2431	331	126	660
Amalgamating-table. Shaking.....	G. T. Hood and W. M. Cochrane.....	860,474	July 16	3312	907-8	129	1160
Amalgamator.....	H. L. Lightner.....	841,990	Jan. 22	4410	951	126	1240
Amalgamator.....	W. H. Stiglitz.....	866,084	Sept. 17	2087	581	130	712
Amalgamator.....	G. E. Paulins.....	870,643	Nov. 12	1223	332	131	433
Amalgamator and concentrator.....	J. A. Jean.....	847,077	Mar. 12	2726	601	127	719
Ambulance-stretcher and hospital-chair. Combined.....	C. E. Bensinger and F. L. Thomas.....	865,006	Sept. 3	383	104	130	120
Ambulatory wheel.....	W. T. Jones.....	856,259	June 11	1574	330	128	2126
Ammonia-compressor.....	F. A. Rider.....	855,757	July 2	681	179-80	129	236
Ammonia from distillers' washes. Recovery of.....	J. Effant.....	868,976	Oct. 22	2731	130	2236	
Ammonia from gas. Recovery of.....	H. Koppers.....	846,035	Mar. 5	640	134	127	164
Ammonia from gases. Extraction of.....	W. Feld.....	851,349	Apr. 23	5295	127	3045	

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Ammonia, &c. Obtaining.....	H. Koppers.....	862,976	Aug. 13	1412	384-5	129	2554
Ammonium nitrate. Production of.....	E. R. Caspari, O. Nydegger, and A. Goldschmidt.....	864,513	Aug. 27	3757	.....	129	3350
Ammunition-box.....	G. Schwarz.....	847,833	Mar. 19	4272	936	127	1132
Ammunition-case.....	G. Schwarz.....	848,500	Mar. 26	5564	1215	127	1489
Ammunition-hoisting apparatus for ordnance.....	A. T. Dawson and J. Horne.....	847,917	Mar. 19	4449	975	127	1175
Ammunition wagon or caisson.....	C. P. E. Schneider and E. Rimailho.....	868,224	Oct. 15	1575	447	130	1837
Amusement apparatus.....	J. W. O'Donnell.....	841,173	Jan. 15	2789	608-9	126	798
Amusement apparatus.....	L. A. Jones.....	841,783	Jan. 22	4000	864	126	1141
Amusement apparatus.....	H. G. Traver.....	842,276	Jan. 29	5008	1069	126	1421
Amusement apparatus.....	R. Dodson.....	842,635	Jan. 29	5804	1225-6	126	1628
Amusement apparatus.....	A. L. N. Fleming.....	844,720	Feb. 19	3995	851	126	2854
Amusement apparatus.....	E. A. Smith.....	848,061	Mar. 26	4749	1036	127	1286
Amusement apparatus.....	N. G. Warth.....	852,149	Apr. 30	6945	1450	127	3493
Amusement apparatus.....	F. E. Boardman.....	853,155	May 7	1566	326	128	396
Amusement apparatus.....	A. S. Fitch.....	857,338	June 18	3678	778	128	2699
Amusement apparatus.....	A. J. Dayton.....	857,605	June 25	4209	889	128	2860
Amusement apparatus.....	J. H. and H. S. Porter.....	857,903	June 25	4787	1016-17	128	3006
Amusement apparatus.....	W. B. Thomas.....	858,768	July 2	700	185	129	243
Amusement apparatus.....	C. L. Barnhart.....	861,248	July 30	4527	1238-9	129	1618
Amusement apparatus.....	F. M. Cory.....	862,311	Aug. 6	340	94	129	2188
Amusement apparatus.....	J. W. Amittage.....	863,133	Aug. 13	1675	449	129	2637
Amusement apparatus.....	O. Roberts.....	864,033	Aug. 20	3000	829	129	3081
Amusement apparatus.....	C. V. Johnson.....	866,659	Sept. 24	2924	826	130	1005
Amusement apparatus.....	A. L. Plotner.....	866,680	Sept. 24	2958	838	130	1015
Amusement apparatus.....	O. Hermann.....	867,506	Oct. 1	419	119-20	130	1445
Amusement apparatus.....	H. F. Maynes.....	870,378	Nov. 5	817	217	131	268
Amusement apparatus.....	T. Van Kannel.....	871,744	Nov. 19	3307	817-18	131	910
Amusement apparatus.....	H. E. Riehl.....	872,253	Nov. 26	4435	1053-4	131	1110
Amusement apparatus.....	W. F. Mangel and C. N. Brewster.....	873,570	Dec. 10	2595	547	131	1616
Amusement apparatus.....	E. T. Sulzer, M. Garanger, and V. J. Dey.....	874,135	Dec. 17	3766	793-4	131	1835
Amusement apparatus. Portable.....	T. A. and T. H. Fulton.....	865,584	Sept. 10	1298	367-8	130	423
Amusement device.....	F. T. Hoover.....	840,214	Jan. 1	866	187	126	235
Amusement device.....	J. E. Cisco.....	840,299	Jan. 1	1019	223	126	274
Amusement device.....	L. Moran.....	840,705	Jan. 8	1846	406	126	517
Amusement device.....	P. A. Tilyou.....	841,468	Jan. 15	3363	727	126	944
Amusement device.....	H. S. Bassett.....	842,058	Jan. 22	4543	977	126	1272
Amusement device.....	A. Francovich.....	844,116	Feb. 12	2485	533-4	126	2447
Amusement device.....	C. L. Hagen.....	844,676	Feb. 19	3896	823-4	126	2830
Amusement device.....	I. S. Moscovitz.....	845,967	Mar. 5	498	103	127	129
Amusement device.....	G. Kramer.....	846,925	Mar. 12	2437	534	127	649
Amusement device.....	E. N. Chamberlain.....	847,240	Mar. 12	3033	668	127	795
Amusement device.....	H. F. Crickler.....	847,242	Mar. 12	3035	668-9	127	795
Amusement device.....	P. Boyton.....	849,970	Apr. 9	2622	546-7	127	2291
Amusement device.....	W. T. Watson.....	852,248	Apr. 30	7117	1489-90	127	3537
Amusement device.....	W. T. Watson.....	852,308	Apr. 30	7221	1516-17	127	3562
Amusement device.....	F. Williams.....	853,666	May 14	2613	542	128	704
Amusement device.....	R. F. Rice.....	853,898	May 14	3107	636-7	128	827
Amusement device.....	F. Putman and W. I. Leatherland.....	855,132	May 28	5581	1160-1	128	1521
Amusement device.....	J. P. Wetherill.....	857,851	June 25	4692	995	128	2963
Amusement device.....	J. A. Anslinger.....	858,777	July 2	712	188	129	247
Amusement device.....	F. W. Thompson.....	861,919	July 30	5579	1541	129	1947
Amusement device.....	G. E. Williams.....	862,042	July 30	5748	1597	129	1999
Amusement device.....	J. S. Winnett.....	862,365	Aug. 6	423	115	129	2218
Amusement device.....	J. S. Winnett.....	862,366	Aug. 6	424	115-16	129	2218
Amusement device.....	H. J. Westerman.....	862,777	Aug. 6	1110	300-1	129	2423
Amusement device.....	F. V. Croshier.....	863,362	Aug. 13	2019	544	129	2747
Amusement device.....	O. M. Stewart and J. A. Greer.....	868,369	Oct. 15	1816	511	130	1909
Amusement device.....	J. D. Vasey.....	868,950	Oct. 22	2749	758-9	130	2226
Amusement device.....	H. C. Hebig.....	869,083	Oct. 22	2950	813	130	2289
Amusement device.....	H. H. Pattee.....	869,801	Oct. 29	4083	1128	130	2660
Amusement device.....	J. W. Bourke.....	870,489	Nov. 5	969	265	131	314
Amusement device.....	W. J. Millican.....	871,722	Nov. 19	3261	807	131	903
Amusement device.....	W. J. Browne.....	871,777	Nov. 26	3401	836	131	952
Amusement device.....	C. C. Keen.....	872,627	Dec. 3	648	135-6	131	1269
Amusement device. Submarine.....	D. E. Washington.....	868,736	Oct. 22	2424	670	130	2125
Amusement. Illusion apparatus for.....	F. Darcy and S. Lubin.....	874,169	Dec. 17	3826	806	131	1846
Anastomotic clamp.....	G. F. Roosevelt.....	848,126	Mar. 26	4859	1061	127	1313
Anatomical specimens. Mounting for.....	O. G. Smith.....	852,807	May 7	887	180	128	226
Anchor.....	C. B. Alyea.....	853,331	May 14	1966	407	128	537
Anchor.....	W. McBride.....	857,094	June 18	3233	680	128	2584
Anchor.....	J. E. Johannessen.....	857,881	June 25	4736	1006	128	2993
Anchor.....	A. F. Eells.....	860,286	July 16	3021	827	129	1063
Anchor-bolt.....	I. Church.....	860,636	July 23	3583	982	129	1282
Anchor-compartment.....	S. A. Fraser and M. Jackson.....	856,239	June 11	1540	322	128	2117
Anchor device. Adjustable.....	W. L. Greeley.....	846,995	Mar. 12	2560	564	127	681
Anchor. Earth.....	C. E. Frost.....	855,298	May 28	5886	1226	128	1601
Anchor. Earth.....	C. E. Frost.....	859,650	July 9	2067	558	129	722
Anchor. Folding mushroom.....	C. E. Crane.....	847,320	Mar. 19	3195	702	127	864
Anchor for air-ships.....	D. Thomas.....	856,003	June 4	1078	224	128	1966
Anchor for ferry-boats.....	M. M. Hoos.....	843,458	Feb. 5	1223	256	126	2098
Anchor. Ground.....	B. W. P. Coghlin.....	848,634	Apr. 2	24	6	127	1590
Anchor. Guy.....	L. N. Stewart.....	864,391	Aug. 27	3549	986	129	3279
Anchor. Guy.....	E. W. Swarthout.....	864,392	Aug. 27	3550	987	129	3280
Anchor. Land.....	F. R. Parker.....	857,751	June 25	4495	948-9	128	2934
Anchor-packer.....	C. M. Heeter.....	859,060	July 2	1161	313	129	393
Anchor-post and stretcher.....	F. Underwood.....	849,441	Apr. 9	1624	330	127	2039
Anchor. Sea.....	F. Rouse.....	852,201	Apr. 30	7040	1470	127	3517
Anchorage. Expansion rock.....	G. F. Swortfeger.....	859,532	July 9	1871	503	129	660
Anesthetics. Apparatus for administering.....	F. V. Brookings.....	855,931	June 4	950	197	128	1933
Angle-finder.....	J. M. Ridley.....	842,584	Jan. 29	5678	1201	126	1597
Angle-iron and the like into different shapes of curvature. Machine for bending.....	E. O. Huvig.....	840,217	Jan. 1	872	188-9	126	237
Angle or splice bar.....	G. H. Williams.....	845,025	Feb. 19	4577	974	126	3002

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Invention.	Name.	No.	Date.	Monthly volume		Official Gazette.	
				Spec.	Dr. G.	Vol.	Page.
Animal boot. Draft.	J. J. Fitzgibbon.	872,060	Nov. 26	4052	971	131	1047
Animal-head. Imitation.	W. Stellwagen.	846,519	Mar. 12	1619	359	127	440
Animal-lifter.	P. M. Leftridge.	861,296	July 30	4616	1261	129	1651
Animal. Mechanical.	J. Hübsch.	868,564	Oct. 15	2113	591	130	2002
Animal-mouth opener.	A. Seabrant.	843,040	Feb. 5	401	87	126	1894
Animal-shears.	W. P. Sparks.	847,706	Mar. 19	4002	875	127	1070
Animal-shears.	J. K. Stewart.	860,159	July 16	2835	774	129	1004
Animal-shears.	T. A. Martin.	862,178	Aug. 6	107	29	129	2117
Animal-shears.	T. A. Martin.	874,522	Dec. 24	4564	957	131	1995
Animal-trap.	J. Gass.	840,206	Jan. 1	855	185	126	232
Animal-trap.	J. A. Ward.	840,673	Jan. 8	1777	391	126	498
Animal-trap.	J. K. Wedgworth.	841,200	Jan. 15	2831	617	126	809
Animal-trap.	W. D. Armstrong.	842,610	Jan. 29	5749	1215	126	1615
Animal-trap.	F. Kunkel.	842,837	Jan. 29	6232	1315	126	1732
Animal-trap.	L. Haas.	844,517	Feb. 19	3334	718	126	2698
Animal-trap.	F. C. Finkbeiner.	844,927	Feb. 19	4382	937	126	2953
Animal-trap.	J. C. Barker.	845,921	Mar. 5	409	83	127	105
Animal-trap.	J. M. Dubois.	848,295	Mar. 26	5183	1129	127	1396
Animal-trap.	C. Pemberton and W. S. Macdonald.	848,765	Apr. 2	287	58-9	127	1661
Animal-trap.	E. Sturgill.	848,866	Apr. 2	550	109	127	1730
Animal-trap.	T. Angerer.	851,335	Apr. 23	5265	1103	127	3038
Animal-trap.	O. H. and F. H. Voelkerding.	851,716	Apr. 30	6052	1264	127	3266
Animal-trap.	J. Wolf.	852,009	Apr. 30	6652	1385	127	3418
Animal-trap.	F. R. Baker.	854,867	May 28	5025	1045	128	1381
Animal-trap.	J. W. Collins.	855,230	May 28	5762	1200	128	1569
Animal-trap.	J. M. Kellogg.	856,883	June 11	2810	585-6	128	2439
Animal-trap.	C. F. Lamp.	856,889	June 11	2818	587-8	128	2441
Animal-trap.	R. E. Brown.	857,325	June 18	3653	774	128	2691
Animal-trap.	M. J. Hill.	857,879	June 25	4732	1005	128	2992
Animal-trap.	J. J. Nance.	857,892	June 25	4762	1011	128	3000
Animal-trap.	K. E. Johansson.	858,986	July 2	1060	279	129	362
Animal-trap.	W. L. Hardy.	860,209	July 16	2912	796	129	1026
Animal-trap.	M. J. Cannon.	862,446	Aug. 6	574	151-2	129	2269
Animal-trap.	A. M. Grubbs.	864,142	Aug. 20	3177	877	129	3135
Animal-trap.	H. Turner.	866,987	Sept. 24	3423	970	130	1168
Animal-trap.	O. D. Wright.	867,546	Oct. 1	484	139	130	1463
Animal-trap.	I. W. Jones.	868,568	Oct. 15	2115	593	130	2003
Animal-trap.	T. H. Donlon.	868,917	Oct. 22	2698	745	130	2210
Animal-trap.	W. G. Stone.	869,594	Oct. 29	3768	1032	130	2568
Animal-trap.	F. Rasmussen.	870,251	Nov. 5	595	159	131	195
Animal-trap.	K. R. Marks.	871,809	Nov. 26	3473	851	131	962
Animal-trap.	J. W. Gates.	871,989	Nov. 26	3893	939	131	1023
Animal-trap.	A. Johnson.	872,429	Dec. 3	237	47	131	1205
Animal-trap.	J. B. Brendt and C. O. Sherman.	873,117	Dec. 10	1702	355-6	131	1466
Animal-trap.	F. M. Sletto.	873,331	Dec. 10	2128	444	131	1535
Animal-trap.	J. O. Carlson and C. O. Hedstrom.	873,502	Dec. 10	2451	516	131	1593
Animal-trap.	A. T. Sullivan.	873,631	Dec. 10	2705	572	131	1631
Animal-trap.	R. C. Randall.	873,783	Dec. 17	3014	639	131	1720
Animal-trap.	W. H. Howard.	873,864	Dec. 17	3192	680	131	1748
Animal-trap.	R. Chassé.	873,988	Dec. 17	3415	728	131	1787
Animal-trap.	H. J. Houtsinger.	875,265	Dec. 31	6041	1260	131	2262
Animal-trap. Automatic.	J. W. Bennett.	859,638	July 9	2033	549	129	712
Animals. Device for the prevention of the practice of onanism in	W. Leech.	863,291	Aug. 13	1910	516	129	2709
Animals from stables. Means for releasing and leading	A. T. Ruthven.	856,727	June 11	2535	521-2	128	2370
Animals from stalls. Device for releasing	A. Poukey.	869,261	Oct. 29	3217	886	130	2399
Ankle-supporter.	R. F. Le Mat.	851,950	Apr. 30	6530	1361	127	3388
Annealing and bluing furnace. Continuous.	T. J. Costello.	844,101	Feb. 12	2465	528	126	2441
Annealing-box.	M. F. Jarrett.	845,093	Feb. 26	4729	1002	126	3081
Annealing-box.	J. B. Henry.	870,558	Nov. 12	1077	293	131	380
Annealing-furnace. Electric.	A. L. Marsh.	861,135	July 23	4347	1192	129	1528
Annealing or heating of metals.	D. Bates and G. W. Peard.	868,154	Oct. 15	1463	412	130	1803
Announcing or advertising apparatus	E. Charles.	874,832	Dec. 24	5148	1084-5	131	2096
Annunciator.	H. J. Kusel.	842,565	Jan. 29	5646	1194	126	1588
Annunciator.	D. H. Coker.	848,535	Mar. 26	5631	1232	127	1505
Annunciator.	J. L. McQuarrie.	850,311	Apr. 16	3257	678	127	2494
Annunciator.	F. Sidler.	864,341	Aug. 27	3474	967	129	3256
Annunciator. Electric.	C. C. Blake.	841,307	Jan. 15	3063	663	126	866
Annunciator for hotel letter-boxes.	F. Muschenheim.	841,168	Jan. 15	2783	607	126	797
Annunciator system.	W. E. Ebert.	862,723	Aug. 6	1029	276	129	2400
Annunciator. Thermo-electric.	S. O. Bestul.	847,310	Mar. 19	3171	697	127	859
Annunciator. Time-limit.	A. Sanders.	875,112	Dec. 31	5746	1198	131	2213
Anode.	A. J. Deloye.	858,160	June 25	5342	1136	128	3147
Anthracene derivative.	K. Thun.	844,835	Feb. 19	4219	.....	126	2913
Anthrachrysone derivative.	B. Homolka and J. Erber.	871,507	Nov. 19	2876	.....	131	835
Anthraquinone compound and making same.	M. Isler and F. Kačer.	863,397	Aug. 13	2062	.....	129	2761
Anthraquinone compounds. Preparing.	R. H. Scholl and M. A. Kunz.	845,129	Feb. 26	4796	.....	126	3100
Anthraquinone derivative.	P. Thomaschewski.	853,041	May 7	1377	.....	128	350
Anthraquinone derivative.	P. Thomaschewski.	875,390	Dec. 31	6291	.....	131	2301
Anti-pig-rooting device.	T. W. Box.	849,969	Apr. 9	2621	545	127	2290
Anti-rail-spreading device and gage.	Z. L. Pierce.	870,842	Nov. 12	1547	425	131	533
Anticorrosive composition.	J. A. Ryan.	841,573	Jan. 15	3555	.....	126	995
Anticreper.	H. K. Gilbert.	858,973	July 2	1042	274	129	356
Antiflying chicken-wing attachment.	J. E. Davison.	867,190	Sept. 24	3760	1062	130	1273
Antisiphon-trap.	J. C. Lauth.	870,733	Nov. 12	1365	373	131	479
Antisiphon-trap.	A. L. Bower.	874,980	Dec. 31	5383	1125	131	2153
Antiskidding device.	J. M. M. Blanchard.	851,857	Apr. 30	6336	1321	127	3340
Antiskidding device.	E. B. Stimpson.	863,331	Aug. 13	1970	531	129	2730
Antislipping device.	W. E. Partridge.	862,412	Aug. 6	509	136	129	2245
Antivibration device.	G. L. Herz.	853,548	May 14	2372	494	128	641
Anvil.	L. F. Clar.	846,548	Mar. 12	1669	370	127	454
Anvil. Clamping.	F. W. Covert.	863,511	Aug. 13	2225	601	129	2809
Anvil for riveting-machines.	C. Johansson.	850,651	Apr. 16	3932	821	127	2667

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Apartment-house with disappearing bed.	L. Holmes.	839,996	Jan. 1	384	84	126	104
Apparel.	C. R. De Bevoise.	852,262	Apr. 30	7144	1496	127	3544
Apparel.	R. B. Melanson and G. R. Peare.	871,426	Nov. 19	2703	685	131	803
Apparel-fastening.	H. Perl.	866,925	Sept. 24	3333	941	130	1139
Apparel hanger and support.	W. H. Shaw.	846,956	Mar. 12	2494	549	127	664
Apparel. Wearing.	E. M. Rosenquist.	844,539	Feb. 19	3392	731	126	2712
Apparel. Wearing.	B. P. Neff.	864,327	Aug. 27	3456	962	129	3250
Applauding device and the like.	F. M. Duckworth.	869,886	Nov. 5	21	6	131	9
Apple-box press.	J. McCaughan.	870,683	Nov. 12	1284	351	131	452
Apple-trimming machine.	W. Smith.	870,137	Nov. 5	405	113	131	135
Applicator and dilator. Combined.	C. T. Ball.	866,180	Sept. 17	2222	620	130	755
Apron-fastening device.	M. J. O'Connor.	850,960	Apr. 23	4517	945	127	2851
Apron-guide.	F. G. Sargent.	870,134	Nov. 5	402	112	131	134
Apron-supporter.	J. G. Kountz.	848,470	Mar. 26	5516	1201-2	127	1478
Aquarium and flushing device. Automatic.	M. Connor.	867,112	Sept. 24	3621	1027	130	1227
Aqueous solutions. Clarifying.	J. A. Maignen.	875,088	Dec. 31	5708	-----	131	2205
Arch.	D. B. Luten.	853,203	May 7	1677	347	128	423
Arch and analogous structure.	D. B. Luten.	840,224	Jan. 1	883	190	126	239
Arch-clamp.	M. Larkins.	869,497	Oct. 29	3606	989	130	2518
Arch. Concrete or similar.	D. B. Luten.	853,183	May 7	1614	337	128	407
Arch-holder.	S. Teeple.	853,841	May 14	2979	611	128	796
Arch or center. Collapsible.	C. W. McDonald.	875,551	Dec. 31	6597	1379	131	2352
Arch-plate.	T. Schillinger.	846,247	Mar. 5	1053	227	127	268
Arch structure.	D. B. Luten.	853,202	May 7	1675	346	128	422
Arch structure.	D. B. Luten.	853,204	May 7	1679	347	128	423
Arch-support.	D. Livignano.	856,712	June 11	2509	516	128	2363
Arch-supporter.	C. L. Austin, Jr.	870,661	Nov. 12	1251	339	131	442
Arches. Adjustable and portable false work for.	J. E. Street.	862,418	Aug. 6	516	138	129	2247
Arches and sewers. Collapsible form for.	W. J. Beighle.	859,478	July 9	1793	482	129	635
Arms of circles. Instrument for describing.	A. W. Allen.	866,178	Sept. 17	2221	620	130	755
Armature for dynamo-electric machines.	B. G. Lamme.	854,897	May 28	5104	1062	128	1404
Armature. Magneto.	T. Hubert.	854,421	May 21	4133	856	128	1128
Armature. Magneto.	C. F. Splittorf.	854,438	May 21	4167	863	128	1136
Armature-testing apparatus.	V. Patton.	858,016	June 25	5058	1070	128	3075
Armature-winding machine.	P. E. Chapman.	874,163	Dec. 17	3815	804	131	1844
Armatures. Attachment for motor.	J. W. McManiman.	843,836	Feb. 12	1967	420	126	2321
Armatures of dynamos. Commutation of currents in.	E. Arnold and J. L. La Cour.	842,163	Jan. 29	4780	1020	126	1366
Armillary sphere.	F. L. Bryant.	855,226	May 28	5754	1198-9	128	1567
Armor-plate.	E. Gathmann.	848,024	Mar. 26	4690	1022-3	127	1771
Armor-plate. Finishing.	E. W. Lewis and J. S. Unger.	874,604	Dec. 24	4713	990	131	2022
Armored defense.	H. D. Hibbard.	860,378	July 16	3168	866	129	1111
Article-holder.	E. E. Minard.	873,133	Dec. 10	1729	362	131	1471
Article of manufacture.	J. A. Shinn.	845,825	Mar. 5	180	-----	127	48
Artist's plaque.	G. Brown.	842,998	Feb. 5	313	68	126	1868
Asbestos covering and plaster to a hot-air duct or pipe. Device for securing an.	G. Pulets.	865,610	Sept. 10	1343	381	130	439
Ash and garbage receptacle. Combined.	J. Kolouch.	856,264	June 11	1582	332	128	2127
Ash barrel or can.	J. D. Hewitt.	868,987	Oct. 22	2797	772	130	2241
Ash-can.	C. J. Sussman.	867,683	Oct. 8	692	195	130	1545
Ash-pan. Self-regulating.	C. W. and E. C. Hamel.	874,188	Dec. 17	3868	815-16	131	1852
Ash-receptacle and cigar-holder.	C. G. Davis.	867,250	Oct. 1	32	10	130	1326
Ash-screener.	H. Platt.	855,335	May 28	5950	1241	128	1616
Ash-separator.	H. M. Coats.	857,722	June 25	4439	937	128	2921
Aspirator.	J. Boekel.	857,920	June 25	4829	1024	128	3016
Aspirator.	E. Pyncheon.	869,262	Oct. 29	3218	886	130	2400
Assayer's pouring-mold.	J. J. Bailey.	850,811	Apr. 16	4216	886	127	2735
Assembling apparatus.	N. Marshall.	854,697	May 21	4662	971-2	128	1259
Assembling apparatus.	N. Marshall.	857,005	June 11	3042	641	128	2497
Assorting device.	H. Howell and J. Duff.	854,356	May 21	4008	829	128	1098
Assorting device.	J. H. Rand.	867,599	Oct. 8	578	164	130	1510
Atmosphere-regulating system.	F. M. Peters and H. H. Hungerford.	843,909	Feb. 12	2111	452	126	2355
Atomization apparatus.	W. L. Root.	856,301	June 11	1677	348	128	2152
Atomizer.	J. Waldman.	851,265	Apr. 23	5126	1078	127	3002
Atomizer.	F. C. Dormont and G. C. McVoy.	852,828	May 7	929	190	128	237
Atomizer.	G. Holmgren.	853,455	May 14	2183	453	128	594
Atomizer.	H. A. Hill and J. A. Lindstrom.	862,737	Aug. 6	1057	285	129	2407
Atomizer.	T. A. De Vilbiss.	864,456	Aug. 27	3656	1016-17	129	3317
Atomizer.	F. C. Dormont.	865,021	Sept. 3	410	109	130	127
Atomizer.	F. C. Dormont.	865,022	Sept. 3	411	109-10	130	127
Atomizer.	W. J. English.	871,579	Nov. 19	3017	752	131	859
Atomizer and mixer. Vibrative liquid.	J. W. Tygard.	862,856	Aug. 6	1244	337	129	2465
Atomizer. Oil.	W. and E. C. Foster.	872,649	Dec. 3	690	144-5	131	1277
Atomizer or pump-sprayer.	E. A. Jahn.	842,097	Jan. 22	4610	989	126	1288
Atomizers. Spray-producing point for.	A. De Vilbiss.	842,390	Jan. 29	5269	1118	126	1494
Attachable table.	J. Connors.	872,905	Dec. 3	1238	263-4	131	1361
Attaching device.	M. W. Gilmartin.	848,895	Apr. 2	607	120	127	1744
Attaching device.	A. Hampe.	874,765	Dec. 24	5034	1060	131	2075
Attendance-indicator.	W. B. Rose.	842,495	Jan. 29	5509	1166	126	1559
Audiometer.	J. M. McCallie.	862,501	Aug. 6	669	180-1	129	2296
Audiphone.	J. A. Baker.	868,245	Oct. 15	1603	455	130	1845
Auger.	W. Hallinan.	846,200	Mar. 5	974	207	127	247
Auger-bit.	J. T. Parker.	850,177	Apr. 16	3009	630	127	2426
Auger. Combination.	M. Lingol.	843,832	Feb. 12	1962	419	126	2320
Auger. Earth.	T. M. McWhorter.	843,764	Feb. 12	1836	391	126	2258
Auger. Earth.	T. F. Litaker.	850,533	Apr. 16	3689	771	127	2604
Auger. Earth.	L. H. Livermore.	862,406	Aug. 6	502	134-5	129	2243
Auger. Earth.	F. Brown.	866,839	Sept. 24	3200	900	130	1100
Auger for enlarging the lower ends of holes.	A. T. Smith.	872,763	Dec. 3	932	193-4	131	1314
Auger-handle.	G. H. Miller.	865,051	Sept. 3	453	123	130	139
Auger-handle. Extension.	G. P. Frank.	851,127	Apr. 23	4811	1014	127	2924
Auger. Packing.	J. Blackburn.	846,389	Mar. 5	1329	293	127	335
Auger. Post-hole.	E. E. Ziegenfuss.	849,452	Apr. 9	1645	333	127	2046
Augers. Manufacture of single-spiral.	R. M. Trumbull and J. Volz.	844,634	Feb. 19	3803	804	126	2806
	A. Krieger.	846,113	Mar. 5	810	169-70	127	206

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Autographic register.....	A. Krauth.....	844,370	Feb. 19	3033	647	126	2625
Autographic register.....	T. L. Moore.....	858,409	July 2	71	19-20	129	25
Automatic alarm.....	P. Bourne.....	844,241	Feb. 12	2745	585	126	2514
Automatic alarm.....	C. W. Smith.....	862,026	July 30	5727	1590	129	1992
Automatic alarm.....	G. Rossi.....	871,633	Nov. 19	3116	772-3	131	875
Automatic brake.....	J. N. Lawrence.....	841,698	Jan. 22	3824	832	126	1096
Automatic brake.....	C. G. Cossairt.....	843,134	Feb. 5	603	128	126	1948
Automatic brake.....	J. P. Blakeman.....	843,255	Feb. 5	863	175	126	2013
Automatic brake.....	J. W. Gurnsey.....	845,412	Feb. 26	5360	1137	126	3239
Automatic brake.....	J. J. Müller.....	851,766	Apr. 30	6131	1281	127	3285
Automatic brake.....	J. Lynch.....	875,543	Dec. 31	6585	1375-6	131	2349
Automatic coupling.....	P. Lamche.....	850,090	Apr. 9	2826	592	127	2340
Automatic coupling.....	J. C. Sands.....	864,108	Aug. 20	3114	861-2	129	3117
Automatic gage.....	P. M. Freer.....	854,481	May 21	4245	878	128	1156
Automatic gate.....	G. C. Mason.....	845,308	Feb. 26	5160	1095	126	3191
Automatic gate.....	W. S. Poindexter.....	871,437	Nov. 19	2726	688	131	812
Automatic lubricator.....	M. Klemm.....	840,345	Jan. 1	1112	242	126	297
Automatic lubricator.....	A. Pribil.....	846,507	Mar. 12	1598	355	127	436
Automatic lubricator.....	J. Farley.....	863,707	Aug. 20	2515	694	129	2932
Automatic signal.....	J. Shoecraft.....	840,095	Jan. 1	607	132	126	160
Automatic sprinkler.....	J. Taylor.....	842,725	Jan. 29	6026	1269	126	1683
Automatic sprinkler.....	G. I. Rockwood. (Reissue).....	12,601	Jan. 29	6264	1323	126	1740
Automatic sprinkler.....	C. E. Buell.....	843,130	Feb. 5	596	126	126	1947
Automatic sprinkler.....	W. S. Thurlow and W. G. Fraser.....	849,938	Apr. 9	2568	532	127	2278
Automatic sprinkler.....	C. E. Buell.....	871,105	Nov. 19	1980	541	131	701
Automatic switch.....	A. Underdahl.....	841,286	Jan. 15	3002	653	126	850
Automatic switch.....	A. N. Bradley.....	843,575	Feb. 12	1491	316	126	2199
Automatic switch.....	A. C. Dohrmann and C. Waite.....	846,096	Mar. 5	777	162-3	127	198
Automatic switch.....	G. Schmitz.....	846,147	Mar. 5	882	185-6	127	225
Automatic switch.....	J. Hency.....	851,935	Apr. 30	6501	1355-6	127	3381
Automatic switch.....	W. A. Snapp.....	853,835	May 14	2966	608	128	793
Automatic switch.....	W. R. Jenney.....	853,882	May 14	3071	630-1	128	818
Automatic switch.....	G. Matthews.....	856,892	June 11	2822	588-9	128	2442
Automatic switch.....	F. M. Hall.....	873,368	Dec. 10	2206	459	131	1549
Automatic switch.....	F. X. Mantsion.....	873,572	Dec. 10	2599	547-8	131	1617
Automatically-fed machine.....	F. H. Richards.....	858,671	July 2	542	139-40	129	188
Automatically-operated shovel.....	E. Arnst.....	843,786	Feb. 12	1869	399	126	2296
Automobile.....	R. P. Thompson and E. Koeb.....	842,591	Jan. 29	5703	1206	126	1603
Automobile.....	E. Cliff.....	845,031	Feb. 19	4589	976-7	126	3006
Automobile.....	E. Temple.....	845,983	Mar. 5	531	110-11	127	137
Automobile.....	M. H. Sullivan.....	847,128	Mar. 12	2809	621	127	740
Automobile.....	J. Ledwinka.....	849,145	Apr. 2	1085	217-18	127	1866
Automobile.....	J. Ledwinka.....	849,146	Apr. 2	1087	218	127	1867
Automobile.....	F. A. Nelson.....	851,026	Apr. 23	4627	971	127	2880
Automobile.....	J. W. Richey.....	854,530	May 21	4329	895-6	128	1176
Automobile.....	W. W. Macfarren.....	859,235	July 9	1424	378-9	129	514
Automobile.....	C. B. Hatfield.....	859,293	July 9	1511	404	129	541
Automobile.....	H. L. Ide.....	861,183	July 23	4412	1211	129	1549
Automobile.....	E. Hyslin.....	865,901	Sept. 10	1796	501	130	592
Automobile.....	E. W. Roberts.....	868,014	Oct. 15	1260	349-50	130	1742
Automobile.....	F. Bartl.....	873,405	Dec. 10	2272	473-4	131	1560
Automobile.....	H. L. Ide.....	874,405	Dec. 24	4313	908	131	1958
Automobile-alarm.....	J. K. Stewart.....	869,941	Nov. 5	95	27	131	32
Automobile and car motor.....	M. Cazin.....	857,980	June 25	4974	1051-2	128	3054
Automobile and other motor-vehicle.....	E. Dumas.....	858,796	July 2	761	197	129	267
Automobile and other vehicle.....	A. C. Heath.....	855,776	June 4	645	132	128	1860
Automobile attachment.....	S. T. Beal.....	855,275	May 28	5845	1219	128	1591
Automobile attachment.....	H. J. Carr.....	867,790	Oct. 8	851	243	130	1595
Automobile attachment.....	Z. G. Sholes.....	870,908	Nov. 12	1652	455	131	567
Automobile battery-support.....	S. R. Bailey.....	872,213	Nov. 26	4358	1639	131	1097
Automobile-body.....	W. O. Thomas and H. G. Moore.....	872,031	Nov. 26	3996	959-60	131	1037
Automobile-brake.....	C. J. Roberts.....	862,414	Aug. 6	512	137	129	2246
Automobile-bumper.....	R. W. Harroun.....	873,544	Dec. 10	2541	536	131	1667
Automobile-cap.....	C. K. Liebeskind.....	853,809	May 14	2902	597	128	778
Automobile-chair.....	A. L. Moss.....	872,247	Nov. 26	4423	1051	131	1108
Automobile control.....	H. Lemp.....	852,728	May 7	712	139	128	187
Automobile controlling means.....	W. G. Groesbeck and G. S. Radford.....	844,863	Feb. 19	4276	911-12	126	2928
Automobile controlling means.....	H. Lemp.....	851,762	Apr. 30	6125	1280	127	3283
Automobile cooling systems. Fan for.....	A. Winton and H. B. Anderson.....	843,380	Feb. 5	1089	225	126	2065
Automobile drive-wheel.....	J. C. Brennan.....	842,069	Jan. 22	4563	980	126	1276
Automobile driving-gear.....	R. S. McIntyre.....	858,202	June 25	5413	1153-4	128	3166
Automobile driving-gear.....	H. Tenham.....	861,332	July 30	4672	1278	129	1669
Automobile driving mechanism.....	F. J. Newman.....	856,486	June 11	2071	426	128	2252
Automobile driving mechanism.....	G. R. Walker.....	866,410	Sept. 17	2559	714	130	863
Automobile driving mechanism.....	E. O. Sutton.....	870,258	Nov. 5	603	161-2	131	197
Automobile dust-guard.....	N. Leidgen.....	841,790	Jan. 22	4014	868	126	1145
Automobile dust-guard.....	D. C. Collier.....	843,072	Feb. 5	464	99	126	1911
Automobile emergency-brake.....	H. F. Dietz.....	870,228	Nov. 5	560	150	131	183
Automobile engine-cooling system.....	J. N. Emley.....	870,278	Nov. 5	630	169	131	206
Automobile-fender. Reversible.....	L. P. Barrett.....	868,319	Oct. 15	1736	490	130	1885
Automobile folding seat.....	J. M. Nolan.....	855,125	May 28	5571	1157	128	1519
Automobile folding-seat frame.....	J. M. Nolan.....	873,453	Dec. 10	2347	493	131	1576
Automobile-frame.....	A. Nicholson and I. T. Rude.....	846,599	Mar. 12	1794	395	127	486
Automobile-frame.....	E. Sanchis.....	858,108	June 25	5247	1113-14	128	3125
Automobile frame member.....	M. W. Gartshore.....	875,254	Dec. 31	6021	1255	131	2259
Automobile-frames. Shaped iron or steel for.....	E. C. F. Verschave.....	875,018	Dec. 31	5571	1164	131	2183
Automobile-gearing.....	D. D. Culver.....	843,796	Feb. 12	1892	406	126	2302
Automobile-gearing.....	W. I. Crawford.....	847,914	Mar. 19	4443	973-4	127	1173
Automobile heating appliance.....	P. P. Hofmann.....	867,271	Oct. 1	63	19	130	1333
Automobile-horn.....	I. E. Stump.....	846,961	Mar. 12	2504	552	127	666
Automobile-horn.....	G. E. Nicholas.....	856,001	June 4	1074	223	128	1965
Automobile life-guard or fender.....	B. F. Hart, Jr.....	854,162	May 21	3653	755	128	1002
Automobile locking mechanism.....	J. F. Cielman.....	868,907	Oct. 22	2677	740	130	2303
Automobile lubricating device.....	F. J. Ziegler.....	873,478	Dec. 10	2393	504	131	1585

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Automobile-rack.....	J. A. Mason.....	870,517	Nov. 5	1015	276	131	327
Automobile-radiator.....	J. B. Long.....	844,685	Feb. 19	3913	827	126	2834
Automobile-radiator.....	J. A. Wilson, Jr.....	855,373	May 28	6014	1255	128	1634
Automobile-radiator.....	J. A. Wilson, Jr.....	855,374	May 28	6015	1255	128	1634
Automobile-roadway.....	L. S. Hackney.....	870,775	Nov. 12	1445	391	131	502
Automobile running-gear.....	C. T. Pratt.....	842,245	Jan. 29	4947	1055	126	1406
Automobile running-gear.....	A. Groenig.....	854,210	May 21	3752	776	128	1030
Automobile screen-cleaning apparatus.....	F. Ames.....	866,996	Sept. 24	3436	973	130	1172
Automobile-shield.....	D. J. Deyo.....	851,502	Apr. 23	5589	1170	127	3117
Automobile shock-reducer.....	W. Grothe.....	856,053	June 4	1160	245	128	1986
Automobile sleigh.....	W. C. Mielke.....	867,285	Oct. 1	86	26-7	130	1340
Automobile sleigh.....	F. Hartje.....	867,503	Oct. 1	415	118	130	1444
Automobile sleigh.....	W. C. Weiss.....	874,467	Dec. 24	4419	932	131	1977
Automobile speed-changing mechanism.....	F. J. Ziegler.....	858,500	June 25	5130	1085	128	3094
Automobile speed-regulating device.....	H. Mayer.....	861,378	July 30	4754	1299	129	1695
Automobile spring suspension.....	E. J. Jenness.....	869,968	Nov. 5	132	37	131	43
Automobile starting device.....	R. B. Waite.....	854,858	May 28	5006	1041	128	1377
Automobile steering device.....	J. B. Bartholomew.....	859,592	July 9	1973	532	129	692
Automobile steering-gear.....	A. E. Rockwell.....	852,847	May 7	963	198	128	245
Automobile steering-gear.....	W. W. Macfarren.....	867,282	Oct. 1	81	25	130	1338
Automobile steering-gear socket.....	H. T. Conneron.....	854,566	May 21	4406	914	128	1195
Automobile steering mechanism.....	R. P. Thompson and E. Koeb.....	869,994	Nov. 5	194	50-1	121	68
Automobile steering-wheel pivot.....	H. S. Baldwin.....	873,147	Dec. 10	1752	368	131	1475
Automobile-stop.....	C. O. Albright.....	855,711	June 4	506	105	128	1824
Automobile top-bows.....	S. D. Hunter.....	874,963	Dec. 31	5461	1142	131	2164
Automobile top-holder.....	C. W. Coops.....	849,598	Apr. 9	1954	400	127	2121
Automobile-track and means for holding an automobile thereon.....	L. S. Hackney.....	861,830	July 30	5455	1503-4	129	1909
Automobile-train.....	A. De Luigi and C. Ramazzotti.....	875,508	Dec. 31	6521	1360	131	2338
Automobile transmission-gearing.....	J. W. Lambert.....	868,673	Oct. 22	2320	643	130	2095
Automobile vehicle.....	J. M. M. Truffault.....	868,728	Oct. 22	2414	667-8	130	2122
Automobile vehicle for military purposes.....	F. Charron.....	853,625	May 14	2555	526	128	684
Automobile vehicles. Construction of.....	M. Birkigt.....	863,348	Aug. 13	1995	537-8	129	2738
Automobile. Water.....	W. L. Hyman.....	850,370	Apr. 16	3374	705	127	2524
Automobile weather-front.....	A. J. Krower.....	860,811	July 23	3840	1053	129	1364
Automobile-wheel.....	E. C. Phillips.....	848,046	Mar. 26	4727	1031	127	1281
Automobile-wheel.....	D. R. C. Devine.....	848,885	Apr. 2	581	116	127	1738
Automobile-wheel.....	B. H. Bridgers.....	852,998	May 7	1291	269	128	327
Automobile-wheel.....	J. R. Barker.....	856,757	June 11	2590	531	128	2355
Automobile-wheel.....	A. Feldman.....	863,848	Aug. 20	2735	753	129	3002
Automobile-wheel. Spring-cushioned.....	W. A. Hill.....	870,171	Nov. 5	456	126	131	150
Automobile wind-shield.....	S. D. Hunter.....	873,927	Dec. 10	1565	328	131	1443
Automobiles. Air guide or steering device for.....	J. T. Johnson.....	872,827	Dec. 3	1044	219	131	1333
Automobiles and like purposes. Reversible sign for.....	W. Schumacher.....	874,998	Dec. 31	5529	1154	131	2176
Automobiles and like. Means for heating.....	C. H. Foster.....	869,172	Oct. 22	3076	848	130	2328
Automobiles. Antislipping device for.....	E. Nye and A. Gruesbeck.....	849,805	Apr. 9	2325	477	127	2215
Automobiles. Chain-driving-gear case for.....	F. Charron.....	855,878	June 4	845	175	128	1907
Automobiles. Change-speed lever for.....	C. W. Berry.....	866,254	Sept. 17	2321	648	130	786
Automobiles. Combined heating and ventilating system for.....	N. W. Williams.....	873,999	Dec. 10	2261	472	131	1558
Automobiles. Compressed-air-cushion mechanism for.....	T. F. Scott.....	864,141	Aug. 20	3174	877	129	3134
Automobiles. Compressed-air motor for.....	F. G. Herrington.....	865,496	Sept. 10	1149	327	130	379
Automobiles. Coupling-rod for the axles of.....	T. Rommel.....	873,092	Dec. 10	1659	345	131	1458
Automobiles. Differential clutch mechanism for.....	F. W. Hedgeland.....	849,474	Apr. 9	1702	345	127	2058
Automobiles. Gas-lighter for.....	G. Kapp and G. A. Alviset.....	845,553	Feb. 26	5628	1192	126	3306
Automobiles, &c. Gear for.....	K. Schnaitmann.....	857,114	June 18	3260	686	128	2591
Automobiles. Handhold-strap for.....	C. S. MacMullan.....	855,112	May 28	5547	1152	128	1514
Automobiles. Handhold-strap for.....	J. R. Scott.....	855,139	May 28	5592	1163	128	1524
Automobiles. Means to record the speed of.....	W. A. Cheesebro.....	871,032	Nov. 12	1848	506-7	131	628
Automobiles. Number-lantern for.....	F. C. Lame.....	873,316	Dec. 10	2097	438	131	1530
Automobiles. Pedal foot-rest for.....	S. D. Waldon.....	850,507	Apr. 16	3639	761	127	2590
Automobiles. Radiator for.....	F. A. Bryant.....	840,295	Jan. 1	1010	221	126	271
Automobiles. Reversing and change-speed gear for.....	C. W. Duer.....	843,589	Feb. 12	1513	321	126	2204
Automobiles. Spare-tire holder for.....	L. P. McKinney.....	864,983	Sept. 3	351	94	130	110
Automobiles. Transmission-gear for.....	C. W. Smart.....	874,627	Dec. 24	4756	1000-1	131	2030
Auxiliary coupling and wrecking-hook. Combined.....	S. P. Felix and C. F. Heywood.....	859,902	July 9	2440	663-4	129	840
Awl.....	G. A. Peacock.....	850,779	Apr. 16	4157	870	127	2721
Awl. Sewing.....	L. G. and C. P. Carillon.....	854,147	May 21	3625	749	128	994
Awl. Sewing.....	A. M. Parker.....	846,242	Mar. 5	1047	225	127	266
Awl. Sewing.....	S. Ansley.....	847,634	Mar. 19	3860	843	127	1035
Awning.....	E. L. and P. A. Rooks.....	842,706	Jan. 29	5974	1260	126	1670
Awning.....	P. and W. Walger.....	848,216	Mar. 26	5002	1093	127	1351
Awning.....	F. Thoms.....	848,509	Mar. 26	5589	1221	127	1494
Awning.....	B. De Young.....	854,933	May 28	5162	1076	128	1418
Awning.....	J. C. Knabeschuh.....	855,579	June 4	259	51	128	1761
Awning.....	T. H. Rees.....	855,668	June 4	424	88	128	1803
Awning.....	M. Chalupsky.....	864,885	Sept. 3	192	54	130	60
Awning.....	F. Thoms.....	868,146	Oct. 15	1455	410	130	1801
Awning.....	J. C. Williams.....	870,070	Nov. 5	307	85	131	103
Awning. Canoe.....	W. B. Sherman.....	872,088	Nov. 26	4109	983	131	1056
Awning for boats. Collapsible.....	A. Ross.....	841,719	Jan. 22	3859	838	126	1104
Awning-operating mechanism.....	W. O. Calmar.....	849,201	Apr. 2	1187	240	127	1892
Awning. Portable.....	J. R. Fitzgerald.....	847,327	Mar. 19	3208	706	127	867
Awning. Roller.....	E. T. Toussaint.....	865,729	Sept. 10	1517	428	130	494
Awning. Apparatus for laying out and marking round-top.....	C. Diehl.....	873,352	Dec. 10	2172	454	131	1542
Ax. Turpentine-gatherer's.....	E. A. McKoy.....	869,381	Oct. 29	3415	939	130	2460
Axes. Pivoted nail-claw for.....	W. L. Marble.....	855,859	June 4	812	169	128	1809
Axle.....	B. M. Crowley.....	841,941	Jan. 22	4314	929	126	1218
Axle.....	G. T. Price.....	842,335	Jan. 29	5138	1092	126	1457
Axle.....	A. J. Friedman.....	842,397	Jan. 29	5283	1122	126	1497
Axle.....	H. K. Bryson.....	845,516	Feb. 26	5558	1178	126	3288
Axle.....	G. A. Weaver.....	849,950	Apr. 9	2590	538	127	2283
Axle.....	E. G. Hartle.....	854,212	May 21	3754	777	128	1030
Axle.....	G. G. Smith.....	863,328	Aug. 13	1965	530	129	2727
Axle-adjuster.....	I. W. Shirk.....	862,852	Aug. 6	1238	335	129	2463

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Axle-bearing.....	L. J. Aldridge.....	858,361	July 2	1	1	129	3
Axle-box.....	J. S. Taylor.....	840,399	Jan. 1	1244	272	126	326
Axle-box.....	H. E. Lord.....	841,552	Jan. 15	3519	760-1	126	986
Axle-box.....	W. F. Graftis.....	844,122	Feb. 12	2496	536	126	2450
Axle-box.....	L. Burg.....	861,432	July 30	4863	1333	129	1728
Axle box. Car.....	H. C. McCarty.....	868,881	Oct. 22	2635	728	130	173
Axle-box cellar.....	F. B. Harrison.....	870,953	Nov. 12	1735	475	131	593
Axle-box. Combined spindle and vehicle-wheel	C. N. Waterhouse.....	865,139	Sept. 3	571	160	130	199
Axle-box dust-guard.....	R. Purdie.....	855,666	June 4	421	88	128	1802
Axle-box lid. Car.....	A. Q. McCord.....	839,871	Jan. 1	133	33	126	38
Axle-box lid. Car.....	W. G. Dunham.....	839,922	Jan. 1	244	52	126	68
Axle-box lid. Car.....	W. G. Dunham.....	851,077	Apr. 23	4725	994	127	2904
Axle-box lid. Car.....	W. Erickson.....	858,505	July 2	250	61	129	91
Axle-box lid. Car.....	A. Pancoast.....	860,563	July 16	3439	944	129	1201
Axle-box lid. Car.....	C. A. Latham.....	861,371	July 30	4746	1296	129	1693
Axle-box lid. Dustproof.....	L. Hall.....	863,553	Oct. 15	2102	587	130	999
Axle box. Vehicle.....	G. F. Price.....	875,455	Dec. 31	6418	1339	131	2322
Axle. Car.....	G. E. Babcock.....	849,652	Apr. 9	2050	421	127	2145
Axle construction. Front.....	D. W. McClay.....	873,886	Dec. 17	3226	688	131	1754
Axle-cutter.....	W. R. Sullivan.....	861,407	July 30	4810	1319	129	1713
Axle-cutting device.....	C. Dackiewicz.....	870,276	Nov. 5	628	168	131	205
Axle. Double-cone ball-bearing.....	B. T. Chaytor.....	862,051	July 30	5762	1601	129	2004
Axle. Jointed-spindle.....	M. Bideau.....	854,451	May 21	4196	869	128	1145
Axle. Lubricating.....	W. E. Dalby.....	874,740	Dec. 24	4991	1051	131	2067
Axle-lubricating device.....	E. Armstrong.....	872,984	Dec. 3	1388	292	131	1386
Axle-lubricating mechanism.....	H. W. Sanford.....	846,056	Mar. 5	689	144	127	176
Axle-lubricating mechanism.....	H. W. Sanford.....	847,263	Mar. 12	3074	677	127	807
Axle-lubricator.....	J. Aden.....	865,547	Sept. 10	917	263	130	307
Axle-lubricator.....	A. B. Day.....	870,941	Nov. 12	1718	470	131	587
Axle-machine.....	J. L. Monkhouse.....	842,225	Jan. 29	4908	1047	126	1397
Axle. Mine-car.....	C. A. Keller.....	862,643	Aug. 6	911	244	129	2366
Axle. Pit-car.....	J. E. Smith.....	871,149	Nov. 19	2086	561	131	715
Axle. Pressed-steel.....	R. S. G. Lane.....	840,945	Jan. 8	2324	511	126	633
Axle-setting machine.....	J. W. Roberts.....	852,453	May 7	128	22	128	40
Axle-skein.....	C. O. Wilder.....	840,981	Jan. 8	2383	522	126	648
Axle-skein.....	T. T. Bookman and J. M. Butler.....	862,605	Aug. 6	855	228	129	2349
Axle-spindle.....	W. P. Coker.....	862,136	Aug. 6	24	8	129	2088
Axle-spindle.....	J. Stickney.....	872,030	Nov. 26	3994	959	131	1037
Axle-spindle-turning machine.....	J. Johnson.....	857,242	June 18	3496	738-9	128	2651
Axle-straightening device.....	F. E. Turner.....	844,551	Feb. 19	3411	735	126	2703
Axle-stub.....	H. Detar and W. Schoonover.....	852,169	Apr. 30	6983	1457	127	3516
Axle suspension for motor-vehicles. Driving.....	C. R. Greuter.....	840,842	Jan. 8	2101	465	126	578
Axle. Vehicle.....	S. H. Raines and A. O. Schuessler.....	844,893	Feb. 19	4330	924	126	2941
Axle. Vehicle.....	R. Border.....	844,916	Feb. 19	4368	933	126	2949
Axle. Vehicle.....	E. D. Branch.....	850,728	Apr. 16	4066	850	127	2698
Axle. Vehicle.....	M. W. Heyenga.....	860,866	July 23	3920	1075	129	1390
Axle. Vehicle.....	D. A. York and S. A. Darr.....	865,223	Sept. 3	706	200	130	213
Axle. Vehicle.....	S. C. Wagner.....	867,454	Oct. 1	341	99	130	1419
Axle-wheel coupling.....	J. H. Snuggs.....	870,853	Nov. 12	1564	430	131	539
Axle. Wheelbarrow.....	M. V. Garver.....	849,119	Apr. 2	1024	207	127	1850
Axles. Ball-bearing boxing for vehicle.....	W. E. Hixon.....	851,133	Apr. 23	4822	1016	127	2926
Axles. Body-support for.....	T. J. Lindsay.....	840,781	Jan. 8	1994	440	126	552
Axles. Means for taking up wear on vehicle.....	W. A. Short.....	872,155	Nov. 26	4234	1010	131	1078
Axles or the like. Lubricating means for.....	W. J. Greening.....	851,201	Apr. 23	4983	1047	127	2967
Axles. Nut-retainer for vehicle.....	O. F. Jordan.....	848,176	Mar. 26	4934	1077	127	1333
Axletree.....	J. A. Lease.....	844,029	Feb. 12	2327	499	126	2408
Axletrees and naves. Wedge connection between.....	C. von Bechtolsheim.....	867,468	Oct. 1	357	103	130	1423
Baby-walker and swing. Combined.....	W. H. Niemeyer.....	851,249	Apr. 23	5084	1070	127	2991
Back-geared motor.....	H. G. Reist.....	852,737	May 7	624	120	128	163
Back-pedaling brake.....	C. A. Fenn.....	843,593	Feb. 12	1519	322	126	2205
Back-rest.....	J. Connors.....	859,168	July 2	1319	350	129	445
Back-rest. Adjustable stool.....	L. M. Rich.....	842,976	Feb. 5	263	57	126	1855
Back-scratcher.....	F. J. Martin.....	869,250	Oct. 29	3205	882	130	2395
Back-spacing mechanism.....	W. W. Torrence.....	850,106	Apr. 9	2853	598-9	127	2347
Back-support.....	O. von Treskow.....	859,469	July 9	1777	476	129	629
Bacon-suspension clamp.....	A. A. Harnischfeger.....	852,951	May 7	1191	245	128	303
Bacon, &c. Treating.....	T. Walsh.....	849,178	Apr. 2	1145	231-2	127	1881
Bacteria. Growing and distributing nitro-gathering.....	G. H. Earp-Thomas.....	865,965	Sept. 10	1888	529	130	619
Bacteria in liquids. Apparatus for killing.....	J. Willmann.....	867,089	Sept. 24	3591	1018	130	1218
Badge. Campaign.....	A. Jacobsen.....	865,905	Sept. 10	1802	502	130	593
Badge for personal wear. Lockable.....	F. C. Berens.....	848,956	Apr. 2	698	140	127	1765
Bag.....							
See Clothes-pin bag.....	Mail-bag.....						
Feed-bag.....	Nose-bag.....						
Hand-bag.....	Paper bag.....						
Hot-water bag.....	Sleeping-bag.....						
Laundry-bag.....	Traveling-bag.....						
Bag.....	K. Oswald, Jr.....	840,086	Jan. 1	591	128	126	157
Bag.....	J. Limbacher.....	852,729	May 7	714	139	128	188
Bag and fastening.....	T. L. Beam.....	871,664	Nov. 19	3165	785	131	885
Bag attachment.....	L. McCann.....	848,481	Mar. 26	5535	1206	127	1483
Bag-bottoming machine.....	F. J. Kuerzi.....	864,098	Aug. 20	3100	857	129	3113
Bag-closing machine.....	T. J. Brough.....	874,734	Dec. 24	4982	1048-9	131	2065
Bag-fastener.....	E. S. Erickson and W. A. Heilman.....	843,934	Feb. 12	2162	462	126	2370
Bag-fastener.....	H. Tueckmantel.....	854,128	May 21	3591	740	128	985
Bag-fastener. Safety.....	F. F. Jacob.....	840,218	Jan. 1	873	189	126	237
Bag-filling apparatus.....	A. M. Bates.....	862,231	Aug. 6	196	54-5	129	2144
Bag-frame.....	C. Hering and A. Fuller.....	851,421	Apr. 23	5434	1138	127	3082
Bag-frame corner-fixture.....	B. vom Eigen.....	841,813	Jan. 15	3071	665	126	868
Bag-frame fastener.....	B. vom Eigen.....	850,631	Apr. 16	3893	812-13	127	2655
Bag frame. Muff.....	J. F. Bieda.....	860,626	July 23	3567	978	129	1276
Bag-handler.....	H. and E. Sanborn.....	842,913	Feb. 5	142	32	126	1827
Bag-holder.....	J. W. Gregory.....	840,316	Jan. 1	1061	232	126	283
Bag-holder.....	J. A. Campbell.....	841,621	Jan. 15	3660	794	126	1021
Bag-holder.....	J. Brown.....	841,926	Jan. 22	4288	924	126	1211

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Bag-holder.	M. E. Eagleton.	851,873	Apr. 30	6363	1327	127	3347
Bag-holder.	O. Cronholm.	854,077	May 21	3489	720	128	962
Bag-holder.	S. B. Durham.	860,646	July 23	3598	986	129	1286
Bag-holder.	W. Milbrath.	862,496	Aug. 6	664	178	129	2294
Bag-holder.	O. P. McGregor.	863,039	Aug. 13	1506	409	129	2584
Bag-holder.	C. G. Carlson.	865,760	Sept. 10	1568	441	130	511
Bag-holder.	J. Hulbert.	868,269	Oct. 15	1643	464	130	1860
Bag-holder.	E. Taylor.	868,504	Oct. 15	2017	563	130	1970
Bag-holder.	L. L. Clippinger.	869,691	Oct. 29	3926	1082	130	2615
Bag-holder.	W. M. Renne.	870,687	Nov. 12	1290	352	131	453
Bag-holder.	O. A. Pust.	873,893	Dec. 17	3237	691	131	1756
Bag-holding device.	C. F. Asplund.	863,963	Aug. 20	2908	801	129	3054
Bag-lock.	L. B. Prahar.	855,974	June 4	1034	214	128	1955
Bag-lock.	C. Hiering and A. Fuller.	867,266	Oct. 1	59	18	130	1333
Bag-machine.	J. F. Ames.	842,372	Jan. 29	5230	1109-10	128	1483
Bag-machine.	J. L. Lowe.	858,005	June 25	5033	1063-5	128	3069
Bag machines. Cutting apparatus for filled.	C. McNeil and D. S. Seymour.	875,670	Dec. 31	6957	1448-9	131	2392
Bag-making machine.	G. A. Aicher.	859,865	July 9	2379	647-8	129	822
Bag or envelop closure.	J. B. Merckels.	847,353	Mar. 19	3266	718	127	881
Bag or sack fastener or closure.	A. T. Hamilton and W. B. Lowe.	874,333	Dec. 17	4164	876	131	1901
Bag-rack.	G. H. Tenney.	870,259	Nov. 5	605	162	131	198
Bag seaming, cutting, and conveying apparatus.	C. McNeil and D. S. Seymour.	875,589	Dec. 31	6678	1394-5	131	2364
Bag seaming, cutting, and conveying apparatus.	C. McNeil and D. S. Seymour.	875,590	Dec. 31	6680	1395-6	131	2365
Bag seaming, cutting, and delivering apparatus.	C. McNeil and D. S. Seymour.	875,591	Dec. 31	6681	1396	131	2365
Bag-stringing machine.	J. T. Dalton.	862,057	July 30	5769	1603-6	129	2006
Bag-tie.	W. F. Corum.	841,630	Jan. 15	3672	797	126	1024
Bag, trunk, or similar article.	W. J. Teese.	845,145	Feb. 26	4820	1023	126	3106
Bag-turning machines. Bag-holding mechanism for.	S. T. Lockwood.	846,118	Mar. 5	820	171-2	127	208
Bag-turning machines. Turning-arm-actuating mechanism for.	S. T. Lockwood.	846,119	Mar. 5	827	173	127	210
Bags and the like. Machine for cleaning.	E. L. Buschman.	841,309	Jan. 15	3065	664	126	866
Bags. Apparatus for packing predetermined quantities in.	T. Whitehorn.	872,161	Nov. 26	4245	1013	131	1079
Bags. Filling.	A. M. Bates.	870,215	Nov. 5	543	146	131	178
Bags, &c. Protective attachment for traveling.	J. A. Walsh.	851,267	Apr. 23	5129	1079	127	3003
Bags, satchels, purses, &c. Fastening for handles of.	H. B. Welch.	840,978	Jan. 8	2377	521	126	647
Bagasse-furnace.	F. F. Willems.	856,011	June 4	1094	227	128	1970
Baggage coupon-check. Excess.	F. H. Crump.	844,102	Feb. 12	2466	528-9	126	2442
Baggage or freight transferring system.	B. H. Alvey.	872,212	Nov. 26	4355	1038	131	1097
Bail attachment.	C. D. Hungate.	874,681	Dec. 24	4866	1023	131	2047
Bail for cooking utensils.	C. H. Bowman and C. B. McIntosh.	843,863	Feb. 12	2017	433	126	2332
Bailing-machine.	W. P. Marsh.	846,589	Mar. 12	1768	390	127	479
Bait and weed-guard. Artificial.	G. W. Upton.	847,266	Mar. 12	3086	681	127	809
Bait. Artificial.	H. H. Passage.	841,429	Jan. 15	3293	711	126	926
Bait. Artificial.	L. P. Gibson.	841,506	Jan. 15	3450	743	126	969
Bait. Artificial.	B. F. Burke.	849,367	Apr. 9	1495	303	127	2004
Bait. Artificial.	E. A. Grout.	853,972	May 21	3269	671	128	907
Bait. Artificial.	D. W. Brown.	865,676	Sept. 10	1434	406	130	468
Bait. Artificial.	W. E. Davis.	871,057	Nov. 12	1887	517	131	640
Bait. Artificial.	J. G. Henzel.	871,935	Nov. 26	3744	912	131	1004
Bait. Artificial fish.	E. C. Adams.	849,522	Apr. 9	1818	368	127	2088
Bait. Artificial fish.	J. D. Credlebaugh.	865,683	Sept. 10	1445	409	130	471
Bait-hooks, jiggers, and like angling devices. Attachment for.	J. W. Hayward.	856,867	June 11	2780	579	128	2430
Bait trap and holder.	V. Le Beau.	844,945	Feb. 19	4411	943	126	2960
Bait. Trolling artificial.	W. D. Chapman.	839,917	Jan. 1	235	50	126	65
Bake-pan.	J. W. Kirkbride.	859,605	July 9	1993	538	129	700
Bake-pan. Adjustable.	M. A. Wilcox.	868,312	Oct. 15	1726	487	130	1882
Baker's peel.	J. Mio.	872,837	Dec. 3	1097	230	131	1339
Baker's peel.	W. Fickett.	843,333	Feb. 5	1012	208	126	2045
Baking.	F. Nelson and D. A. Bye.	875,451	Dec. 31	6411	1338	131	2320
Baking apparatus.	A. P. Anderson.	874,279	Dec. 17	4056	857	131	1883
Baking apparatus. Cake.	M. Brand.	862,234	Aug. 6	202	56-7	129	2146
Baking machines. Means for supplying fluids to.	J. S. Hama.	866,273	Sept. 17	2359	656	130	800
Baking-pan.	T. O. Bates.	867,229	Oct. 1	3	1	130	1317
Baking-pan.	E. Morrow.	851,826	Apr. 30	6266	1307	127	3323
Baking-pan.	T. Boyd.	857,228	June 18	3472	733	128	2646
Baking-pan.	C. E. Pierce.	868,121	Oct. 15	1425	400	130	1791
Baking-powder and making the same.	O. Best, C. S. Ash, and E. Samson.	856,673	June 11	2438		128	2346
Baking-powder and making the same.	O. Best, C. S. Ash, and E. Samson.	856,673	June 11	2439		128	2346
Baking-powder-making machine.	H. M. Brook.	840,686	Jan. 8	1795	396-7	126	502
Baking utensil. Cake and pie.	L. Nelson.	854,592	May 21	4452	925	128	1206
Balance. Assay.	R. G. Ainsworth.	841,477	Jan. 15	3382	730-1	126	949
Balance. Jolly.	W. A. and J. C. Moore.	865,420	Sept. 10	1022	292	130	339
Balance-weight.	C. E. Pope.	863,635	Aug. 20	2423	666	129	2902
Balance-weight.	C. E. Pope.	863,636	Aug. 20	2423	666	129	2902
Balance-weight.	C. E. Pope.	863,637	Aug. 20	2424	666	129	2902
Balance-weight.	C. E. Pope.	863,638	Aug. 20	2425	667	129	2902
Balance-wheel-regulating device.	J. A. Freund.	862,465	Aug. 6	609	162	129	2279
Balance-wheels. Poising and truing tool for.	J. S. Kirstein.	843,754	Feb. 12	1816	387	126	2283
Balcony. Folding.	G. Regondi.	863,877	Aug. 20	2776	764	129	3012
Bale-forming apparatus.	E. Reagan.	865,316	Sept. 3	851	244-5	130	258
Bale of fibrous materials.	H. L. Duncan.	852,015	Apr. 30	6665	1388	127	3421
Bale-tie.	A. K. Klingender and D. M. Coiner.	851,524	Apr. 23	5627	1178	127	3127
Bale-tie.	E. H. Vance.	872,266	Nov. 26	4455	1059	131	1113
Bale-tie machine.	A. H. and J. H. Symons.	872,770	Dec. 3	944	196-7	131	1317
Bale-tying attachment.	J. Christensen.	875,654	Dec. 31	6911	1440	131	2387
Bales. Compressing.	S. J. Webb.	844,553	Feb. 19	3414	735-6	126	2717
Bales. Forming round.	E. Reagan.	852,105	July 30	5874	1627-8	129	2040
Bales. Means for changing the shape of and compressing.	S. J. Webb.	868,738	Oct. 22	2427	671-2	130	2126
Baler. Hay.	F. A. Rowekamp.	872,850	Dec. 3	1128	238	131	1343
Balers. Power attachment for hay.	F. A. Ryther.	843,631	Feb. 12	1600	338	126	2227
Balers. Self-feeder for.	G. Schubert.	865,614	Sept. 10	1350	383	130	442

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Baling device. Hay-	M. Mead	853,415	May 14	2106	439	128	572
Baling fibrous material and bale. Method of	C. J. Luce	864,975	Sept. 3	340	91	130	108
Baling-machine	J. J. Huggins	845,356	Feb. 26	5256	1114	126	3214
Baling-machine	S. Martin	860,755	July 23	3761	1030-1	129	1337
Baling-machine	W. S. Bryan	875,652	Dec. 31	6905	1439-40	131	2386
Baling-press	S. J. Webb	840,534	Jan. 8	1508	334	126	432
Baling-press	H. A. Starr	841,735	Jan. 22	3885	843	126	1111
Baling-press	M. I. Parkhurst	842,578	Jan. 29	5668	1198-9	126	1594
Baling-press	J. J. Stoppel	844,053	Feb. 12	2372	508-9	126	2418
Baling-press	C. E. Wehrenberg	844,068	Feb. 12	2400	514-15	126	2426
Baling-press	J. M. De Coster	844,258	Feb. 12	2785	594-5	126	2525
Baling-press	F. S. Robinson	844,751	Feb. 19	4053	864	126	2869
Baling-press	C. E. Field	845,625	Feb. 26	5748	1216-17	126	3335
Baling-press	J. W. Graves	846,199	Mar. 5	972	206-7	127	247
Baling-press	H. L. Duncan	846,735	Mar. 12	2038	448-9	127	548
Baling-press	W. D. Ivy	847,181	Mar. 12	2915	641-2	127	765
Baling-press	J. S. Tuttle	848,411	Mar. 26	5413	1180-1	127	1452
Baling-press	J. S. Tuttle	848,412	Mar. 26	5414	1181	127	1453
Baling-press	C. E. Wehrenberg	848,420	Mar. 26	5429	1183-4	127	1456
Baling-press	W. E. Tate	848,780	Apr. 2	322	66	127	1668
Baling-press	J. A. Carney	849,658	Apr. 9	2061	423	127	2148
Baling-press	H. L. Whitman	849,874	Apr. 9	2465	506-7	127	2252
Baling-press	J. A. Spencer	850,105	Apr. 9	2857	598	127	2347
Baling-press	S. E. Guttridge	851,131	Apr. 23	4817	1015-16	127	2926
Baling-press	W. F. Truelsen	851,714	Apr. 30	6049	1263	127	3264
Baling-press	L. P. Agnew	852,252	Apr. 30	7124	1491-2	127	3539
Baling-press	C. W. Field	854,345	May 21	3991	825	128	1093
Baling-press	C. E. Bower	854,454	May 21	4202	870	128	1146
Baling-press	J. S. Tuttle	854,678	May 21	4609	960-1	128	1246
Baling-press	E. H. McMurry	855,015	May 28	5323	1105-6	128	1458
Baling-press	E. Rhodovi	855,669	June 4	425	88-9	128	1803
Baling-press	E. May	857,086	June 18	3216	677	128	2580
Baling-press	J. Q. Adams	859,637	July 9	2032	549	129	711
Baling-press	N. N. Millage	859,680	July 9	2111	569	129	737
Baling-press	C. T. Moore	860,146	July 16	2816	768	129	997
Baling-press	S. C. Beale	861,701	July 30	5248	1442	129	1847
Baling-press	W. M. Fitzwater	863,975	Aug. 20	2922	805	129	3058
Baling-press	J. King	865,186	Sept. 3	643	182	130	196
Baling-press	W. P. Evans and C. W. Carr	866,637	Sept. 24	2886	815-16	130	996
Baling-press	C. Jelf	867,200	Sept. 24	3771	1065	130	1276
Baling-press	H. B. Trout	867,767	Oct. 8	818	233	130	1584
Baling-press	J. J. Stoppel	868,142	Oct. 15	1449	408	130	1798
Baling-press	J. A. G. Maxwell	869,251	Oct. 29	3206	882-3	130	2396
Baling-press	A. Gastonguay	869,561	Oct. 29	3724	1020	130	2556
Baling-press	F. Bowen	870,010	Nov. 5	219	58-9	131	78
Baling-press	T. A. Jones	872,431	Dec. 3	240	48	131	1206
Baling-press	F. B. Cumpston	874,306	Dec. 17	4113	866-7	131	1892
Baling-press	H. L. Whitman	874,814	Dec. 24	5117	1078	131	2091
Baling-press	G. E. Jackson	875,271	Dec. 31	6050	1262-4	131	2264
Baling-press binder attachment	F. J. Katz	866,934	Sept. 24	3344	944-5	130	1143
Baling-press feed mechanism	G. V. Davis	844,103	Feb. 12	2467	529	126	2442
Baling-press head-block	G. W. Spaulding	873,803	Dec. 17	3052	649	131	1726
Baling-press packer	D. E. Bellinger	872,639	Dec. 3	673	140-1	131	1274
Baling-press plunger	G. Schubert	848,054	Dec. 26	4741	1033	127	1284
Baling-presses. Bale-tying mechanism for	C. E. and H. W. Bower	873,835	Dec. 17	3131	666-8	131	1738
Baling-presses. Pumping mechanism for	S. C. Beale	863,138	Aug. 13	1682	451	129	2639
Baling-presses. Self-feed mechanism for	J. S. Tuttle	848,413	Mar. 26	5416	1181-2	127	1453
Ball:							
See Bowling-ball.	Game-ball.						
Ball.	C. R. Fleischman	859,378	July 9	1659	442	129	590
Ball-and-socket-joint cushion	C. B. Pinckney	841,570	Jan. 15	3550	767	126	993
Ball apparatus. Captive	J. F. Dovie	861,506	July 30	4949	1359	129	1755
Ball back-stop. Base	W. S. Titus	849,941	Apr. 9	2571	533-4	127	2278
Ball-bearing wheel	F. J. and H. J. Hansen	856,634	June 11	2366	487	128	2327
Ball-cover clamp. Base	F. A. Brusseau	848,007	Mar. 26	4667	1017	127	1266
Ball-covers, &c. Seam for	D. M. Montgomery	857,294	June 18	3603	763	128	2679
Ball-distributor	A. Kowastch and L. Reinicke	870,108	Nov. 5	356	100	131	119
Ball-feeding mechanism	W. C. Gilmore	857,993	June 25	5003	1056-7	128	3062
Ball marker. Golf-	J. C. Cory	849,600	Apr. 9	1957	401	127	2121
Ball-mill	H. Löhnert	851,013	Apr. 23	4609	966	127	2875
Ball-mill. Tubular	M. F. Abbé	841,841	Jan. 22	4129	889-90	126	1176
Ball molding apparatus. Golf and other playing	P. Dick	863,366	Aug. 13	2025	546	129	2749
Ball transmitter. Carbon-	K. M. Turner and N. W. Johnston	844,635	Feb. 19	3804	805	126	2806
Balls. Making hollow metal	O. Spahr	861,403	July 30	4800	1316	129	1709
Balls. Making playing-	F. H. Richards	849,572	Apr. 9	1902	390	127	2109
Balls. Making playing-	F. H. Richards	850,253	Apr. 16	3151	658	127	2465
Balls. Making playing-	F. H. Richards	863,448	Aug. 13	2125	573-4	129	2779
Balls. Manufacture of golf-	A. B. and J. Macneil	843,346	Feb. 5	1036	213	126	2051
Balling-machine	A. E. Rhoades	867,153	Sept. 24	3685	1043-4	130	1249
Balloon. Captive	H. A. Hervé	870,430	Nov. 5	889	239-40	131	293
Balloon-inflator	F. J. Creque	874,166	Dec. 17	3822	806	131	1843
Balloons. Car of navigable	P. H. Unsinger	842,505	Jan. 29	5524	1171	126	1562
Balloons. Car suspension for motor-	A. von Parseval	872,539	Dec. 3	479	100	131	1241
Ballot and ballot-book. Indexed	F. A. Johnson	874,599	Dec. 24	4699	988	131	2020
Ballot and distributor box. Secret-	G. L. Murden	840,151	Jan. 1	738	160	126	200
Ballot-box	D. Allcut	866,413	Sept. 17	2563	715-16	130	864
Ballot-strip-locking device	C. C. Abbott	873,824	Dec. 17	3104	662	131	1734
Banana-case	W. Bell	872,788	Dec. 3	980	203	131	1323
Band. Adjustable	G. Condory	861,638	July 30	5158	1415	129	1822
Band and fastener combined	J. S. Mark	867,518	Oct. 1	439	125	130	1452
Band-brake	F. O'Brien	873,679	Dec. 10	2781	590	131	1652
Band-cutter and feeder	W. T. Madill	842,898	Feb. 5	109	26	126	1817
Band-cutter and feeder	C. Christiansen	865,867	Sept. 10	1745	486-7	130	577
Band-cutter and feeder	W. E. Donner	868,163	Oct. 15	1472	414-15	130	1806
Band-cutter and feeder	W. A. True	869,113	Oct. 22	2987	825	130	2300
Band-cutter and feeder	G. W. Tice	871,742	Nov. 19	3302	816	131	909

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Band-cutter and feeder	A. Mahlen	874,975	Dec. 31	5484	1146	131	2168
Bandage	J. Walter	850,281	Apr. 16	3197	606	127	2477
Bandage. Facial	A. L. Black	862,794	Aug. 6	1132	306	139	2429
Bandage receptacle. Antiseptic	O. C. Schulz	857,680	June 25	4342	918	128	2896
Bandage-rolls, &c. Machine for brushing	J. E. Lee	844,816	Feb. 19	4193	893	126	2906
Bandage. Suspensory	W. J. Teufel	860,584	July 16	3480	956	129	1215
Bandage-winding machine	J. G. Crawford	842,302	Jan. 29	5066	1080	126	1436
Bandages. Receptacle for antiseptic	O. C. Schulz	872,379	Dec. 3	128	24	131	1187
Banded stove-pipe	J. S. F. Marks	852,336	Apr. 30	7268	1528	127	3573
Banding-machine	A. Shedlock	840,022	Jan. 1	453	99	126	123
Banding-machine	T. A. Sizemore	855,351	May 28	5977	1247	128	1623
Banjo attachment	E. J. Babbitt	871,158	Nov. 19	2103	564	131	718
Banjo-support	F. B. Piper	856,804	June 11	2672	551	128	2405
Bank. Calendar	S. E. Creasey	847,652	Mar. 19	3891	850	127	1043
Bank lock. Savings	O. Pfleger	845,815	Mar. 5	158	31	127	43
Bank. Pocket	J. B. Weir, I. D. Perry, and J. Merckens	848,218	Mar. 26	5008	1095	127	1352
Bank. Pocket coin	W. P. Harvey	848,302	Mar. 26	5195	1133	127	1399
Bank. Pocket savings	E. Vaughn	845,908	Mar. 5	384	78	127	99
Bank. Portable	J. B. Poore	870,843	Nov. 12	1548	425	131	534
Bank. Portable savings	W. E. Sexton	840,262	Jan. 1	957	208	126	259
Bank. Savings	E. E. Forest	849,469	Apr. 9	1691	341	127	2056
Bank. Savings	W. Sams	862,282	Aug. 6	290	82	129	2173
Bank. Savings	W. Sams	862,283	Aug. 6	291	82	129	2174
Bank. Savings	J. L. Kesner	871,874	Nov. 26	3621	884	131	985
Bar:							
See Angle or splice bar. Mosquito-bar.							
Boring-bar. Mowing-machine fin-							
Buckle-bar. ger-bar.							
Charging-bar. Piano capo-tasto bar.							
Clamp-bar. Reinforcing-bar.							
Concrete bar. Ridge-bar.							
Concrete-reinforcing bar. Sanitary bar.							
Core-bar. Sash-bar.							
Corrugated bar. Sickle-bar.							
Detector-bar. Splice-bar.							
Draft-bar. Splice or angle bar.							
Grate-bar. Steel connecting-bar.							
Handle-bar. Tamping-bar.							
Jail-bar. Tracker-bar.							
Metal bar. Type-bar.							
Bar-handling apparatus	E. E. Slick	872,383	Dec. 3	135	26	131	1188
Barber's heater	J. L. Boucher	848,627	Apr. 2	15	4	127	1588
Barge	J. P. Karr and J. D. Rauch	874,849	Dec. 24	5172	1090	131	2102
Barge, boat, &c.	G. W. Theiss	852,987	May 7	1264	262	128	322
Barges. Rake corner or knuckle for steel	R. J. Donovan	853,920	May 14	3155	645	128	839
Barium oxid. Producing porous	H. Schulze	870,691	Nov. 12	1296	354	131	455
Bark from trees. Device for cutting	W. T. Tinsley	875,391	Dec. 31	6293	1312	131	2301
Bark-mill	E. F. Smith	863,459	Aug. 13	2144	578-9	129	2784
Bark-peeling machine	J. J. Russell and A. J. Bayley	871,296	Nov. 19	2409	623-4	131	765
Bark-splitting machine	H. L. Staley	866,975	Sept. 24	3402	963-4	130	1161
Barn and shed. Wooden	M. von May and C. Werkenthin	854,514	May 21	4302	890	128	1170
Barn-fork. Wheeled	C. J. Ensrud and G. K. Stockland	861,274	July 30	4586	1252-3	129	1643
Barometer. Aneroid	A. E. Kahn	869,909	Nov. 5	51	15	131	18
Barrel	J. F. East	841,002	Jan. 8	2423	530	126	658
Barrel	E. C. Phillips	859,615	July 9	2004	540	129	703
Barrel	F. E. Lowry	869,209	Oct. 22	3131	863	130	2345
Barrel and box carrier	J. A. Wright	849,449	Apr. 9	1639	332	127	2044
Barrel-assembling machine	O. Schimansky	869,024	Oct. 22	2859	789	130	2259
Barrel attachment	J. H. Rothrock	871,635	Nov. 19	3118	773	131	876
Barrel chiming and crozing machine	C. J. Alley	856,561	June 11	2218	456	128	2289
Barrel-cleaner	L. Lange	869,915	Nov. 5	57	17	131	19
Barrel-cover	J. F. East	872,614	Dec. 3	616	130	131	1264
Barrel cover or lid support	W. J. Madole and H. Boerner	849,552	Apr. 9	1866	379	127	2100
Barrel elevator and trip	B. F. Sommers	855,141	May 28	5594	1163-4	128	1525
Barrel-follower	C. Kuheim	839,859	Jan. 1	108	27	126	31
Barrel-follower	C. Kuheim	870,729	Nov. 12	1359	371	131	477
Barrel-head fastener	G. L. Richards	872,749	Dec. 3	906	188	131	1310
Barrel-head linings. Making	L. Y. Williams	846,885	Mar. 12	2355	517-18	127	630
Barrel-hoop	C. Hoff	840,212	Jan. 1	864	186	126	234
Barrel. Hoopless	J. C. and C. A. Parker	871,817	Nov. 26	3484	854	131	964
Barrel-leveling machine	J. S. Oram	846,601	Mar. 12	1798	396	127	487
Barrel-leveling machine	J. S. Oram	846,602	Mar. 12	1802	397	127	488
Barrel. Metallic	C. L. Coffin	845,760	Mar. 5	56	11	127	18
Barrel or bag emptying device	W. Neef	867,292	Oct. 1	96	30	130	1343
Barrel or receptacle	H. S. Reynolds	854,237	May 21	3810	786	128	1045
Barrel, &c., pitching apparatus	J. H. G. Zunner	859,164	July 2	1312	349	129	442
Barrel-pitching equipment	P. Sherrer	871,829	Nov. 26	3518	860-1	131	969
Barrel-rinser	S. C. O. Berg	867,568	Oct. 8	527	150-1	130	1493
Barrel stand and truck	P. T. Herreid	861,848	July 30	5483	1512	129	1917
Barrel-supporting device. Liquor	C. G. Schenck	863,659	Aug. 20	2450	674	129	2910
Barrel-trussing and hoop-driving machine	J. B. Stanhope	852,040	Apr. 30	6749	1402-3	127	3434
Barrels and similar packages. Apparatus for trussing	C. G. Knorr and J. Stankovich	863,925	Aug. 20	2851	784-5	129	3037
Barrette	W. S. Bechtold	859,797	July 9	2273	618	129	790
Barrette	W. S. Bechtold	859,798	July 9	2274	618	129	790
Base-board	A. M. Bryan	871,028	Nov. 12	1844	505	131	626
Basement-pipe	C. W. O'Neill	864,910	Sept. 3	234	64	130	73
Basin and bath-tub attachment	G. A. Steiner and J. Evans, Jr.	854,184	May 21	3701	765	128	1016
Basin. Catch	S. G. Howe	863,181	Aug. 13	1747	469	129	2660
Basin-fitting	D. J. Butterfield	852,596	May 7	451	83	128	119
Basin-fixture	G. W. Gano	857,989	June 25	4991	1055	128	3058
Basin-trap	A. M. Morrison	875,587	Dec. 31	6674	1393	131	2363
Basins and the like. Attachment for wash	J. Treager	858,234	June 25	5478	1168	128	3183
Basket	V. Nacht, P. Salomon, and J. Erzen.	841,170	Jan. 15	2786	608	126	797
Basket carrier-frame	J. H. Cameron	874,658	Dec. 24	4823	1012	131	2040

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Basket construction.	D. H. Ryan. (Reissue)	12,676	July 23	4518	1236	129	1586
Basket. Fruit.	A. G. Vient.	872,206	Nov. 26	4341	1036	131	1095
Basket. Fruit-picker's.	F. Cartmel.	849,976	Apr. 9	2631	550	127	2293
Basket, hamper, &c.	J. A. Mouis.	844,826	Feb. 19	4204	896	126	2909
Basket-handle.	J. B. Kenny	849,402	Apr. 9	1862	317	127	2023
Basket-handle.	J. J. Sturm.	865,065	Sept. 3	479	132	130	145
Basket-holder.	G. S. Paine.	875,452	Dec. 31	6412	1338	131	2321
Basket-machine.	B. S. Noe.	856,901	June 11	2843	594	128	2446
Basket-making machine.	S. L. Casella.	867,013	Sept. 24	3466	982	130	1182
Basket-making machines. Nailing mechanism for.	E. Horton.	874,361	Dec. 17	4213	887	131	1910
Basket. Wire.	A. H. Sickmiller.	858,453	July 2	303	76	129	107
Baskets and crates. Carrier-handle for.	J. J. Blue.	842,296	Jan. 29	5054	1078	126	1433
Bat-forming apparatus.	D. Haynes.	858,453	July 2	135	36	129	45
Bats. Machine for making.	W. R. Pelton.	863,751	Aug. 20	2580	713-14	129	2953
Bath:							
See Acid-bath.	Pickling-bath.						
Horse's foot and leg bath.	Shower-bath.						
Photographic-printing bath.	Steel-tempering bath.						
Bath and basin stopper.	H. C. Freshour.	852,501	May 7	245	44	128	69
Bath apparatus.	J. B. Stockton.	871,074	Nov. 12	1908	523	131	647
Bath apparatus. Shower-	N. L. Wallen.	865,137	Sept. 3	569	160	130	172
Bath apparatus. Valve-operating mechanism for shower.	T. F. Kewley.	842,961	Feb. 5	233	52	126	1847
Bath apparatus. Vapor-	O. D. Waltz.	864,052	Aug. 20	3032	838	129	3091
Bath-cabinet.	J. Hermann.	850,367	Apr. 16	3369	704	127	2522
Bath-cabinet.	J. E. Francoeur.	853,009	May 7	1319	274-5	128	335
Bath-cabinet.	C. W. Groover.	860,463	July 16	3297	901	129	1154
Bath-cabinet.	A. M. Walstrom.	873,811	Dec. 17	3067	652	131	1729
Bath-room for apartment-houses. Extension.	P. G. Hubert.	864,376	Aug. 27	3528	979	129	3273
Bath-sprays and the like. Connection for.	H. L. Bruen.	846,905	Mar. 12	2395	527	127	638
Bath-tub.	A. H. Viel.	853,276	May 14	1826	380	128	495
Bath-tub and sprinkler attachment.	O. C. Brant.	867,343	Oct. 1	178	52	130	1366
Bath-tub attachment.	A. Stein.	861,916	July 30	5576	1540	129	1946
Bath-tub attachment.	W. C. De Camps.	870,086	Nov. 5	328	92	131	109
Bath-tub-leg fastening.	C. H. Booth.	846,977	Mar. 12	2531	558	127	673
Bath-tub. Portable.	F. M. Sherrer and B. M. Faler.	860,577	July 16	3466	952-3	129	1211
Bath-tub showerattachment.	F. E. Ball.	871,663	Nov. 19	3164	784	131	885
Bath-tub trap.	T. E. Logan.	855,109	May 28	5542	1151	128	1513
Bath-tub waste-fitting.	J. W. Sharp, Jr.	843,968	Feb. 12	2218	474	126	2383
Bath-tubs, basins, and like fixtures. Waste for.	P. F. Guthrie and T. Hayes.	851,513	Apr. 23	5606	1174	127	3121
Bath waste and overflow.	H. M. Weaver.	861,489	July 30	4931	1354	129	1749
Baths, &c. Head for shower.	W. Attlessey.	870,924	Nov. 12	1678	462	131	576
Bathing and massaging device.	A. Mattison.	872,441	Dec. 3	257	52	131	1209
Bathing and massaging machine. Portable rotary.	C. F. Faupel.	869,890	Nov. 5	27	8	131	11
Bathing apparatus.	W. H. Cloud.	843,260	Feb. 5	873	178	126	2015
Bathing-chair.	G. N. Moore.	856,279	June 11	1623	338	128	2139
Bathing-hood.	R. Stollberg.	840,169	Jan. 1	766	167	126	207
Bathing-suit.	J. Bullis.	873,713	Dec. 17	2868	610	131	1697
Batteries and similar purposes. Controller for storage.	F. L. Sessions.	858,478	July 2	199	47	129	74
Batteries. Automatic engaging and disengaging device for dynamo and storage.	O. Böhm.	840,685	Jan. 8	1792	396	126	501
Batteries. Building up of spongy lead plates for electric storage.	J. Diamant.	859,753	July 9	2212	601	129	770
Batterie. Flexible electric connection for storage.	B. Ford.	854,817	May 28	4921	1022	128	1355
Batteries or electrolytic apparatus. Manufacture of elements for.	F. A. Decker.	839,815	Jan. 1	29	7	126	10
Battery:							
See Dry battery.	Primary battery.						
Electric induction-battery.	Primary and secondary battery.						
Electrolytic-cell battery.	Secondary battery.						
Galvanic battery.	Secondary or storage battery.						
Hygienic cartridge-battery.	Soap-molding battery.						
Medical battery.	Storage battery.						
Battery.	F. A. Decker.	842,389	Jan. 29	5267	1117-18	126	1494
Battery.	F. A. Decker.	842,867	Feb. 5	52	12	126	1802
Battery.	B. B. Downs.	855,880	June 4	847	176	128	1908
Battery.	F. A. Decker.	857,606	June 25	4210	890	128	2861
Battery.	R. S. Clymer and T. M. Woodhouse.	865,330	Sept. 3	875	251	130	265
Battery-assembling apparatus. Storage-	L. H. Flanders.	871,393	Nov. 19	2625	671	131	798
Battery binding-post.	G. H. Cove.	840,915	Jan. 8	2262	497	126	618
Battery binding-post attachment.	G. H. Cove.	842,771	Jan. 29	6110	1289	126	1702
Battery can or receptacle. Storage-	T. A. Edison.	857,041	June 18	3119	658	128	2555
Battery can or receptacle. Storage-	T. A. Edison.	861,242	July 23	4512	1235	129	1583
Battery-cell.	H. Gernsback.	842,950	Feb. 5	214	48	126	1843
Battery-cell.	A. H. Marks.	859,091	July 2	1501	323	129	406
Battery connection.	G. P. Blow.	873,660	Dec. 10	2749	583	131	1645
Battery-containing cell.	G. H. Stout.	842,123	Jan. 22	4664	1001-2	126	1302
Battery element.	F. A. Decker.	842,945	Feb. 5	205	46	126	1840
Battery element.	O. F. Harvey.	853,877	May 14	3046	626	128	812
Battery elements. Coupling for.	F. A. Decker.	839,817	Jan. 1	33	8	126	10
Battery grid. Storage-	R. N. Chamberlain.	869,348	Oct. 29	3369	927	130	2445
Battery grid. Storage-	J. Marx.	873,382	Dec. 19	2231	464	131	1553
Battery jar or cell.	J. Y. Bradbury.	842,616	Jan. 29	5759	1216	126	1618
Battery-plate.	W. G. C. Krause.	848,559	Mar. 26	5671	1241-2	127	1516
Battery-plate and making same.	J. Bijur.	854,326	May 21	3951	817	128	1083
Battery-plate and making same. Secondary-	L. N. J. Roselle.	850,788	Apr. 10	4174	875	127	2725
Battery plate or grid. Storage-	J. Marx.	867,691	Oct. 1	250	72	130	1390
Battery-plate receptacle. Storage-	C. S. Kaufmann.	848,996	Apr. 2	767	156	127	1783
Battery plate. Storage-	W. Morrison.	842,801	Jan. 29	6161	126	1715	
Battery plate. Storage-	J. Bijur.	845,048	Feb. 26	4625	984	126	3053
Battery plate. Storage-	W. Gardiner.	874,841	Dec. 24	5160	1087	131	2099

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Battery plates. Making storage-	W. L. Silvey	855,991	June 4	1059	220	128	1961
Battery switch. Storage-	S. A. Leonard	842,405	Jan. 29	5306	1125	126	1506
Battery vent-valve	F. J. Scholow	844,755	Feb. 19	4061	865	126	2871
Battery-zinc	H. C. Thomson	866,748	Sept. 24	3066	864	130	1057
Bayonet and side arm	A. Krüll	873,054	Dec. 10	1582	331	131	1446
Beading-machine	C. Pease	859,104	July 2	1213	327	129	409
Beading or molding tool	A. Pellrin	868,803	Oct. 22	2530	697	130	2158
Beam	G. B. and G. D. McLean	849,917	Apr. 9	2536	524	127	2270
Beam clamp and hanger	D. A. Alexander	862,372	Aug. 6	433	118	129	2222
Beam-frame for continuous concrete girders	H. Haiss	866,461	Sept. 17	2628	735	130	886
Beam-frame. Universal	H. Haiss	866,460	Sept. 17	2626	734	130	885
Beam or girder	T. G. Hill	859,176	July 2	1330	354	129	448
Beam or girder. Metallic	T. G. Hill	854,947	May 28	5182	1079	128	1423
Beam. Reinforced steel	E. Swenson	871,075	Nov. 12	1910	523	131	647
Beam-setting press	M. Sklovsky	851,323	Apr. 23	5243	1099-1100	127	3033
Beam-shear	C. L. Taylor	847,526	Mar. 19	3614	796-7	127	972
Beam-straightening press	C. L. Taylor	844,425	Feb. 19	3139	674	126	2650
Beam. Structural	H. F. Voshardt	854,391	May 21	4068	841-2	128	1112
Bean-cutter	J. W. Brown	866,185	Sept. 17	2228	622	130	757
Bean-picking machine	G. F. Crippen	855,432	May 28	6118	1279	128	1656
Beans, &c. Machine for trimming string-	W. B. Phinney	871,734	Nov. 19	3281	812-13	131	906
Bearing	J. C. Cromwell	856,228	June 11	1508	317	128	2108
Bearing	W. Brew	861,704	July 30	5254	1443	129	1948
Bearing	R. P. Thompson	862,216	Aug. 6	172	48	129	2137
Bearing	A. E. Thames	862,679	Aug. 6	962	257	129	2381
Bearing	H. M. Godsey	866,272	Sept. 17	2358	655	130	800
Bearing	F. W. Schoenberger	870,799	Nov. 12	1477	399	131	513
Bearing. Adjustable	E. S. Clough	848,224	Mar. 26	5020	1097	127	1355
Bearing. Adjustable	N. J. Theede	875,389	Dec. 31	6290	1311	131	2301
Bearing alarm-signal. Movable-	L. H. Des Isles	859,925	July 16	2478	673	129	885
Bearing. Annular ball-	J. D. Maxwell	847,487	Mar. 19	3539	774	127	951
Bearing. Antifriction-	L. H. Seubert	852,462	May 7	154	27	128	47
Bearing. Antifriction-	T. Fox	854,573	May 21	4419	917	128	1391
Bearing. Antifriction-	J. Dove-Smith and F. E. Lauer	854,877	May 28	5061	1052	128	1199
Bearing. Antifriction-	T. A. Blakely	872,709	Dec. 3	825	171-2	131	1297
Bearing. Antifriction center-	J. C. Barber	846,893	Mar. 12	2377	523	127	635
Bearing. Antifriction center-	J. C. Barber	846,894	Mar. 12	2378	523	127	635
Bearing. Antifriction lateral-motion center-	J. C. Barber	846,892	Mar. 12	2375	522	127	634
Bearing. Antifriction lateral-motion center-	J. C. Barber	871,200	Nov. 19	2185	581	131	732
Bearing. Antifriction wheel-	J. P. Wulff	872,397	Dec. 3	159	30	131	1193
Bearing. Axle	B. Moore	850,774	Apr. 16	4148	867	127	2719
Bearing. Ball	A. Riebe	840,805	Jan. 8	2033	449	126	562
Bearing. Ball	J. F. Springer	841,063	Jan. 8	2549	556-7	126	692
Bearing. Ball	F. W. Gurney	845,632	Feb. 26	5760	1219-20	126	3338
Bearing. Ball	A. C. Hachfield	845,778	Mar. 5	91	18	127	27
Bearing. Ball	L. Burg	846,727	Mar. 12	2019	444	127	543
Bearing. Ball	A. T. Sisson	848,776	Apr. 2	318	65	127	1667
Bearing. Ball	H. Hess	851,419	Apr. 23	5430	1137	127	3080
Bearing. Ball	H. B. Keiper	854,505	May 21	4287	887	128	1166
Bearing. Ball	H. Barthel	856,209	June 11	1467	309	128	2099
Bearing. Ball	W. Nice, Jr.	856,599	June 11	2286	470	128	2307
Bearing. Ball	O. C. Knipe	859,083	July 2	1188	320	129	402
Bearing. Ball	J. W. Dickinson, Jr.	859,374	July 9	1651	439	129	588
Bearing. Ball	W. M. Power	864,859	Sept. 3	152	43	130	48
Bearing. Ball	P. J. McCullough	871,949	Nov. 26	3778	918	131	1009
Bearing. Ball	F. Greiner	874,401	Dec. 24	4306	906	131	1956
Bearing. Box	A. O. Hedfors	843,601	Feb. 12	1534	324	126	2208
Bearing-box	C. D. Parker	863,987	Aug. 13	1592	429	129	2610
Bearing. Center-	W. Townsend	870,483	Nov. 5	962	263	131	312
Bearing. Centrifugal-separator	C. H. Shaw	852,203	Apr. 30	7042	1471	127	3518
Bearing. Colter-	T. R. Wallis	849,948	Apr. 9	2587	537	127	2282
Bearing. Disk	H. E. Dodson	866,007	Sept. 17	1961	547-8	130	674
Bearing. Disk	A. F. Brown	874,485	Dec. 24	4462	941	131	1983
Bearing. Engine	W. B. Mason	858,087	June 25	5205	1103-4	128	3114
Bearing. Flotation	O. White	860,173	July 16	2853	778	129	1009
Bearing. Fluid-pressure thrust-	O. Lasche	846,927	Mar. 12	2442	535	127	650
Bearing for centrifugal separators. Spindle-	W. Jørgensen	864,470	Aug. 27	3674	1022	129	3323
Bearing for electrical and other instruments. Jeweled	J. Wennstrom	856,007	June 4	1084	225	128	1968
Bearing for grinding-wheel shafts	D. B. Hyde	850,650	Apr. 16	3931	821	127	2667
Bearing for machine-spindles. Compensating	B. M. W. Hanson	851,005	Apr. 23	4590	962-3	127	2869
Bearing for rapidly-rotating bodies	I. P. B. Knudsen	861,737	July 30	5300	1461	129	1861
Bearing for separator-spindles. Step-	J. T. Shields	867,426	Oct. 1	298	87	130	1406
Bearing for vault and safe door jambs. Adjustable bolt-	J. H. Williams	871,844	Nov. 26	3547	867	131	974
Bearing for vehicles. Spring-	R. J. Edwards	873,221	Dec. 10	1892	396	131	1497
Bearing for water-meters	E. E. Gamon	856,245	June 11	1556	326	128	2121
Bearing guide. Roller-	C. S. Lockwood	861,870	July 30	5513	1521	129	1927
Bearing. Journal-	F. Fleming	869,629	Oct. 29	3827	1048	130	2586
Bearing. Lubricating-	N. A. Christensen	841,122	Jan. 15	2703	590	126	776
Bearing-metal package	N. Lodor	842,477	Jan. 29	5477	1160	126	1551
Bearing. Roller-	L. P. Walter	839,973	Jan. 1	341	75-6	126	93
Bearing. Roller-	M. S. Conly	841,937	Jan. 22	4304	928	126	1216
Bearing. Roller-	M. S. Conly	841,938	Jan. 22	4306	928	126	1216
Bearing. Roller-	F. W. Nims	844,392	Feb. 19	3086	663	126	2636
Bearing. Roller-	T. Cooper	846,908	Mar. 12	2400	528	127	640
Bearing. Roller-	G. Rennerfelt	847,260	Mar. 12	3067	676	127	804
Bearing. Roller-	G. Rennerfelt	847,261	Mar. 12	3071	677	127	805
Bearing. Roller-	E. Belknap	847,274	Mar. 12	3100	683	127	812
Bearing. Roller-	R. G. Eastman	848,642	Apr. 2	41	9	127	1595
Bearing. Roller-	W. D. Hodson	848,650	Apr. 2	53	12	127	1598
Bearing. Roller-	A. J. Morse	849,488	Apr. 9	1750	354	127	2070
Bearing. Roller-	W. T. Fleming	853,445	May 14	2161	450	128	587
Bearing. Roller-	E. Gesche	855,169	May 28	5654	1176	128	1542
Bearing. Roller-	J. A. Perkins	856,291	June 11	1650	343	128	2145
Bearing. Roller-	J. A. Perkins	859,245	July 9	1440	383	129	519

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Bearing. Roller.....	E. J. Edwards.....	859,806	July 9	2282	621	129	793
Bearing. Roller.....	W. S. Sharpneck.....	860,832	July 23	3865	1060	129	1371
Bearing. Roller.....	C. O. Johnson.....	861,592	July 30	5084	1395	129	1799
Bearing. Roller.....	J. Jacob.....	862,399	Aug. 6	486	130	129	2239
Bearing. Roller.....	J. Halmasi.....	863,986	Aug. 20	2938	809	129	3063
Bearing. Roller.....	E. J. Edwards.....	864,409	Aug. 27	3573	994	129	3287
Bearing. Roller.....	E. J. Edwards.....	864,410	Aug. 27	3576	994	129	3288
Bearing. Roller.....	H. W. Alden.....	865,472	Sept. 10	1110	316-17	130	366
Bearing. Roller.....	S. S. Eveland.....	865,636	Sept. 10	1377	391	130	450
Bearing. Roller.....	F. Stratton.....	869,217	Oct. 22	3141	866	130	2348
Bearing. Roller.....	J. Jacob.....	871,409	Nov. 19	2659	678-9	131	803
Bearing. Roller.....	J. Jacob.....	871,410	Nov. 19	2663	679	131	804
Bearing. Roller.....	J. E. Sackett.....	874,119	Dec. 17	3741	786-7	131	1829
Bearing. Roller.....	E. J. Edwards.....	874,837	Dec. 24	5155	1086	131	2098
Bearing. Rotary-shaft.....	F. Ogden.....	846,341	Mar. 5	1236	272	127	312
Bearing. Self-righting roller.....	O. F. Zahn.....	849,094	Apr. 2	958	196	127	1832
Bearing. Shaft.....	A. H. Kruesi.....	846,795	Mar. 12	2162	476	127	580
Bearing. Shaft.....	J. F. Ayers.....	847,541	Mar. 19	3646	803	127	982
Bearing. Shaft.....	F. T. Zimmerman.....	870,810	Nov. 12	1498	409	131	519
Bearing. Shaft.....	W. E. Ver Planck.....	872,365	Dec. 3	107	19	131	1183
Bearing. Shaft.....	A. Sauer.....	873,097	Dec. 10	1666	347	131	1460
Bearing-shaft.....	J. P. Karns.....	867,511	Oct. 1	427	121	130	1448
Bearing. Spindle step.....	T. W. Morgan.....	847,803	Mar. 19	4195	918	127	1114
Bearing. Spring.....	R. J. Edwards.....	843,591	Feb. 12	1515	322	126	2204
Bearing. Thrust.....	T. S. Patterson.....	839,885	Jan. 1	167	38	126	47
Bearing. Thrust.....	F. Schulz.....	848,773	Apr. 2	313	64	127	1666
Bearing. Trolley-wheel.....	W. M. Caswell.....	871,913	Nov. 26	3695	902	131	998
Bearings. Adjusting device for cone ball.....	F. T. Farmer.....	840,306	Jan. 1	1038	227	126	278
Bearings. Apparatus for preparing rings for ball.....	S. Schneider.....	841,577	Jan. 15	3562	769	126	997
Bearings. Ball-holding ring for ball.....	S. Schneider.....	851,697	Apr. 30	6012	1256	127	3254
Bearings. Cage for rolls in roller.....	C. S. Lockwood.....	868,105	Oct. 15	1401	393	130	1784
Bearings. Cage-ring for ball.....	J. M. Model.....	851,019	Apr. 23	4617	968	127	2877
Bearings. Mechanism for adjusting.....	V. E. Edwards.....	854,789	May 28	5064	1053	128	1392
Bearings. Preparing rings for ball.....	S. Schneider.....	842,500	Jan. 29	5518	1169	126	1561
Bearings. Roll-mounting for roller.....	P. S. Steenstrup.....	859,347	July 9	1606	426	129	574
Bearings. Safety-brass for motor.....	C. T. Powell.....	863,089	Aug. 13	1594	430	129	2611
Bearings. Spring-separator for ball.....	F. Beemer.....	860,186	July 16	2875	725	129	1015
Beater.....	J. Husser.....	843,461	Feb. 5	1228	257	126	2100
Beater.....	S. H. Coombs.....	865,999	Sept. 17	1950	544-5	130	670
Beater or mixer.....	A. W. Cram.....	844,499	Feb. 19	3293	710	126	2689
Beater or mixer.....	E. J. and T. R. Schuirmann.....	849,273	Apr. 2	1310	266	127	1922
Beater or mixer.....	G. E. Savage and J. R. Marcheseault.....	871,895	Nov. 26	3661	892	131	992
Beating-engine.....	E. A. Jones.....	841,981	Jan. 22	4392	947	126	1237
Beating-engine.....	J. E. Warren.....	860,169	July 16	2849	777	129	1008
Bed.....	F. G. Gale.....	840,616	Jan. 8	1684	369	126	475
Bed.....	N. S. A. E. Myers.....	840,645	Jan. 8	1726	380	126	486
Bed.....	W. H. Fritts.....	847,465	Mar. 19	3501	766	127	942
Bed.....	L. H. Flanders.....	850,744	Apr. 16	4094	856-7	127	2704
Bed.....	N. S. Stein.....	852,041	Apr. 30	6750	1403	127	3445
Bed.....	E. J. Druding.....	852,776	May 7	800	160	128	208
Bed.....	M. J. Scanlan.....	858,475	July 2	192	46	129	72
Bed.....	S. B. Comstock.....	859,741	July 9	2190	593	129	761
Bed.....	W. H. Cling.....	861,092	July 23	4283	1176	129	1506
Bed.....	O. G. Franks.....	861,508	July 30	4952	1360	129	1756
Bed.....	H. F. Nehr.....	866,954	Sept. 24	3376	954-5	130	1153
Bed.....	C. H. Coderre.....	869,772	Oct. 29	4040	1115	130	2648
Bed.....	E. J. Antoni.....	869,766	Oct. 29	4032	1113	130	2646
Bed.....	H. Kintz.....	869,911	Nov. 5	53	16	131	18
Bed.....	G. W. Bent.....	870,663	Nov. 12	1253	340	131	442
Bed.....	J. J. Dunn.....	873,357	Dec. 10	2181	455	131	1544
Bed.....	C. E. Kilbourne.....	875,184	Dec. 31	5893	1228-9	131	2236
Bed and couch. Combined.....	D. T. Owen.....	854,175	May 21	3676	761	128	1007
Bed and couch. Combined.....	D. T. Owen.....	855,412	May 28	6080	1271	128	1649
Bed and couch. Combined.....	D. T. Owen.....	871,180	Nov. 19	2144	573	131	725
Bed and couch. Combined.....	D. T. Owen.....	871,181	Nov. 19	2146	573-4	131	725
Bed and lounge. Combined.....	D. I. Van Blair.....	859,995	July 16	2596	706	129	923
Bed and table. Combination.....	E. Peters.....	845,117	Feb. 26	4775	1013	126	3095
Bed attachment.....	C. B. Cass.....	845,523	Feb. 26	5569	1180	126	3292
Bed attachment.....	T. F. Scanlon.....	866,522	Sept. 17	2709	757	130	909
Bed attachment. Folding.....	J. A. Linn.....	861,595	July 30	5087	1396	129	1799
Bed. Baby folding.....	N. P. Thompson.....	854,441	May 21	4176	865-6	128	1130
Bed-bottom.....	G. Bezanger.....	852,255	Apr. 30	7131	1493	127	3541
Bed-bottom.....	E. H. Hutcheson.....	866,790	Sept. 24	3129	881	130	1077
Bed-bottom.....	J. O. Wesner.....	868,951	Oct. 22	2750	759	130	2227
Bed-bottom.....	F. A. Powers and T. Klipfel.....	872,681	Dec. 3	765	160	131	1258
Bed-bottom fabric.....	H. E. Laughlin.....	844,682	Feb. 19	3908	826	126	2832
Bed-bottom fabric.....	C. B. Fraley.....	872,095	Dec. 3	1412	295	131	1390
Bed-bottom fabric. Wire.....	H. Richardson and A. L. Senesac.....	856,298	June 11	1671	347	128	2151
Bed-bottom fabric. Wire.....	H. Richardson.....	865,799	Sept. 10	1618	458	130	525
Bed-bottom. Spring.....	J. Reiley.....	850,118	Apr. 9	2890	603-4	127	2355
Bed-bottom. Spring.....	C. D. Brouyette.....	857,324	June 18	3650	773	128	2631
Bed-bottom. Spring.....	H. M. Fillyaw and R. B. Humphrey.....	861,450	July 30	4880	1338	129	1755
Bed-brace.....	W. W. Lockett.....	843,403	Feb. 5	1121	23	126	2063
Bed-canopy.....	C. D. Brumley.....	870,541	Nov. 12	1049	28	131	370
Bed-canopy.....	L. E. Osborne.....	875,206	Dec. 31	5930	1266-7	131	2246
Bed. Child's.....	W. H. Muir.....	850,845	Apr. 16	4294	892	127	2789
Bed corner-fastening.....	L. J. Kutz.....	853,927	May 14	3167	449	128	380
Bed. Couch.....	W. E. Frank and C. C. Taylor.....	840,450	Jan. 1	1334	299	126	348
Bed. Couch.....	F. S. Sprague.....	873,103	Dec. 10	1675	349-50	131	1402
Bed-couch.....	J. Hoey. (Reissue).....	12,652	May 14	3214	659	126	804
Bed. Dravenport.....	C. A. Jones.....	840,852	Jan. 8	2123	460	126	804
Bed. Divided.....	C. O. Lewis.....	861,868	July 30	5507	1520	129	1925
Bed. Extension.....	W. L. Edwards.....	845,223	Feb. 26	4977	1058-9	126	3155
Bed. Extension.....	A. C. Hamilton.....	867,820	Oct. 8	909	258	130	1611

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Bed. Extension sofa.	I. I. Muller.	862,182	Aug. 6	113	30	129	2119
Bed-fasteners. Manufacturing double-hook sheet-metal.	J. E. MacMurray.	841,798	Jan. 22	4031	870	126	1150
Bed. Folding.	J. L. Tandy.	841,280	Jan. 15	2993	651	126	848
Bed. Folding.	C. T. Rice.	841,341	Jan. 15	3125	675	126	883
Bed. Folding.	S. E. Twitchell.	849,943	Apr. 9	2576	535	127	2279
Bed. Folding.	F. F. Schauer and J. Graff.	850,103	Apr. 9	2854	597	127	2346
Bed. Folding.	J. M. Willey.	851,910	Apr. 30	6435	1343	127	3365
Bed. Folding.	G. Liese.	858,402	July 2	61	17	129	22
Bed. Folding.	A. C. Thew.	861,060	July 23	4240	1162	129	1491
Bed. Folding.	R. L. Freeland.	861,452	July 30	4884	1339	129	1733
Bed. Folding.	J. L. Tandy.	861,779	July 30	5373	1483	129	1884
Bed. Folding.	C. F. Pihlblad and O. B. Norgren.	862,346	Aug. 6	387	107	129	2204
Bed. Folding.	S. Kramer.	867,053	Sept. 24	3531	1001	130	1200
Bed. Folding.	R. L. Herman.	871,505	Nov. 19	2873	721	131	835
Bed. Folding twin.	G. F. Reed.	860,886	July 23	3966	1087	129	1405
Bed for sleeping-cars.	C. Herendeen.	863,921	Aug. 20	2844	782	129	3035
Bed. Hospital.	A. G. Elo.	867,712	Oct. 8	737	206-7	130	1559
Bed. Infant's.	J. Gamber and O. F. Heer.	870,426	Nov. 5	884	237-8	131	291
Bed. Invalid.	E. C. Mead.	840,787	Jan. 8	2003	443	126	554
Bed. Invalid.	S. C. Kagarice.	844,362	Feb. 19	3021	645	126	2622
Bed. Invalid.	A. C. Taylor.	847,619	Mar. 19	3828	837-8	127	1028
Bed. Invalid.	J. D. Birmingham.	869,344	Oct. 29	3363	926	130	2443
Bed. Invalid's.	O. K. Woollen.	874,555	Dec. 24	4618	971	131	2005
Bed-lounge.	O. B. Starkwather.	857,315	June 18	3639	770	128	2688
Bed-lounge.	A. G. Salquist.	859,463	July 9	1768	473-4	129	626
Bed-pan.	H. Gold.	849,472	Apr. 9	1695	342	127	2056
Bed-pan.	C. W. Meinecke and D. Hogan.	870,984	Nov. 12	1790	487	131	609
Bed-pan and douche. Combined.	N. Egan.	846,834	Mar. 12	2254	494	127	604
Bed-rail joint.	B. C. Suits.	849,174	Apr. 2	1138	229	127	1879
Bed-rail-joint. Iron.	W. L. Fredericks.	849,537	Apr. 9	1844	374-5	127	2094
Bed-rest.	N. P. Ellicott.	875,335	Dec. 31	6191	1290	131	2283
Bed-rest attachment.	E. Elbert.	867,647	Oct. 8	644	182	130	1530
Bed-rest for invalids.	G. G. Campion.	847,550	Mar. 19	3663	808-9	127	986
Bed-sheet, tent, and sleeping-bag. Stockman's combination.	F. W. Burch.	872,404	Dec. 3	176	34-5	131	1196
Bed. Sofa.	G. E. Holmes, A. G. and J. M. Bostrom.	848,305	Mar. 26	5206	1136	127	1402
Bed. Sofa.	R. Deimel.	854,722	May 28	4725	982-3	128	1305
Bed. Sofa.	R. Deimel.	863,365	Aug. 13	2024	546	129	2748
Bed. Sofa.	W. Reddell.	870,131	Nov. 5	397	111	131	132
Bed-spring.	J. McPherson and R. Hooker.	841,808	Jan. 22	4048	873	126	1154
Bed-spring.	D. Garber.	849,118	Apr. 2	1023	207	127	1849
Bed-spring.	P. Sappington.	852,455	May 7	131	23	128	40
Bed-spring.	L. Van Orman.	859,470	July 9	1777	477	129	630
Bed-spring.	A. M. Sorey.	860,261	July 16	2987	816	129	1052
Bed-spring.	W. R. Boisvert.	874,048	Dec. 17	3548	755	131	1806
Bed. Spring.	G. E. Bigelow.	849,195	Apr. 2	1178	238	127	1890
Bed. Spring.	I. H. Haas.	849,541	Apr. 9	1849	376	127	2095
Bed. Spring.	J. M. Cohron.	850,522	Apr. 16	3667	767	127	2598
Bed. Spring.	W. F. Ade.	851,911	Apr. 30	6437	1343	127	3366
Bed spring and mattress. Invalid.	E. B. Preston.	842,973	Feb. 5	258	56	126	1854
Bed-spring tightener.	G. W. McCall.	841,804	Jan. 22	4042	872	126	1152
Bed-spring. Tilting.	A. Lawrence.	857,353	June 18	3709	784	128	2705
Bed-springs with metal. Machine for covering wooden rails for.	C. H. Gangelhoff and M. Jordan.	857,799	June 25	4593	973	128	2958
Bed support. Folding.	M. R. Rodrigues.	860,941	July 23	4043	1107	129	1429
Beds. Extension side ledge for spring.	J. L. Radermacher.	859,409	July 9	1700	452	129	603
Beds for railway sleeping-coaches. Construction of.	C. Herendeen.	864,095	Aug. 20	3098	855-6	129	3112
Beds. Head and body rest for.	L. C. Frickey.	841,008	Jan. 8	2436	532	126	661
Beds. Head-rest for.	J. G. Ryan.	852,454	May 7	129	23	128	40
Beds. Head-rest for.	J. G. Ryan.	873,095	Dec. 10	1663	347	131	1459
Beds. Operating mechanism for portable dump.	G. E. Everett.	867,649	Oct. 8	646	183	130	1531
Bedbug-trap.	J. E. Brundin.	844,919	Feb. 19	4372	934	126	2950
Bedclothes-clamp.	A. Grandjean.	856,052	June 4	1158	244	128	1986
Bedclothes-fastener.	A. M. Hoffman.	852,180	Apr. 30	6997	1460	127	3506
Bedclothes-holder.	L. E. Henry.	849,902	Apr. 9	2511	518	127	2263
Bedclothes-supporting device.	E. L. Tyrrell.	868,037	Oct. 15	1303	362	130	1555
Bedding-roll.	G. R. Guild.	871,122	Nov. 26	4172	997	131	1067
Bedstead.	F. G. Gale.	842,879	Feb. 5	78	18	126	1810
Bedstead.	N. B. Noble.	846,236	Mar. 5	1037	222-3	127	264
Bedstead.	H. E. Henwood.	852,507	May 7	259	47	128	72
Bedstead.	F. Krupp.	857,407	June 18	3808	808	128	2729
Bedstead.	K. D. Bowling.	859,911	July 16	2455	668	129	878
Bedstead.	E. Blacknell.	864,600	Aug. 27	3919	1087	129	3397
Bedstead attachment.	H. E. Henwood.	852,508	May 7	261	47-8	128	73
Bedstead attachment. Adjustable.	E. M. Carpenter.	864,291	Aug. 27	3406	946	129	3235
Bedstead. Convertible.	W. H. Richards.	860,938	July 23	4038	1106	129	1427
Bedstead corner-coupling.	E. L. Farrow.	860,537	July 16	3399	933	129	1187
Bedstead corner-fastener.	M. G. Merritt.	840,858	Jan. 8	2134	470	126	586
Bedstead corner-fastening.	C. Vallone.	857,850	June 25	4690	995	128	2982
Bedstead corner-lock. Metallic.	A. J. Kroenke.	852,726	May 7	710	138	128	187
Bedstead. Couch.	J. H. Dyett.	850,121	Apr. 9	2895	604	127	2356
Bedstead coupling. Iron.	G. E. Blomquist.	874,385	Dec. 24	4271	900	131	1950
Bedstead. Extensible.	G. Terpening.	859,994	July 16	2594	706	129	922
Bedstead. Folding.	F. Wood.	851,724	Apr. 30	6065	1266-7	127	3269
Bedstead. Folding.	G. Brennan.	860,188	July 16	2876	785-6	129	1015
Bedstead. Folding.	P. J. Olsson.	861,885	July 30	5533	1527	129	1933
Bedstead guard-rail.	C. E. Uhde.	843,421	Feb. 5	1150	241	126	2080
Bedstead-joint.	C. W. Higbee and W. Schenck.	843,456	Feb. 5	1211	256	126	2094
Bedstead-lock.	E. H. Burrage.	858,259	June 25	5516	1177	128	3193
Bedstead. Metallic.	J. and H. J. Brookes.	854,561	May 21	4396	912	128	1193
Bedstead side-rail joint. Metallic.	G. M. Robinson.	873,173	Dec. 10	1814	380	131	1483
Bedstead-transporting apparatus.	E. Dean.	859,548	July 9	1900	510-11	129	668
Bedsteads. Fastener for reversible rails of metal.	P. H. Mellon.	860,224	July 16	2934	802	129	1032
Bee gum.	W. E. Caperton.	870,274	Nov. 5	626	168	131	204

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. & G.	Vol.	Page.
Bee-knife	I. F. Sawyer	865,062	Sept. 3	476	131	130	144
Bee-smoker	F. Danzenbaker	856,133	June 4	1315	275	128	2025
Bees from supers when taking surplus honey. Means for clearing	J. H. Rupe	867,423	Oct. 1	292	86	130	1404
Beehive	C. Spierling	846,517	Mar. 12	1617	358	127	440
Beehive	C. A. Olmstead	850,176	Apr. 16	3004	629	127	2424
Beehive	C. P. Harmison	851,882	Apr. 30	6377	1330-1	127	3350
Beehive	O. L. Hershiser	855,175	May 28	5664	1178-9	128	1544
Beehive	C. H. W. Weber	866,991	Sept. 24	3429	972	130	1169
Beehive	C. D. Barnes	867,337	Oct. 1	170	50	130	1364
Beehive	W. Beeson	867,636	Oct. 8	629	177-8	130	1526
Beehive	F. G. Marbach	867,891	Oct. 8	1019	291	130	1644
Beehive	L. H. Keseler	867,919	Oct. 8	1071	303-4	130	1660
Beehive	P. J. Eckman	874,579	Dec. 24	4666	981	131	2013
Beehive-frame	J. T. Calvert and F. G. Marbach	846,396	Mar. 5	1352	297	127	342
Beehive-trap	F. H. Saffell	852,907	May 7	1110	229-30	128	283
Beehives. Bottom board for	E. L. Pratt	874,863	Dec. 24	5207	1098	131	2106
Beehives. Combined bottom board and feeder for	E. T. Cary	860,852	July 23	3900	1069	129	1384
Beeswax separator and purifier	G. B. Savage	871,046	Nov. 12	1872	512	131	635
Beef shaving or slicing apparatus. Electromechanical	F. H. Wurzbacher	843,317	Feb. 5	985	202	126	2039
Beer-coil cleaner	H. Blackburn	872,494	Dec. 3	373	77	131	1226
Beer-cooler	F. Runge	866,071	Sept. 17	2069	577	130	707
Beer-cooler. Triple-pipe	W. Griesser	856,140	June 4	1327	277-8	128	2028
Beer-coolers. Locking device for	M. D. Sadtler	852,140	Apr. 30	6931	1447	127	3489
Beer cooling or heating apparatus	E. A. Appell	856,015	June 4	1100	228	128	1972
Beer or other beverage cooler	J. Ettel	848,228	Mar. 26	5028	1099	127	1357
Beer-pipe cleaner	C. H. Richardson, Jr.	870,384	Nov. 5	828	219	131	272
Beer-pipes. Cleansing liquid for	H. C. Stiefel	860,768	July 23	3779	1037	129	1343
Beer-racker	I. Lowy and O. F. Adelman	873,567	Dec. 10	2589	546	131	1615
Beer-reclaiming machine	F. C. H. Strasburger	871,832	Nov. 26	3524	862	131	970
Beer-service apparatus	W. F. Stark	857,843	June 25	4679	993	128	2980
Beer-tapper	R. B. Spikes	871,073	Nov. 12	1907	522	131	647
Beet and cotton blocker	C. Carstens	849,327	Apr. 2	1412	284	127	1948
Beet-blocker	L. F. Haynes	875,522	Dec. 31	6543	1364-5	131	2343
Beet-dump	G. E. Miller and C. H. Barnes	864,381	Aug. 27	3536	981	129	3276
Beet dumping and screening apparatus	L. T. Carson	865,235	Sept. 3	720	205	130	217
Beet-handling apparatus	L. D. Joehneck	875,529	Dec. 31	6559	1370	131	2345
Beet-loader	D. S. Chambers, M. G. Froome, J. C. Huff, and C. A. McCrary	859,364	July 9	1634	435	129	583
Beet-puller	E. A. Smith	875,126	Dec. 31	5773	1205	131	2217
Beet-pulling machine	E. A. Smith	856,817	June 11	2694	556	128	2411
Beet-root-cutting machine	J. Schulte	864,109	Aug. 20	3117	862-3	129	3118
Beet-roots, &c. Treatment of	C. Steffen	847,126	Mar. 12	2805	620	127	739
Beet-thinner	J. A. Long	857,815	June 25	4629	981-2	128	2968
Beet-topper	L. Gettelmann	861,511	July 30	4955	1361-2	129	1757
Beet-topper	A. Gudmunsen	865,885	Sept. 10	1771	492	130	585
Beet-topper	D. T. Blevins and S. R. Giddings	868,593	Oct. 15	2180	608-9	130	2026
Beet-topping machine	F. Lotter	859,958	July 16	2529	687	129	900
Beets. Refuse-separator for	F. Noble and F. Wietzer	867,293	Oct. 1	97	30	130	1344
Bell	P. C. Arnold	840,417	Jan. 1	1270	278	126	333
Bell	P. C. Arnold	856,995	June 11	3020	635	128	2491
Bell	F. A. Scranton	864,700	Aug. 27	4075	1133	129	3445
Bell	H. Koch	875,187	Dec. 31	5998	1229	131	2237
Bell and speaking-tube	R. W. Lyon	868,677	Oct. 22	2328	644	130	2097
Bell. Electric	H. E. Reeve	842,911	Feb. 5	139	31	126	1826
Bell. Electric	M. Plato	855,729	June 4	551	114	128	1837
Bell. Electric	N. H. Raymond	858,909	July 2	936	244	129	322
Bell. Electric	C. C. Cadden	861,162	July 23	4380	1202	129	1539
Bell. Electric	R. L. Hunter	866,471	Sept. 17	2642	738	130	890
Bell. Electric	H. J. Heeney	871,168	Nov. 19	2125	569	131	721
Bell. Electric	J. F. McElroy	874,024	Dec. 17	3486	742	131	1798
Bell. Electrically-actuated signal	H. W. Eden	852,937	May 7	1167	240	128	297
Bell-hammer	C. E. Gierding	855,701	June 4	491	102	128	1820
Bell-hammer	H. Koch	859,231	July 9	1419	377	129	512
Bell. Musical	J. C. Deagan	864,771	Sept. 3	9	3	130	5
Bell-ringer	C. Sowter and J. Howe	862,518	Aug. 6	700	189	129	2304
Bell-ringing mechanism	A. O. Schmolinski	859,584	July 9	1959	529	129	688
Bell-ringing mechanism	W. A. Stearns	869,665	Oct. 29	3888	1069-70	130	2603
Bell-ringing motor	C. Simon	864,038	Aug. 20	3006	831	129	3083
Bell. Signal	G. F. Drew	869,885	Nov. 5	20	6	131	9
Bell. Water-tight electric	W. C. Hill	865,038	Sept. 3	435	116	130	133
Bells. Protective shield for skeleton-frame	G. L. Patterson	872,145	Nov. 26	4219	1006	131	1075
Bellows. Pressure-regulator	P. Wuest, Jr.	845,841	Mar. 5	210	43	127	55
Belt	F. F. Knothe	841,157	Jan. 15	2766	603	126	792
Belt	A. Reznicek	843,491	Feb. 5	1302	273	126	2119
Belt	I. J. and D. R. Gilbert	849,063	Apr. 2	901	184	127	1817
Belt	J. G. Longenecker	850,534	Apr. 16	3690	772	127	2605
Belt	W. L. Offenbacher	853,317	May 14	1941	401	128	531
Belt	J. Askins	875,486	Dec. 31	6478	1353	131	2332
Belt. Abdominal	C. C. Knight and E. A. Davis	851,889	Apr. 30	6388	1334	127	3353
Belt-adjusting mechanism	C. W. H. Blood	842,756	Jan. 29	6082	1282-3	126	1696
Belt and appliances therefor. Electric	M. Hatzenbuehler	867,721	Oct. 8	746	209-10	130	1562
Belt and belting	D. Nettenstrom	870,044	Nov. 5	267	73	131	92
Belt and buckle	W. C. Hynard and G. F. Meehan	846,476	Mar. 12	1525	338	127	416
Belt and rope. Driving	B. Reichelt	859,519	July 9	1849	498	129	653
Belt and shield	T. Thomas	852,638	May 7	531	100-1	128	139
Belt, apron, canvas, or conveyor tightener	G. E. Clarke	856,620	June 11	2340	481	128	2321
Belt, band, and the like	R. Scheuer	874,870	Dec. 24	5224	1101	131	2108
Belt-checking device	A. Dean	844,851	Feb. 19	4255	907	126	2922
Belt-clamping tool	B. T. Fritts	871,062	Nov. 12	1893	518	131	642
Belt. Conveyor	E. A. Houchin and A. Huber	850,002	Apr. 9	2666	559	127	2301
Belt. Conveyor	G. C. Plummer	869,935	Nov. 5	87	26	131	29
Belt. Conveyor	H. C. Norton	874,982	Dec. 31	5495	1148	131	2170
Belt-cutter	R. T. More	852,340	Apr. 30	7276	1530	127	3575
Belt. Drive	A. H. Gits	875,426	Dec. 31	6374	1328	131	2313

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Belt. Driving.....	J. A. Ferguson.....	841,680	Jan. 22	3788	823	126	1086
Belt. Electric.....	R. Wingren.....	844,572	Feb. 19	3702	778	126	2781
Belt end.....	C. Bloomberg.....	873,982	Dec. 17	3406	726	131	1785
Belt-fastener.....	C. C. Reed and W. Duecker.....	839,955	Jan. 1	312	68	126	86
Belt-fastener.....	I. Jackson.....	841,252	Jan. 15	2940	640	126	836
Belt-fastener.....	P. Tessier.....	844,976	Feb. 19	4466	953	126	2975
Belt-fastener.....	N. P. Mader.....	869,584	Oct. 29	3755	1028	130	2564
Belt-fastener.....	F. Baxter.....	873,009	Dec. 10	1475	306	131	1430
Belt for trousers. Invisible.....	M. Friedbaum.....	849,060	Apr. 2	895	183	127	1816
Belt-guide.....	H. Gross.....	869,899	Nov. 5	43	12-13	131	16
Belt guide and holder.....	A. J. Chaffin.....	842,174	Jan. 29	4806	1026	126	1372
Belt guide and shifter.....	R. J. Lee.....	858,609	July 2	428	111-12	129	152
Belt guide and shifter.....	R. E. Horinek.....	867,974	Oct. 15	1202	332	130	1723
Belt guiding and tightening mechanism.....	C. W. H. Blood.....	842,757	Jan. 29	6085	1283	126	1697
Belt-holder.....	R. Braun.....	865,075	Sept. 3	493	136	130	150
Belt-holding device.....	J. J. Sheridan.....	855,420	May 28	6098	1274	128	1652
Belt. Horse-guiding.....	A. Johnson and C. A. Gustafson.....	853,586	May 14	2446	509	128	660
Belt-lacer's tool.....	C. J. Person.....	852,614	May 7	483	89	128	127
Belt. Life.....	A. and E. Gareis.....	851,740	Apr. 30	6090	1273	127	3275
Belt-shifter.....	T. J. McVey.....	842,808	Jan. 29	6173	1304	126	1717
Belt-shifter.....	C. M. Howy.....	848,904	Apr. 2	620	123	127	1747
Belt-shifter.....	R. Wentsch.....	865,737	Sept. 10	1529	432	130	497
Belt-shifter.....	A. Rosenthal.....	866,389	Sept. 17	2532	705	130	353
Belt-shifter.....	S. R. Bailey.....	867,466	Oct. 1	355	102	130	1423
Belt-shifter controlling mechanism.....	A. B. Wales.....	851,576	Apr. 23	5744	1200	127	3159
Belt-shifter rods or poles. Means for attaching.....	J. E. De Tamble.....	844,333	Feb. 19	2964	633	126	2607
Belt-shifting apparatus.....	N. H. Anderson.....	839,915	Jan. 1	231	49	126	64
Belt-shifting mechanism.....	W. T. Stanfield.....	857,314	June 18	3637	770	128	2688
Belt-shifting mechanism.....	A. R. Gustafson.....	869,239	Oct. 29	3181	877	130	2387
Belt-shipping mechanism.....	C. Berry.....	844,653	Feb. 19	3846	815	126	2817
Belt-splicer.....	J. B. Stone.....	864,210	Aug. 27	3286	911	129	3199
Belt-splicing implement.....	F. M. Linderman.....	843,344	Feb. 5	1030	212	126	2050
Belt-stretcher.....	W. Baker.....	840,191	Jan. 1	811	178	126	217
Belt-stretcher.....	W. S. Green.....	841,510	Jan. 15	3456	744	126	971
Belt-stretcher.....	S. F. Eshelman and D. E. Thoenen.....	846,786	Mar. 12	2145	471	127	576
Belt-stretcher.....	O. M. Wolfe.....	850,454	Apr. 16	3531	738	127	2503
Belt-stretcher.....	S. F. Eshelman.....	854,343	May 21	3988	824	128	1092
Belt stretcher and tightener.....	A. Y. Foltz.....	848,300	Mar. 26	5193	1133	127	1398
Belt-support.....	A. M. Harris.....	843,014	Feb. 5	355	77	126	1881
Belt support. Conveyor.....	C. Rouse.....	841,053	Jan. 8	2530	552	126	687
Belt support. Conveyor.....	C. Rouse.....	841,096	Jan. 8	2629	575	126	713
Belt thrower and guide.....	J. L. Coutts.....	851,652	Apr. 30	5913	1236	127	3229
Belt-tightener.....	W. A. Christensen.....	850,135	Apr. 16	2931	612	127	2405
Belt-tightener.....	E. Mattman.....	871,943	Nov. 26	3767	916-17	131	1007
Belt-tightening idler.....	G. S. Dunn.....	855,237	May 28	5778	1204	128	1574
Belt-tool.....	E. E. Barnett.....	851,482	Apr. 23	5547	1162	127	3107
Belt. V-shaped driving.....	J. Byrom.....	859,197	July 9	1366	362	129	491
Belt. Waist.....	W. R. Mulock.....	846,934	Mar. 12	2454	538	127	653
Belts, &c. Clasp for.....	H. G. Sudell.....	866,535	Sept. 17	2728	762	130	914
Belts. Tension-regulating means for.....	F. D. Mercer.....	855,899	June 4	893	184	128	1920
Belting.....	J. L. Bixby, Jr.....	847,228	Mar. 12	3009	664	127	790
Belting.....	C. F. Aaron.....	872,882	Dec. 3	1189	253	131	1353
Belting. Manufacture of.....	E. A. Usina.....	853,567	May 14	2406	502	128	651
Belting. Steel metallic.....	U. S. Balch.....	856,565	June 11	2225	458	128	2291
Bench:							
See Carpenter's bench. Tire-bench.							
Fence-bench. Washing-machine							
Greenhouse-bench. bench.							
Piano-bench. Work-bench.							
Saw-bench.							
Bench.....	P. A. Cogan.....	855,387	May 28	6034	1260	128	1638
Bench and tack-receptacle. Combined.....	W. J. Porell.....	863,219	Aug. 13	1809	487	129	2680
Bench-back-attaching bracket.....	A. J. Schoenecke.....	855,817	June 4	725	150	128	1878
Bench back-rest. Individual.....	V. O. Hyde.....	859,560	July 9	1924	518	129	676
Bench-clamp.....	W. R. Bradford.....	869,290	Oct. 29	3267	899	130	2415
Bench-drill.....	W. and J. F. Mitchell.....	848,672	Apr. 2	102	22	127	1611
Bench-pin.....	J. V. Kapp.....	851,292	Apr. 23	5180	1087-8	127	3018
Bench-stop.....	M. R. Raynesford.....	862,656	Aug. 6	929	249	129	2370
Bending-machine.....	G. F. Pross.....	843,910	Feb. 12	2114	452-3	126	2356
Bending-machine.....	L. H. Gardner.....	844,789	Feb. 19	4139	882	126	2893
Bending-machine.....	A. W. Hamilton.....	859,766	July 9	2226	606	129	775
Bent-wood corners. Making.....	A. Worsfold.....	840,678	Jan. 8	1783	393	126	499
Benzin, &c. Apparatus for recovering.....	A. E. Vincent.....	849,645	Apr. 9	2034	417	127	2141
Berth and seat for passenger-carriages. Combined.....	D. T. Owen.....	868,002	Oct. 15	1247	345-6	130	1737
Berth-raising mechanism for railway-cars.....	G. H. Poor.....	867,409	Oct. 1	271	79-80	130	1397
Berths. Device for locking the drums of sleeping-car.....	G. H. Poor.....	867,410	Oct. 1	273	80	130	1397
Beryllia from alumina and iron. Separating.....	F. Bran and G. Van Oordt.....	854,560	May 21	4394		128	1193
Bevel.....	E. A. King.....	869,851	Oct. 29	4156	1147	130	2683
Bevel-board-cutting machine.....	J. P. Crowley.....	848,812	Apr. 2	419	84	127	1694
Bevel-polishing machine.....	H. Lohmann.....	868,877	Oct. 22	2630	727	130	2188
Bevel, protractor, and square.....	T. W. Spellman.....	854,853	May 28	4987	1038	128	1372
Bevel. Rafter and polygon.....	A. O. Calhoon.....	842,999	Feb. 5	314	68	126	1868
Beveling-machine.....	C. E. Lingenfelter.....	870,301	Nov. 5	671	180	131	219
Beverage-dispensing apparatus.....	J. C. Cory.....	862,312	Aug. 6	340	95	129	2188
Beverage-making device.....	D. S. Holley.....	849,613	Apr. 9	1976	405	127	2126
Beverages from fermented liquids. Making non-alcoholic.....	H. Linzel and C. Bischoff.....	874,216	Dec. 17	3929	828	131	1862
Beverages. Manufacture of.....	L. Nathan.....	863,085	Aug. 13	1590		129	2610
Bib.....	E. Slater.....	860,257	July 16	2982	815	129	1051
Bicycle.....	T. Swinbank.....	849,342	Apr. 2	1447	294	127	1956
Bicycle.....	H. Garza.....	850,746	Apr. 16	4100	858	127	2706
Bicycle.....	E. T. Peters.....	853,112	May 7	1494	312	128	377
Bicycle.....	G. J. Hamacher.....	868,668	Oct. 22	2292	636	130	2084
Bicycle and motor-bicycle saddle.....	T. F. Hammarén.....	872,124	Nov. 26	4178	998	131	1068
Bicycle and tricycle frame. Convertible.....	C. O. Hedstrom.....	842,833	Jan. 29	6219	1313	126	1729

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Bicycle attachment.	J. H. Sager.	848,324	Mar. 26	5242	1144	127	1411
Bicycle attachment.	H. J. Phillips.	862,936	Aug. 13	1352	370	129	2534
Bicycle attachment.	J. J. Walters.	873,278	Dec. 10	2000	419	131	1516
Bicycle-boat.	A. Travland.	869,277	Oct. 29	3241	893	130	2406
Bicycle-brake.	G. Kukovac.	868,071	Oct. 22	2317	642	130	2094
Bicycle-driving-gear.	J. McAuliff.	853,187	May 7	1621	338	128	409
Bicycle-guard.	J. B. Lockwood.	868,461	Oct. 15	1959	547	130	1951
Bicycle-lock.	R. N. Caghell.	841,624	Jan. 15	3665	795	126	1022
Bicycle. Motor.	S. Panelli.	863,630	Aug. 20	2418	665	129	2900
Bicycle. Motor.	F. P. Lindley.	870,834	Nov. 12	1535	421-2	131	530
Bicycle package-carrier.	W. H. Reed.	846,695	Mar. 12	1967	433	127	550
Bicycle-pedal.	H. Bleil.	866,568	Sept. 17	2773	775	130	928
Bicycle propelling mechanism.	H. S. Corbitt.	868,329	Oct. 15	1750	493-4	130	1889
Bicycle-pump.	A. Genelly and B. Gilberti.	849,227	Apr. 2	1231	250	127	1903
Bicycle seat and luggage-carrier. Combined.	J. Paterson and G. K. Pasley.	843,094	Feb. 5	522	109	126	1328
Bicycle-standard.	J. Simmons.	864,202	Aug. 27	3278	908	129	3196
Bicycle-support.	E. G. May.	840,357	Jan. 1	1161	252	126	307
Bicycle-support.	C. P. Ellis.	850,527	Apr. 16	3682	770	127	2603
Bicycle-support.	G. S. Tiffany.	862,945	Aug. 13	1374	373	129	2541
Bicycle. Water.	J. Heggen.	868,183	Oct. 15	1499	425	130	1813
Bicycles and motor-cycles. Attachment for.	T. W. Razoux.	855,979	June 4	1044	216	128	1958
Bicycles and the like. Handle-bar for.	D. Cronioe.	850,139	Apr. 16	2937	614	127	2407
Bicycles and the like. Locking apparatus to prevent theft and unauthorized use of.	T. B. Janssen.	855,854	June 4	805	168	128	1898
Bicycles, &c. Gearing for.	M. Pedersen.	854,599	May 21	4459	928	128	1208
Bill-board.	J. M. Goller.	861,109	July 23	4311	1183	129	1517
Bill-head, duplicate, label, receipt, and envelop. Combination.	J. Souder.	846,064	Mar. 5	711	148	127	182
Bill-hook.	E. D. Conklin.	854,197	May 21	3727	771	128	1023
Billets. Swaging.	S. E. Diescher.	844,334	Feb. 19	2965	633	126	2607
Billing device.	W. R. Bohmert.	860,439	July 16	3259	891	129	1140
Billiard and pool table. Combined.	M. Nix.	853,316	May 14	1939	401	128	531
Billiard-cue.	W. H. Thomas.	846,166	Mar. 5	909	192	127	232
Billiard-cue-chalking device.	R. E. Gunsolus.	868,549	Oct. 15	2099	586	130	1998
Billiard-cue tip. Detachable.	V. Ajello.	864,943	Sept. 3	279	75	130	89
Billiard-cues. Apparatus for shaping the ends of.	F. W. Schroeder.	840,716	Jan. 8	1864	411	126	521
Billiard-cushion.	O. E. Smith.	861,148	July 23	4365	1198	129	1534
Billiard or pool table.	H. L. Haskell.	853,635	May 14	2555	529	128	688
Billiard-table-cloth fastener.	B. Cohen.	864,292	Aug. 27	3407	947	129	8235
Billiard-table. Convertible pocket-carom.	P. M. Cunningham.	865,874	Sept. 10	1755	489	130	580
Billiard-tables and similar articles. Universally-adjustable foot for the legs of.	W. S. Fernau.	842,641	Jan. 29	5815	1228	126	1631
Binmetallic products. Making.	J. F. Monnot and E. Martin.	853,932	May 14	3183	653	128	846
Bin:							
See Coal-bin.	Packing-bin.						
Flour-bin.	Pivoted bin.						
Fruit-bin.	Storage-bin.						
Grain-bin.	Store-bin.						
Grocery-bin.							
Bin.	M. W. Coolbaugh.	843,194	Feb. 5	738	151	126	1982
Binder.	A. Faifer.	841,081	Jan. 8	2590	568	126	703
Binder.	C. G. Boden.	842,851	Feb. 5	9	2	126	1789
Binder.	N. F. Mogland.	846,860	Mar. 12	2301	506	127	616
Binder.	W. H. Bayles.	860,118	July 16	2771	756	129	980
Binder.	F. Hager.	861,973	July 30	5663	1571	129	1972
Binder.	H. V. Wagoner.	863,242	Aug. 13	1851	499	129	2692
Binder.	R. J. Copeland and A. E. Chatterson.	867,706	Oct. 8	723	202	130	1554
Binder.	F. B. Jordan.	869,090	Oct. 22	2958	816-17	130	2291
Binder and letter-file.	E. A. P. Wolf.	873,282	Dec. 10	2007	421	131	1518
Binder. File.	J. C. Dawson.	860,642	July 23	3592	985	129	1285
Binder for loose-leaf ledgers.	H. R. Moore.	857,250	June 18	3508	742	128	2656
Binder for loose-leaf records. Permanent.	A. Wagniere.	842,361	Jan. 29	5201	1105	126	1475
Binder for loose leaves. Temporary.	J. S. McDonald.	867,223	Sept. 24	3804	1073	130	1287
Binder for loose leaves. Temporary.	H. Wiedeman.	874,371	Dec. 17	4237	892	131	1913
Binder. Infant's.	A. Jarrett.	869,784	Oct. 29	4062	1121	130	2654
Binder-lock.	G. A. Shoemaker.	853,379	May 14	2057	426	128	560
Binder lock. Loose-leaf.	A. I. Risser and O. F. T. Reinhardt.	840,963	Jan. 8	2355	517	126	642
Binder. Loose-leaf.	J. C. Dawson.	841,125	Jan. 15	2707	592	126	777
Binder. Loose-leaf.	W. M. Barsachs.	841,920	Jan. 22	4281	922	126	1210
Binder. Loose-leaf.	W. J. Roussel.	842,708	Jan. 29	5979	1261	126	1671
Binder. Loose-leaf.	C. C. Baughman and E. C. Mead.	845,390	Feb. 26	5319	1129	126	3229
Binder. Loose-leaf.	J. B. Barlow.	847,039	Mar. 12	2646	583	127	701
Binder. Loose-leaf.	R. F. Parry.	847,364	Mar. 19	3294	723	127	887
Binder. Loose-leaf.	H. C. Miller.	848,671	Apr. 2	99	22	127	1610
Binder. Loose-leaf.	W. Shallicross.	849,430	Apr. 9	1608	326	127	2035
Binder. Loose-leaf.	H. G. Buchan.	849,973	Apr. 9	2628	549	127	2292
Binder. Loose-leaf.	G. Labarre.	850,659	Apr. 16	3945	824	127	2671
Binder. Loose-leaf.	W. H. Krehbiel.	851,096	Apr. 23	4769	1003	127	2914
Binder. Loose-leaf.	W. M. Raynor.	851,693	Apr. 30	6006	1254	127	3252
Binder. Loose-leaf.	J. Strang.	852,084	Apr. 30	6815	1420	127	3461
Binder. Loose-leaf.	P. Revere.	852,139	Apr. 30	6930	1447	127	3489
Binder. Loose-leaf.	J. Schade, Jr.	853,901	May 14	3112	637	128	829
Binder. Loose-leaf.	J. C. Dawson.	853,962	May 21	3252	667	128	903
Binder. Loose-leaf.	J. C. Dawson and T. E. Heeter.	853,963	May 21	3253	667	128	903
Binder. Loose-leaf.	T. E. Heeter.	853,975	May 21	3273	672	128	908
Binder. Loose-leaf.	D. S. Baird.	854,622	May 21	4500	938-9	128	1218
Binder. Loose-leaf.	A. Wollensak.	855,033	May 28	5366	1114	128	1469
Binder. Loose-leaf.	F. H. Crump.	855,285	May 28	5863	1222	128	1595
Binder. Loose-leaf.	J. L. McMillan.	857,252	June 18	3511	742	128	2655
Binder. Loose-leaf.	J. L. McMillan.	857,253	June 18	3514	743	128	2656
Binder. Loose-leaf.	J. L. McMillan.	857,254	June 18	3516	743	128	2656
Binder. Loose-leaf.	E. L. Krag.	859,303	July 9	1525	407	129	546
Binder. Loose-leaf.	E. A. Trussell.	859,633	July 9	2028	548	129	710
Binder. Loose-leaf.	W. S. Prouditt, Jr.	860,885	July 23	3962	1086-7	129	1404

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Binder. Loose-leaf.....	J. H. Perkins.....	861,050	July 23	4225	1157	129	1487
Binder. Loose-leaf.....	J. F. Gloe.....	861,968	July 30	5654	1568-9	129	1970
Binder. Loose-leaf.....	W. J. Dunn.....	862,144	Aug. 6	37	10	129	2093
Binder. Loose-leaf.....	W. M. Wheildon.....	863,888	Aug. 20	2801	769	129	3022
Binder. Loose-leaf.....	J. C. Dawson and T. E. Heeter.....	866,845	Sept. 24	3208	902	130	1102
Binder. Loose-leaf.....	J. C. Dawson.....	867,191	Sept. 24	3760	1062	130	1273
Binder. Loose-leaf.....	A. Opalla.....	867,526	Oct. 1	451	129	130	1455
Binder. Loose-leaf.....	R. B. Wilson.....	868,239	Oct. 15	1595	452-3	130	1842
Binder. Loose-leaf.....	H. Schneller and F. J. Henke.....	868,491	Oct. 15	2000	558	130	1965
Binder. Loose-leaf.....	L. M. Morden.....	868,683	Oct. 22	2338	647	130	2101
Binder. Loose-leaf.....	W. M. S. Miller.....	869,378	Oct. 29	3413	938	130	2459
Binder. Loose-leaf.....	A. A. Tait.....	872,388	Dec. 3	143	27	131	1190
Binder. Loose-leaf.....	M. W. Patric.....	872,963	Dec. 3	1359	287	131	1381
Binder. Loose-leaf.....	J. E. MacLachlan.....	873,151	Dec. 10	1757	370	131	1476
Binder. Loose-leaf.....	J. C. Dawson.....	873,417	Dec. 10	2291	478	131	1565
Binder. Loose-leaf-ledge.....	J. S. Thompson.....	859,630	July 9	2026	547	129	709
Binder or holder for cards, &c.....	F. C. Storrs.....	841,823	Jan. 22	4093	880	126	1166
Binder or loose-sheet holder. Temporary.....	H. F. Bushong.....	851,276	Apr. 23	5143	1082	127	3006
Binder or loose-sheet holder. Temporary.....	H. F. Bushong.....	851,342	Apr. 23	5280	1106-7	127	3042
Binder sails or fans. Operating mechanism for.....	T. Lait.....	862,258	Aug. 6	246	70-1	129	2158
Binder sails or fans. Operating mechanism for.....	T. Lait.....	868,788	Oct. 22	2499	689-90	130	2149
Binder. Temporary.....	W. S. Mendenhall.....	844,604	Feb. 19	3753	790	126	2794
Binder. Temporary.....	L. M. Morden.....	840,643	Jan. 8	1723	379	126	485
Binder. Temporary.....	G. C. Shepherd.....	840,665	Jan. 8	1761	387	126	495
Binder. Temporary.....	W. S. Mendenhall.....	840,949	Jan. 8	2332	512	126	636
Binder. Temporary.....	C. Whetham.....	840,979	Jan. 8	2378	521	126	647
Binder. Temporary.....	L. M. Morden.....	841,705	Jan. 22	3836	834	126	1099
Binder. Temporary.....	J. A. Bexell.....	842,751	Jan. 29	6075	1280-1	126	1694
Binder. Temporary.....	H. J. Reuter.....	845,818	Mar. 5	170	33	127	46
Binder. Temporary.....	L. M. Morden.....	845,883	Mar. 5	322	65	127	83
Binder. Temporary.....	E. G. Dow.....	849,836	Apr. 9	2389	488	127	2233
Binder. Temporary.....	J. Weisbrod.....	853,663	May 14	2610	541	128	704
Binder. Temporary.....	C. J. Bryant.....	854,074	May 21	3480	718	128	960
Binder. Temporary.....	E. E. Clark.....	854,802	May 28	4883	1014	128	1345
Binder. Temporary.....	J. H. Parkes.....	856,800	June 11	2665	549	128	2403
Binder. Temporary.....	F. R. Baker.....	857,377	June 18	3757	795	128	2717
Binder. Temporary.....	F. B. Jordan.....	860,919	July 23	4007	1098	129	1417
Binder. Temporary.....	L. M. Morden.....	870,837	Nov. 12	1540	422	131	532
Binders. Alarm attachment for self.....	L. J. Phillips.....	848,491	Mar. 26	5551	1211	127	1486
Binders. Cord-holder for self.....	B. R. Benjamin.....	865,754	Sept. 10	1559	439	130	508
Binders. Hinged post for loose-leaf.....	L. M. Morden.....	846,230	Mar. 5	1028	220	127	262
Binders. Loose leaf for temporary.....	M. M. Cohn.....	852,871	May 7	1030	213	128	263
Binders. Rope-forming attachment for.....	L. Schroy.....	862,590	Aug. 6	831	221-2	129	2341
Binders. Twine-tension for.....	C. B. Schrepel.....	866,738	Sept. 24	3050	860	130	1052
Binding-bars and similar purposes. Fastening device for.....	P. MacGregor.....	872,948	Dec. 3	1317	279	131	1374
Binding-cover.....	F. C. Kerby.....	860,034	July 16	2658	723	129	943
Binding device. Temporary.....	A. G. Hoelscher.....	848,242	Mar. 26	5055	1105	127	1364
Binding-machine.....	C. F. McBe.....	859,005	July 2	1084	285-6	129	369
Binding-post.....	W. G. Winter.....	857,137	June 18	3304	696	128	2603
Binding-post.....	E. H. Rollinson.....	865,211	Sept. 3	680	194	130	207
Binding-strips. Machine for making metal.....	F. W. Yager.....	864,349	Aug. 27	3488	969-70	129	3261
Bird-cage.....	A. B. Hendryx.....	845,785	Mar. 5	104	20	127	30
Biscuit-cutter.....	L. A. Rockwell.....	867,082	Sept. 24	3580	1015	130	1215
Biscuit forming and baking device.....	Y. Kawasaki.....	841,533	Jan. 15	3488	753	126	979
Biscuit-glazing machine.....	W. Rummel and F. Schmidt.....	858,542	July 2	301	75	129	107
Biscuit machines. Pump particularly adapted for use with wafer.....	G. S. Baker.....	852,694	May 7	653	126	128	171
Biscuit-making machine.....	J. T. Folsom.....	862,121	July 30	5906	1635	129	2045
Biscuits from their pans. Mechanism for detaching.....	G. Herbert, Jr.....	874,195	Dec. 17	3881	819	131	1855
Bisulfite liquor. Apparatus for making.....	J. C. Murray.....	846,499	Mar. 12	1573	348	127	429
Bisulfite liquor. Apparatus for making.....	N. Heath.....	856,195	June 4	1433	303	128	2054
Bisulfite liquor. Tower for.....	J. Bishop.....	864,881	Sept. 3	187	53	130	59
Bit.....							
See Auger-bit.....	Drill-bit.....						
Boring-bit.....	Expanding bit.....						
Bridle-bit.....	Scraper-pan bit.....						
Cutter-head bit.....	Stone-cutting bit.....						
Cutting-bit.....	Weaning-bit.....						
Drenching-bit.....							
Bit.....	G. T. Chafin.....	848,632	Apr. 2	21	5	127	1590
Bit.....	C. C. Dunks.....	856,574	June 11	2248	462	128	2286
Bit-brace.....	A. Larsen.....	863,927	Aug. 20	2854	785	129	3038
Bit-brace. Angular.....	C. J. Haeblerli and H. E. O. Schmidt.....	859,059	July 2	1160	312-13	129	393
Bit-holder.....	L. Ruegg.....	868,812	Oct. 22	2540	700	130	2162
Bit holder. Adjustable extension.....	C. E. Hill.....	854,742	May 28	4760	989	128	1314
Bit holder and extender.....	E. T. Murray.....	862,838	Aug. 6	1215	328	129	2455
Bit-stock.....	J. O. Michaud.....	869,639	Oct. 29	3846	1052	130	2590
Bituminous composition.....	C. Richardson and C. N. Forrest.....	853,117	May 7	1501	1052	128	379
Blackboard-cleaner.....	F. W. Wade.....	869,817	Oct. 29	4110	1135	130	2669
Blacking and paste receptacle and attachment therefor.....	M. Schuppe.....	840,664	Jan. 8	1759	387	126	495
Blacking-dauber.....	E. J. Hebert.....	841,963	Jan. 22	4351	939	126	1227
Blacking stand. Shoe.....	F. I. Bennett.....	858,851	July 2	857	223	129	296
Blade-fastening.....	M. Rotter.....	875,629	Dec. 31	6855	1430	131	2378
Blade-fastening.....	N. C. Bassett.....	875,645	Dec. 31	6892	1437	131	2384
Blade-fastening.....	N. C. Bassett.....	875,646	Dec. 31	6894	1438	131	2384
Blade-fastening.....	N. C. Bassett.....	875,647	Dec. 31	6897	1438	131	2385
Blade-fastening.....	N. C. Bassett.....	875,648	Dec. 31	6898	1438	131	2385
Blade-fastening.....	N. C. Bassett.....	875,649	Dec. 31	6899	1438	131	2385
Blade-fastening.....	N. C. Bassett.....	875,650	Dec. 31	6901	1439	131	2386
Blank-cutting machines. Counting device for.....	E. G. Souther.....	846,153	Mar. 5	892	187-8	127	227
Blank-feed mechanism.....	B. A. Peterson.....	866,160	Sept. 17	2193	611	130	746
Blank-feeding mechanism.....	C. Dancel.....	856,771	June 11	2615	538	128	2391
Blank-mold.....	R. Johns.....	858,812	July 2	790	206	129	275
Blanks staggering. Machine for cutting.....	E. Tyden.....	842,592	Jan. 29	5708	1207-8	126	1604

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Blast device.	R. L. Walker.	858,690	July 2	571	148	129	198
Blast-furnace.	H. W. Hixon.	842,663	Jan. 29	5865	1237	126	1645
Blast-furnace.	S. A. Kennedy.	843,950	Feb. 12	2190	468	126	2376
Blast-furnace.	G. D. Bulmer.	858,949	July 2	995	260	129	341
Blast-furnace.	J. W. MacDonald.	860,983	July 23	4124	1129	129	1456
Blast-furnace, trap for furnace-top construction.	S. E. Hitt and G. M. Black.	858,182	June 25	5384	1146	128	3158
Blasting-machine. Electrical.	L. W. Bowman.	848,153	Mar. 26	4896	1068	127	1323
Bleaching apparatus.	R. Van Buggenhoudt.	872,265	Nov. 26	4452	1058-9	131	1113
Bleaching-cabinet.	W. E. Strong.	848,138	Mar. 26	4876	1064	127	1317
Bleaching cotton fibers.	R. Van Buggenhoudt.	872,097	Nov. 26	4126	986	131	1059
Bleaching of cotton. Electrolytic.	A. A. Vogelsang.	867,452	Oct. 1	338	-----	130	1418
Bleaching-powder chamber.	M. Mauran.	865,651	Sept. 10	1394	395	130	455
Bleaching, sterilizing, or conditioning agent. Producing a	S. Leetham.	854,508	May 21	4293	888	128	1168
Blind-adjuster.	I. L. Garside.	844,118	Feb. 12	2488	535	126	2448
Blind and fixings for same. Multiple roller.	H. Graf.	840,312	Jan. 1	1052	230	126	281
Blind and the like. Window.	D. I. Andrews.	843,922	Feb. 12	2141	457	126	2364
Blind apparatus. Spring-roller.	W. McLaren.	839,948	Jan. 1	300	66	126	83
Blind. Awning.	G. W. Pearson.	871,044	Nov. 12	1868	511	131	634
Blind-fastener.	G. H. Fisher.	848,980	Apr. 2	738	150	127	1775
Blind-fastener.	P. Revere.	853,725	May 14	2767	570	128	745
Blind-fastener.	J. Bradley.	857,023	June 18	3085	651	128	2547
Blind fastener. Window.	J. J. Daniels.	852,654	May 7	564	107-8	128	147
Blind-operating device. Window.	D. F. Lonergan.	865,922	Sept. 10	1827	511	130	601
Blind or shade. Venetian.	W. B. Hughes.	857,066	June 18	3170	667	128	2571
Blind-slat fastener.	W. W. Winslow.	867,460	Oct. 1	349	101	130	1421
Blind-slat tenon.	O. H. Chandler.	861,088	July 23	4278	1174	129	1504
Blind-stop.	C. L. Koenig.	868,873	Oct. 22	2625	725	130	2186
Blind. Venetian.	I. W. Goodell.	842,401	Jan. 29	5299	1123	126	1504
Blind. Window.	V. Wyss.	847,143	Mar. 12	2835	625-6	127	746
Blind. Window.	J. McCord.	863,573	Aug. 13	2308	632	129	2832
Blindstitching-machine.	J. E. Fefel.	862,547	Aug. 6	759	202-3	129	2319
Block.							
See Brace-block.	Matrix-making mas-						
Brake-block.	ter-block.						
Building-block.	Memorandum-block.						
Bunk-block.	Pavement-block.						
Butcher's chopping-	Paving-block.						
block.	Picking-block.						
Cement block.	Printing-block.						
Concrete block.	Printing or engraving						
Concrete building-	block.						
block.	Pulley-block.						
Cutting-block.	Sheave-block.						
Davit fall-block.	Snatch-block.						
Driving-block.	Tackle-block.						
Fuel block.	Toy block.						
Block.	A. Grainger and E. Klepsch.	844,123	Feb. 12	2497	536	126	2450
Block.	P. J. Macdonald.	862,647	Aug. 6	915	246	129	2368
Block-forming machine.	W. C. Burrell.	844,709	Feb. 19	3964	841-2	126	2846
Block lifting and carrying apparatus.	G. F. Fisher.	841,137	Jan. 15	2726	595	126	782
Block-machine.	H. G. Grisier.	857,995	June 25	5012	1057	128	3064
Block-machine.	J. R. Harbeck.	867,361	Oct. 1	209	60	130	1376
Block-making apparatus. Molded-	J. O. Winston.	849,824	Apr. 9	2349	482	127	2221
Block-making plant.	H. G. Rounds.	852,579	May 7	419	77-8	128	111
Block-molding apparatus.	W. M. Scott.	861,144	July 23	4358	1195	129	1532
Block-molding machine.	F. Christian and E. H. Reed.	841,228	Jan. 15	2893	629	126	824
Block-molding machine.	J. I. Hancock.	841,515	Jan. 15	3461	745-6	126	972
Block-molding machine.	P. Olson.	842,109	Jan. 22	4632	993-4	126	1294
Block-molding machine.	W. A. Boeck.	849,197	Apr. 2	1182	239	127	1891
Block-molding machine.	J. C. Herring.	850,368	Apr. 16	3371	705	127	2523
Block-molding machine.	J. M. Bolton.	866,571	Sept. 17	2777	776-7	130	930
Block-molding machine.	M. J. Palmiter.	874,533	Dec. 24	4585	962	131	1999
Block-molds. Dividing-plate for.	F. A. Borst.	850,206	Apr. 16	3066	643	127	2440
Block-press.	C. A. O. Rosell.	861,903	July 30	5555	1533-5	129	1939
Block-press.	J. C. Fowler.	864,839	Sept. 3	121	33-4	130	39
Block-signal.	P. I. Chandeysson.	865,866	Sept. 10	1744	486	130	577
Block-signal apparatus.	F. C. Williams.	867,329	Oct. 1	149	44-5	130	1359
Block-signal apparatus.	A. Bevan.	875,313	Dec. 31	6130	1279-80	131	2275
Block-signal. Automatic.	N. C. Keeling.	851,523	Apr. 23	5625	1178	127	3126
Block-signal. Automatic electric.	W. A. D. Short.	875,120	Dec. 31	5764	1201-2	131	2215
Block-signal. Electrical.	E. S. Stotts and L. O. Dickey.	854,970	May 28	5227	1089	128	1434
Block-signal system.	L. A. Hawkins.	844,797	Feb. 19	4150	885	126	2897
Block-signal system.	F. B. Corey.	845,220	Feb. 26	4971	1057	126	3144
Block-signal system.	E. F. Bliss.	848,959	Apr. 2	703	141	127	1767
Block-signal system.	J. Van Zandweghe and L. Viberti.	851,456	Apr. 23	5493	1150	127	3096
Block-signal system.	E. F. Bliss.	856,440	June 11	1990	410	128	2233
Block-signal system.	L. A. Hawkins.	856,465	June 11	2032	418	128	2243
Block-signal system.	L. A. Hawkins.	856,466	June 11	2034	418	128	2244
Block-signal system.	L. A. Hawkins.	856,467	June 11	2037	418	128	2244
Block-signal system.	L. A. Hawkins.	856,583	June 11	2261	465	128	2300
Block-signal system.	C. C. Anthony.	856,670	June 11	2428	501	128	2343
Block-signal system.	L. A. Hawkins.	859,219	July 9	1396	371	129	502
Block-signal system.	E. F. Bliss.	861,015	July 23	4178	1144	129	1473
Block-signal system.	L. A. Hawkins.	869,365	Oct. 29	3395	934	130	2454
Block-signal system.	W. Daves.	869,555	Oct. 29	3704	1015-16	130	2550
Block-signal system. Automatic.	F. P. J. Patenall and G. H. Dryden.	851,692	Apr. 30	5999	1253-4	127	3250
Block-signaling apparatus.	W. E. Foster.	863,913	Aug. 20	2832	779	129	3032
Block-signaling system.	L. H. Thullen.	869,275	Oct. 29	3238	892-3	130	2406
Block-signaling system. Automatic.	D. J. McCarthy.	867,563	Oct. 1	510	146	130	1471
Block system.	F. B. Corey.	850,733	Apr. 16	4073	851-2	127	2700
Block system.	C. C. and J. Harper.	855,571	June 4	236	47	128	1756
Blocks. Manufacture of.	I. Lucas.	858,192	June 25	5398	1150	128	3162
Blocks or bricks. Making molded.	F. Zagelmeyer.	862,367	Aug. 6	426	-----	129	2219
Blocking and derailing device.	W. J. C. Kenyon and W. S. King.	873,377	Dec. 10	2224	463	131	1551

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Blocking-machine	F. L. Atherton	863,344	Aug. 13	1991	536	129	2737
Blotter-holder	A. F. Watson	842,041	Jan. 22	4509	969	126	1265
Blotter. Ink	K. Gossweiler	857,236	June 18	3488	737	128	2650
Blotter. Mailable	G. W. Speyer	861,910	July 30	5569	1538	129	1944
Blotter or pad	L. S. Houghton	857,462	June 18	3908	831	128	2754
Blotter-pad. Thumb-carried	F. P. Childress	867,479	Oct. 1	373	108	130	1428
Blotting-pad	S. W. Junken	858,657	July 2	525	134	129	182
Blow-gun	J. Schultz	856,813	June 11	2688	555	128	2409
Blow-gun	B. Pike	863,753	Aug. 20	2584	714	129	2954
Blow-guns. Dart for	C. E. Stivers	873,628	Dec. 10	2702	570	131	1635
Blower	W. W. Green	846,844	Mar. 12	2274	498-9	127	610
Blower and suction device	H. M. Brown and H. M. Dahl	848,343	Mar. 26	5278	1150	127	1719
Blower. Combined motor and hand operated rotary	H. B. Keiper	869,247	Oct. 29	5199	880-1	130	2394
Blower. Jet	A. Cotton	871,208	Nov. 19	2204	584	131	734
Blower or exhauster. Rotary	T. W. Green	859,762	July 9	2221	604	129	773
Blower. Positive-pressure	F. P. Boland	863,832	Aug. 20	2709	747	129	2993
Blower. Pressure	A. Mathis	856,171	June 4	1389	293	128	2043
Blower-pump	A. M. Gow	859,938	July 16	2497	677-8	129	890
Blower. Rotary	T. W. Green	853,690	May 14	2668	530	128	719
Blower. Rotary	T. W. Green	859,763	July 9	2222	604	129	773
Blower. Rotary	H. Walther	871,837	Nov. 26	3533	865	131	972
Blower-starter	L. B. Cousins	855,046	May 28	5392	1120	128	1476
Blower. Steam	G. J. Treadgold	860,585	July 16	3481	956	129	1215
Blower. Steam tube	J. C. Bennett	844,493	Feb. 19	3284	708	126	2686
Blower. Turbine-driven	A. C. E. Rateau	855,809	June 4	703	143	128	1873
Blower. Turbo	H. Holzwarth	853,363	May 14	2023	418-19	128	552
Blowing apparatus. Jet	A. Cotton	871,209	Nov. 19	2207	584-5	131	735
Blowing-engine	H. Aiken	872,492	Dec. 3	366	75-6	131	1225
Blowing-engine	H. Aiken	872,603	Dec. 3	597	125-6	131	1260
Blowpipe	G. W. Hopkins	850,581	Apr. 16	3777	788	127	2627
Blowpipe	C. Delcampe	874,492	Dec. 24	4476	943	131	1985
Blowpipe. Acetylene	J. Harris	853,634	May 14	2553	529	128	688
Blowpipe and soldering attachment. Combined	P. P. Nungesser	842,905	Feb. 5	122	29	126	1820
Blowpipe. Hand-brace	F. Jottrand and P. Sluys	859,664	July 9	2084	563	129	728
Blue-print-drying machine	C. F. Pease	865,057	Sept. 3	471	130	130	143
Blue-printing and similar apparatus	S. E. Flichtner	847,567	Mar. 19	3693	814	127	993
Blue-printing frame	J. A. Bried	867,698	Oct. 8	715	200	130	1551
Blue-printing machine	S. B. Whinery	847,034	Mar. 12	2639	581	127	699
Blue-printing machine	L. M. Rash	868,884	Oct. 22	2638	729	130	2190
Blue-printing, washing, and drying apparatus. Continuous	C. F. Pease	846,941	Mar. 12	2462	541-2	127	655
Bluing device	M. F. Wood	872,879	Dec. 3	1182	252	131	1352
Bluing. Effervescent laundry	Z. S. Yarnall	846,887	Mar. 12	2357	.....	127	631
Board:							
See Base-board.	Model-board.						
Bill-board.	Moldboard.						
Bread-board.	Panel-board.						
Bulletin-board.	Piano sounding-board.						
Checker-board.	Plaster-board.						
Compass-board.	Reed-board.						
Compo-board.	Register name-board.						
Counting-board.	Sanitary douche-board.						
Cutting-board.	Scoop-board.						
Drawing-board.	Shoveling-board.						
Game-board.	Sleeve and skirt board.						
Insulating-board.	Slicing-board.						
Ironing-board.	Tracker-board.						
Ironing or bosom board.	Trimmer-board.						
Kick-board.	Vehicle foot-board.						
Knee-board.	Wagon-box scoop-board.						
Liver-cutting board.	Washboard.						
Board	J. T. Ferres	864,775	Sept. 3	15	4	130	7
Board cutter. Tongued	G. W. Schilling	862,761	Aug. 6	1093	294	129	2417
Board-dropping device	W. Pines	843,439	Aug. 13	2115	570	129	2776
Boards. Machine for uniting matched	A. Meren and C. Johnson	869,923	Nov. 5	68	20-1	131	23
Boat	U. R. Miller	850,034	Apr. 9	2714	570	127	2312
Boat	G. A. Farini	852,380	Apr. 30	7375	1548	127	3599
Boat	A. Fayol	853,347	May 14	1996	412	128	545
Boat	W. Kirkpatrick	855,062	May 28	5422	1125	128	1485
Boat	W. J. Nolan	861,045	July 23	4220	1155-6	129	1485
Boat	C. H. Myers	870,738	Nov. 12	1370	375	131	480
Boat	E. Terrell	872,389	Dec. 3	145	28	131	1190
Boat	B. F. Waters	872,870	Dec. 3	1167	248	131	1349
Boat. Bicycle	L. P. Hill	860,664	July 23	3621	992	129	1294
Boat-cleat. Yielding	F. A. Bierie	869,130	Oct. 22	3013	832	130	2307
Boat. Collapsible	F. H. Farrand	858,506	July 2	252	61	129	91
Boat. Combined ice and water	J. A. Norton	863,747	Aug. 20	2574	711-12	129	2950
Boat. Foldable or collapsible	I. O. Perrine	842,908	Feb. 5	128	30	126	1821
Boat. Folding	A. J. Rosin	859,582	July 9	1956	527-8	129	687
Boat for ice-breaking and other purposes	C. Stangebye	857,766	June 25	4525	955	128	2942
Boat. Ice and water	N. Roe	859,693	July 9	2127	574	129	741
Boat. Illusion	V. E. Jossenberger	859,604	July 9	1991	537	129	699
Boat-lashing device	H. Berg	856,439	June 11	1988	410	128	2232
Boat launching and stowing apparatus	F. E. Martin	850,239	Apr. 16	3125	653-4	127	2457
Boat-launching apparatus	C. Dickenson	866,847	Sept. 24	3214	904	130	1103
Boat-launching means. Life	R. Zolling	846,770	Mar. 12	2113	464	127	568
Boat. Life	C. Lehnert	844,372	Feb. 19	3037	648	126	2625
Boat. Life	G. O. Dittton	845,620	Feb. 26	5740	1215	126	3333
Boat. Life	A. T. Broch	858,854	July 2	861	224	129	297
Boat. Life	C. W. Weiland	860,951	July 23	4068	1113	129	1439
Boat. Life	R. A. Brown	870,928	Nov. 12	1695	465-6	131	581
Boat lowering and detaching apparatus	T. B. King	873,557	Dec. 10	2570	541	131	1611
Boat. Motor	O. P. E. Knudsen	848,998	Apr. 2	770	157	127	1784
Boat. Motor-driven	V. M. Salo and J. Rukonen	873,614	Dec. 10	2681	565	131	1631
	H. Lemp	872,356	Dec. 3	79	15-16	131	1180

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	D'g.	Vol.	Page.
Boat-plug.....	G. W. Renton.....	847,112	Mar. 12	2784	615	127	733
Boat-releasing device.....	H. G. Oliver.....	845,477	Feb. 26	5497	1164	126	3274
Boat. Sectional.....	N. L. Skene.....	842,349	Jan. 29	5172	1099	126	1465
Boat. Stone.....	F. C. Rawson.....	846,617	Mar. 12	1834	403	127	456
Boat. Submarine.....	R. H. Goldsborough.....	842,146	Jan. 22	4727	1010-11	126	1318
Boat. Submarine.....	J. J. Harpain.....	850,831	Apr. 16	4256	894	127	2746
Boat. Submarine.....	L. Y. Spear.....	854,004	May 21	3325	684	128	924
Boat. Submarine.....	C. M. Cage.....	854,146	May 21	3623	748	128	994
Boat. Submarine.....	J. M. Cage.....	860,126	July 16	2785	760	129	985
Boat. Submarine or submergible.....	W. J. O'Haire.....	867,294	Oct. 1	98	31	130	1344
Boat. Submarine torpedo.....	T. S. Bailey and L. Y. Spear.....	848,872	Apr. 2	560	112	127	1732
Boat transporting and launching apparatus.....	A. Elgar.....	846,736	Mar. 12	2044	449	127	510
Boats and the like. Spring-cleat for.....	J. J. Harpain.....	850,643	Apr. 16	3915	817	127	2662
Boats. Device for locating and raising sunken.....	R. Fromholtz.....	852,946	May 7	1178	242	128	299
Boats. Knockdown sailing attachment for row.....	C. L. Slattery and S. Sambur.....	851,698	Apr. 30	6012	1256	127	3254
Boats. Life-saving apparatus for submarine.....	C. L. Burgoyne.....	840,198	Jan. 1	823	181	126	220
Boats. Life-saving device for.....	O. A. C. Oehmler.....	857,193	June 18	3420	720-1	128	2632
Boats. Means for recovering submarine.....	J. Huser.....	855,890	June 4	867	179	128	1913
Boats. Modeling for speed.....	E. Oswald.....	856,096	June 4	1229	529	128	2003
Bobbin.....	J. F. Twigg.....	856,745	June 11	2570	258	128	2380
Bobbin.....	G. Poppellwell.....	845,575	Feb. 26	5657	1199	126	3313
Bobbin and spindle. Combined winding.....	E. Atwood.....	851,211	Apr. 23	5003	1052	127	2972
Bobbin and spindle connector.....	E. Atwood.....	861,075	July 23	4259	1167	129	1498
Bobbin and spindle connector.....	J. Roney and J. C. Rae.....	862,514	Aug. 6	692	187	129	2301
Bobbin broach or creel-pin.....	J. Roney and J. C. Rae.....	862,586	Aug. 6	825	219	129	2340
Bobbin-clutching device for spindles.....	E. H. Boocock and J. Sutcliffe.....	847,638	Mar. 19	3866	845	127	1037
Bobbin-clutching device for spindles.....	C. A. Hawes.....	851,884	Apr. 30	6381	1332	127	3351
Bobbin-holder.....	H. E. Hughes.....	857,556	June 18	4102	870	128	2804
Bobbin-holder.....	A. E. Rhoades.....	850,099	Apr. 9	2846	596	127	2345
Bobbin-holder.....	F. Pope.....	851,774	Apr. 30	6145	1284	127	3289
Bobbin-holder.....	J. Pearson.....	860,690	July 23	3659	1002	129	1306
Bobbin-holder.....	T. J. Murdock.....	860,933	July 23	4031	1104	129	1425
Bobbin-holder.....	T. J. Murdock.....	864,480	Aug. 27	3686	1027	129	3327
Bobbin-holder.....	W. G. Ragsdale.....	867,532	Oct. 1	460	133	130	1457
Bobbin-holder.....	J. Pearson.....	870,743	Nov. 12	1402	379	131	486
Bobbin-machine.....	A. Braun.....	860,631	July 23	3576	980-1	129	1280
Bobbin-machines. Jacquard mechanism for lace.....	H. Buscher.....	853,396	May 14	2078	431	128	565
Bobbin-molding apparatus. Fiber.....	W. H. Thompson.....	863,472	Aug. 13	2158	584	129	2788
Bobbin-notching machine.....	I. A. Blood.....	862,535	Aug. 6	739	197-8	129	2313
Bobbin-slotting machine.....	D. S. Courtney.....	875,327	Dec. 31	6173	1287	131	2280
Bobbin stop mechanism.....	R. H. Cook.....	848,013	Mar. 26	4674	1019	127	1268
Bobbin stop. Twister.....	R. H. Cook.....	848,012	Mar. 26	4673	1019	127	1267
Bobbin-stripper.....	W. B. Leathers.....	869,856	Oct. 29	4161	1149-50	130	2685
Bobbin-turning apparatus.....	R. M. Goodnow.....	854,693	May 21	4649	969	128	1256
Bobbins. Apparatus for applying expansible rings to.....	F. C. Hodgman and C. L. Bailey.....	870,960	Nov. 12	1746	477-8	131	596
Bobbins. Journal for winding.....	M. Moul.....	864,429	Aug. 27	3602	1000	129	3297
Bobbins. Stop mechanism for.....	R. H. Cook.....	855,162	May 28	5640	1173	128	1538
Body-bolster.....	C. F. Huntton.....	851,753	Apr. 30	6110	1277	127	3279
Body-brace and hose-supporter.....	J. Cohen.....	846,551	Mar. 12	1676	371	127	456
Body-conformer.....	C. Munter.....	848,479	Mar. 26	5531	1205	127	1482
Body-heater.....	P. Stein.....	865,131	Sept. 3	561	157	130	170
Boiler:							
See Domestic boiler. Sectional boiler.							
Egg-boiler. Steam-boiler.							
Flash-boiler. Superheater-boiler.							
Gas-boiler. Superheating-boiler.							
Gas-heated boiler. Vertical boiler.							
Heating-boiler. Washboiler.							
Horizontal boiler. Washing-boiler.							
Locomotive-boiler. Water-tube boiler.							
Magazine-boiler. Water-tube marine boiler.							
Pipe-boiler.							
Range-boiler.							
Boiler.....	M. Davis.....	840,114	Jan. 1	637	138	126	168
Boiler.....	J. Renshaw.....	841,571	Jan. 15	3551	767	126	994
Boiler.....	J. P. Sneddon.....	841,593	Jan. 15	3595	781-2	126	1005
Boiler.....	S. Smith.....	844,695	Feb. 19	3934	832-3	126	2839
Boiler.....	E. S. Clark.....	846,982	Mar. 12	2540	559	127	677
Boiler.....	W. J. and G. Lane.....	850,590	Apr. 16	3790	791	127	2630
Boiler.....	H. Del Mar.....	855,446	June 4	12	3	128	1698
Boiler.....	O. U. and J. W. Chenoweth.....	860,728	July 23	3715	1018	129	1322
Boiler.....	C. E. Chapman.....	861,089	July 23	4279	1174-5	129	1504
Boiler.....	G. C. Andrews.....	863,829	Aug. 20	2705	746	129	2991
Boiler.....	A. B. Burns.....	866,771	Sept. 24	3102	873-4	130	1069
Boiler.....	M. T. Goss.....	871,691	Nov. 19	3212	795-6	131	893
Boiler.....	J. Lindner.....	872,438	Dec. 3	254	51-2	131	1205
Boiler.....	L. Rowan.....	872,456	Dec. 3	293	59	131	1214
Boiler.....	W. G. Ross.....	873,094	Dec. 10	1661	346-7	131	1459
Boiler.....	W. J. Ogan.....	874,423	Dec. 24	4353	916	131	1964
Boiler air-draft system. Steam.....	W. C. Wallace.....	871,541	Nov. 19	2950	736	131	847
Boiler and furnace. Combination.....	N. Frost.....	862,067	July 30	5808	1611	129	2019
Boiler attachment. Steam.....	B. A. Estep.....	846,100	Mar. 5	785	164	127	200
Boiler-bracket.....	J. J. Fletcher.....	848,890	Apr. 2	595	118	127	1741
Boiler circulator. Steam.....	E. J. Wheeler.....	874,470	Dec. 24	4424	933	131	1978
Boiler-cleaner.....	J. A. Ray.....	846,051	Mar. 5	679	143	127	174
Boiler-cleaner.....	L. M. Pettit.....	858,304	June 25	5591	1196	128	3211
Boiler-cleaner.....	E. H. Reiter.....	861,053	July 23	4231	1159	129	1458
Boiler-cleaner.....	J. W. Rietzke.....	865,270	Sept. 3	769	220	130	233
Boiler-cleaner.....	I. C. Gray.....	870,773	Nov. 12	1443	391	131	501
Boiler cleaner. Steam.....	F. G. Rogers.....	851,694	Apr. 30	6007	1254-5	127	3252
Boiler cleaner. Steam-engine.....	I. C. Gray.....	870,774	Nov. 12	1444	391	131	502
Boiler cleaner. Water-tube.....	G. Patterson.....	867,073	Sept. 24	3562	1008	130	1210
Boiler-cleaning device. Multitubular.....	J. Alexander.....	848,082	Mar. 26	4784	1043	127	1295
Boiler compound.....	T. Di Tullio.....	853,535	May 14	2345	.....	128	635
Boiler compound.....	J. Williams, Jr.....	868,149	Oct. 15	1458	130	1802
Boiler-compound mixer and feeder.....	H. Hiatt.....	852,953	May 7	1195	246	128	304

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Boiler construction.	C. Kroeschell.	843,152	Feb. 5	634	134	126	1956
Boiler-cover.	M. Kamenstein.	857,350	June 18	3704	783	128	2704
Boiler-covering.	E. L. Story.	866,235	Sept. 17	2296	641-2	130	778
Boiler draft-regulator. Steam.	A. J. Snow.	847,209	Mar. 12	2582	657	127	784
Boiler fire-box.	C. W. Hullings.	846,310	Mar. 5	1171	257	127	296
Boiler fire-box. Locomotive.	J. M. McClellon.	870,306	Nov. 5	680	182-3	131	222
Boiler fire-box. Locomotive.	J. M. McClellon.	870,380	Nov. 5	820	217	131	269
Boiler-flueplace.	F. Treibel.	860,504	July 16	3353	920	129	1173
Boiler-flue.	J. H. Davenport.	856,516	June 11	2122	436	128	2265
Boiler-flue blower.	T. E. Hutchins.	863,538	Aug. 13	2262	613-14	129	2820
Boiler-flue cleaner.	S. McAdoo.	842,901	Feb. 5	115	27	126	1819
Boiler-flue cleaner.	J. P. Thompson.	843,976	Feb. 12	2231	477	126	2387
Boiler-flue cleaner.	J. Bennett.	853,152	May 7	1562	325	128	395
Boiler-flue cleaner.	A. Stewart.	855,210	May 28	5729	1192	128	1560
Boiler-flue cleaner.	W. Eichelberger and D. E. Hibner.	855,563	June 4	226	44	128	1754
Boiler-flue cleaner.	W. J. Bradley.	868,403	Oct. 15	1871	524	130	1925
Boiler-flue cleaner. Steam.	G. Patterson.	844,740	Feb. 19	4032	859	126	2863
Boiler-flue. Detachable.	J. F. Drake.	841,381	Jan. 15	3208	692	126	905
Boiler-flue fastening.	W. H. Bot, Jr.	859,733	July 9	2181	590	129	758
Boiler-flue scraper.	A. E. Muirhead.	852,737	May 7	732	143	128	192
Boiler-furnace.	H. Emerson.	846,836	Mar. 12	2257	495	127	605
Boiler-furnace.	A. L. Hastings.	851,088	Apr. 23	4748	999	127	2909
Boiler-furnace.	D. Vines.	855,212	May 28	5731	1193	128	1561
Boiler-furnace.	H. H. Benn.	860,077	July 16	2726	742-3	129	966
Boiler furnace. Locomotive.	E. H. Wade and J. L. Nicholson.	851,329	Apr. 23	5253	1101-2	127	3036
Boiler-furnace. Smoke-consuming.	H. H. Freeman.	863,597	Aug. 20	2367	647	129	2883
Boiler furnace. Steam.	G. W. Phillips.	847,365	Mar. 19	3296	724	127	888
Boiler furnace. Steam.	I. H. Boyer.	849,103	Apr. 2	983	199-202	127	1840
Boiler furnace. Steam.	P. R. Kime.	855,642	June 4	377	78	128	1790
Boiler furnace. Steam.	W. Graham.	862,730	Aug. 6	1043	280-1	129	2404
Boiler furnace. Steam.	W. J. Ellis.	870,090	Nov. 5	332	93-4	131	110
Boiler furnace. Steam.	A. K. Young.	870,267	Nov. 5	616	165-6	131	201
Boiler-gage. Automatic.	D. G. Cameron.	843,192	Feb. 5	734	151	126	1981
Boiler-hanger.	T. C. Best.	854,143	May 21	3618	748	125	992
Boiler incrustation. Means for preventing and removing.	A. J. Simmons.	867,430	Oct. 1	303	88	130	1407
Boiler-leveler.	E. J. Budd.	866,910	Sept. 24	3301	931	130	1129
Boiler-leveling device.	F. I. Cass.	858,332	June 25	5637	1206-7	128	3222
Boiler safety appliance. Steam.	H. Crippen.	866,265	Sept. 17	2343	652	150	793
Boiler safety device.	G. E. Whitney.	860,717	July 23	3703	1014	129	1318
Boiler safety device. Automatic.	W. S. G. Harris.	850,751	Apr. 16	4108	860	127	2708
Boiler safety device. Steam.	C. Letteri.	869,000	Oct. 22	2827	778	130	2251
Boiler-scales. Compound for the removal of moving.	G. W. Case.	851,159	Apr. 23	4896	1161	127	2947
Boiler-setting.	C. B. Risley.	858,214	June 25	5440	1161	128	3173
Boiler-setting.	F. D. Warren.	875,475	Dec. 31	6460	1349-50	131	2328
Boiler-stand.	B. H. Sanders.	860,063	July 16	2705	736	129	960
Boiler stand. Range.	L. H. Holden.	874,071	Dec. 17	5659	769	131	1815
Boiler superheater. Steam.	O. Illi.	859,561	July 9	1925	519	129	676
Boiler-support.	C. H. Foster.	855,453	June 4	26	6	128	1701
Boiler-trap.	C. Dennis.	850,878	Apr. 16	4358	913	127	2774
Boiler-tube cleaner.	C. S. Knight.	840,221	Jan. 1	878	190	126	238
Boiler-tube cleaner.	G. Gottwald.	842,311	Jan. 29	5081	1083	126	1440
Boiler-tube cleaner.	R. Herman.	845,083	Feb. 26	4702	997	126	3074
Boiler-tube cleaner.	J. F. Land.	846,856	Mar. 12	2291	504	127	614
Boiler-tube cleaner.	H. F. Weinland.	850,701	Apr. 16	4029	842	127	2689
Boiler-tube cleaner.	S. F. Dilsdale.	850,739	Apr. 16	4087	854	127	2703
Boiler-tube cleaner.	W. S. Elliott.	856,627	June 11	2353	484	128	2324
Boiler-tube cleaner.	W. S. Elliott.	856,628	June 11	2353	484	128	2324
Boiler-tube cleaner.	E. Mettler.	858,525	July 2	277	68	129	98
Boiler-tube cleaner.	J. and A. Niclausse.	863,628	Aug. 20	2414	663-4	129	2899
Boiler-tube cleaners. Guide-casing for.	M. Assen and F. P. Eikmann, Jr.	841,917	Jan. 22	4275	921	126	1208
Boiler-tube-cleaning apparatus.	P. Renner.	859,520	July 9	1850	498-9	129	653
Boiler-tube cutter.	C. Roos.	864,693	Aug. 27	4067	1130	129	3443
Boiler-tube ends. Means for cutting off.	J. R. Whittemore.	866,412	Sept. 17	2562	715	130	864
Boiler-tube joint.	H. Auerbach.	860,008	July 16	2624	713	129	933
Boiler tube or flue cleaner or scraper. Steam.	C. S. Dean.	864,772	Sept. 3	11	4	130	5
Boiler-tube scale. Apparatus for removing.	D. J. Jenkins.	860,030	July 16	2654	721	129	942
Boiler-tube-scarfing machine.	C. H. Meyers and E. Loudenslager.	870,734	Nov. 12	1365	373	131	479
Boiler-tube-scarfing apparatus.	A. G. Hay.	849,898	Apr. 9	2505	516-17	127	2262
Boiler-tubes. Device for removing scale from.	J. Georges and E. A. Dormoy.	854,819	May 28	4923	1022	128	1355
Boiler-tubes. Setting.	W. M. Dickerson.	850,299	Apr. 16	3227	673	127	2484
Boiler under pressure. Apparatus for testing the water of a.	A. Schmitz.	862,870	Aug. 6	1260	342	129	2469
Boiler washout system.	H. J. Clark.	872,222	Nov. 26	4376	1042	131	1101
Boiler water-gauge.	F. W. Fisher.	852,781	May 7	831	167	128	212
Boiler water-gauge.	A. S. Vincent.	860,165	July 16	2841	776	129	1006
Boiler water-purifying device. Steam.	W. P. Wiemann.	852,005	Apr. 30	6644	1383	127	3417
Boilers. Accumulator for flash.	H. Lemp.	841,791	Jan. 22	4015	868	126	1146
Boilers. Alarm-gal for.	H. Sandvoss.	841,186	Jan. 15	2811	613	126	804
Boilers. Apparatus for blowing off, washing, and recharging.	W. L. Miller.	858,198	June 25	5406	1152	128	3164
Boilers. Apparatus for facilitating the removal of deposits in locomotive.	G. H. Pearson.	847,435	Mar. 19	3441	755	127	926
Boilers. Burner-regulator for steam.	R. H. White.	861,565	July 30	5045	1385	129	1786
Boilers. Flue-blow-off device for.	J. E. Henry.	853,360	May 14	2020	417-18	128	551
Boilers. Furnace-door for.	F. L. Fox.	843,742	Feb. 12	1791	382	126	2277
Boilers. Hand-hole-latch for.	R. C. Stevens.	854,061	May 21	3458	713	128	954
Boilers. Machine for fastening crown-stays in.	H. E. Lewis.	863,074	Aug. 13	1573	424	129	2605
Boilers. Man and bud hole connection for.	J. A. McCormick.	853,821	May 14	2937	603	128	786
Boilers. Means for promoting circulation in steam.	S. J. Ross.	848,496	Mar. 26	5558	1213	127	1488
Boilers. Scummeer at blow-off for steam.	J. B. Barnes.	842,164	Jan. 29	4782	1021	126	1366
Boilers. Scummeer at blow-off for steam.	J. B. Barnes. (Reissue)	12,663	June 25	5736	1223	128	3253
Boilers. Soot-cleaner for.	W. Eichelberger, D. E. Hibner, and M. J. Bacon.	858,333	June 25	5639	1207	128	3223
Boilers. Steam ash-thrower for.	J. A. Kretzer.	868,455	Oct. 15	1952	544-5	130	1949
Boilers. System of whing and filling locomotive.	W. White and S. Otis.	847,386	Mar. 19	3340	732	127	899

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Boilers. System of washing and filling locomotive....	W. White.....	847,387	Mar. 19	3342	733	127	900
Boilers. System of washing and filling locomotive....	W. White.....	847,388	Mar. 19	3345	733	127	1160
Boilers. Water-eliminator for steam.....	J. Long.....	874,971	Dec. 31	5477	1144	131	2167
Boiling and distilling apparatus.....	R. Planckh.....	870,747	Nov. 12	1407	381	131	488
Boil-weevil destroyer. Cotton.....	B. Bergmann.....	847,887	Mar. 19	4381	958-9	127	900
Bolster.....	A. Lipschutz.....	852,391	Apr. 30	7400	1552	127	3606
Bolster.....	A. Lipschutz.....	852,392	Apr. 30	7401	1553	127	3607
Bolster.....	A. H. Fetters.....	853,545	May 14	2367	493	128	640
Bolster.....	S. Otis.....	862,843	Aug. 6	1221	329	129	2457
Bolster.....	O. S. Pulliam.....	869,650	Oct. 29	3861	1057	130	2596
Bolster.....	O. S. Pulliam.....	869,651	Oct. 29	3862	1057	130	2596
Bolster. Body.....	H. A. Wahlert.....	874,044	Dec. 17	3539	754	131	1805
Bolster-holder.....	K. E. Crocker.....	842,387	Jan. 29	5264	1117	126	1493
Bolster. Metallic.....	G. A. Hassel.....	853,584	May 14	2442	508	128	660
Bolster-roll.....	C. Ruppel.....	861,677	July 30	5210	1431	129	1836
Bolster. Sham roll.....	J. David.....	875,329	Dec. 31	6181	1288	131	2281
Bolster. Spring.....	F. Helmick and T. B. Perkins.....	875,523	Dec. 31	6545	1365	131	2344
Bolster structure.....	W. E. Symons.....	866,405	Sept. 17	2554	712	130	861
Bolster swing-damper.....	W. G. Price.....	872,014	Nov. 26	3951	950	131	1032
Bolster swing-damper.....	W. G. Price.....	872,015	Nov. 26	3953	951	131	1032
Bolt:							
See Anchor-bolt. Rivet-bolt.							
Door-bolt. Safe-bolt.							
Latch-bolt. Seal-bolt.							
Lock-bolt. Shaking-bolt.							
Pump-rod bolt. Stay-bolt.							
Ratchet-bolt. Toggle-bolt.							
Bolt.....	M. Ennis.....	842,450	Jan. 29	5412	1149	126	1533
Bolt.....	H. H. Mudge.....	857,295	June 18	3604	763	128	2679
Bolt-anchor.....	F. C. Palmer.....	841,233	Jan. 15	3118	674	126	882
Bolt-anchor.....	E. A. Stulz.....	850,980	Apr. 23	4547	952	127	2859
Bolt and nut cutter. Combination.....	J. Backscheider.....	873,004	Dec. 10	1466	305	131	1428
Bolt and nut lock.....	G. W. Ketteringham.....	875,438	Dec. 31	6392	1433	131	2317
Bolt-clipper.....	H. K. Porter.....	862,279	Aug. 6	287	80	129	2172
Bolt-clipper.....	H. W. Smohl.....	863,111	Aug. 13	1640	440	129	2625
Bolt cutter. Stay.....	E. T. Strong.....	852,302	Apr. 30	7210	1514	127	3559
Bolt cutter. Stay.....	J. W. Raessler.....	858,271	June 25	5535	1183	128	3197
Bolt-cutting machine.....	H. L. Fisher.....	864,964	S. pt. 3	324	87	130	103
Bolt-extractor.....	W. McCormick.....	840,233	Jan. 1	900	195	126	244
Bolt-header.....	C. H. Hopkins.....	873,750	Dec. 17	2953	626	131	1709
Bolt-lock.....	O. Cullman.....	870,547	Nov. 12	1059	289	131	373
Bolt locking device.....	W. W. Parsons.....	850,540	Apr. 16	3698	773	127	2607
Bolt locking mechanism. Split.....	W. W. Parsons.....	874,233	Dec. 17	3968	837	131	1869
Bolt-machine.....	H. Crehan.....	873,727	Dec. 17	2911	617-18	131	1702
Bolt-retainer.....	J. Hartman.....	847,768	Mar. 19	4121	900	127	1096
Bolts and the like. Holding-pin for toggle.....	J. H. Cook.....	862,310	Aug. 6	339	94	129	2188
Bolts, pins, &c. Machine for making.....	J. F. Lober.....	846,117	Mar. 5	818	171	127	208
Bolts. Retaining-key for locking split.....	W. W. Parsons.....	859,103	July 2	1212	326	129	409
Bolts. Self-retaining adjusting means for clutch-actuating draft.....	M. F. McMahon.....	842,575	Jan. 29	5662	1197	126	1593
Bolts. Tool for forcing apart the ends of split or two-membered.....	W. W. Parsons.....	864,486	Aug. 27	3696	1030	129	3330
Bolting-cloth cleaner.....	M. J. Bartlett.....	840,550	Jan. 8	1542	340	126	439
Bolting-machine.....	E. Glarner.....	859,448	July 9	1749	467	129	620
Bolting-machine driving mechanism.....	H. O. Bowsman.....	843,067	Feb. 5	445	97	126	1905
Bolting machine. Flour.....	T. W. Graham.....	865,346	Sept. 3	910	261	130	275
Bomb for coyotes.....	J. N. Gassett.....	848,544	Mar. 26	5644	1236	127	1508
Bomb for use in metallurgical operations.....	J. O. Bardill.....	868,904	Oct. 22	2673	739	130	2202
Bone-cutting machine.....	W. M. Conner.....	871,674	Nov. 19	3183	789	131	888
Bone-pocket.....	S. Kops.....	849,137	Apr. 2	1072	215	127	1863
Book.....	E. L. Cudebec.....	848,975	Apr. 2	731	148	127	1774
Book. Account.....	U. F. Doubleday.....	852,876	May 7	1036	214	128	264
Book and color-box. Combined painting.....	G. Tuck.....	841,360	Jan. 15	3171	682	126	895
Book back. Loose-leaf.....	W. J. Schults.....	854,181	May 21	3688	763	128	1011
Book-backs. Forming.....	A. J. Kroencke.....	857,003	June 11	3039	640	128	2490
Book. Balance.....	W. E. Frudhomme.....	857,904	June 25	4790	1017-18	128	3006
Book. Blank.....	H. C. Batten and W. J. Ruble.....	860,514	July 16	3364	924	129	1176
Book-carrier.....	F. Gottschalk.....	857,050	June 18	3137	661	128	2562
Book-clip.....	F. J. Mills.....	869,379	Oct. 29	3414	938	130	2459
Book-clip and leaf-support.....	W. C. Nash.....	871,610	Nov. 19	3077	764	131	869
Book. Combination check.....	M. H. Berry.....	848,429	Mar. 26	5447	1187	127	1461
Book. Combined warehouse invoice and freight.....	S. M. Rich.....	870,048	Nov. 5	272	74	131	93
Book-cover.....	C. E. Wise.....	848,714	Apr. 2	191	39	127	1637
Book-cover.....	I. S. Wolcott.....	873,973	Dec. 17	3390	721	131	1783
Book cover or protector.....	G. A. Flohr and A. Miller, Jr.....	846,195	Mar. 5	964	204	127	245
Book-cover protector.....	M. W. Cummings and T. F. Jordan.....	850,735	Apr. 16	4081	953	127	270
Book, &c. File.....	J. H. Horwitz.....	848,245	Mar. 26	5059	106	127	1365
Book, file, temporary binder, &c. Loose-leaf.....	A. and L. Myers and F. R. Baker.....	843,229	Feb. 5	808	166	126	1999
Book for library-shelves. Dummy.....	F. E. Coulter.....	861,020	July 23	4187	1147	129	1475
Book for stamps, &c.....	H. M. Lindsay.....	851,536	Apr. 23	5649	1182	127	3133
Book. Future-sales record.....	E. R. Smith.....	841,060	Jan. 8	2540	554	126	690
Book-handle.....	R. Hinkley.....	870,958	Nov. 12	1743	477	131	595
Book-holder.....	J. S. Dudley.....	841,237	Jan. 15	2914	633-4	126	829
Book-holder.....	H. W. Miller.....	853,184	May 7	1618	338	128	408
Book-holder.....	E. B. and F. A. Taylor.....	860,772	July 23	3786	1038	129	1345
Book-holder.....	C. L. Work.....	871,903	Nov. 26	3675	896	131	994
Book holder. Reference.....	N. H. Fulton.....	854,414	May 21	4119	854	128	1125
Book-leaf.....	P. Hansen.....	863,988	Aug. 20	2940	809	129	3063
Book-leaf holder.....	S. S. Potter.....	860,823	July 23	3853	1056	129	1368
Book. Loose-leaf.....	H. I. Seddon.....	855,988	June 4	1055	219	128	1960
Book. Loose-leaf.....	W. H. Garland.....	867,815	Oct. 8	904	256	130	1609
Book. Loose-leaf.....	H. M. Sturgis.....	873,106	Dec. 10	1681	351	131	1462
Book. Loose-leaf memorandum.....	E. C. Suckert.....	843,714	Feb. 12	1744	371	126	2265
Book. Manifold counter-sales check.....	J. O. Lalonde.....	848,662	Apr. 2	79	18	127	1604
Book. Manifold counter-sales check.....	V. Guertin.....	858,596	July 2	407	105	129	144
Book. Manifolding account.....	F. M. Boring.....	864,506	Aug. 27	3735	1040	129	3344

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Book. Manifolding sales.....	A. L. Schultz.....	867,610	Oct. 8	589	168	130	1514
Book. Manifolding sales.....	H. P. Brown.....	869,054	Oct. 22	2910	802	130	2276
Book-manufacturing machine.....	W. H. Marvin and R. R. Vessey.....	848,563	Mar. 26	5681	1243-6	127	1519
Book-mark.....	J. F. Orgain.....	868,470	Oct. 15	1971	549	130	1956
Book-mark.....	K. Erickson.....	865,092	Sept. 3	513	141	130	156
Book-mark.....	L. B. Chadwick.....	875,502	Dec. 31	6511	1358	131	2337
Book-mark. Automatic.....	M. J. Conter.....	840,475	Jan. 8	1391	308	126	402
Book-mark. Automatic.....	M. J. Conter.....	854,873	May 28	5052	1051	128	1389
Book. Memorandum.....	M. J. Wade.....	871,310	Nov. 19	2435	631	131	770
Book or ledger and binder therefor. Separable loose-leaf.....	C. E. Morehouse.....	851,301	Apr. 23	5203	1091	127	3025
Book or music leaf turner.....	H. Alrich.....	868,903	Oct. 22	2670	738-9	130	2201
Book or pad. Manifolding.....	B. C. Maxwell.....	847,991	Mar. 19	4600	1009	127	1210
Book or pad. Manifolding.....	A. F. Staples.....	855,997	June 4	1068	222	128	1964
Book or pad. Manifolding copy.....	D. A. Roberts.....	874,439	Dec. 24	4377	921	131	1968
Book or pamphlet.....	J. A. Ward.....	856,748	June 11	2576	529	128	2382
Book. Painting.....	R. H. Garman.....	870,771	Nov. 12	1440	390	131	500
Book. Perpetual account.....	T. E. Smith.....	853,905	May 14	3118	639	128	830
Book. Pocket memorandum.....	A. Mieden.....	863,036	Aug. 13	1502	408	129	2583
Book-rest and the like.....	A. Englefield.....	847,052	Mar. 12	2682	589	127	709
Book-rest and the like.....	A. Englefield. (Reissue).....	12,721	Nov. 19	3373	827	131	918
Book-ring with locking-arms.....	L. M. Morden.....	841,034	Jan. 8	2493	543	126	678
Book-ring with spring-hinged joint.....	L. M. Morden.....	841,706	Jan. 22	3837	834	126	1099
Book. Sales.....	H. P. Brown.....	841,617	Jan. 15	3655	793	126	1019
Book-stock carrier.....	J. S. Murray.....	851,021	Apr. 23	4619	969	127	2878
Book-support.....	W. Smith.....	850,977	Apr. 23	4544	952	127	2858
Book. Triplicate manifolding sales.....	E. K. Bottle.....	846,002	Mar. 5	577	121	127	148
Books, &c. Baffle for the locks of the adjustable backs of loose-leaf.....	J. S. McDonald.....	864,136	Aug. 20	3169	876	129	3133
Books. Flat-opening leaf for.....	J. J. Diehl.....	855,049	May 28	5397	1121	128	1477
Books. Machine for applying binding-strips to.....	W. H. Reisman, S. C. Swartz, and W. T. Hamilton.....	871,821	Nov. 26	3492	855-6	131	966
Books, tablets, &c. Backing-machine for.....	J. G. Klink.....	868,451	Oct. 15	1945	543	130	1947
Bookbinder.....	R. J. Nicholson. (Reissue).....	12,606	Feb. 12	2915	619	126	2555
Bookbinder.....	D. McCann.....	860,228	July 16	2943	804	129	1036
Bookbinder.....	D. H. York.....	868,746	Oct. 22	2440	675	130	2130
Bookbinder. Adjustable.....	M. Z. Kirk.....	855,894	June 4	875	181	128	1914
Bookbinder's-leaf-applying machine.....	L. W. Daniels.....	855,621	June 4	340	70	128	1781
Bookbinders. Signature-gathering-machine attachment for.....	J. Murray.....	845,369	Feb. 26	5277	1118-19	126	3219
Bookbinding.....	C. Chivers.....	859,740	July 9	2189	592-3	129	761
Bookbinding. Lap-back for.....	P. Carpenter.....	861,261	July 30	4564	1245	129	1636
Bookbinding-machine.....	W. E. Blauvelt.....	847,891	Mar. 19	4388	960-5	127	1161
Bookcase.....	D. Mapes.....	865,114	Sept. 3	541	151	130	164
Bookcase.....	T. J. Lamping.....	874,015	Dec. 17	3468	739-40	131	1795
Bookcase and folding bed. Combined.....	W. Freedmann.....	870,947	Nov. 12	1728	473	131	590
Bookcase. Knockdown sectional.....	F. W. Tobey.....	848,705	Apr. 2	169	26	127	1630
Bookcase. Sectional.....	J. W. Campbell.....	852,769	May 7	789	158	128	205
Bookcase. Sectional.....	J. W. Campbell.....	852,770	May 7	791	158	128	205
Bookcase. Sectional.....	J. L. Kershaw.....	863,286	Aug. 13	1905	515	129	2708
Bookcases. Alining device for sectional.....	C. J. Lundstrom.....	856,970	June 11	2970	622	128	2478
Bookcases. Adjustable support for sectional.....	F. W. Tobey.....	857,318	June 18	3644	722	128	2689
Booklet or folder.....	R. H. Garman.....	841,241	Jan. 15	2921	635	126	830
Boomerang-thrower.....	G. E. Smith and D. E. Brinsmade.....	849,168	Apr. 2	1123	227	127	1875
Boot and manufacturing the same. Felt.....	W. H. Schultz.....	859,257	July 9	1456	388	129	524
Boot and shoe.....	F. R. Duncan.....	854,571	May 21	4415	916	128	1198
Boot and shoe.....	J. H. Cunningham.....	873,731	Dec. 17	2919	619	131	1703
Boot and shoe. Composite.....	H. C. Richardson.....	868,484	Oct. 15	1991	555	130	1963
Boot and shoe counter.....	G. L. Preble.....	866,732	Sept. 24	3042	858	130	1050
Boot and shoe edge trimming machine.....	A. E. Ayer and A. S. Vose.....	858,494	July 2	226	53	129	83
Boot and shoe finishing machines. Rotary operating member for.....	W. W. Crooker.....	868,532	Oct. 15	2071	581	130	1987
Boot and shoe leveling machine. Automatic.....	J. J. Heys.....	874,504	Dec. 24	4504	947-8	131	1989
Boot and shoe machinery.....	J. Northern.....	843,839	Feb. 12	1973	422-3	126	2322
Boot and shoe polishing machine.....	M. Schuppe.....	875,115	Dec. 31	5749	1199-1200	131	2214
Boot and shoe tread. Pneumatic.....	I. Tauber.....	850,327	Apr. 16	3281	683	127	2500
Boot and shoe tree.....	F. G. Pabst.....	874,619	Apr. 24	4741	996	131	2027
Boot and shoe tree leg.....	G. E. Finquist.....	843,673	Feb. 12	1671	354	126	2246
Boot and shoe tree or expander.....	A. H. Powis.....	872,013	Nov. 26	3949	950	131	1031
Boot and shoe tree or stretcher.....	C. W. Evans.....	844,786	Feb. 19	4134	881	126	2892
Boot and shoe. Waterproof.....	H. F. Karth.....	857,072	June 18	3186	671	128	2574
Boot-bodies. Apparatus for making felted.....	H. C. Richardson.....	864,916	Sept. 3	243	65	130	76
Boot-calk.....	C. Pfeiffer. (Reissue).....	12,644	Apr. 30	7437	1560	127	3616
Boot-calks. Forming.....	H. K. Jones.....	862,641	Aug. 6	909	244	129	2366
Boot-cleaner.....	A. C. Houghton.....	852,955	May 7	1198	247	128	305
Boot-cleaner.....	R. J. Lloyd.....	864,316	Aug. 27	3439	957	129	3244
Boot-cleaner.....	A. C. Houghton.....	870,679	Nov. 12	1277	348	131	449
Boot cleaning and polishing outfit.....	A. J. Brooks.....	845,928	Mar. 5	1420	86	127	108
Boot-drying apparatus.....	S. B. Peabody.....	859,514	July 9	1841	496	129	650
Boot. Felt.....	A. H. Anderson.....	844,992	Feb. 19	4497	959	126	2983
Boot. Felt.....	J. P. Kline.....	870,037	Nov. 5	258	71	131	89
Boot-hook.....	J. Moore.....	862,986	Aug. 13	1426	388	129	2557
Boot machinery.....	W. Heaton.....	846,028	Mar. 5	629	132	127	162
Boot or shoe.....	F. W. Homan.....	870,783	Nov. 12	1453	394	131	505
Boot-puller.....	H. M. Paul.....	846,694	Mar. 12	1967	432	127	530
Boot, shoe, and other footwear.....	J. Grossman.....	856,291	July 9	1509	403	129	540
Boot tree and stretcher.....	F. A. MacKenzie.....	848,038	Mar. 26	4714	1028	127	1278
Boot. Wading.....	O. F. Glidden.....	848,821	Apr. 2	448	88	127	1700
Boots and shoes and leggings, &c. Fastening for.....	W. M. Malone.....	856,714	June 11	2512	516	128	2364
Boots and shoes and the like. Apparatus for applying wax to.....	G. H. Harlow.....	868,923	Oct. 22	2705	746	130	2211
Boots and shoes. Instep-supporter for.....	A. G. Gefvert.....	875,517	Dec. 31	6536	1363	131	2342
Boots and shoes. Long-tooth finder for cutters for edge-trimming machines for.....	G. E. Fuller.....	848,097	Mar. 26	4811	1050	127	1302
Boothack.....	W. S. Titus.....	872,095	Nov. 26	4124	986	131	1058
Booth. Election.....	W. H. H. Hill, Sr.....	867,371	Oct. 1	225	64	130	1381
Booth. Sleeping.....	E. Stempel.....	851,141	Apr. 23	4834	1019	127	2929

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Borate of hexamethyleneamin and making same	O. Mankiewicz, J. Altschul, and W. Urban.	869,636	Oct. 29	3840	.....	130	2589
Boring and reaming tool. Annular.....	B. Brownstein.....	851,399	Apr. 23	5394	1130	127	3071
Boring and sawing machine.....	M. Swintek.....	853,908	May 14	3123	640	128	831
Boring and turning mill.....	J. Riddell.....	873,787	Dec. 17	3018	640-1	131	1721
Boring apparatus.....	J. A. B. Tompkins and S. R. Hartwell.	852,586	May 7	437	80	128	115
Boring-bar.....	R. F. Lacey.....	847,788	Mar. 19	4159	908	127	1106
Boring-bar.....	W. Chase, Jr.....	871,031	Nov. 12	1847	506	131	627
Boring-bit.....	N. Staub.....	852,745	May 7	743	146	128	194
Boring cylinders. Apparatus for.....	G. H. Ward.....	865,548	Sept. 10	1243	353-4	130	406
Boring device.....	J. W. Cone and F. R. Miller.....	873,724	Dec. 17	2906	616-17	131	1700
Boring device. Cylinder.....	D. H. Rowe.....	865,533	Sept. 10	1222	348	130	400
Boring-machine.....	A. Collet.....	844,099	Feb. 12	2459	526	126	2440
Boring-machine.....	A. Y. Pearl.....	845,191	Feb. 26	4913	1041	126	3130
Boring-machine.....	C. Somers.....	846,870	Mar. 12	2318	509	127	621
Boring-machine.....	N. A. Collins.....	847,908	Mar. 19	4425	971	127	1169
Boring-machine.....	F. H. French.....	850,085	Apr. 9	2817	590	127	2338
Boring-machine.....	E. J. Wheeler.....	858,430	July 2	103	29-30	129	35
Boring-machine.....	M. L. Andrew.....	869,223	Oct. 29	3159	871.	130	2380
Boring-machine.....	E. C. Mueller.....	869,504	Oct. 29	3621	992	130	2523
Boring-machine.....	T. Leeland.....	874,090	Dec. 17	3688	776	131	1820
Boring-machine. Double.....	J. T. Towlesley.....	840,528	Jan. 8	1499	332	126	429
Boring machine. Post-hole.....	L. J. Van Kirk.....	865,457	Sept. 10	1083	309	130	359
Boring machine. Wood.....	B. M. Spratt.....	866,822	Sept. 24	3180	893	130	1093
Boring-mill.....	A. Wood.....	842,288	Jan. 29	5042	1076	126	1430
Boring or drilling machine.....	W. Topham.....	873,637	Dec. 10	2713	574	131	1638
Boring or milling cutters. Manufacturing.....	J. G. Matthews.....	848,112	Mar. 26	4835	1056	127	1307
Boring-tool.....	J. Dowling.....	847,742	Mar. 19	4071	890	127	1085
Boring-tool.....	A. Oleson.....	855,411	May 28	6079	1270	128	1648
Boring-tool.....	J. H. Johnson.....	858,293	June 25	5568	1191	128	3206
Boring-tool.....	A. Koontz.....	860,488	July 16	3329	912	129	1165
Boring-tool or auger.....	J. H. Dearholt.....	860,020	July 16	2639	717	129	938
Boring tool. Recess.....	M. Jungling.....	845,360	Feb. 26	5262	1116	126	3215
Bosh-plate.....	W. D. Berry.....	840,195	Jan. 1	817	179	126	218
Bosom stretcher and holder.....	J. Konseil.....	855,789	June 4	667	137	128	1865
Bottle.....	A. W. Richardson.....	841,896	Jan. 22	4241	913	126	1201
Bottle.....	E. Hamilton.....	842,652	Jan. 29	5831	1232	126	1635
Bottle.....	J. T. Clifford.....	842,768	Jan. 29	6105	1288	126	1700
Bottle.....	H. L. Clements.....	844,579	Feb. 19	3716	781	126	2785
Bottle.....	G. N. Hardesty.....	844,866	Feb. 19	4281	913	126	2929
Bottle.....	A. W. Hutchins.....	845,175	Feb. 26	4884	1036	126	3122
Bottle.....	J. C. Anderson.....	846,177	Mar. 5	926	196	127	235
Bottle.....	J. Hemingway.....	847,334	Mar. 19	3220	709	127	870
Bottle.....	W. Wilson.....	849,179	Apr. 2	1146	232	127	1881
Bottle.....	F. Hayden.....	349,899	Apr. 9	2506	517	127	2262
Bottle.....	C. E. Justison.....	850,015	Apr. 9	2684	563	127	2305
Bottle.....	F. Smith.....	850,067	Apr. 9	2781	585	127	2328
Bottle.....	J. H. Dunstan.....	850,741	Apr. 16	4090	855	127	2703
Bottle.....	C. B. Davis and A. T. Finch.....	851,617	Apr. 23	5820	1216	127	317
Bottle.....	H. A. Everest.....	852,426	May 7	31	7	128	10
Bottle.....	F. S. Tull.....	855,211	May 28	5730	1193	128	1560
Bottle.....	P. Feitu and J. Rebeyrolle.....	855,294	May 28	5881	1225	128	1599
Bottle.....	T. Taylor.....	856,002	June 4	1076	223	128	1966
Bottle.....	G. E. Nolan.....	856,543	June 11	2174	448	128	2278
Bottle.....	D. J. Higginbotham.....	857,460	June 18	3906	830	128	2753
Bottle.....	C. M. Niles.....	859,100	July 2	1209	325	129	408
Bottle.....	F. F. Schweg.....	860,337	July 16	3105	848	129	1091
Bottle.....	R. H. McCaughey.....	864,023	Aug. 20	2981	825	129	3076
Bottle.....	O. C. Roedler.....	864,563	Aug. 27	3860	1070	129	3380
Bottle.....	J. McGlynn.....	864,674	Aug. 27	4033	1119	129	3432
Bottle.....	E. H. Campbell.....	865,864	Sept. 10	1742	485	130	576
Bottle.....	H. Vincent.....	866,096	Sept. 17	2111	587	130	720
Bottle.....	D. F. Cripe.....	866,112	Sept. 17	2130	592	130	720
Bottle.....	H. S. Martcheyen.....	866,374	Sept. 17	2516	701	130	849
Bottle.....	G. H. Powell.....	866,682	Sept. 24	2962	839	130	1016
Bottle.....	J. C. Hizar.....	867,372	Oct. 1	225	64	130	1382
Bottle.....	C. B. Wiltse.....	868,516	Oct. 15	2040	573	130	1977
Bottle.....	D. J. Higginbotham.....	870,956	Nov. 12	1741	476	131	595
Bottle.....	J. C. Reeves.....	871,183	Nov. 19	2151	574	131	726
Bottle.....	J. Boyce.....	872,606	Dec. 3	601	127	131	1261
Bottle.....	G. G. Wuchner.....	872,880	Dec. 3	1183	252	131	1352
Bottle.....	M. B. Samuel.....	874,441	Dec. 24	4382	922	131	1969
Bottle.....	M. Müller.....	852,670	May 7	610	116-17	128	159
Bottle and glass washing apparatus.....	C. J. Daly.....	849,211	Apr. 2	1201	243-4	127	1896
Bottle and jar.....	F. A. Bird.....	856,840	June 11	2729	566	128	2419
Bottle and jar stopper or closure.....	T. Walters and J. B. Henderson.....	865,832	Sept. 10	1703	472	130	565
Bottle and the like.....	T. C. Booth.....	848,152	Mar. 26	4894	1068	127	1322
Bottle and the like closure.....	F. T. Robinson.....	854,845	May 28	4974	1035	128	1369
Bottle and the like closure.....	H. Campbell.....	857,596	June 25	4187	886	128	2855
Bottle. Antirefillable.....	W. R. Bell.....	866,564	Sept. 17	2766	773	130	926
Bottle. Antirefillable.....	J. B. Vaughn.....	863,476	Aug. 13	2166	586	129	2790
Bottle attachment.....	W. J. Gesell.....	845,247	Feb. 26	5232	1111	126	3207
Bottle attachment.....	G. T. Trommald.....	865,545	Sept. 10	1240	353	130	405
Bottle attachment.....	G. T. Trommald.....	868,524	Oct. 22	2559	706	130	2167
Bottle attachment. Ink.....	E. M. Case.....	872,711	Dec. 3	828	172	131	1297
Bottle attachment. Non-refilling.....	E. J. Clayton.....	870,932	Nov. 12	1703	467	131	583
Bottle-cap.....	A. G. Kaufman.....	851,424	Apr. 23	5438	1139	127	3083
Bottle-cap.....	E. Goldstein.....	858,174	June 25	5368	1142	128	3154
Bottle-cap. Combined metallic and frangible.....	F. T. Robinson.....	868,813	Sept. 24	3172	891	130	1090
Bottle-cap fastener.....	G. A. Williams.....	873,646	Dec. 10	2729	578	131	1641
Bottle-cap filling-machine.....	H. A. Olsson.....	872,079	Nov. 26	4094	980	131	1054
Bottle cap or closure.....	W. H. Niemeyer.....	872,672	Dec. 3	743	155	131	1285
Bottle cap or closure for bottles, jars, or other receptacles.....	E. Goldstein.....	874,670	Dec. 24	4844	1017	131	2044
Bottle-cap puller.....	A. C. Booth.....	847,892	Mar. 19	4397	965	127	1162
Bottle-capping machine.....	G. Kirkegaard.....	844,028	Feb. 12	2324	498	126	2408

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Bottle-capping machine.	G. Kirkegaard	844,144	Feb. 12	2541	545	126	2460
Bottle-capping machine.	G. Kirkegaard	846,218	Mar. 5	1006	216	127	255
Bottle-capping machine.	H. Müller and E. Zipprich	848,478	Mar. 26	5529	1205	127	1481
Bottle-capping machine.	O. S. Beyer	850,288	Apr. 16	3206	668-9	127	2478
Bottle-capping machine.	H. S. Brewington	859,912	July 16	2456	669	129	878
Bottle-capping machine.	H. S. Brewington	860,787	July 23	3805	1043-4	129	1352
Bottle-capping machine.	H. S. Brewington	861,705	July 30	5255	1444	129	1848
Bottle-capping machine.	R. Zastrow	862,530	Aug. 6	733	196	129	2311
Bottle-capping machine.	G. Kirkegaard	871,998	Nov. 26	3917	944	131	1026
Bottle-capping machine.	A. W. Cordes	873,022	Dec. 10	1508	315-16	131	1434
Bottle-capping-machine head.	G. Kirkegaard	873,245	Dec. 10	1937	406	131	1506
Bottle-carrier.	C. B. Hall	845,947	Mar. 5	453	94	127	116
Bottle-carrier for bottling establishments.	M. W. Norkewitz	860,936	July 23	4035	1104-5	129	1426
Bottle-case.	F. J. Sober	860,836	July 23	3879	1062	129	1377
Bottle-casing. Siphon.	L. P. Nash	860,316	July 16	3072	840	129	1080
Bottle-cleansing. Process of and apparatus for	E. Wagner	840,273	Jan. 1	971	211	126	262
Bottle-closure.	J. W. Zimmerman	839,977	Jan. 1	350	77	126	96
Bottle-closure.	J. P. Nikonow	841,426	Jan. 15	3288	709	126	925
Bottle-closure.	A. A. Cowles	841,668	Jan. 22	3753	815	126	1076
Bottle-closure.	J. T. Gilmer	842,145	Jan. 22	4725	1010	126	1318
Bottle-closure.	W. R. Warner	848,521	Mar. 26	5609	1227	127	1500
Bottle-closure.	J. B. Short	849,509	Apr. 9	1797	364	127	2082
Bottle-closure.	A. E. Batchelder	849,960	Apr. 9	2607	542	127	2287
Bottle-closure.	D. O. Lynch	850,437	Apr. 16	3504	732	127	2557
Bottle-closure.	F. H. Bills	850,613	Apr. 16	3835	801	127	2640
Bottle-closure.	E. J. Merrill and J. W. De Long	853,022	May 7	1340	279	128	340
Bottle-closure.	V. J. G. Freund	853,449	May 14	2172	451	128	591
Bottle-closure.	F. Dingman	853,775	May 14	2841	584	128	765
Bottle-closure.	J. Slonka	854,243	May 21	3816	788	128	1047
Bottle-closure.	V. J. G. Freund	856,342	June 11	1764	367	128	2174
Bottle-closure.	I. C. Dilks and J. Park, Jr.	860,737	July 23	3730	1022	129	1328
Bottle-closure.	F. W. H. Clay	860,964	July 23	4092	1121	129	1446
Bottle-closure.	F. W. H. Clay	862,307	Aug. 6	335	93	129	2187
Bottle-closure.	F. W. H. Clay	862,308	Aug. 6	337	93	129	2187
Bottle-closure.	W. F. Purcell	864,757	Aug. 27	4157	1154	129	3469
Bottle-closure.	T. L. Connors	866,435	Sept. 17	2591	723	130	874
Bottle-closure.	P. Doersch	869,963	Nov. 5	125	35	131	41
Bottle-closure.	J. S. Hawkins	870,030	Nov. 5	250	69	131	86
Bottle-closure.	A. Morehouse	870,243	Nov. 5	582	156	131	190
Bottle-closure.	C. R. Schmidt	871,364	Nov. 19	2548	655	131	788
Bottle-closure.	H. S. Brewington	872,403	Dec. 3	175	34	131	1195
Bottle-closure.	R. Koch	873,869	Dec. 17	3198	681	131	1749
Bottle-closure and seal.	C. Schönert and R. Schweitzer	868,225	Oct. 15	1576	448	130	1837
Bottle-corking machine.	F. Alexander	840,100	Jan. 1	615	133	126	162
Bottle. Drop-regulating.	A. Wilkin	847,218	Mar. 12	2997	660	127	787
Bottle. Dropping.	R. H. Ferguson	845,400	Feb. 26	5337	1132	126	3233
Bottle. Electrically-heated hot-water	H. W. Christian	849,368	Apr. 9	1496	304	127	2004
Bottle-filling apparatus.	J. C. A. Riecke	857,674	June 25	4327	915	128	2891
Bottle-filling machine.	J. Ramsey	841,442	Jan. 15	3311	716	126	931
Bottle-filling machine.	M. Hamburger	845,779	Mar. 5	94	18	127	28
Bottle-filling machine.	S. M. Heulings	849,735	Apr. 9	2184	450-1	127	2178
Bottle-filling machine.	W. J. Cunningham	863,363	Aug. 13	2020	544-5	129	2747
Bottle-filling machine.	K. Kiefer	865,395	Sept. 10	990	283-4	130	329
Bottle-filling machine. Cased.	T. L. Valerius	846,169	Mar. 5	914	193	127	233
Bottle-filling machines. Discharge-table for	C. L. Bastian	860,075	July 16	2722	741-2	129	965
Bottle for use in the army. Water-	N. Faichnie	866,779	Sept. 24	3115	876	130	1073
Bottle-forming apparatus.	A. Frederiksen	848,095	Mar. 26	4808	1049	127	1301
Bottle-handling apparatus.	T. D. Kyle and E. H. Waugh	851,425	Apr. 23	5440	1139	127	3083
Bottle-holder.	J. T. H. Paul	852,345	Apr. 30	7288	1531-2	127	3578
Bottle-holder.	A. Baumgarten	853,151	May 7	1561	324	128	394
Bottle-holder.	C. M. Hodson	853,362	May 14	2023	418	128	551
Bottle-holder.	J. Van Hall	856,114	June 4	1264	266	128	2012
Bottle-holder.	A. J. and E. A. Suhm	856,431	June 11	1976	407	128	2229
Bottle-holder. Barber's	J. W. B. Faris	873,933	Dec. 17	3310	707	131	1769
Bottle holder. Nursing.	J. E. Pettee	871,622	Nov. 19	3092	768	131	872
Bottle-indicating device.	J. Casaccia	873,410	Dec. 10	2282	476	131	1563
Bottle-indicator.	J. Collins	874,393	Dec. 24	4291	903	131	1953
Bottle indicator. Medicine.	A. R. Swone	844,054	Feb. 12	2376	509	126	2420
Bottle-lock.	F. E. S. De Mars	858,501	July 2	244	60	129	88
Bottle-locking attachment. Milk-	J. T. Rowley	862,587	Aug. 6	827	220	129	2340
Bottle-machines. Plunger for	R. Johns	856,067	June 4	1180	249-50	128	1991
Bottle. Mucilage.	L. H. Smith	856,496	June 11	2086	429	128	2257
Bottle. Mucilage.	C. E. Barrett	857,975	June 25	4963	1049	128	3052
Bottle. Mucilage.	R. Walton	872,268	Nov. 26	4461	1060	131	1114
Bottle-neck-forming machine.	J. C. Henderson	845,235	Feb. 26	5000	1063	126	3151
Bottle-necks. Machine for the automatic insertion of glass balls into	F. Wiesehomeier	852,590	May 7	444	81	128	118
Bottle. Non-refillable.	E. Weber	840,403	Jan. 1	1249	273	126	328
Bottle. Non-refillable.	H. Gehman and N. A. Giannone	840,453	Jan. 1	1339	297	126	349
Bottle. Non-refillable.	J. T. Gilmer	841,860	Jan. 22	4168	897	126	1186
Bottle. Non-refillable.	J. W. Woodard	842,050	Jan. 22	4524	973	126	1268
Bottle. Non-refillable.	J. B. Fowler	842,395	Jan. 29	5279	1121	126	1496
Bottle. Non-refillable.	F. W. Abbott	842,605	Jan. 29	5740	1213	126	1613
Bottle. Non-refillable.	P. J. Leonard	843,540	Feb. 5	1412	297	126	2145
Bottle. Non-refillable.	C. A. Grimm	844,348	Feb. 19	2989	640	126	2614
Bottle. Non-refillable.	J. Husser	844,727	Feb. 19	4006	853	126	2857
Bottle. Non-refillable.	L. E. L. Themke	845,015	Feb. 19	4559	970	126	2997
Bottle. Non-refillable.	R. Gatti	845,541	Feb. 26	5609	1188	126	3302
Bottle. Non-refillable.	H. N. Rothweiler	845,579	Feb. 26	5664	1200	126	3315
Bottle. Non-refillable.	C. Medley	846,333	Mar. 5	1215	269	127	307
Bottle. Non-refillable.	W. F. Fryckberg	848,165	Mar. 26	4915	1073	127	1328
Bottle. Non-refillable.	J. H. Barnes	848,529	Mar. 26	5621	1230	127	1503
Bottle. Non-refillable.	W. H. W. Jones	819,246	Apr. 2	1265	256	127	1911
Bottle. Non-refillable.	J. C. Uhlein	850,807	Apr. 16	4204	884	127	2732
Bottle. Non-refillable.	J. C. Uhlein	850,808	Apr. 16	4206	884	127	2733
Bottle. Non-refillable.	J. E. Duffy	851,620	Apr. 23	5824	1217	127	3176

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Bottle. Non-refillable.	M. P. Niendam	851,896	Apr. 30	6403	1337	127	3357
Bottle. Non-refillable.	G. V. Doherty	851,925	Apr. 30	6472	1349	127	3375
Bottle. Non-refillable.	A. B. Court	852,260	Apr. 30	7139	1495	127	3542
Bottle. Non-refillable.	H. O. McClurg	852,408	Apr. 30	7433	1560	127	3615
Bottle. Non-refillable.	A. Paroutaud	853,729	May 14	2758	567	128	742
Bottle. Non-refillable.	J. M. Stassart	853,939	May 14	3195	654	128	849
Bottle. Non-refillable.	M. A. Brown	855,690	June 4	474	99	128	1817
Bottle. Non-refillable.	J. D. Mitchell	855,800	June 4	684	140-1	128	1869
Bottle. Non-refillable.	F. W. Johnson	856,406	June 11	1928	497	128	2217
Bottle. Non-refillable.	E. C. Shilling	856,735	June 11	2551	524	128	2375
Bottle. Non-refillable.	I. I. Kremer	856,785	June 11	2639	543	128	2397
Bottle. Non-refillable.	G. Fraser	857,168	June 18	3367	710	128	2618
Bottle. Non-refillable.	L. S. Fenwick	857,231	June 18	3477	734	128	2647
Bottle. Non-refillable.	W. L. Schultz	857,366	June 18	3739	791	128	2712
Bottle. Non-refillable.	B. A. Chew	858,261	June 25	5519	1178	128	3193
Bottle. Non-refillable.	J. R. Holland and C. H. Buck	859,177	July 2	1331	354	129	448
Bottle. Non-refillable.	C. Giblin	859,877	July 9	2402	653	129	828
Bottle. Non-refillable.	H. B. Hopson	860,475	July 16	3314	908	129	1160
Bottle. Non-refillable.	W. L. Pefley	861,049	July 23	4224	1157	129	1486
Bottle. Non-refillable.	W. T. Harper	861,589	July 30	5079	1394	129	1797
Bottle. Non-refillable.	F. Grovatt and W. Temple	862,120	July 30	5905	1634	129	2048
Bottle. Non-refillable.	J. Spinelli	862,359	Aug. 6	412	113	129	2214
Bottle. Non-refillable.	J. D. Harriss	862,393	Aug. 6	478	128	129	2237
Bottle. Non-refillable.	W. K. Browne	862,537	Aug. 6	745	199	129	2315
Bottle. Non-refillable.	J. Burdick and C. A. Churchill	862,707	Aug. 6	1002	268-9	129	2392
Bottle. Non-refillable.	E. F. Branch	862,799	Aug. 6	1138	308	129	2431
Bottle. Non-refillable.	M. Perez	863,631	Aug. 20	2419	665	129	2900
Bottle. Non-refillable.	J. R. Hall	863,918	Aug. 20	2841	781	129	3034
Bottle. Non-refillable.	E. Hoerichs	864,130	Aug. 20	3154	873	129	3128
Bottle. Non-refillable.	L. H. Cortright	864,156	Aug. 27	3204	887-8	129	3172
Bottle. Non-refillable.	C. W. Wallace	864,712	Aug. 27	4088	1137	129	3449
Bottle. Non-refillable.	F. J. Davis	864,834	Sept. 3	112	31	130	36
Bottle. Non-refillable.	O. Johnson	865,251	Sept. 3	746	212	130	226
Bottle. Non-refillable.	J. M. Kirker	865,710	Sept. 10	1484	419	130	483
Bottle. Non-refillable.	E. R. Ramsden	865,939	Sept. 10	1849	520	130	608
Bottle. Non-refillable.	L. Arnavat, A. Mendez, and J. B. Fernandez	866,252	Sept. 17	2319	647	130	786
Bottle. Non-refillable.	J. W. Kennedy	866,477	Sept. 17	2651	740	130	892
Bottle. Non-refillable.	C. H. Stone	869,201	Oct. 22	3116	859	130	2340
Bottle. Non-refillable.	R. J. Patterson	869,390	Oct. 29	3429	944	130	2464
Bottle. Non-refillable.	A. E. Sutton	869,532	Oct. 29	3661	1003	130	2535
Bottle. Non-refillable.	E. L. Southwick	869,810	Oct. 29	4095	1131	130	2664
Bottle. Non-refillable.	C. A. Parker	870,312	Nov. 5	689	186	131	225
Bottle. Non-refillable.	A. Wicke	870,401	Nov. 5	848	225	131	279
Bottle. Non-refillable.	A. Jameson	871,276	Nov. 19	2352	612	131	758
Bottle. Non-refillable.	P. Harder	871,693	Nov. 19	3215	796	131	894
Bottle. Non-refillable.	H. C. Johnson and O. Steidel	871,702	Nov. 19	3228	799	131	890
Bottle. Non-refillable.	E. M. Card	871,780	Nov. 26	3407	837	131	953
Bottle. Non-refillable.	A. W. Swanberg	872,475	Dec. 3	341	70	131	1221
Bottle. Non-refillable.	W. E. Campbell and H. T. Inghram	872,644	Dec. 3	680	142	131	1275
Bottle. Non-refillable.	P. Dwyer and J. Ottmann	872,913	Dec. 3	1249	266	131	1363
Bottle. Non-refillable.	H. Mindermann	873,155	Dec. 10	1766	372	131	1478
Bottle. Non-refillable.	G. P. Vissas	873,472	Dec. 10	2384	502	131	1582
Bottle. Non-refillable.	H. O. McClurg	874,021	Dec. 17	3481	741	131	1797
Bottle. Non-refillable.	I. I. Kremer	874,211	Dec. 17	3922	826	131	1861
Bottle. Non-refillable.	H. W. E. Josling	874,683	Dec. 24	4869	1024	131	2048
Bottle. Non-refillable.	C. M. Conradson	875,157	Dec. 31	5836	1218	131	2227
Bottle. Nursing.	H. D. Singer	845,981	Mar. 5	529	110	127	137
Bottle. Nursing.	T. H. Cook	874,942	Dec. 31	5410	1130	131	2157
Bottle opener and stopper.	A. W. Stephens	848,576	Mar. 26	5717	1251	127	1527
Bottle or container. Cellular.	C. S. Jackson	854,357	May 21	4010	829	128	1098
Bottle or jar and the like.	J. Hurlimann	847,075	Mar. 12	2723	600	127	719
Bottle or jar closure. Milk and cream.	E. Braunfeldt	865,076	Sept. 3	494	136	130	150
Bottle or like article.	C. F. Marsh	842,219	Jan. 29	4897	1045	126	1395
Bottle or package. Non-refillable.	W. J. Higman	851,006	Apr. 23	4592	963	127	2870
Bottle. Poison.	D. and H. G. La Tremouille	853,887	May 14	3085	633	128	821
Bottle. Poison.	J. Banford	862,379	Aug. 6	443	120	129	2225
Bottle protector. Milk.	J. Grossman	845,777	Mar. 5	90	18	127	27
Bottle-resealing device	J. R. Scott	872,153	Nov. 26	4229	1009	131	1077
Bottle rinser and sterilizer	D. E. Shaw	869,333	Oct. 29	3344	919-20	130	2436
Bottle rinsing, spraying, and brushing mechanism.	C. H. Loew	839,864	Jan. 1	117	29	126	34
Bottle. Safety.	W. Wiegand and A. Braumers-reuther	840,031	Jan. 1	472	103	126	127
Bottle-scrubbing machine	W. Seidel	875,001	Dec. 31	5537	1156	131	2177
Bottle. Self-sealing	W. A. Miller and H. P. Roberts	864,248	Aug. 27	3340	925-6	129	3216
Bottle stand. Ink.	H. J. Baker	871,099	Nov. 19	1967	539	131	699
Bottle-stopper.	D. W. Whitaker	840,813	Jan. 8	2043	452	126	564
Bottle-stopper.	C. Radbruch	844,400	Feb. 19	3096	665	126	2639
Bottle-stopper.	G. Kirkegaard	845,646	Feb. 26	5804	1227	126	3349
Bottle-stopper.	A. B. Hamilton	846,467	Mar. 12	1509	336	127	412
Bottle-stopper.	A. W. Cordes	846,909	Mar. 12	2401	528	127	640
Bottle-stopper.	G. Kirkegaard	847,006	Mar. 12	2583	567	127	686
Bottle-stopper.	J. W. Lee	847,791	Mar. 19	4163	908	127	1107
Bottle-stopper.	G. Liessem and J. Bommer	847,994	Mar. 19	4606	1010	127	1211
Bottle-stopper.	F. Jebson	848,174	Mar. 26	4932	1077	127	1333
Bottle-stopper.	J. T. Sandman	848,569	Mar. 26	5706	1248	127	1525
Bottle-stopper.	H. Morgan	850,844	Apr. 16	4293	901	127	2756
Bottle-stopper.	E. C. Leach	851,990	Apr. 30	6608	1376	127	3409
Bottle-stopper.	A. E. Redlich	852,242	Apr. 30	7111	1488	127	3536
Bottle-stopper.	H. M. Gray	853,079	May 7	1436	300	128	364
Bottle-stopper.	M. Linker	853,097	May 7	1465	306	128	371
Bottle-stopper.	W. D. Wheat	853,195	May 7	1644	342	128	415
Bottle-stopper.	A. M. Edwards, Jr.	854,201	May 21	3735	772	128	1025
Bottle-stopper.	A. Westlake	855,917	June 4	928	192	128	1928
Bottle-stopper.	G. Kirkegaard	856,472	June 11	2046	420	128	2247

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Bottle-stopper	A. Peltier	859,577	July 9	1951	526	129	685
Bottle-stopper	M. Ryan	860,995	July 23	4151	1137	129	1464
Bottle-stopper	C. Tamplin	864,212	Aug. 27	3290	912	129	3200
Bottle-stopper	I. B. Coy	864,361	Aug. 27	3508	974	129	3267
Bottle-stopper	P. H. A. Leder and B. F. Schu- bert.	865,405	Sept. 10	1000	286	130	333
Bottle-stopper	M. Linker	865,406	Sept. 10	1001	286	130	333
Bottle-stopper	G. Hookham	868,784	Oct. 22	2493	687	130	2147
Bottle-stopper	J. J. Fraser	869,700	Oct. 29	3937	1085	130	2618
Bottle-stopper	J. A. Moller, Jr.	871,041	Nov. 12	1862	570	131	632
Bottle-stopper	J. Repetto	873,087	Dec. 10	1650	343	131	1457
Bottle-stopper	G. Kirkegaard	873,867	Dec. 17	3195	681	131	1748
Bottle-stopper	G. Kirkegaard	874,685	Dec. 24	4874	1025	131	2049
Bottle-stopper	E. M. Willis	875,397	Dec. 31	6311	1315	131	2303
Bottle-stopper	F. E. Clark	867,703	Oct. 8	720	201	130	1554
Bottle-stopper and stoppered bottle	F. E. Clark	867,793	Oct. 8	855	244	130	1596
Bottle-stopper and stoppered bottle	H. Bartow	850,722	Apr. 16	4059	818	127	2697
Bottle-stopper attachment	A. Walthe	857,695	June 25	4387	925-6	128	2907
Bottle-stopper, electrical fitting, and the like	C. M. Conradson	841,629	Jan. 15	3671	797	126	1023
Bottle-stopper fastener	C. J. Bailey	851,212	Apr. 23	3004	1052	127	2972
Bottle-stopper, India-rubber	H. P. Sinclair	859,784	July 9	2259	614	129	786
Bottle-stopper-locking device	G. B. Okey	859,055	June 11	2845	594	128	2446
Bottle stopper. Non-refillable	T. J. Fitzgerald	849,508	July 2	1151	307	129	391
Bottle stopper. Non-refillable	J. B. Short	849,508	Apr. 9	1792	364	127	2081
Bottle-stopper or cork extractor	M. C. Schweinert and H. P. Kraft	860,698	July 23	3673	1006	129	1310
Bottle stopper. Water-	H. N. and G. F. Balcom	861,697	July 30	5242	1441	129	1845
Bottle-stoppers. Device for attaching rubber disks to	W. R. Warner	852,360	Apr. 30	7328	1540	127	3589
Bottle. Syrup-	W. H. Hommel	839,930	Jan. 1	257	55	126	71
Bottle-tap	W. S. Ayling	869,154	Oct. 22	3054	843	130	2321
Bottle-top	F. Sochurek, Sr.	858,766	July 2	696	184	129	242
Bottle-tray	G. K. Watson	846,269	Mar. 5	1091	236	127	278
Bottle-washer	O. E. Thomas	852,471	May 7	175	31	128	53
Bottle-washer	H. C. Vogel	855,912	June 4	919	190	128	1926
Bottle-washing and scrubbing mechanism	W. Seidel	854,535	May 21	4340	897-8	128	1178
Bottle-washing apparatus	R. G. and K. K. Wright	850,199	Apr. 16	3053	639	127	2436
Bottle-washing apparatus	W. S. McKinney	861,307	July 30	4627	1265	129	1655
Bottle-washing machine	F. N. Young	841,299	Jan. 15	3044	659	126	861
Bottle-washing machine	F. N. Young	843,056	Feb. 5	421	92	126	1899
Bottle-washing machine	C. H. Loew	852,127	Apr. 30	6911	1443	127	3484
Bottle-washing machine	R. G. Nash	854,173	May 21	3672	759-60	128	1006
Bottle-washing machine	J. R. Amacker	855,036	May 28	5370	1116-17	128	1470
Bottle-washing machine	W. J. Cunningham	860,353	July 16	3125	855-6	129	1097
Bottle-washing machine	W. J. Cunningham	860,533	July 16	3394	932	129	1186
Bottle-washing machine	B. E. Luffoot	865,192	Sept. 3	652	185	130	198
Bottle-washing machine	H. W. Van Leir	865,217	Sept. 3	698	197	130	210
Bottle-washing machine	D. E. Shaw	867,310	Oct. 1	121	36-7	130	1351
Bottle-washing machine	P. D. Laible	870,730	Nov. 12	1360	372	131	477
Bottle-washing machine	G. W. Goehns	874,958	Dec. 31	5453	1140	131	2163
Bottle-washing-machine attachment	W. J. Cunningham	846,983	Mar. 12	2541	559	127	677
Bottle-washing-machine attachment	W. J. Cunningham	847,280	Mar. 12	3109	685	127	814
Bottle-washing machinery	E. T. Dixon	853,776	May 14	2842	585	128	765
Bottle-wire cutter	J. A. Goebler	853,969	May 21	3264	670	128	906
Bottle-wiring machine. Corked-	F. Graesser	861,971	July 30	5658	1569-71	129	1971
Bottle-wrapper machine	M. Costello	850,467	Apr. 16	3552	744	127	2569
Bottle-wrapper-making machine	J. N. Hahn	864,731	Aug. 27	4122	1144-5	129	3459
Bottles and similar articles. Apparatus for cleaning.	E. Weymar	843,423	Feb. 5	1153	242-3	126	2081
Bottles and the like. Cap for syrup-	J. S. Nash	872,671	Dec. 3	741	154	131	1285
Bottles and the like. Carrying and setting-up ma- chine for	H. J. Stiebel	875,009	Dec. 31	5550	1159-60	131	2179
Bottles and the like. Cleaning	E. Weymar	843,555	Feb. 5	1449	305-6	126	2154
Bottles and the like. Holder for coffee-	J. H. Janssen	865,644	Sept. 10	1386	393	130	453
Bottles and the like. Machine for washing	R. G. Nash	854,172	May 21	3670	758-9	128	1006
Bottles. Capping	H. L. Fulenwider, S. C. and W. G. Bond.	852,323	Apr. 30	7249	1524	127	3568
Bottles, &c. Closure for	J. W. Hull	849,243	Apr. 2	1261	255	127	1911
Bottles. Device for non-refillable	A. Herzog	853,084	May 7	1442	302	128	366
Bottles. Effecting the closure of	C. R. Schmidt	859,121	July 2	1244	333	129	420
Bottles. Guard for non-refillable	H. J. Mortensen	874,020	Dec. 17	3480	741	131	1797
Bottles, ink-wells, &c. Device for filling	C. A. M. Nystrom	872,536	Dec. 3	475	98	131	1240
Bottles, jars, and other receptacles. Closure for	J. V. Hull	855,782	June 4	657	134	128	1863
Bottles, jars, and other receptacles. Closure for	J. V. Hull	862,481	Aug. 6	638	171	129	2287
Bottles, jars, and other receptacles. Closure for	J. V. Hull	862,482	Aug. 6	640	172	129	2288
Bottles, jars, and the like. Closure for	J. A. Nee	852,519	May 7	278	51	128	76
Bottles, jars, &c. Closure for	M. Hofheimer	871,697	Nov. 19	3221	797	131	895
Bottles. Machine for applying caps to	S. W. Balch	860,513	July 16	3363	923-4	129	1176
Bottles. Machine for applying capsules to	E. W. Potts	840,710	Jan. 8	1854	408-9	126	519
Bottles non-refillable. Device for rendering	V. Clark	846,550	Mar. 12	1674	370	127	455
Bottles or the like. Cork for stoppering	H. W. Dawson	868,914	Oct. 22	2694	744	130	2208
Bottles. Shelving-tray for	C. Sandel	874,442	Dec. 24	4383	922	131	1969
Bottles. Support for drying medicine-	C. Lohmann	850,381	Apr. 16	3394	710	127	2529
Bottles. Valve for non-refillable	W. T. Solomon	845,136	Feb. 26	4806	1018	126	3103
Bottles. Valve mechanism for	D. H. Monks	844,733	Feb. 19	4016	855	126	2859
Bottled goods. Delivery-case for	N. Breakenridge	850,561	Apr. 16	3734	780	127	2616
Bottling-machine	R. Pfaff	852,977	May 7	1250	257	128	318
Bottling-machine	C. W. Elliott	856,135	June 4	1320	276	128	2026
Bottling-machine	J. R. Cobb	872,275	Nov. 26	4471	1062	131	1116
Bottling-machine. Liquid-	A. Schneider	863,884	Aug. 20	2786	766-7	129	3016
Bow-rest	W. J. Decker	875,052	Dec. 31	5633	1176	131	2193
Bowl	O. S. Atterholt	858,252	June 25	5504	1175	128	3190
Bowls and the like. Holder for	H. Siemund	850,499	Apr. 16	3625	758	127	2587
Bowling-alley	C. Lufsky	863,732	Aug. 20	2549	705	129	2942
Bowling-alley	C. Lufsky	873,252	Dec. 10	1959	409	131	1508
Bowling-alley attachment	W. R. A. Ball	848,619	Apr. 2	4	1	127	1585
Bowling-alley ball-returning mechanism	E. Powers	851,559	Apr. 23	5700	1194	127	3143
Bowling-alley pin-setting apparatus	E. E. Heath	857,939	June 25	4863	1029	128	3025

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Bowling-ball.....	S. G. Wilson.....	863,126	Aug. 13	1661	445	129	2633
Bowling-ball.....	E. A. Schenk.....	864,745	Aug. 27	4142	1150	129	3465
Bowling-pin.....	F. M. Wood, G. S. Littlefield, and F. W. Philbrick	846,372	Mar. 5	1291	284	127	325
Bowling-pin-setting apparatus.....	J. M. Stokes.....	858,229	June 25	5468	1166-7	128	3181
Box:							
See Adjusting-box.	Magnet-box.						
Ammunition-box.	Mail-box.						
Annealing-box.	Mail-carrier box.						
Axle-box.	Mail-receiving box.						
Ballot-box.	Match-box.						
Ballot and distributor	Match-dispensing box.						
box.	Metal-covered box.						
Bearing-box.	Meter-box.						
Boiler fire-box.	Miter-box.						
Branch box.	Mold-box.						
Brick-press box.	Money-box.						
Car sand-box.	Nest-box.						
Cartridge-box.	Nesting and brooding						
Cigar-box.	box.						
Cigar-moistening box.	Non-refillable box.						
Cigar-pressing box.	Outlet-box.						
Cigarette-box.	Outlet or junction box.						
Coin-counting box.	Packing-box.						
Cold-storage box.	Paper box.						
Collapsible box.	Patrol-station box.						
Conduit-box.	Piling-box.						
Core-box.	Plant-box.						
Cracker-box.	Police patrol-box.						
Curb-box.	Postal box.						
Cylindrical box.	Powder-box.						
Dispensing-box.	Puzzle-box.						
Display-box.	Resistance-box.						
Expression-box.	Sand-box.						
Fare-box.	Service entrance-box.						
Feed-box.	Shaft-box.						
File-box.	Sheet-metal box.						
Filing-box.	Shipping-box.						
Fire-box.	Shipping and display						
Fire-alarm box.	box.						
Foldable box.	Smoke-box.						
Folding box.	Soap-box.						
Fruit-box.	Sound-box.						
Fudge-box.	Squib-box.						
Furnace fire-box.	Starting-box.						
Fuse-box.	Stationery-box.						
Game-box.	Stuffing-box.						
Gas-seal box.	Suction-box.						
Graphophone-box.	Switch-box.						
Hat-box.	Talking-machine						
Ice-box.	sound-box.						
Jewelry-box.	Telephone switch-box.						
Joke-box.	Ticket-box.						
Journal-box.	Ticket-receiving box.						
Junction-box.	Tobacco-box.						
Junction or connecting	Tobacco and match						
box.	box.						
Junction or outlet box.	Toilet-box.						
Kiln fire-box.	Toll-box.						
Knockdown box.	Turpentine-box.						
Letter-box.	Wagon-box.						
Loom shuttle-box.	Watch-movement box.						
Lunch-box.	Work-box.						
Box.....	J. H. Williamson.....	840,277	Jan. 1	985	214	126	265
Box.....	J. H. Thiel.....	845,596	Feb. 26	5694	1207	126	3322
Box.....	J. D. Burns.....	847,314	Mar. 19	3177	699	127	860
Box.....	T. G. Palmer.....	850,095	Apr. 9	2838	594	127	2342
Box.....	E. A. G. Bierwirth.....	851,056	Apr. 23	4693	987	127	2896
Box.....	C. M. Keefe.....	851,357	Apr. 23	5310	1112	127	3049
Box.....	O. C. Schulz.....	852,458	May 7	147	26	128	45
Box.....	S. Bachmann.....	855,746	June 4	591	122	128	1848
Box.....	F. H. G. Morse.....	856,281	June 11	1626	338	128	2139
Box.....	J. A. Douglas.....	862,722	Aug. 6	1028	275	129	2400
Box.....	W. Straub.....	865,280	Sept. 3	789	226	130	238
Box.....	R. C. Totzke.....	867,171	Sept. 24	3713	1051	130	1259
Box.....	J. C. Barry.....	869,156	Oct. 22	3056	843	130	2322
Box.....	F. E. Ward.....	870,398	Nov. 5	844	224	131	278
Box.....	J. E. Smith.....	871,452	Nov. 19	2758	695	131	817
Box.....	R. G. Inwood and P. C. Laven- berg. (Reissue.)	12,725	Nov. 26	4566	1080	131	1131
Box.....	A. Merckens.....	874,099	Dec. 17	3700	779	131	1822
Box.....	A. Merckens.....	874,100	Dec. 17	3701	779	131	1823
Box.....	S. W. Helm.....	874,337	Dec. 17	4171	878	131	1902
Box.....	C. C. Mengel.....	875,276	Dec. 31	6064	1266	131	2265
Box and closure thereof	P. Mettmann.....	869,924	Nov. 5	68	21	131	24
Box-blank machine	E. Craig.....	864,955	Sept. 3	304	80-2	130	97
Box-closure	J. P. Nikonow.....	863,427	Aug. 13	2101	566	129	2772
Box cover, Comb-carrying-	W. Lossing.....	853,101	May 7	1473	307	128	372
Box-cover-detaching device.	E. S. Savage.....	847,374	Mar. 19	3317	727	127	894
Box-cover fastener.	J. W. Young.....	860,007	July 16	2623	713	129	933
Box-cover lifter	R. L. Tudor.....	874,043	Dec. 17	3538	753	131	1805
Box-cover lifter. Sheet-metal-	L. F. Hirsh.....	870,513	Nov. 5	1009	275	131	326
Box-cover opener.	J. Johnston.....	854,893	May 28	5098	1059	128	1402
Box cover, Service-	H. P. Martin.....	862,746	Aug. 6	1071	288	129	2410
Box-covering blank.	J. S. Stokes.....	845,205	Feb. 26	4943	1049	126	3137
Box-covering machine.	J. Alger.....	851,052	Apr. 23	4683	984-5	127	2894

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Box-covering machine	P. S. Smith	862,290	Aug. 6	302	85	129	2176
Box-covering machine	P. S. Smith	862,357	Aug. 6	402	111-12	129	2209
Box-covering machine	J. G. Beattie, J. Huether, and J. E. Martin	863,579	Aug. 20	2325	637-8	129	2867
Box-covering machines. Cover-applying element for	C. A. Garrett	872,925	Dec. 3	1262	270	131	1366
Box-covering machines. Cutting attachment for	M. D. Knowlton	858,078	June 25	5183	1098-9	128	3107
Box-ending machine. Automatic	P. L. Smith	852,083	Apr. 30	6809	1418-20	127	3460
Box-fastener	G. A. Prather	846,246	Mar. 5	1052	226	127	268
Box-fastener	C. H. Veeder	850,195	Apr. 16	3045	637	127	2434
Box-fastener	W. Tisch	857,217	June 18	3456	729	128	2642
Box-fastener	R. Helmer and W. F. Stute, Jr.	863,920	Aug. 20	2843	781	129	3035
Box-fastener	D. J. Fisher	864,363	Aug. 27	3510	975	129	3267
Box-fastener	E. F. Hulbert	866,585	Sept. 17	2800	784	130	998
Box-fastener	F. S. Johnson	869,908	Nov. 5	51	15	131	18
Box-fastener	L. B. Prahar	871,627	Nov. 19	3105	771	131	874
Box-fastener and seal therefor	G. H. Maas	866,944	Sept. 24	3357	949	130	1146
Box-fastener. Seal	C. A. Schaad	849,269	Apr. 2	1305	265	127	1921
Box-filling machine	A. L. F. Mitchell	860,877	July 23	3944	1080-2	129	1397
Box-filling machine	A. L. F. Mitchell	870,895	Nov. 12	1628	445-7	131	558
Box-folding machine	C. W. Rockie and A. M. Meredith ..	866,601	Sept. 17	2826	792-3	130	945
Box for candy and other articles	P. R. Warren	872,594	Dec. 3	583	121	131	1257
Box-handle	N. L. Barmore	849,358	Apr. 9	1482	301	127	2000
Box-lid fastening	J. W. Evans	868,334	Oct. 15	1757	496	130	1891
Box-lid holder	J. C. Feldman	846,021	Mar. 5	619	129	127	159
Box-lid holder	H. E. Feldman	860,648	July 23	3601	987	129	1287
Box-machine	G. A. Barnes	860,845	July 23	3889	1065-6	129	1380
Box machine. Berry	J. E. Lynam	862,085	July 30	5839	1620-1	129	2029
Box-machines, &c. Gripping attachment for	H. M. Wrigley and J. Aspenleiter ..	842,290	Jan. 29	5045	1076	126	1431
Box-making apparatus	W. D. Smith, G. L. and A. P. Machris ..	858,833	July 2	825	214	129	285
Box-making apparatus. Cardboard	K. Gossweiler	861,970	July 30	5657	1569	129	1971
Box-making machine	F. R. Harris	846,410	Mar. 5	1376	302-6	127	349
Box-making machine	W. Robinson	865,530	Sept. 10	1214	346-7	130	399
Box-making machine	J. P. Payne	872,195	Nov. 26	4312	1029-30	131	1091
Box-making machine. Berry	J. E. Lynam	860,398	July 16	3198	874-6	129	1121
Box mold. Rough	L. Roehr	859,112	July 2	1223	329	129	413
Box-nailing press	H. A. and G. S. Bassford	841,613	Jan. 15	3646	792	126	1017
Box-opener	J. Marshall	846,438	Mar. 5	1449	322	127	366
Box-opener, nail-puller, and hammer. Combined	J. L. Riley	850,968	Apr. 23	4530	948	127	2854
Box-opening device	J. E. Lee	856,964	June 11	2959	620	128	2475
Box or crate machine	L. D. Rigg	871,957	Nov. 26	3792	921	131	1012
Box or receptacle	W. I. Tuttle	853,844	May 14	2984	613	128	797
Box-setting-up machine	J. E. Erickson	875,164	Dec. 31	5845	1220-1	131	2229
Box-shaping machine. Veneer	S. E. Wrenn and D. Martin	865,468	Sept. 10	1101	314	130	364
Box-strapping. Apparatus for making	E. S. Norton	870,195	Nov. 5	506	138-9	131	165
Box-strapping reel	E. B. Dunn	862,319	Aug. 6	352	97	129	2194
Boxes by punching. Apparatus for the manufacture of pasteboard	H. M. P. Catoire and J. A. M. Marret ..	874,831	Dec. 24	5147	1084	131	2096
Boxes, cases, and similar receptacles in place. Device for holding the lids of	A. D. Bentley	871,561	Nov. 19	2991	746	131	854
Boxes from pasteboard. Dies for forming	J. Godfrey	858,172	June 25	5365	1141	128	3153
Boxes from pasteboard. Making	J. Godfrey	858,173	June 25	5367	1141	128	3154
Boxes from pasteboard or the like. Machine for manufacturing	F. Fettback	845,071	Feb. 26	4674	993	126	3066
Boxes. Machine for attaching fabric to	W. Kahle	853,883	May 14	3074	631	128	819
Boxes. Machine for attaching fabric to	W. Kahle	859,946	July 16	2510	681-2	129	894
Boxes. Machine for making paper-board	A. M. Burnside	858,948	July 2	994	259	129	340
Boxes. Machine for use in making wire-bound	J. J. Miller	840,703	Jan. 8	1836	404-6	126	513
Boxes. Press for pressing lids on	A. McHenry	840,236	Jan. 1	908	198	126	246
Boxing-machine	B. W. Tucker	851,263	Apr. 23	5111	1075-7	127	2998
Brace:							
See Bed-brace.	Post-brace.						
Bit-brace.	Rail-brace.						
Body-brace.	Railway-brace.						
Car-brace.	Railway-rail brace.						
Coaster-brace.	Ratchet-brace.						
Corner-brace.	Shoulder-brace.						
Drill-brace.	Stage-brace.						
Fence-post brace.	Vehicle-brace.						
Hand-brace.	Vehicle-body brace.						
Heel-sweep brace.	Vehicle-seat brace.						
Knee-brace.	Wall-brace.						
Ladder-brace.	Wheel-brace.						
Mouth-brace.							
Brace	J. Holley	853,243	May 14	1766	367	128	480
Brace and stretcher. Combined	W. Johnson	855,641	June 4	376	78	128	1790
Brace-block	H. Kamerzel and C. W. Schofield ..	843,948	Feb. 12	2187	467	126	2375
Brace for roundabouts	J. W. Armitage	850,411	Apr. 16	3444	722	127	2542
Brace for roundabouts and analogous structures	A. Herschell	850,431	Apr. 16	3483	729	127	2552
Brace for roundabouts and analogous structures	E. O. Spillman	850,449	Apr. 16	3524	737	127	2562
Bracelet	B. Peterson	840,864	Jan. 8	2148	475	126	589
Bracelet	F. G. Hodges	841,865	Jan. 22	4175	899	126	1188
Bracelet	R. C. Castiglioni	842,625	Jan. 29	5781	1221	126	1623
Bracelet	J. Bulova	842,935	Feb. 5	191	43	126	1837
Bracelet	E. F. Wilde	843,188	Feb. 5	718	149	126	1974
Bracelet	F. E. Crain	843,195	Feb. 5	739	152	126	1982
Bracelet	W. Wallenthin	843,243	Feb. 5	831	172	126	2005
Bracelet	T. D. Giguere	843,888	Feb. 12	2066	442	126	2344
Bracelet	I. M. Sylvester	849,755	Apr. 9	2234	458	127	2193
Bracelet	A. G. Pearce	851,373	Apr. 23	5340	1119	127	3056
Bracelet	I. R. Lederer	873,873	Dec. 17	3202	682	131	1750
Bracelet-band	T. S. Bennett	870,076	Nov. 5	315	87	131	106
Bracelet-band	T. S. Bennett	870,077	Nov. 5	316	87	131	106
Bracelet-catch	W. Wallenthin	841,909	Jan. 22	4258	917	126	1205
Bracelet, chain, and the like	A. C. Cockren	847,554	Mar. 19	3670	810	127	988
Bracelet. Extensible	A. D. Crosby	841,633	Jan. 15	3677	798	126	1025

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Bracelet-joint.....	N. C. Wallenthin.....	868,734	Oct. 22	2422	670	130	2124
Bracelet-joints. Manufacturing.....	C. Wriggins.....	857,373	June 18	3751	794	128	2715
Bracelet-locket.....	L. E. Sadler.....	840,871	Jan. 8	2166	478	126	593
Bracelets and similar articles. Mechanism for manufacturing tubular	M. Miller and E. Morris.....	859,317	July 9	1549	413	129	557
Bracket:							
<i>See</i> Adjustable bracket.	Pipe-bracket.						
Boiler-bracket.	Scaffold-bracket.						
Builder's bracket.	Scaffolding-bracket.						
Cabinet-bracket.	Shade-bracket.						
Canopy-bracket.	Shade and curtain						
Clothes-line bracket.	bracket.						
Curtain-bracket.	Shade and curtain-rod						
Curtain and shade	supporting bracket.						
bracket.	Shade-roll bracket.						
Curtain-rod-support-	Shade-roller bracket.						
ing bracket.	Shelf-bracket.						
Curtain-supporting	Shelf-supporting						
bracket.	bracket.						
Dental bracket.	Shingling-bracket.						
Electric-light bracket.	Spouting-bracket.						
Extension-bracket.	Supporting-bracket.						
Headlight-bracket.	Suspension-bracket.						
Hoisting-bracket.	Trolley-bracket.						
Lamp-bracket.	Wagon-bracket.						
Mirror-bracket.	Window-bracket.						
Bracket.....	R. Kent.....	840,773	Jan. 8	1976	436	126	548
Bracket.....	G. H. Dörken.....	841,131	Jan. 15	2718	593	126	780
Bracket.....	R. H. Quick.....	841,716	Jan. 22	3854	838	126	1103
Bracket.....	T. C. Best.....	844,494	Feb. 19	3286	708	126	2687
Bracket.....	A. A. Ficener.....	846,022	Mar. 5	619	129	127	159
Bracket.....	C. P. Patrick.....	848,044	Mar. 26	4725	1030	127	1280
Bracket.....	H. T. Holland.....	849,398	Apr. 9	1557	315	127	2021
Bracket.....	J. Hilbert.....	852,179	Apr. 30	6996	1460	127	3506
Bracket.....	F. B. Soucey.....	855,354	May 28	5980	1248	128	1624
Bracket.....	A. Larsson.....	859,454	July 9	1755	469	129	622
Bracket.....	L. Kahn and R. Christ.....	864,847	Sept. 3	135	37	130	42
Bracket.....	D. McIntyre.....	871,137	Nov. 19	2061	557	131	711
Bracket.....	L. Nolan.....	871,615	Nov. 19	3082	766	131	870
Bracket and support therefor	J. Knape.....	844,367	Feb. 19	3029	647	126	2624
Braid-packet.....	C. L. Meyers.....	857,293	June 18	3602	762	128	2679
Braids and trimmings. Machine for making	J. E. Kirberg.....	844,027	Feb. 12	2322	497-8	126	2407
Braiding-machine.....	E. Anchel.....	840,414	Jan. 1	1267	277	126	332
Braiding-machine.....	A. Mann.....	844,377	Feb. 19	3049	652-3	126	2628
Braiding-machine.....	J. E. Kirberg.....	847,005	Mar. 12	2579	567	127	685
Braiding-machine.....	E. F. Parks and S. W. Wardwell.....	851,204	Apr. 23	4991	1048-50	127	2969
Braiding-machine.....	R. C. Rahm.....	856,985	June 11	3002	631	128	2485
Braiding-machine.....	J. Lundgren.....	858,735	July 2	645	170-1	129	222
Braiding-machine.....	A. Attenborough.....	861,694	July 30	5234	1438-40	129	1843
Braiding-machine.....	H. J. Quambusch.....	861,897	July 30	5548	1531	129	1937
Braiding-machine.....	V. Beauregard.....	862,436	Aug. 6	554	147-8	129	2262
Braiding-machine.....	F. Thun.....	871,004	Nov. 12	1814	494-5	131	617
Braiding-machine.....	A. Le Blanc.....	875,190	Dec. 31	5902	1230-1	131	2238
Braiding-machine carrier.	F. Duenkel.....	856,946	June 11	2919	612	128	2463
Braiding-machines. Change-gearing for	H. Janssen.....	873,698	Dec. 10	2827	602-3	131	1658
Braiding-machines. Drive and stop mechanism for.	H. Janssen.....	852,722	May 7	703	136	128	185
Brake:							
<i>See</i> Aerial-navigation	Locomotive-brake.						
brake.	Machine-brake.						
Air-brake.	Magnetic brake.						
Automatic brake.	Musical-instrument						
Automobile-brake.	brake.						
Automobile emergency-	Progressive brake.						
brake.	Power-brake.						
Back-pedaling brake.	Rail-brake.						
Band-brake.	Rail magnetic brake.						
Bicycle-brake.	Railway-brake.						
Car-brake.	Railway-vehicle						
Car emergency-brake.	brake.						
Car track-brake.	Retaining-brake.						
Car wheel-brake.	Section-brake.						
Coaster-brake.	Sled-brake.						
Compound brake.	Sleigh-brake.						
Electric brake.	Steam-brake.						
Elevator-brake.	Truck-brake.						
Emergency-brake.	Vehicle-brake.						
Engine-brake.	Vehicle emergency-						
Fluid brake.	brake.						
Fluid-pressure brake.	Vehicle friction-brake.						
Hemp-brake.	Wagon-brake.						
Hoist-brake.	Wheel-brake.						
Hoisting-machine brake.							
Brake.....	C. N. Frey.....	840,837	Jan. 8	2090	463	126	575
Brake.....	H. C. Neale.....	840,951	Jan. 8	2334	512-13	126	637
Brake.....	V. B. Lamb.....	841,694	Jan. 22	3812	830	126	1092
Brake.....	V. B. Lamb.....	841,695	Jan. 22	3816	830	126	1094
Brake.....	H. J. Dohrer.....	846,457	Mar. 12	1491	331	127	407
Brake.....	V. Lamb.....	846,481	Mar. 12	1532	340	127	418
Brake.....	E. V. Wheelchel.....	849,302	Apr. 2	1366	275	127	1935
Brake.....	V. Lamb.....	850,436	Apr. 16	3500	732	127	2555
Brake.....	W. H. Lewis.....	851,892	Apr. 30	6394	1335	127	3355
Brake.....	R. Falter.....	852,659	May 7	580	110	128	151
Brake.....	L. S. Watres.....	853,848	May 14	2991	614-15	128	799
Brake.....	R. W. Bainbridge.....	855,271	May 28	5836	1217	128	1589
Brake.....	P. X. Beaulieu.....	862,792	Aug. 6	1129	306	129	2428
Brake.....	M. Levin.....	862,829	Aug. 6	1198	322	129	2449

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Brake.....	N. J. Clute.....	863,359	Aug. 13	2012	542	129	2745
Brake.....	O. M. Gould.....	873,367	Dec. 10	2204	459	131	1548
Brake.....	J. H. Meredith.....	874,857	Dec. 24	5197	1096	131	2104
Brake-actuating appliance to operate when a vehicle leaves the track in railways.	G. S. Morison.....	869,795	Oct. 29	4076	1125	130	2658
Brake and brake-rod operating device.	G. W. Barlow.....	840,193	Jan. 1	813	178	126	217
Brake and buffer.....	F. Möller.....	857,651	June 25	4289	906	128	2882
Brake and other rods. Separable jaw for.	J. Van Dyke.....	850,859	Apr. 16	4325	907	127	2765
Brake and steering-knuckle. Combined	J. E. Landry.....	875,358	Dec. 31	6235	1301	131	2290
Brake apparatus. Fluid-pressure.	C. H. Ferguson.....	872,116	Nov. 26	4158	994	131	1065
Brake apparatus. High-speed.	J. W. Cloud.....	854,803	May 28	4885	1014-15	128	1345
Brake apparatus. Load	C. C. Farmer.....	854,816	May 28	4918	1021	128	1354
Brake apparatus. Load	H. T. Herr.....	863,849	Aug. 20	2735	753	129	3002
Brake-beam.....	J. B. Barnes.....	846,819	Mar. 12	2218	486	127	594
Brake-beam.....	E. D. Bronner.....	847,156	Mar. 12	2857	630	127	752
Brake-beam.....	C. A. Lindström.....	847,671	Mar. 19	3930	857	127	1053
Brake-beam.....	J. H. Baker.....	850,335	Apr. 16	3304	687	127	2507
Brake-beam.....	L. E. Keller.....	858,457	July 2	140	38	129	47
Brake-beam.....	N. H. Davis.....	863,157	Aug. 13	1707	459	129	2647
Brake-beam.....	N. H. Davis.....	863,158	Aug. 13	1708	459	129	2647
Brake-beam.....	J. H. Baker.....	867,184	Sept. 24	3749	1058-9	130	1270
Brake-beam.....	C. A. Lindström.....	870,186	Nov. 5	487	133	131	159
Brake-beam fulcrum and manufacture	E. I. Dods.....	860,966	July 23	4094	1121-2	129	1447
Brake-beam fulcrums. Forming	F. W. Baumann.....	843,659	Feb. 12	1646	349	126	2240
Brake-block.....	W. O. Blair and M. J. Scanlan	870,711	Nov. 12	1326	363	131	467
Brake construction.....	V. Lamb.....	856,266	June 11	1588	333	128	2128
Brake-control system.....	L. A. Hawkins.....	843,749	Feb. 12	1804	384	126	2280
Brake-cylinder.....	W. K. Rankin.....	872,369	Dec. 3	111	21	131	1184
Brake-gear. Hydraulic.	L. J. Crecelius.....	860,640	July 23	3587	983-4	129	1283
Brake-hanger. Automatic	S. M. Curwen.....	852,933	May 7	1158	238	128	294
Brake-head. Adjustable	N. H. Davis.....	863,267	Aug. 13	1881	507	129	2701
Brake-head. Adjustable	C. E. Bauer and F. L. Susemihl	868,623	Oct. 15	2232	619-20	130	2041
Brake head and shoe	C. P. Smith.....	856,186	June 4	1417	300	128	2049
Brake-lever.....	E. M. Akers.....	841,842	Jan. 22	4130	890	126	1176
Brake-lever.....	J. G. Lohner.....	853,248	May 14	1774	368	128	483
Brake-lever.....	J. C. Orrison.....	866,805	Sept. 24	3157	888	130	1085
Brake-leverage system	G. Macloskie.....	872,661	Dec. 3	723	150	131	1281
Brake-lock. Wagon	L. Allenbrand.....	864,353	Aug. 27	3496	972	129	3264
Brake mechanism.....	A. F. Rockwell.....	842,248	Jan. 29	4956	1057-8	126	1408
Brake mechanism.....	G. S. Blake.....	857,150	June 18	3328	701	128	2608
Brake mechanism.....	W. H. Douglas.....	864,625	Aug. 27	3958	1098	129	3408
Brake mechanism.....	A. P. Brush.....	866,328	Sept. 17	2443	682	130	825
Brake mechanism.....	R. J. McIntyre.....	867,400	Oct. 1	260	75-6	130	1392
Brake mechanism.....	P. X. Beaulieu.....	869,157	Oct. 22	3057	844	130	2322
Brake mechanism.....	K. Rushton.....	873,459	Dec. 10	2357	495	131	1578
Brake mechanism.....	F. Sedziak.....	873,905	Dec. 17	3256	695	131	1760
Brake mechanism. Beamless-	J. B. McKiel.....	867,401	Oct. 1	260	76	130	1393
Brake mechanism. Fluid-	W. H. Daily.....	860,789	July 23	3814	1045-6	129	1356
Brake mechanism for railway and other vehicles	H. E. Brown.....	864,120	Aug. 20	3138	868-9	129	3124
Brake mechanism for railway and other vehicles	H. E. Brown.....	864,121	Aug. 20	3140	869-70	129	3124
Brake mechanism. Ratchet.	J. M. Bosenbury.....	855,876	June 4	840	174	128	1906
Brake-operating attachment	H. L. Witherell.....	873,113	Dec. 10	1695	353-4	131	1465
Brake-operating mechanism	R. H. Nicholson.....	841,038	Feb. 12	2342	501-2	126	2412
Brake-operating mechanism	G. C. Wortman.....	870,707	Nov. 12	1320	361	131	464
Brake-rigging.....	J. A. Lightbody.....	842,474	Jan. 29	5470	1159	126	1549
Brake-rigging.....	A. Parker-Smith.....	860,320	July 16	3076	842	129	1082
Brake-rod.....	L. A. Hoerr.....	841,781	Jan. 22	3997	803	126	1140
Brake-rod adjuster	W. C. North.....	864,320	Aug. 27	3458	963	129	3251
Brake-rod jaw.....	W. Stevenson.....	861,775	July 30	5369	1481	129	1883
Brake-setting device. Friction-	F. Kratzer.....	867,054	Sept. 24	3533	1001	130	1201
Brake-shafts. Holding and releasing mechanism for.	A. Miller.....	841,091	Jan. 8	2617	572-3	126	710
Brake-shoe.....	E. Dettelbach.....	843,523	Feb. 5	1377	290	126	2137
Brake-shoe.....	J. J. Newbaker.....	846,755	Mar. 12	2087	457	127	561
Brake-shoe.....	C. W. Booth.....	849,722	Apr. 9	2169	446	127	2175
Brake-shoe.....	W. G. Grant.....	854,733	May 28	4742	986	128	1309
Brake-shoe.....	S. A. Crone.....	854,985	May 28	5252	1094	128	1440
Brake-shoe.....	J. J. Tatum.....	856,188	June 4	1419	300	128	2050
Brake-shoe.....	J. D. Gallagher.....	858,067	June 25	5165	1093-4	128	3103
Brake-shoe.....	W. S. Weston.....	858,493	July 2	223	52-3	129	83
Brake-shoe.....	F. K. Caswell.....	860,279	July 16	3010	824	129	1060
Brake-shoe.....	J. S. Thompson.....	861,556	July 30	5033	1382	129	1783
Brake-shoe.....	J. Stromeyer and W. W. Morton.	866,085	Sept. 17	2091	581	130	714
Brake-shoe.....	J. D. Gallagher.....	871,394	Nov. 19	2628	672	131	798
Brake-shoe.....	F. R. Spear.....	871,740	Nov. 19	3297	815	131	908
Brake-shoe.....	W. E. De Voe.....	874,663	Dec. 24	4832	1014	131	2042
Brake-shoe.....	C. J. Egler.....	875,249	Dec. 31	6012	1254	131	2257
Brake-shoe adjuster.....	J. S. Ashworth.....	845,504	Feb. 26	5539	1174	126	3284
Brake shoe and head. Separable	C. A. Remelius.....	854,761	May 28	4806	998	128	1325
Brake-shoe attachment for automobiles, &c.	J. O'Leary.....	851,432	Apr. 23	5451	1142	127	3086
Brake-shoe. Composite.	D. O. Ward.....	846,707	Mar. 12	1983	436	127	533
Brake-shoe hanger.....	W. G. Price.....	872,541	Dec. 3	483	101	131	1241
Brake-shoe head.....	J. H. Baker.....	867,183	Sept. 24	3748	1057-8	130	1269
Brake-shoe key.....	D. H. Fairbanks.....	854,475	May 21	4233	876	128	1153
Brake-shoe mounting.....	V. Lamb.....	848,663	Apr. 2	80	19	127	1605
Brake slack-adjuster.....	J. M. Hines.....	848,993	Apr. 2	761	155	127	1782
Brake slack-adjuster. Automatic.	E. M. Swift.....	850,856	Apr. 16	4319	906	127	2763
Brake slack-adjuster. Automatic.	R. F. Hamilton.....	860,800	July 23	3826	1048	129	1359
Brake system.....	C. W. Larson.....	840,136	Jan. 1	712	152-3	126	194
Brake system. Fluid-pressure.	M. W. Hibbard.....	845,353	Feb. 26	5246	1112-13	126	3211
Brakes. Apparatus for supplying water or other liquids to	G. Enrico.....	841,314	Jan. 15	3074	665	126	869
Braking and locking device. Combined	B. Péducasse.....	845,192	Feb. 26	4915	1042	126	3131
Braking apparatus.....	W. Lockett.....	863,193	Aug. 13	1764	474	129	2667
Braking apparatus.....	P. H. Griffin.....	868,777	Oct. 22	2482	685	130	2144
Braking construction.....	E. B. McKenna.....	863,420	Aug. 13	2088	562	129	2768
Braking device.....	V. Lamb.....	860,673	July 23	3633	996	129	1297

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Braking mechanism.....	J. E. Scheper.....	858,308	June 25	5598	1197	128	3213
Braking. Regenerative system for.....	W. I. Slichter.....	873,101	Dec. 10	1671	349	131	1461
Branch box.....	A. F. Hills.....	858,288	June 25	5561	1189	128	3204
Branch box.....	M. Havens, Jr.....	860,469	July 16	3304	904	129	1157
Branding machine. Sheep.....	J. A. Magelssen.....	849,691	Apr. 9	2112	434	127	2160
Branding or marking composition.....	J. Hauser.....	875,174	Dec. 31	5871	.....	131	2232
Branning-machine.....	J. W. Bryson.....	870,156	Nov. 5	437	120	131	143
Brazing.....	C. C. Hornsby.....	841,151	Jan. 15	2758	.....	126	791
Brazing compound.....	C. E. Hamilton.....	848,592	Mar. 26	5756	.....	127	1538
Brazing-machine. Electric.....	W. M. Fulton.....	853,351	May 14	2002	414-15	128	546
Bread-board.....	G. and G. C. G. Laube.....	861,865	July 30	5505	1519	129	1924
Bread-cutter.....	W. H. Keeler.....	861,124	July 23	4335	1189	129	1525
Bread-cutter.....	F. J. Hassell and R. S. Cunninghamham.....	870,626	Nov. 12	1197	323	131	425
Bread cutter and box.....	H. Seckendorff.....	848,057	Mar. 26	4745	1035	127	1285
Bread. Making.....	D. Chidlow.....	862,962	Aug. 13	1393	.....	129	2547
Bread. Making.....	D. Chidlow.....	863,021	Aug. 13	1481	.....	129	2575
Bread, meat, and vegetable cutting machine.....	C. J. Vann.....	857,913	June 25	4818	1021	128	3013
Bread-mixer.....	J. C. Hall.....	847,765	Mar. 19	4118	899	127	1095
Bread-mixer.....	A. Fay.....	871,988	Nov. 26	3892	939	131	1022
Bread mixer and kneader.....	O. D. Woodruff.....	841,296	Jan. 15	3039	658	126	860
Bread-slicer.....	H. Frank.....	870,503	Nov. 5	990	270	131	321
Breakwater.....	G. A. Wieland.....	857,506	June 18	4007	850	128	2779
Breast-drill.....	H. E. Godelle.....	862,069	July 30	5811	1612	129	2020
Breast-strap.....	J. Tolen.....	848,934	Apr. 2	662	133	127	1757
Breast-strap slide.....	N. Durand.....	869,234	Oct. 29	3175	874	130	2385
Breech-loading mechanism.....	H. T. J. Thronsen.....	843,504	Feb. 5	1330	280	126	2126
Breech-loading mechanism.....	J. Brader.....	861,632	July 30	5150	1413	129	1820
Breeching. Attachment for hip or Yankee.....	T. F. Long.....	863,194	Aug. 13	1765	474	129	2667
Breeching device.....	T. B. Bradford.....	868,072	Oct. 15	1358	380	130	1770
Brewers' wort or the like. Apparatus for heating or boiling.....	H. J. Worsam.....	857,779	June 25	4549	960-1	128	2948
Brewing apparatus.....	C. B. Davis.....	846,187	Mar. 5	947	201	127	240
Brewing material.....	T. B. Wagner.....	855,599	June 4	298	.....	128	1772
Brewing purposes. Cooker for.....	C. Rach.....	840,370	Jan. 1	1187	260-1	126	312
Brewing soy. Apparatus for.....	T. Suzuki.....	874,041	Dec. 17	3533	752	131	1804
Brick, &c., and making same. Composition for.....	L. Houze.....	875,662	Dec. 31	6942	.....	131	2390
Brick and tile cutting machine.....	J. Bensing.....	853,573	May 14	2417	504	128	653
Brick and tile cutting machines. Wire attachment for.....	W. R. Cunningham.....	857,603	June 25	4203	888	128	2859
Brick and wall constructed thereof.....	E. D. Andrus.....	864,283	Aug. 27	3394	943	129	3232
Brick, block, or tile cutter.....	B. E. Bechtel.....	853,858	May 14	3008	618	128	803
Brick-carrying vehicle.....	J. J. Gledhill.....	841,683	Jan. 22	3791	824	126	1687
Brick-carrying vehicle.....	J. J. Gledhill.....	865,299	Sept. 3	824	237-8	130	249
Brick-cleaning machine.....	W. A. Powning.....	861,896	July 30	5547	1530	129	1937
Brick-cleaning machine. Old.....	A. Le Blanc.....	863,190	Aug. 13	1760	473	129	2065
Brick composition.....	L. Elkus.....	844,668	Feb. 19	3883	.....	126	2827
Brick-conveyer.....	C. H. Klein.....	853,365	May 14	2027	419-20	128	552
Brick-cutting machinery.....	A. Ramsay.....	867,149	Sept. 24	3667	1041	130	1240
Brick-drier.....	I. C. Jones.....	844,806	Feb. 19	4169	888-9	126	2901
Brick-drier. Open-air.....	W. Bernard.....	860,120	July 16	2775	757	129	981
Brick drying and conveying apparatus.....	J. H. McKenzie.....	844,738	Feb. 19	4027	858	126	2862
Brick-drying apparatus.....	J. C. Boss.....	867,872	Oct. 8	995	283	130	1636
Brick facing. Imitation.....	G. Morgan.....	872,003	Nov. 26	3926	946	131	1028
Brick-handling implement. Hollow.....	C. S. Hall.....	849,897	Apr. 9	2503	516	127	2261
Brick-handling machine.....	W. H. Francis.....	859,445	July 9	1744	466	129	619
Brick-kiln.....	C. K. Weller.....	842,043	Jan. 22	4512	970	126	1265
Brick-kiln.....	D. P. Guise.....	843,452	Feb. 5	1204	254	126	2092
Brick-kiln.....	E. Weiss.....	852,404	Apr. 30	7424	1558	127	3612
Brick-kiln.....	B. F. Canavera.....	855,384	May 28	6028	1258-9	128	1636
Brick-kiln.....	H. J. Williams.....	857,702	June 25	4398	928-9	128	2910
Brick-kiln.....	J. J. P. Casey.....	869,621	Oct. 29	3815	1044	130	2583
Brick-machine.....	J. Miller.....	842,412	Jan. 29	5318	1127	126	1508
Brick-machine.....	H. L. Hix.....	845,872	Mar. 5	285	57-8	127	73
Brick-machine.....	H. Armstrong.....	846,277	Mar. 5	1108	240-1	127	281
Brick-machine.....	T. Sederwall.....	847,120	Mar. 12	2796	618	127	736
Brick-machine.....	O. Kutsche.....	850,435	Apr. 16	3498	731-2	127	2555
Brick-machine.....	D. P. Sanders.....	850,676	Apr. 16	3977	831-2	127	2677
Brick-machine.....	F. Mueller.....	868,355	Oct. 15	1787	504-5	130	1900
Brick-machine.....	B. C. White.....	868,515	Oct. 15	2033	570-3	130	1975
Brick-machine.....	L. D. Wogoman.....	872,491	Dec. 3	364	74-5	131	1225
Brick-machine. Hand.....	F. W. Steinhoff.....	847,618	Mar. 19	3827	837	127	1028
Brick-making device. Ornamental.....	M. N. Grant.....	842,882	Feb. 5	81	18	126	1811
Brick-making device. Ornamental.....	A. H. and M. N. Grant.....	850,427	Apr. 16	3478	728	127	2551
Brick-making device. Ornamental.....	A. H. and M. N. Grant.....	850,428	Apr. 16	5480	728	127	2551
Brick. Manufacturing.....	A. A. Gery.....	839,833	Jan. 1	55	13	126	16
Brick. Means for making stone-faced.....	W. Lammersen.....	841,788	Jan. 22	4012	867	126	1145
Brick-mold.....	H. Rott.....	839,962	Jan. 1	325	71	126	89
Brick-mold.....	F. Mueller.....	850,038	Apr. 9	2723	572	127	2314
Brick-mold-washing machine.....	J. W. Goulding.....	870,357	Nov. 5	766	204	131	257
Brick-molding machine.....	T. G. Jensen.....	843,087	Feb. 5	509	106-7	126	1924
Brick-molding machine.....	N. H. Bolton and J. Belisle.....	855,382	May 28	6026	1257-8	128	1636
Brick-molding machine.....	T. C. Holt.....	857,624	June 25	4245	896-7	128	2871
Brick or like molding machine. Plastic.....	J. W. Bottomley.....	845,329	Feb. 26	5195	1102	126	3199
Brick or stone. Manufacture of sand lime or composite.....	A. S. Crocker.....	851,406	Apr. 23	5404	1132	127	3074
Brick-pallet.....	A. J. Bentley.....	859,039	July 2	1134	303	129	386
Brick-press.....	P. Thomann.....	845,146	Feb. 26	4822	1023	126	3106
Brick-press.....	G. W. Balkwill.....	855,222	May 28	5745	1196-7	128	1564
Brick-press box.....	L. W. Daughenbaugh and C. A. Markie.....	849,214	Apr. 2	1205	244	127	1897
Brick-press. Hand.....	H. B. Murdock.....	844,166	Feb. 12	2581	553	126	2470
Brick re-pressing machine.....	E. Murray and A. O. Travis.....	849,258	Apr. 2	1286	261	127	1916
Brick-supporting pallet.....	B. Jacquart.....	853,086	May 7	1446	302	128	366
Brick. Treating.....	A. Magoon.....	873,568	Dec. 10	2592	131	1615
Bricks, &c. Manufacturing.....	A. A. Gery.....	839,832	Jan. 1	53	12	126	15

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Bricks. Manufacturing.....	L. Elkus.....	852,500	May 7	245	.....	128	69
Bricks, &c. Transporting.....	W. H. Francis.....	874,582	Dec. 24	4672	982	131	2014
Bricklayer's mitt.....	D. C. Miller.....	859,097	July 2	1207	325	129	408
Brickmaking-machine.....	E. R. Sutcliffe.....	846,258	Mar. 5	1070	230-1	127	272
Brickmaking-machine.....	O. G. Diefendorf.....	852,934	May 7	1159	238-9	128	295
Brickmaking-machine.....	E. L. Martin.....	855,716	June 4	515	108-9	128	1827
Brickmaking-machine.....	F. P. Rosback.....	857,364	June 18	3729	738-91	128	2710
Brickmaking-machine.....	R. E. and G. F. Laughray.....	862,259	Aug. 6	249	71-2	129	2159
Brickmaking-machine.....	I. E. Hiscock.....	862,558	Aug. 6	778	208	129	2325
Brickmaking-machine.....	J. E. Bond.....	874,482	Dec. 24	4448	939-40	131	1982
Brickmaking mechanism.....	S. M. Black.....	866,325	Sept. 17	2436	680	130	822
Brickmaking plant.....	H. H. Walsh.....	846,536	Mar. 12	1647	366	127	448
Brickmaking plants. Filling mechanism for.....	F. Zagelmeyer.....	857,143	June 18	3314	699	128	2605
Bridge.....	M. R. Biron.....	851,114	Apr. 23	4793	1008	127	2920
Bridge-abutment.....	A. O. Cunningham.....	851,408	Apr. 23	5407	1133	127	3075
Bridge and bridge guard or railing.....	S. Richardson.....	845,897	Mar. 5	358	72	127	93
Bridge and railway-rail lock and signal.....	E. H. Johnston.....	852,959	May 7	1202	248	128	306
Bridge construction.....	J. Welfe.....	857,505	June 18	4005	852	128	2779
Bridge construction.....	J. M. Carroll.....	867,477	Oct. 1	371	107	130	1428
Bridge. Draw.....	G. A. Wieland.....	865,839	Sept. 10	1713	476	130	568
Bridge. Ferry.....	E. W. Stern.....	848,862	Apr. 2	542	106-7	127	1729
Bridge of concrete, &c.....	D. B. Luten.....	852,970	May 7	1231	253	128	313
Bridge. Portable.....	F. Charron.....	854,329	May 21	3958	818	128	1085
Bridge rail-lock. Draw.....	E. M. Weaver.....	853,611	May 14	2504	519-20	128	677
Bridge structure.....	J. P. Nikonow.....	843,167	Feb. 5	664	139-40	126	1962
Bridge-whist apparatus.....	F. B. Hurd.....	858,928	Oct. 22	2713	747	130	2214
Bridges. Safety-curtain for preventing runaway accidents on.....	M. Goodman.....	874,327	Dec. 17	4155	874	131	1899
Bridle.....	R. H. Williams.....	851,463	Apr. 23	5510	1154	127	3098
Bridle.....	F. A. Stimson.....	854,677	May 21	4608	960	128	1245
Bridle-bit.....	J. A. Fretwell.....	841,007	Jan. 8	2435	532	126	661
Bridle-bit.....	J. W. Turner.....	848,937	Apr. 2	666	133	127	1758
Bridle-bit.....	A. L. Catlin.....	860,524	July 16	3375	928	129	1180
Bridle-bit.....	F. Guédez.....	864,641	Aug. 27	3979	1104	129	3415
Bridle-bit.....	J. Reichert.....	873,604	Dec. 10	2660	560	131	1628
Bridle. Bitless.....	H. J. Van and E. Ellingsen.....	868,046	Oct. 15	1308	363	130	1756
Bridle for horses.....	S. P. Knut.....	845,004	Feb. 19	4531	966	126	2989
Bridle-ring.....	W. J. Hiss, Jr.....	863,992	Aug. 20	2944	810	129	3064
Bridle. Safety.....	H. C. Thompson.....	844,833	Feb. 19	4217	899	126	2913
Bridle-strangler.....	F. Beyie.....	841,923	Jan. 22	4284	924	126	1211
Brier-cane pruner and grapnel. Combined.....	J. A. Malory.....	853,367	May 14	2033	421	128	554
Brier-hook.....	M. C. Mollere.....	853,417	May 14	2111	440	128	573
Brining and syruing machine.....	J. S. Ogburn.....	860,233	July 16	2951	806	129	1039
Briquet and making the same.....	J. S. Robeson.....	841,718	Jan. 22	3857	.....	126	1104
Briquet-machine.....	J. H. Curell.....	840,608	Jan. 8	1666	365-6	126	471
Briquet-machine.....	D. E. Bangs.....	855,379	May 28	6020	1256	128	1635
Briquet-machine.....	G. W. Taylor.....	860,342	July 16	3110	849-50	129	1092
Briquet-machine.....	C. W. Reynolds.....	867,210	Sept. 24	3781	1068-9	130	1279
Briquet-machine feeder.....	K. P. Hangl.....	845,299	Feb. 26	5145	1092	126	3188
Briquet-making machine.....	E. D. Misner.....	843,565	Feb. 5	1472	310-11	126	2159
Briquet-press.....	O. Busse.....	850,905	Apr. 23	4423	925	127	2830
Briquet-press.....	E. C. Hutchinson.....	851,007	Apr. 23	4596	963-4	127	2871
Briquets from coal, peat, and bog-earth. Manufacturing.....	J. Buss.....	854,565	May 21	4405	914	128	1195
Briquets. Manufacture of.....	A. Exbrayat.....	849,058	Apr. 2	893	.....	127	1815
Briqueting-machine.....	R. Schorr.....	852,457	May 7	145	25-6	128	44
Broiler.....	G. T. Baguley.....	842,749	Jan. 29	6073	1280	126	1694
Broiler.....	J. W. Ross.....	850,058	Apr. 9	2767	581	127	2324
Broiler.....	J. J. Jones.....	850,654	Apr. 16	3937	822	127	2668
Broiler.....	S. S. Eccleston.....	861,168	July 23	4387	1204	129	1541
Broiler.....	G. J. Miller.....	870,118	Nov. 5	380	106	131	127
Broiler. Camp.....	C. R. Peters.....	842,695	Jan. 29	5952	1254	126	1665
Broiler. Gas.....	J. A. Barrett.....	868,753	Oct. 22	2448	677	130	2133
Broiler. Meat.....	S. A. Engelhard.....	848,018	Mar. 26	4680	1020	127	1269
Broiling and toasting device.....	D. Rugg.....	852,624	May 7	500	92	128	131
Broiling apparatus.....	G. J. Miller.....	870,117	Nov. 5	377	105-6	131	126
Bronze-dust. Machine for removing.....	A. J. Ford.....	873,529	Dec. 10	2510	530	131	1602
Bronze-leaf.....	E. Pratsinger.....	859,106	July 2	1216	.....	129	410
Brooder.....	H. E. Keller.....	840,498	Jan. 8	1442	318	126	414
Brooder.....	N. C. Sprague.....	846,155	Mar. 5	896	188	127	228
Brooder.....	W. H. Rogers.....	846,865	Mar. 12	2308	507	127	617
Brooder.....	P. A. Chippendale.....	853,224	May 14	1734	360	128	471
Brooder.....	G. W. Meacher and S. L. Montgomery.....	854,587	May 21	4440	923	128	1203
Brooder.....	D. K. Groff.....	856,696	June 11	2476	509	128	2354
Brooder.....	W. F. Mikolasek.....	862,180	Aug. 6	110	29	129	2118
Brooder.....	J. Goetze.....	868,262	Oct. 15	1631	461	130	1855
Brooder.....	S. G. Robinson, Jr.....	869,265	Oct. 29	3224	887	130	2401
Brooder.....	C. A. Cyphers.....	873,993	Dec. 17	3426	729	131	1789
Brooder.....	L. C. Ellis.....	875,417	Dec. 31	6348	1323	131	2310
Brooder and grower. Plant and vegetable.....	W. P. Lutz.....	874,218	Dec. 17	3935	831	131	1863
Brooder. Chicken.....	W. H. Somersall.....	853,038	May 7	1371	285	128	348
Brooder. Poultry.....	E. E. Billings.....	850,725	Apr. 16	4062	849	127	2697
Brooder. Poultry.....	H. H. Damman.....	852,652	May 7	561	107	128	147
Brooder. Poultry.....	H. H. Damman.....	852,653	May 7	563	107	128	147
Broom.....	N. Villalaz.....	843,507	Feb. 5	1337	282	126	2128
Broom.....	W. J. Tweedy.....	851,455	Apr. 23	5493	1150	127	3095
Broom.....	R. Rosenbaum.....	852,244	Apr. 30	7113	1488	127	3537
Broom.....	A. J. Cochran.....	852,772	May 7	794	159	128	206
Broom.....	G. Brüstle.....	865,293	Sept. 3	811	234	130	245
Broom.....	W. Fanckboner.....	870,717	Nov. 12	1340	365-6	131	471
Broom.....	W. D. McAtlin.....	874,368	Dec. 17	4232	891	131	1913
Broom and dust-pan hanger.....	N. L. Lyons.....	873,762	Dec. 17	2973	631	131	1713
Broom-binder.....	N. Dionne.....	865,085	Sept. 3	506	139	130	153
Broom-corn bundling or compressing machine.....	J. F. Foley.....	869,358	Oct. 29	3385	931	130	2451
Broom-corn-combing machine.....	C. K. Miller.....	851,202	Apr. 23	4985	1047-8	127	2967
Broom-corn-fiber sorting and sizing machine.....	R. D. Gallagher, Sr.....	870,280	Nov. 5	636	169-71	131	206

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Broom-corn-saw machine.....	A. J. Middleton.....	849,804	Apr. 9	2322	476	127	2215
Broom. Dustless.....	J. R. Price.....	841,045	Jan. 8	2515	549	126	684
Broom-handle.....	S. G. Wilson.....	855,152	May 28	5623	1170	128	1534
Broom-hanger.....	B. Clark.....	861,091	July 23	4283	1175	129	1506
Broom-head.....	E. R. Simpson and W. L. Martin.....	866,231	Sept. 17	2290	640	130	777
Broom-holder.....	F. P. Gee.....	840,452	Jan. 1	1338	297	126	349
Broom-holder.....	F. A. Hess and J. Dunn.....	850,576	Apr. 16	3765	786	127	2624
Broom-holder.....	N. P. Crain.....	861,814	July 30	5437	1497	129	1903
Broom-holder.....	E. C. Gibson.....	861,967	July 30	5654	1568	129	1970
Broom-holder.....	T. Brennan.....	867,787	Oct. 8	847	242	130	1594
Broom-machine.....	C. R. Lee.....	850,532	Apr. 16	3687	771	127	2604
Broom-machine.....	C. Clemens.....	851,916	Apr. 30	6444	1345-6	127	3368
Broom-rack.....	O. C. Fletcher.....	854,084	May 21	3504	722	128	966
Broom-shield.....	H. H. Asimont.....	842,376	Jan. 29	5243	1112	126	1487
Broom-shield.....	B. F. Gasque.....	857,615	June 25	4227	894	128	2886
Broom-shield.....	J. Pappa.....	858,823	July 2	814	211	129	282
Broom-trimming machine.....	C. Plunkett.....	862,754	Aug. 6	1085	291	129	2415
Brush.....	J. F. Bowditch.....	840,106	Jan. 1	627	136	126	166
Brush.....	E. Melchior.....	840,227	Jan. 1	888	191	126	240
Brush.....	F. Graul.....	840,693	Jan. 8	1814	400	126	508
Brush.....	J. F. Gohl.....	845,408	Feb. 26	5355	1136	126	3237
Brush.....	T. Brantley.....	846,003	Mar. 5	579	121	127	148
Brush.....	H. Delle.....	846,287	Mar. 5	1127	246	127	285
Brush.....	C. Gamache.....	847,060	Mar. 12	2694	593	127	712
Brush.....	O. Crittenden.....	848,973	Apr. 2	729	147	127	1773
Brush.....	G. A. Thornton.....	852,686	May 7	638	123	128	166
Brush.....	J. Q. Adams.....	852,755	May 7	760	150	128	199
Brush.....	P. B. Bleimeyer.....	855,040	May 28	5381	1118	128	1473
Brush.....	J. F. Mumford.....	856,284	June 11	1638	340	128	2142
Brush.....	F. M. Aufesser.....	856,834	June 11	2720	563	128	2417
Brush.....	H. L. Swazey.....	862,030	July 30	5732	1591	129	1993
Brush.....	W. S. Walker.....	863,243	Aug. 13	1852	499	129	2693
Brush.....	G. S. Butterfield.....	863,260	Aug. 13	1872	505	129	2698
Brush.....	B. Littauer.....	866,493	Sept. 17	2669	747	130	898
Brush.....	W. L. Glorieux, Jr., and V. F. Struck.....	866,784	Sept. 24	3122	879	130	1075
Brush.....	H. W. Hasey.....	871,336	Nov. 19	2497	644	131	779
Brush.....	W. D. Foss.....	871,494	Nov. 19	2843	715	131	831
Brush.....	F. H. Lumbard.....	871,603	Nov. 19	3065	760	131	867
Brush.....	A. Schnurmacher.....	875,464	Dec. 31	6439	1345	131	2325
Brush. Adjustable cleaning.....	R. T. Gillespie.....	873,308	Dec. 10	2072	433	131	1527
Brush. Air.....	J. A. Paasche.....	852,899	May 7	1084	223	128	278
Brush and mop. Combined fountain scrub.....	J. T. Huggins.....	866,469	Sept. 17	2640	737	130	889
Brush and mop holder. Combined.....	G. A. Fraser.....	856,238	June 11	1539	322	128	2117
Brush and powder receptacle. Tooth.....	J. P. Hill.....	853,549	May 14	2373	495	128	641
Brush and soap holder. Shaving.....	M. Schmitz.....	866,970	Sept. 24	3394	961	130	1159
Brush-attaching device.....	P. Lieskar.....	866,149	Sept. 17	2178	607	130	742
Brush attachment. Horse.....	C. I. Bush.....	857,268	June 18	3550	752	128	2665
Brush-back.....	C. E. Conder.....	840,435	Jan. 1	1309	288	126	342
Brush-backs. Supporting-table for boring holes in.....	W. G. Liebig.....	869,313	Oct. 29	3312	911	130	2428
Brush. Blacking.....	E. C. Hudson.....	873,550	Dec. 10	2558	539-40	131	1609
Brush-block-feeding appliance.....	M. O. Rehfuess and E. F. Buch.....	855,811	June 4	710	146-7	128	1875
Brush-blocks, &c. Machine for boring.....	C. E. Flemming.....	861,210	July 23	4457	1223	129	1565
Brush. Bottle.....	H. Cooperman.....	871,786	Nov. 26	3417	840	131	955
Brush. Bottle-washer.....	B. Gohrband.....	853,582	May 14	2438	507	128	659
Brush. Bottle-washer.....	H. Warshilsky.....	872,595	Dec. 3	584	122	131	1258
Brush. Bottle-washer.....	H. Warshilsky.....	872,596	Dec. 3	585	122	131	1258
Brush-bridling attachment.....	L. Z. Jenkins.....	861,657	July 30	5182	1422	129	1828
Brush. Buffing and polishing.....	E. N. Gaudron.....	865,098	Sept. 3	520	143	130	157
Brush. Cloth-steaming.....	J. Kudrie and L. Svoboda.....	848,377	Mar. 26	5344	1163	127	1433
Brush. Combination blacking.....	C. W. Jones and W. L. Meredith.....	871,170	Nov. 19	2128	570	131	722
Brush container. Shaving.....	C. A. Schmidt.....	851,443	Apr. 23	5473	1146	127	3091
Brush-cutting machine.....	T. B. Hendricks.....	843,604	Feb. 12	1538	325	126	2209
Brush drilling and tufting machine.....	M. O. Rehfuess and E. F. Buch.....	855,810	June 4	704	144-6	128	1874
Brush. Dustless.....	F. D. Wolfgram.....	845,387	Feb. 26	5315	1128	126	3228
Brush-filling apparatus.....	C. H. Rasmussen.....	859,518	July 9	1848	497-8	129	652
Brush. Folding.....	J. Kronacher.....	851,527	Apr. 23	5633	1179	127	3129
Brush. Folding shaving.....	H. M. Rynehart.....	841,453	Jan. 15	3340	721	126	939
Brush for barrel-heads.....	O. Neufeld.....	866,159	Sept. 17	2192	610	130	746
Brush for bottle-washing machines.....	P. Boch.....	856,191	June 4	1427	302	128	2051
Brush for cleaning horses.....	J. F. Scanlan. (Reissue).....	12,662	June 18	4137	876	128	2810
Brush for cotton-gins.....	T. Brantley.....	858,852	July 2	858	223	129	296
Brush. Fountain.....	F. L. Brinn.....	840,604	Jan. 8	1658	364	126	469
Brush. Fountain.....	F. E. Fornwalt.....	842,644	Jan. 29	5819	1229	126	1632
Brush. Fountain.....	R. H. McDowell.....	843,690	Feb. 12	1699	361	126	2253
Brush. Fountain.....	R. Curcio.....	844,256	Feb. 12	2781	594	126	2524
Brush. Fountain.....	G. R. Stanton.....	848,700	Apr. 2	161	34	127	1628
Brush. Fountain.....	W. L. Clark.....	851,587	Apr. 23	5766	1206	127	3163
Brush. Fountain.....	H. Nothe.....	854,231	May 21	3796	783	128	1041
Brush. Fountain.....	E. S. Current.....	855,758	June 4	612	126	128	1852
Brush. Fountain.....	P. Rubeo-Lisa.....	864,696	Aug. 27	4071	1131	129	3444
Brush. Fountain.....	H. A. Bierley.....	865,351	Sept. 10	922	264	130	308
Brush. Fountain.....	R. L. Short.....	875,005	Dec. 31	5544	1157	131	2178
Brush. Fountain blacking.....	W. G. Hoffman.....	847,252	Mar. 12	3054	673	127	800
Brush. Fountain glue.....	A. D. Hyman.....	856,641	June 11	2376	488-9	128	2330
Brush. Fountain marking.....	J. B. Fischer.....	846,558	Mar. 12	1694	373	127	459
Brush. Fountain marking and stencil.....	E. A. and C. A. Garvey.....	862,630	Aug. 6	889	238	129	2360
Brush. Fountain marking and stencil.....	E. A. and C. A. Garvey.....	875,422	Dec. 31	6353	1324	131	2311
Brush. Fountain shaving.....	I. D. Stevens.....	870,257	Nov. 5	603	161	131	197
Brush guard. Tooth.....	J. C. Nevius.....	851,550	Apr. 23	5683	1191	127	3139
Brush-handle socket.....	A. J. Warren.....	855,600	June 4	299	62	128	1772
Brush. Hemp dusting.....	E. G. Wayman.....	862,038	July 30	5743	1595	129	1997
Brush-holder.....	F. W. Garrett.....	849,120	Apr. 2	1025	207	127	1850
Brush-holder.....	J. P. Mallett and T. E. Drohan.....	850,237	Apr. 16	3120	652	127	2455
Brush-holder.....	R. E. Barker.....	851,793	Apr. 30	6101	1293	127	3302
Brush-holder.....	F. M. Conlee.....	852,705	May 7	672	131	128	176
Brush-holder.....	W. O. Cutter.....	856,515	June 11	2121	436	128	2265

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Brush-holder	W. L. Waters	862,951	Aug. 13	1382	376	129	2544
Brush-holder	R. Fehler and D. McLaughlin	865,029	Sept. 3	422	111	130	129
Brush-holder	F. P. McBerty	868,467	Oct. 15	1968	549	130	1955
Brush holder. Tooth-	F. J. Spangler	872,091	Nov. 26	4113	984	131	1057
Brush. Horse-	J. S. Hickson	840,328	Jan. 1	1083	235	116	289
Brush-making machine	W. G. Liebig	845,959	Mar. 5	483	99-100	127	125
Brush-making machine	W. G. Liebig	846,583	Mar. 12	1750	387-8	127	474
Brush-manufacturing apparatus	H. Wehrmüller	868,237	Oct. 15	1591	452	130	1841
Brush or mop holder	E. E. Masters	842,965	Feb. 5	244	54	126	1850
Brush. Pneumatic	J. E. Schadle	869,023	Oct. 22	2858	799	130	2259
Brush. Polishing-	J. A. Kneag	846,793	Mar. 12	2157	475	127	579
Brush. Polishing-	W. Dixon	863,790	Aug. 20	2647	732	129	2973
Brush. Polishing-	F. P. Chapot	865,762	Sept. 10	1570	443	130	511
Brush. Revolving tooth-	N. Levin	860,394	July 16	3194	873	129	1119
Brush. Rotary	D. F. Broderick	842,997	Feb. 5	312	68	126	1968
Brush. Rotary	E. E. Rice	853,378	May 14	2055	425	128	560
Brush. Rotary	B. Kern, Jr.	857,525	June 18	4038	360	128	2788
Brush. Rotary tooth-	O. C. Lillie	867,063	Sept. 24	3548	1005	130	1205
Brush. Rotary vibratory massage-	J. Handel	866,019	Sept. 17	1981	552	130	680
Brush. Scrubbing-	J. Rich	846,346	Mar. 5	1246	274	127	314
Brush. Sectional hair-	C. A. Feters	873,852	Dec. 17	3172	675	131	1744
Brush. Shaving-	A. Helmbach	852,878	May 7	1043	215	128	266
Brush. Shaving-	M. Shers	864,201	Aug. 27	3277	908	129	3196
Brush. Shaving-	R. L. Davis	866,438	Sept. 17	2593	724	130	874
Brush. Shaving-	W. J. Roche	870,467	Nov. 5	941	257	131	306
Brush. Sink-	C. A. Fogarty	843,596	Feb. 12	1523	323	126	2206
Brush. Toilet-	A. A. Wensinger	848,636	Mar. 12	1871	412	127	506
Brush. Tooth-	F. Downing	841,946	Jan. 22	4319	951	126	1219
Brush. Tooth-	E. Penkala	844,395	Feb. 19	3091	694	126	2637
Brush. Tooth-	F. P. Drown	845,064	Feb. 26	4661	990	126	3064
Brush. Tooth-	W. O. Bloom	846,900	Mar. 12	2389	525	127	637
Brush. Tooth-	E. L. Detrick	851,501	Apr. 23	5588	1169	127	3117
Brush. Tooth-	T. Reminger	860,107	July 16	2761	754	129	976
Brush. Tooth-	T. H. Bangs	860,435	July 16	3256	890	129	1137
Brush. Tooth-	J. A. Cochrane	860,527	July 16	3379	928	129	1181
Brush. Tooth-	G. Strassburger	860,840	July 23	3882	1063	129	1378
Brush. Tooth-	A. Abrams	864,054	Aug. 20	3038	839	129	3093
Brush. Tooth-	O. C. Lillie	867,062	Sept. 24	3547	1005	130	1205
Brush. Water-color	J. W. Hawkins	857,239	June 18	3493	738	128	2651
Brush. Wire	J. Saltiel	864,922	Sept. 3	254	67	130	80
Brushes. Making	J. Morrison	843,544	Feb. 5	1423	300	126	2148
Brushes. Making	A. T. Church	862,134	Aug. 6	19	6	129	2086
Brusher, polisher, washer, and self-feeder. Fruit and vegetable	J. M. Baker	842,378	Jan. 29	5247	1113	126	1488
Brushing-machine	P. H. Bacon	858,940	July 2	983	255	129	337
Bucket	N. M. Heller	857,622	June 25	4241	896	128	2869
Bucket and cooker. Combined	M. M. Mauck	868,465	Oct. 15	1965	548	130	1954
Bucket and operating mechanism. Grab-	H. P. Andersen	870,812	Nov. 12	1501	410-11	131	520
Bucket and similar vessel. Milk-	S. E. Bell	867,940	Oct. 15	1142	315	130	1705
Bucket. Automatic	E. F. Atherton	872,634	Dec. 3	664	138	131	1272
Bucket-blanks. Making	P. A. Lorenz	874,515	Dec. 24	4549	955	131	1992
Bucket bottom. Well-	E. A. Lee	866,661	Sept. 24	2927	828	130	1006
Bucket. Clam-shell	J. McMyler	859,240	July 9	1432	380-2	129	516
Bucket. Clam-shell	J. McMyler	861,669	July 30	5198	1428-9	129	1832
Bucket. Clam-shell	J. Rogers	869,637	Oct. 29	3868	1059	130	2598
Bucket. Combined feed and water	J. F. Alexander	870,660	Nov. 12	1250	339	131	441
Bucket-cover	C. B. Billiter	859,041	July 2	1137	303	129	386
Bucket. Dinner-	J. J. Burns	861,635	July 30	5154	1414	129	1821
Bucket. Dredge-	I. B. Hammond	857,396	June 18	3792	804	128	2725
Bucket. Dumping-	L. A. Lehmann	846,800	Mar. 12	2173	478	127	584
Bucket. Dumping-	C. Körtvelyessy	850,587	Apr. 16	3786	790	127	2629
Bucket. Dumping-	A. Schroeder	872,151	Nov. 26	4226	1008	131	1077
Bucket-fastener protector	J. B. Bariani	850,556	Apr. 16	3728	779	127	2615
Bucket for dredging purposes. Scoop-	C. Pay	850,096	Apr. 9	2839	594-5	127	2343
Bucket joint. Dredge-	A. T. Fraser	854,731	May 28	4739	985	128	1308
Bucket-making machine	J. A. Watt	846,270	Mar. 5	1092	236-7	127	278
Bucket. Milk-	J. Ferguson	841,134	Jan. 15	2721	594	126	781
Bucket. Minnow-	R. Rinnelien	859,617	July 9	2006	541	129	704
Bucket or conveyer	W. F. Jones	865,045	Sept. 3	442	119	130	135
Bucket scraper. Orange-peel-	L. A. Désy	851,733	Apr. 30	6076	1270	127	3272
Bucket-scraper attachment	J. T. Boyd	852,256	Apr. 30	7134	1494	127	3541
Bucket. Sectional dredger	H. L. Sherwood	866,971	Sept. 24	3395	961-2	130	1160
Bucket. Self-dumping	B. A. Baus	856,211	June 11	1469	310	128	2099
Bucket. Self-dumping	B. A. Baus	870,409	Nov. 5	857	228	131	281
Bucket. Tramway-	W. S. Gemmer and E. J. Schleicher	866,271	Sept. 17	2355	654-5	130	798
Bucket. Turbine-	W. L. R. Emmet	868,419	Oct. 15	1891	531	130	1931
Bucket. Well-	J. F. Holman	849,240	Apr. 2	1250	254	127	1907
Bucket. Well-	E. M. Thomas	862,032	July 30	5735	1592	129	1994
Bucket. Well-	P. E. Getz	866,783	Sept. 24	3121	878	130	1074
Buckets and other receptacles. Combined rest and handle for	P. H. Weideman	840,098	Jan. 1	613	133	126	162
Buckets. Automatic dumping mechanism for aerial-tramway	H. G. Ferris	852,546	May 7	335	60	128	92
Buckle. Soap and brush holder for	H. F. and F. E. Neumeyer	844,177	Feb. 12	2602	558	126	2475
Buckle	M. E. Hutchison	840,063	Jan. 1	545	118	126	146
Buckle	M. Barabasz	840,192	Jan. 1	812	178	126	217
Buckle	D. L. Smith	841,731	Jan. 22	3877	841	126	1109
Buckle	C. E. St. Clair	841,906	Jan. 22	4255	916	126	1204
Buckle	C. O. Anderson	842,373	Jan. 29	5240	1111	126	1486
Buckle	A. O. Brubaker	842,759	Jan. 29	6088	1284	126	1698
Buckle	I. Blum	843,434	Feb. 5	1177	247	126	2086
Buckle	E. H. Roy and J. A. Burton	844,540	Feb. 19	3393	731	126	2712
Buckle	O. C. Dally	845,164	Feb. 26	4854	1029	126	3115
Buckle	D. A. Huffman	845,642	Feb. 26	5799	1226	126	3348
Buckle	H. J. Gaisman	846,991	Mar. 12	2554	562	127	679
Buckle	W. H. Griffin	847,064	Mar. 12	2703	595	127	714
Buckle	L. Sanders	847,118	Mar. 12	2794	617	127	735

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Buckle.	A. K. Lovell.	847,795	Mar. 19	4171	911	127	1109
Buckle.	A. Ritter.	847,971	Mar. 19	4561	1002	127	1201
Buckle.	W. A. Schleicher.	850,794	Apr. 16	4182	877	127	2726
Buckle.	W. A. Schleicher.	850,795	Apr. 16	4182	877	127	2727
Buckle.	I. Blum.	850,875	Apr. 16	4354	912	127	2773
Buckle.	J. W. W. Powell.	853,732	May 14	2761	568	128	743
Buckle.	R. C. Kirby.	855,251	May 28	5806	1210	128	1580
Buckle.	E. N. Humphrey.	855,637	June 4	369	76	128	1788
Buckle.	J. J. Buchanan.	856,678	June 11	2447	503	128	2348
Buckle.	J. A. Wilson.	856,829	June 11	2713	561	128	2415
Buckle.	J. G. McNabb.	857,297	June 18	3608	763	128	2680
Buckle.	G. E. Rawson.	858,104	June 25	5241	1111	128	3123
Buckle.	J. W. Parmenter.	858,414	July 2	80	22	129	27
Buckle.	S. Wechsler.	858,932	July 2	973	253	129	334
Buckle.	J. F. Young and F. A. Libby.	858,936	July 2	979	254	129	336
Buckle.	A. D. Kendall.	859,080	July 2	1183	319	129	401
Buckle.	J. W. Gonce.	861,111	July 23	4314	1184	129	1518
Buckle.	W. J. Fleming.	862,892	Aug. 13	1296	351	129	2515
Buckle.	A. S. Huntington.	863,280	Aug. 13	1806	512	129	2705
Buckle.	G. C. Plummer.	866,217	Sept. 17	2270	634	130	770
Buckle.	A. F. P. Stenzy.	869,030	Oct. 22	2866	791	130	2262
Buckle.	K. Gluchowski.	869,776	Oct. 29	4047	1117	130	2651
Buckle.	A. Kallberg and L. Netz.	869,910	Nov. 5	52	16	131	18
Buckle.	I. Blum.	871,981	Nov. 26	3868	936	131	1020
Buckle.	A. E. Young and J. F. Hinkle.	873,199	Dec. 10	1858	390	131	1492
Buckle.	C. E. Smith.	873,464	Dec. 10	2366	497	131	1580
Buckle.	M. Rubin.	873,791	Dec. 17	3028	643	131	1723
Buckle.	C. S. and A. S. Huntington.	874,076	Dec. 17	3668	771	131	1816
Buckle and cookeye for harness-traces. Combination.	E. B. Knapp.	850,115	Apr. 9	2884	603	127	2353
Buckle. Attachable stitchless.	M. Barabasz.	844,082	Feb. 12	2419	518	126	2430
Buckle attachment for straps.	J. Van Cleve.	849,516	Apr. 9	1807	367	127	2085
Buckle. Back-band.	J. F. Conner.	872,799	Dec. 3	1000	208	131	1326
Buckle. Back-band.	J. H. B. Butts.	874,162	Dec. 17	3813	804	131	1844
Buckle. Bale-band.	J. S. Patterson and D. E. Smith.	872,969	Dec. 3	1362	287	131	1381
Buckle-bar.	F. E. Farnham.	873,934	Dec. 17	3311	707	131	1770
Buckle. Belt.	J. D. Templeton.	866,982	Sept. 24	3416	968	130	1166
Buckle. Belt.	B. F. Boyden.	867,638	Oct. 8	633	179	130	1527
Buckle. Cross-line.	H. H. Pijan.	841,184	Feb. 12	2616	560	126	2480
Buckle. Cross-line.	F. W. T. Mitchell.	849,486	Apr. 9	1748	353	127	2069
Buckle. Cross-line.	H. A. Bowyer.	857,864	June 25	4712	1000	128	2988
Buckle. Cross-line.	J. H. Haughawout.	862,907	Aug. 13	1317	358	129	2523
Buckle. Cross-line.	T. Bean.	862,959	Aug. 13	1391	379	129	2546
Buckle. Cross-line.	F. W. Dill and J. R. Hill.	868,161	Oct. 15	1470	413	130	1806
Buckle. Cross-line.	O. H. McBride.	869,927	Nov. 5	72	22	131	25
Buckle. Garment.	A. F. P. Stenzy.	840,878	Jan. 8	2183	481	126	598
Buckle. Harness.	E. J. Floyd.	852,601	May 7	462	85	128	123
Buckle. Harness.	R. B. Centers.	857,872	June 25	4724	1003	128	2990
Buckle. Harness.	G. Sweeten.	859,855	July 9	2367	643	129	818
Buckle. Harness.	E. I. Allison.	873,000	Dec. 10	1461	304	131	1427
Buckle. Rope.	C. W. Baker.	867,467	Oct. 1	356	103	130	1423
Buckle. Skirt and waist.	S. W. Phelps.	864,138	Aug. 20	3171	877	129	3134
Buckle-sleeve.	D. A. Huffman.	855,459	June 4	36	8	128	1704
Buckle. Snap-fastening.	G. A. Holmes.	873,128	Dec. 10	1723	360	131	1470
Buckle-strap. Reinforcing.	A. S. Blowers.	855,750	June 4	599	123	128	1850
Buckle. Suspender.	M. Peller.	847,811	Mar. 19	4235	927	127	1122
Buckle. Suspender.	J. Maltby.	849,004	Apr. 2	780	160	127	1786
Buckle. Trace.	J. T. Barker.	844,707	Feb. 19	3958	839	126	2845
Buckle. Trace.	G. E. Williamson.	875,305	Dec. 31	6116	1276	131	2273
Buckle. Wire.	W. A. Schleicher.	850,792	Apr. 16	4181	876	127	2726
Buckle. Wire.	W. A. Schleicher.	850,793	Apr. 16	4181	877	127	2726
Buckles, &c. Combined strap and protector for harness.	W. E. Barber.	871,557	Nov. 19	2982	743	131	853
Buckles to belts or girdles. Means for attaching.	F. B. Montgomery.	869,721	Oct. 29	3969	1097	130	2628
Buffer.	W. T. B. McDonald.	847,357	Mar. 19	3282	720	127	884
Buffer.	J. F. Bennett and J. Mastin.	849,189	Apr. 2	1167	235	127	1887
Buffer.	A. P. Olson.	864,985	Sept. 3	354	95	130	111
Buffer and coupling. Central.	G. Johnston.	875,434	Dec. 31	6385	1331	131	2315
Buffer. Friction.	J. Nichols.	865,054	Sept. 3	467	129	130	142
Buffer. Pneumatic.	M. P. Hayward.	847,941	Mar. 19	4495	985	127	1187
Buffing-machine.	A. W. Rogers.	849,338	Apr. 2	1441	292	127	1954
Buffing-machine.	J. E. Leavitt.	871,942	Nov. 26	3764	916	131	1006
Buffing-machine.	G. F. Stewart.	871,962	Nov. 26	3803	923-4	131	1014
Buffing-machine.	J. Gelzenlichter.	871,990	Nov. 26	3895	939-40	131	1023
Buffing-machine and disk-holder therefor.	G. F. Stewart.	871,964	Nov. 26	3815	926	131	1014
Buffing or polishing wheel.	W. A. Painter.	872,966	Dec. 3	1355	286	131	1380
Buffing-roll.	P. Bacigalupo.	855,922	June 4	939	194	128	1930
Buffing-roll.	M. Prevost.	856,601	June 11	2295	471	128	2310
Buggies. Foot-rest for.	J. B. McCarty.	854,103	May 21	3539	730	128	973
Buggies. Jump-seat for.	G. D. Potts.	869,392	Oct. 29	3432	944	130	2465
Buggies. Side-track draft attachment for.	W. Grono.	869,079	Oct. 22	2944	811	130	2287
Buggy and the like. Baby.	M. Weinstein.	857,696	June 25	4388	926	128	2907
Buggy-body extension and rear-seat attachment.	W. J. Foster.	865,690	Sept. 10	1457	412	130	475
Buggy-bow spring-support.	L. A. Piguet.	853,114	May 7	1497	312	128	378
Buggy-iron.	W. A. Langjahr.	874,774	Dec. 24	5047	1063	131	2078
Buggy-seat. Adjustable.	H. C. Ellsworth.	864,235	Aug. 27	3320	919	129	3210
Buggy-seat attachment.	W. P. Grannis.	872,410	Dec. 3	193	38	131	1198
Buggy-step.	E. May.	854,753	May 28	4788	994	128	1321
Buggy storm-front.	M. W. Beardsley.	854,324	May 21	3948	816	128	1082
Buggy. Top.	D. B. Bogard and E. Beasley.	866,569	Sept. 17	2774	775-6	130	929
Buggy-top attachment.	W. C. Neff.	873,164	Dec. 10	1791	376	131	1480
Buggy-top-detaching means.	C. G. Cook.	846,782	Mar. 12	2140	470	127	575
Buggy-top. Lever-actuated.	A. Groenig.	854,211	May 21	3753	776	128	1030
Buggy-top-prop attachment.	G. Lake.	847,951	Mar. 19	4515	990	127	1191
Buggy-top rest.	P. D. Hickerson.	813,677	Feb. 12	1678	355	126	2248
Buggy-top supporter.	A. M. Walter.	855,680	June 4	453	95	128	1812
Buggy-tops. Joint for folding.	H. H. Robinson.	855,864	June 4	821	171	128	1902
Buggy-tops. Means for removably attaching.	F. Beasley.	850,461	Apr. 16	3540	740	127	2565

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Buggy-wrench.....	E. I. Allison.....	867,334	Oct. 1	167	49	130	1363
Builder's bracket.....	A. H. Danforth.....	865,017	Sept. 3	405	108	130	125
Builders' stagings. Implement for dismantling.....	J. L. Robert.....	841,050	Jan. 8	2524	551	126	685
Building.....	E. Huff, Jr.....	872,236	Nov. 26	4408	1048	131	1105
Building apparatus and method of building construction.	W. Peabody.....	869,391	Oct. 29	3430	944	130	2464
Building-block.....	J. Aitken.....	840,893	Jan. 8	2218	488	126	608
Building-block.....	T. Sewall and G. M. Keene.....	844,416	Feb. 19	3126	671	126	2646
Building-block.....	E. C. Hodges.....	847,476	Mar. 19	3515	769	127	945
Building-block.....	E. J. McElligott and E. A. Cimmerly.....	848,917	Apr. 2	637	127	127	1751
Building-block.....	S. T. Playford.....	850,048	Apr. 9	2739	575	127	2317
Building-block.....	H. G. Rounds.....	852,578	May 7	417	76	128	111
Building-block.....	F. W. Oelschlaeger.....	854,708	May 21	4695	978	128	1267
Building-block.....	S. Crittenden.....	854,806	May 28	4892	1016	128	1346
Building-block.....	J. L. Judge.....	858,988	July 2	1063	279-80	129	363
Building-block.....	C. R. Schmidt.....	859,119	July 2	1241	332	129	420
Building-block.....	L. W. Hagerman.....	859,764	July 9	2223	605	129	774
Building-block.....	F. Christian.....	860,012	July 16	2630	714	129	935
Building-block.....	F. Baltz.....	861,348	July 30	4701	1284	129	1680
Building-block.....	W. P. Gamber and W. A. Pinckney.....	861,964	July 30	5651	1567	129	1969
Building-block.....	J. H. Denmead.....	862,887	Aug. 13	1288	349	129	2513
Building-block.....	H. L. Pogram.....	863,435	Aug. 13	2111	568	129	2775
Building-block.....	R. G. and A. Arnsen.....	863,493	Aug. 13	2199	595	129	2801
Building-block.....	L. R. Franklin.....	866,351	Sept. 17	2485	694	130	840
Building-block.....	F. M. Sawyor. (Reissue).....	12,098	Oct. 1	511	146	130	1472
Building-block.....	J. Cilek.....	868,411	Oct. 15	1880	528	130	1928
Building-block.....	W. W. Birnstock.....	869,770	Oct. 29	4037	1114	130	2647
Building-block.....	W. L. Dow.....	872,111	Nov. 26	4152	993	131	1064
Building block and wall.....	W. Curlett.....	855,047	May 28	5394	1121	128	1477
Building block and wall.....	W. W. Birnstock.....	869,615	Oct. 29	3809	1042	130	2581
Building-block. Composite.....	J. Muir.....	856,176	June 4	1396	294-5	128	2045
Building-block for chimneys.....	E. C. Newell.....	849,694	Apr. 9	2117	435	127	2162
Building-block. Hollow.....	B. Cerutti.....	873,505	Dec. 10	2455	517	131	1594
Building-block. Interlocking.....	A. B. Nichols.....	855,657	June 4	402	84	128	1797
Building-block machine.....	W. J. Armbruster.....	856,383	June 11	1877	387-8	128	2205
Building-block-making machine.....	E. H. Somers.....	869,271	Oct. 29	3231	889-91	130	2403
Building-block mold.....	A. Alexander and J. Fredericksen.....	847,220	Mar. 12	3000	661	127	788
Building-block mold.....	D. T. McCall.....	852,892	May 7	1073	221	128	274
Building-block mold.....	C. J. T. Cordes.....	869,828	Oct. 29	4126	1139-40	130	2674
Building-block mold. Hollow.....	W. J. Faulkner.....	854,692	May 21	4646	968-9	128	1255
Building-block-molding machine.....	S. H. Rickard.....	843,176	Feb. 5	686	143	126	1967
Building-block-molding machine.....	A. Nelson.....	874,230	Dec. 17	3962	835-6	131	1868
Building block or slab. Reinforced.....	E. C. Poole.....	873,600	Dec. 10	2654	559	131	1627
Building-block. Tile-faced.....	W. P. Meeker.....	862,925	Aug. 13	1335	365	129	2529
Building-block. Waterproof.....	H. Noack and H. Maring.....	865,654	Sept. 10	1398	396	130	456
Building-blocks.....	P. Olson.....	843,417	Feb. 5	1144	238	126	2078
Building-blocks and artificial stone from plastic material. Apparatus for forming.....	A. A. Pauly.....	865,266	Sept. 3	763	218	130	232
Building blocks and bricks. Rocking mechanism for.....	F. A. Borst.....	848,626	Apr. 2	14	4	127	1588
Building-blocks. Mold and die for making.....	G. F. Fisher.....	841,136	Jan. 15	2724	595	126	782
Building-blocks. Supporting-stand and mold for making.....	L. P. Normandin. (Reissue).....	12,626	Apr. 2	1468	298	127	1960
Building construction.....	E. J. Winslow.....	844,294	Feb. 12	2863	610	126	2544
Building construction.....	E. J. Winslow.....	844,295	Feb. 12	2866	610	126	2544
Building construction.....	E. J. Winslow.....	844,296	Feb. 12	2870	611	126	2545
Building construction.....	C. A. Reed and A. H. Stem.....	847,692	Mar. 19	3980	869-70	127	1065
Building construction.....	A. Mohr.....	850,948	Apr. 23	4498	940	127	2847
Building construction.....	W. H. Keyser.....	853,802	May 14	2686	593	128	774
Building construction.....	D. G. Hadley.....	855,704	June 4	494	103	128	1821
Building construction.....	J. A. Stransky and H. Riley.....	856,000	June 4	1073	223	128	1965
Building construction.....	E. McClure.....	857,821	June 25	4635	983	128	2969
Building construction.....	R. K. Jackson.....	859,663	July 9	2083	562	129	727
Building construction.....	L. K. Davis.....	864,452	Aug. 27	3648	1015	129	3314
Building construction.....	R. R. Candee.....	865,080	Sept. 3	498	137	130	151
Building construction.....	L. K. Davis.....	867,251	Oct. 1	33	10	130	1326
Building construction.....	L. K. Davis.....	867,252	Oct. 1	34	11	130	1326
Building construction.....	J. Mularke.....	869,380	Oct. 29	3414	939	130	2460
Building construction.....	W. V. Lee.....	872,658	Dec. 3	716	149	131	1280
Building construction.....	E. D. Martin.....	872,954	Dec. 3	1336	282	131	1376
Building construction. Clamp.....	H. E. White.....	875,396	Dec. 31	6309	1315	131	2303
Building construction. Clip for metal.....	W. Goss.....	854,209	May 21	3751	776	128	1030
Building construction material.....	G. M. Marshall.....	860,682	July 23	3649	999-1000	129	1303
Building constructions. Apparatus for demonstrating the strains in.....	E. Carlipp.....	871,861	Nov. 26	3598	880	131	981
Building constructions. Clamping device for.....	C. H. Seammell.....	875,219	Dec. 31	5959	1241	131	2248
Building. Earthquake-proof.....	J. Bechtold.....	845,046	Feb. 26	4622	983-4	126	3053
Building-foundation.....	P. Seiler.....	846,249	Mar. 5	1055	227	127	269
Building-foundations. Drainage for.....	E. C. Hodges.....	870,433	Nov. 5	895	241	131	294
Building. High.....	J. Gernaert.....	858,170	June 25	5362	1140	128	3153
Building material. Forming.....	J. Oltmanns.....	847,202	Mar. 12	2973	655	127	781
Building. Metal.....	H. Nissen.....	844,179	Feb. 12	2605	558	126	2476
Building-mold.....	J. D. Bickford.....	864,767	Sept. 3	3	1-2	130	3
Building purposes. Anchorage for.....	R. P. Smith.....	849,817	Apr. 9	2340	480	127	2219
Building-sheet.....	W. L. Caldwell.....	851,343	Apr. 23	5282	1107	127	3043
Building structure.....	R. Yeakum.....	844,988	Feb. 19	4489	958	126	2981
Building structure.....	A. F. Walker.....	859,471	July 9	1778	477	129	630
Building structure.....	H. S. Gardner.....	865,336	Sept. 3	886	254-5	130	268
Building structure. Composite.....	B. Cerutti.....	873,504	Dec. 10	2453	517	131	1593
Building-ventilator.....	J. Benton.....	869,687	Oct. 29	3920	1078	130	2614
Building. Wooden.....	H. H. Baker.....	841,759	Jan. 22	3947	853	126	1127
Buildings. Mason's platform for.....	C. J. Clark.....	842,382	Jan. 29	5255	1115	126	1490
Buildings. Metallic structural element for.....	H. L. Dunn.....	840,053	Jan. 1	519	113	126	139
Bulkhead-door, hatch, or other barrier.....	W. B. Cowles.....	847,165	Mar. 12	2875	633-5	127	757
Bulkhead-doors. Apparatus for electrically operating water-tight.....	R. H. Kirk.....	871,804	Nov. 26	3448	846-9	131	960
Bullet.....	J. H. Barlow.....	847,149	Mar. 12	2847	628	127	749

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Bullet.....	H. L. Broad.....	854,923	May 28	5144	1071	128	1413
Bullet.....	J. Piatkowski.....	872,081	Nov. 26	4097	981	131	1054
Bullet and shot. Self-lubricating.....	B. L. Williams.....	862,778	Aug. 6	1112	.....	129	2423
Bulletin-board.....	S. J. Connies.....	860,729	July 23	3716	1018	129	1323
Bulletin-board.....	T. M. Shank.....	875,003	Dec. 31	5542	1157	131	2178
Bulletin-board. Elastic.....	F. W. Weeks.....	841,291	Jan. 15	3016	655-6	126	853
Buncher. Side-delivery.....	N. G. Hanna.....	840,320	Jan. 1	1067	233	126	284
Buncher. Side-delivery.....	A. Smith.....	872,467	Dec. 3	324	66	131	1217
Bundle-carrier.....	H. M. Willis.....	850,705	Apr. 16	4036	843	127	2691
Bundle-loader.....	J. S. Richardson.....	844,747	Feb. 19	4047	862-3	126	2867
Bundler and binder.....	W. D. Harrell and J. E. McNown.....	870,362	Nov. 5	795	212	131	260
Bung.....	C. J. Bender.....	863,831	Aug. 20	2708	747	129	2992
Bung and cork extractor.....	J. Pfab.....	844,396	Feb. 19	3091	664	126	2637
Bung. Beer.....	F. E. Stauffer.....	841,348	Jan. 15	3142	678	126	888
Bung for barrels. Air-inlet and beer-outlet.....	G. A. W. Schilling and J. H. Flach.....	842,343	Jan. 29	5161	1097	126	1462
Bung-making machine. Compressed- Bung-starter.....	C. Seymour.....	848,503	Mar. 26	5570	1216-18	127	1491
Bung-tin.....	H. H. Ashenberg.....	873,116	Dec. 10	1700	355	131	1466
Bunk-block.....	E. J. Brooks.....	848,342	Mar. 26	5277	1150	127	1419
Bunsen burner.....	F. Nimmo.....	849,261	Apr. 2	1293	262	127	1918
Bunsen burner.....	F. Wheeler.....	859,355	July 9	1621	432	129	578
Bunsen burner.....	C. C. Travis and S. C. Higby.....	860,164	July 16	2841	776	129	1005
Bunsen burner.....	A. Rector.....	860,494	July 16	3338	914	129	1168
Buoy.....	W. C. Beebe.....	849,362	Apr. 9	1489	302	127	2002
Buoy.....	T. L. Willson.....	874,646	Dec. 24	4804	1009	131	2037
Buoy.....	T. L. Willson.....	875,140	Dec. 31	5805	1211	131	2222
Buoy and lifting device for sunken submarine boats. Signal- Buoy. Life-saving.....	E. L. Benson.....	861,795	July 30	5407	1490	129	1895
Buoy. Signal- Buoy. torpedo, and similar device.....	W. F. Clark.....	849,887	Apr. 9	2486	512	127	2257
Burden-carrier.....	T. L. Willson.....	873,917	Dec. 17	3280	700-1	131	1764
Bureau.....	W. E. Hill.....	846,567	Mar. 12	1717	378	127	466
Burette. Automatic.....	A. Hill.....	861,850	July 30	5485	1513	129	1918
Burglar-alarm.....	P. Rammingier.....	851,834	Apr. 30	6285	1310-11	127	3327
Burglar-alarm.....	A. J. Marschall.....	844,686	Feb. 19	3915	828	126	2834
Burglar-alarm.....	C. W. Kuen.....	843,614	Feb. 12	1566	330-1	126	2218
Burglar-alarm.....	J. Gaynor.....	845,629	Feb. 26	5757	1218	126	3337
Burglar-alarm.....	O. F. Smith.....	848,062	Mar. 26	4751	1036	127	1287
Burglar-alarm.....	E. L. Ryecraft.....	848,129	Mar. 26	4865	1062	127	1314
Burglar-alarm.....	C. L. Wilkins.....	851,190	Apr. 23	4959	1042	127	2961
Burglar-alarm.....	J. A. Smith.....	855,023	May 28	5347	1110	128	1463
Burglar-alarm.....	K. E. Hartmann.....	856,953	June 11	2930	615	128	2466
Burglar-alarm.....	C. Van Bergh.....	858,925	July 2	956	249	129	328
Burglar-alarm.....	B. See.....	862,667	Aug. 6	944	253	129	2375
Burglar-alarm.....	N. L. B. Doull.....	864,362	Aug. 27	3509	975	129	3267
Burglar-alarm.....	H. K. Geiger.....	868,543	Oct. 15	2089	584	130	1994
Burglar-alarm.....	B. Uhlmann.....	870,063	Nov. 5	300	82	131	101
Burglar-alarm.....	H. R. Lassen.....	870,732	Nov. 12	1364	373	131	479
Burglar-alarm.....	C. Van Bergh.....	873,638	Dec. 10	2714	574	131	1638
Burglar-alarm.....	G. A. Humason.....	874,202	Dec. 17	3909	823	131	1858
Burglar-alarm.....	U. Magni.....	875,197	Dec. 31	5915	1232	131	2241
Burglar-alarm and sash-holder. Combined.....	J. M. Montgomery.....	854,958	May 28	5202	1084	128	1428
Burglar-alarm and sash-lock. Combined.....	J. W. Carpenter.....	868,529	Oct. 15	2067	580	130	1985
Burglar-alarm. Detonating.....	A. V. Todd.....	847,975	Mar. 19	4567	1004	127	1202
Burglar-alarm. Electric.....	B. J. Cizkovsky.....	856,132	June 4	1314	275	128	2025
Burglar-alarm latch.....	I. Watkins.....	848,710	Apr. 2	183	38	127	1634
Burglar-alarm. Portable.....	J. L. Mulry.....	874,227	Dec. 17	3955	834	131	1866
Burglar-alarm relay-drop.....	D. D. Friedman.....	852,226	Apr. 30	7085	1481	127	3529
Burglar-alarm systems. Circuit-closing device for.....	W. H. Robins.....	853,736	May 14	2768	570	128	745
Burglar-alarm. Wireless.....	F. Keller.....	857,351	June 18	3704	783	128	2704
Burglar-trap.....	O. W. Gabrielson.....	857,456	June 18	3900	829	128	2752
Burglary. Device for alarm and detecting.....	P. Brauer.....	864,154	Aug. 27	3202	887	129	3171
Burial-case.....	J. F. Russell.....	852,080	Apr. 30	6805	1417	127	3450
Burial-case.....	J. C. Snyder.....	860,260	July 16	2985	816	129	1052
Burial casing or vault. Metallic.....	H. D. Clark.....	859,544	July 9	1894	509	129	667
Burial-casket.....	J. Maxwell.....	840,077	Jan. 1	578	125	126	154
Burial-casket.....	W. E. Swartz.....	840,810	Jan. 8	2040	451	126	563
Burial-casket.....	C. F. Egelman.....	842,831	Jan. 29	6217	1313	126	1729
Burial-casket.....	A. J. Merkelbach.....	855,324	May 28	5927	1237	128	1610
Burial-casket attachment.....	W. Cole.....	848,289	Mar. 26	5170	1126	127	1393
Burial-casket. Drop-front.....	W. H. Lawson.....	843,157	Feb. 5	645	136	126	1959
Burial-casket-lowering apparatus.....	W. J. Breed and J. G. Warther.....	849,104	Apr. 2	987	200-1	127	1840
Burial-crypt.....	W. I. Hood.....	858,070	June 25	5170	1095	128	3104
Burial-robe.....	W. J. Worden.....	845,840	Mar. 5	209	43	127	55
Burner: See Alcohol-burner. Lamp or lantern Bunsen burner. burner. Engine-burner. Lantern-burner. Fluid and oil burner. Liquid-fuel burner. Furnace-burner. Oil-burner. Furnace hydrocarbon- Oil and steam vapor burner. burner. Gas-burner. Pyrographic burner. Gas and air burner. Refuse-burner. Gas and vapor burner. Safety-burner. Heating-burner. Self-extinguishing Heating and illumina- burner. nating burner. Stove-burner. Heating and lighting Stove gas-burner. burner. Sulfur-burner. Hydrocarbon-burner. Tobacco - plant - bed Incandescent burner. burner. Injector-burner. Vapor-burner. Lamp-burner. Lamp and stove oil-burner.	J. H. Ackroyd.....	840,412	Jan. 1	1262	276-7	126	331
Burner.....	W. Mitchell.....	848,597	Mar. 26	5767	1259	127	1541
Burner.....	P. Mischke.....	849,255	Apr. 2	1280	259	127	1915

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Burner	B. A. Baxter	849,350	Apr. 9	1483	301	127	2001
Burner	A. G. Kaufman	865,183	Sept. 3	640	181	130	195
Burner	S. T. Willson	865,843	Sept. 10	1718	478	130	570
Burner	T. J. McGee and J. Gallagher	869,101	Oct. 22	2972	821	130	2295
Burner	M. W. Pitner	872,846	Dec. 3	1120	237	131	1341
Burner attachment	G. Dawe	850,907	Apr. 23	4425	925	127	2831
Burner attachment	M. J. Wolfe	851,191	Apr. 23	4962	1042	127	2962
Burner-regulator	H. Lemp	853,808	May 14	2899	596	128	777
Burning finely-divided fuel	G. S. Welles	858,640	July 2	497	128	129	173
Burning finely-divided fuel	G. S. Welles	867,177	Sept. 24	3728	1055	130	1264
Burning-kiln	F. A. Weigel	861,410	July 30	4813	1320	129	1714
Burning lime or other substances	J. Reaney, Jr.	862,657	Aug. 6	929	249	129	2372
Burning liquid fuel in conjunction with steam. Apparatus for	F. Cotton	844,004	Feb. 12	2282	489	126	2398
Burning vegetation and melting snow and ice. Device for	W. W. Lamb	851,011	Apr. 23	4606	965	127	2874
Burnishing-machine	H. Haubert and M. Olsen	844,019	Feb. 12	2312	494	126	2405
Bushing	C. A. Brinley	849,200	Apr. 2	1187	240	127	1892
Bushing	H. J. Gilbert	871,928	Nov. 26	3734	910	131	1002
Bushing and making same	J. R. Simpson	840,165	Jan. 1	760	166	126	206
Bushing. Bung	G. H. Ricke	871,444	Nov. 19	2743	692	131	815
Bushing-coupling	C. A. Freeman	848,819	Apr. 2	446	88	127	1700
Bushing for air-pin plates	J. F. Chambers	841,665	Jan. 22	3748	814	126	1075
Bushing-puller	J. Zimms	867,181	Sept. 24	3745	1056	130	1268
Bushing. Self-oiling	W. L. Perkins and S. W. Jenney	851,958	Apr. 30	6547	1364	127	3393
Bushings. Tool for removing	J. L. Alspaugh	869,861	Oct. 29	4170	1152	130	2688
Bust reducer and supporter	O. D. Cornell	870,226	Nov. 5	558	150	131	183
Bust-supporter	J. Bree	844,242	Feb. 12	2748	586	126	2515
Bust-supporter	J. Kellogg	862,170	Aug. 6	95	26	129	2114
Busts. Device for fastening heads to	E. T. Palmenberg	858,099	June 25	5233	1109	128	3121
Bustle	E. H. Wright	871,697	Nov. 19	3156	782	131	883
Butcher's-block meat-clamp	J. E. Reller	845,263	Feb. 26	5055	1075	126	3165
Butcher's blocks. Machine for surfacing	D. R. Ingram	844,022	Feb. 12	2315	495	126	2406
Butcher's chopping-block	F. J. Schmitt	855,347	May 28	5970	1246	128	1621
Butter and analogous substances. Molder and cutter for	A. W. Ward	867,772	Oct. 8	823	235	130	1585
Butter and fats. Apparatus for melting and purifying	C. A. Janson	854,422	May 21	4136	856	128	1128
Butter, &c. Apparatus for determining water in	C. E. Gray	858,868	July 2	878	229	129	302
Butter-cutter	F. J. Macnish and W. E. Penn	845,468	Feb. 26	5477	1160	126	3268
Butter-cutter	A. Jensen	855,404	May 28	6062	1267	128	1644
Butter-cutter	J. M. Low	858,997	July 2	1072	282	129	366
Butter-cutter	R. F. Stewart	865,447	Sept. 10	1065	304	130	353
Butter-cutter	A. C. Hummer	868,342	Oct. 15	1768	500	130	1895
Butter-cutter	J. M. Low	874,094	Dec. 17	3694	777	131	1821
Butter-cutting machine	P. Brahm	850,464	Apr. 16	3548	743	127	2567
Butter-cutting machine	R. A. Simpson	862,670	Aug. 6	948	255	129	2377
Butter-cutting machine	F. G. Hodell	872,422	Dec. 3	223	43-4	131	1203
Butter-cutting machine	R. W. Stevens	874,133	Dec. 17	3762	791-3	131	1834
Butter. Determining the percentage of water in	G. E. Patrick	864,913	Sept. 3	237	.....	130	74
Butter-fat. Extracting or obtaining	H. D. Cooke	875,325	Dec. 31	6169	.....	131	2279
Butter from cream. Extracting	L. Lillard	859,823	July 9	.....	627	129	800
Butter from cream or milk. Separation of	W. W. Mellor	862,089	July 30	5850	1622	129	2034
Butter in centrifugal apparatus. Manufacture of	J. V. M. Risberg	847,697	Mar. 19	3989	871	127	1066
Butter. Manufacture of	A. H. Borgström	870,217	Nov. 5	546	.....	131	179
Butter. Manufacture of process	R. Roos	854,383	May 21	4053	838	128	1109
Butter measure and cutter	D. F. Curtin	870,496	Nov. 5	979	267	131	317
Butter-mold	C. A. and L. F. Crane and F. M. Hentig	854,930	May 28	5155	1074	128	1417
Butter, oils, lard, and fats. Apparatus for renovating and refining	C. C. Martin and W. D. Jones	856,355	June 11	1821	376	128	2191
Butter-oils. Pneumatic agitating-tank for	C. C. Martin and W. D. Jones	856,354	June 11	1818	375	128	2190
Butter or the like material. Machine for cutting	C. E. and O. W. Roberts	841,818	Jan. 22	4077	877-8	126	1162
Butter-pat machine	L. Linkiewicz and W. Klein	840,145	Jan. 1	728	158	126	198
Butter preparatively to cutting it into individual portions. Device for molding	L. M. Medbury	863,621	Aug. 20	2401	660	129	2894
Butter-press and stamping-machine	A. Prince	851,434	Apr. 23	5459	1143	127	3088
Butter. Renovating and refining	C. C. Martin and W. D. Jones	856,353	June 11	1814	375	128	2190
Butter-separator	G. W. Winters	874,148	Dec. 17	3789	798	131	1839
Butter-separator. Pneumatic	L. Lillard	863,859	Aug. 20	2752	756	129	3006
Butter shipping and storing box	A. C. Hummer	862,739	Aug. 6	1060	286	129	2408
Butter. Treating	A. Fay	847,562	Mar. 19	3687	812	127	991
Butter-wiring apparatus	C. Sanderson	863,881	Aug. 20	2782	765	129	3015
Buttermilk substitute. Preparing a	A. Sauer	846,697	Mar. 12	1969	.....	127	531
Button	F. W. Goerdes	842,782	Jan. 29	6132	1294	126	1707
Button	A. E. Freeman	847,660	Mar. 19	3904	853	127	1047
Button	A. J. Levy	849,740	Apr. 9	2194	452	127	2181
Button	E. M. Strauss	853,607	May 14	2496	518	128	675
Button	W. S. Osborn	854,233	May 21	3799	784	128	1042
Button	O. L. Henerlau	855,575	June 4	246	49	128	1758
Button	E. R. Creelius	861,710	July 30	5264	1447	129	1851
Button	F. P. Pfelehar	863,438	Aug. 13	2114	570	129	2775
Button	A. J. Schneider	865,657	Sept. 10	1402	398	130	457
Button	J. W. Schloss	866,817	Sept. 24	3176	892	130	1091
Button	F. P. Pfelehar	867,924	Oct. 8	1077	305	130	1662
Button	I. Kalliwooda	870,725	Nov. 12	1354	369	131	475
Button	E. Shantz	870,907	Nov. 12	1652	454	131	567
Button	J. C. and J. A. Doran	873,354	Dec. 10	2176	455	131	1543
Button	J. C. and J. A. Doran	873,355	Dec. 10	2177	455	131	1543
Button and drawers-supporter. Combined trousers	J. T. Lane	846,321	Mar. 5	1192	263	127	307
Button and loop clasp	J. D. Conover	850,346	Apr. 16	3331	694	127	2512
Button and necktie-fastener. Combined collar	O. Winkler	858,694	July 2	576	149	129	199
Button and necktie-holder. Combined collar	F. D'Aversa and J. Campanello	868,535	Oct. 15	2074	581	130	1987
Button and sleeve-link. Collar	S. M. Brydges	866,187	Sept. 17	2232	622	130	758
Button-attaching device	C. H. Dome	867,352	Oct. 1	191	55	130	1370
Button-blanks from shells. Cutting	A. P. Wallace	844,064	Feb. 12	2392	512	126	2424

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Button. Collar.....	N. Casey.....	851,116	Apr. 23	4795	1009	127	2921
Button. Collar.....	A. Gaines.....	854,575	May 21	4425	919	128	1200
Button. Collar.....	A. Swanson.....	860,582	July 16	3472	954	129	1213
Button. Collar.....	F. D. Small.....	868,716	Oct. 22	2397	662	130	2117
Button. Collar.....	E. T. Atwell.....	869,405	Oct. 29	3457	949	130	2473
Button. Collar.....	S. M. Brydges.....	870,222	Nov. 5	553	148	131	181
Button. Collar.....	J. N. Mills.....	874,224	Dec. 17	3951	834	131	1865
Button. Collar or cuff.....	T. H. Sparks.....	856,819	June 11	2697	557	128	2412
Button. Cuff.....	E. R. Crecelius.....	850,350	Apr. 16	3338	695	127	2514
Button. Cuff.....	J. Pejchar.....	807,529	Oct. 1	458	131	130	1456
Button cutting and sawing machine. Automatic.....	J. W. Miller.....	850,033	Apr. 9	2709	569-70	127	2311
Button. Detachable.....	Z. M. Leger.....	843,158	Feb. 5	647	136	126	1959
Button. Emergency.....	U. S. Alz.....	857,917	June 25	4825	1023	128	3015
Button. Fastening.....	P. MacGregor.....	861,873	July 30	5516	1522	129	1928
Button. Fastening.....	P. MacGregor.....	868,791	Oct. 22	2509	691	130	2151
Button-feeding mechanism.....	E. P. Merwin.....	866,046	Sept. 17	2023	565	130	692
Button for lacing terminals. Fastener.....	T. F. Burke.....	874,161	Dec. 17	3812	804	131	1843
Button-holder.....	A. H. Cushman.....	842,177	Jan. 29	4810	1027	126	1373
Button. Hose-supporter.....	E. Cleary.....	851,980	Apr. 30	6582	1371	127	3402
Button. Laundry.....	J. S. Barnes.....	869,872	Nov. 5	4	1	131	4
Button-loop.....	T. S. Haley.....	872,230	Nov. 26	4399	1045	131	1103
Button-machine.....	W. C. Hopkins and J. W.....	840,939	Jan. 8	2311	508	126	630
Button-machine.....	H. J. Skipp.....	846,806	Mar. 12	2184	480	127	586
Button-machine. Wire.....	F. Margraff.....	846,330	Mar. 5	1210	268	127	306
Button-making machine.....	E. G. Denniston.....	863,702	Aug. 20	2507	692	129	2930
Button-making machinery.....	N. Barry, Jr.....	864,720	Aug. 27	4106	1140	129	3456
Button or stud.....	C. E. Hansen.....	855,173	May 28	5660	1177	128	1543
Button-polishing machine.....	A. W. Morris.....	858,615	July 2	440	115	129	154
Button. Self-attaching.....	H. O. Reese.....	872,149	Nov. 26	4223	1008	131	1076
Button. Separable.....	J. W. Lomax.....	863,543	Aug. 13	2270	616	129	2822
Button. Separable.....	M. D. Shipman.....	871,897	Nov. 26	3663	893	131	992
Button. Shoe.....	E. S. Ellis.....	874,314	Dec. 17	4136	870	131	1895
Button. Snap.....	O. A. Iversen and H. A. Finsrud.....	847,253	Mar. 12	3055	674	127	801
Button-tuft.....	D. B. Shantz.....	871,303	Nov. 19	2426	627	131	768
Button. Tufting.....	A. Freschl.....	859,934	July 16	2491	677	129	889
Button-turning machinery.....	S. O. McMaster.....	855,901	June 4	897	186	128	1921
Buttons, brooches, belt-clasps, and buckle-fronts from horn and hoof. Manufacture of.....	F. H. Grove.....	849,608	Apr. 9	1970	.....	127	2125
Buttons. Making pearl.....	N. Barry, Jr.....	863,498	Aug. 13	2209	597	129	2804
Buttons. Socket member of glove.....	C. R. Weidmüller.....	860,427	July 16	3239	886	129	1134
Buttons. Tool for placing shanked.....	A. H. Cushman.....	857,385	June 18	3772	798	128	2721
Buttoner and horn. Shoe.....	J. L. Sommer.....	841,192	Jan. 15	2818	644	126	806
Buttonhole.....	P. Weiss.....	861,068	July 23	4249	1165	129	1495
Buttonhole-cutting machine.....	S. Lewis.....	858,190	June 25	5396	1149	128	3161
Buttonhole-shield.....	J. Nickel.....	872,574	Dec. 3	554	114	131	1251
Buttonhole-stitching machine.....	E. B. Allen.....	857,145	June 18	3318	699-700	128	2606
Buttonhole-stitching machine.....	C. A. Dahl.....	862,238	Aug. 6	211	58	129	2148
Buttonhole-stitching machine.....	E. B. Allen.....	864,144	Aug. 27	3185	880-2	129	3167
Buttonhole-stitching machine.....	E. B. Allen.....	865,324	Sept. 3	864	248-9	130	262
Buttonhole-stitching machines. Needle-bar mechanism for.....	E. B. Allen.....	856,617	June 11	2335	480	128	2319
Buttonhole-strip.....	L. S. Newcomb.....	870,988	Nov. 12	1794	489	131	611
Butts and hinges. Machine for making.....	W. S. Trask.....	869,998	Nov. 5	198	52-4	131	70
Cab-window.....	J. D. Lane.....	869,972	Nov. 5	140	38	131	46
Cabinet.....	M. W. Randolph.....	845,707	Feb. 26	5925	1252	126	3380
Cabinet.....	L. W. Dickinson.....	845,728	Feb. 26	5974	1262	126	3391
Cabinet.....	J. Herzog.....	846,848	Mar. 12	2280	502	127	611
Cabinet.....	O. M. Tate.....	851,386	Apr. 23	5367	1124-5	127	3064
Cabinet.....	O. R. Hunt.....	856,155	June 4	1359	284-5	128	2036
Cabinet.....	H. J. Gerner.....	863,981	Aug. 20	2932	807	129	3061
Cabinet.....	W. B. Madison.....	866,043	Sept. 17	2020	563	130	691
Cabinet.....	J. J. McIntyre.....	866,158	Sept. 17	2191	610	130	745
Cabinet.....	E. U. Kinsey.....	874,087	Dec. 17	3682	774-5	131	1819
Cabinet and display-rack for neckties.....	L. M. Speer.....	871,530	Nov. 19	2927	731	131	843
Cabinet and receptacle. Commodity.....	J. H. Boye.....	850,515	Apr. 16	3658	764	127	2596
Cabinet. Barrel.....	A. Hitzert.....	866,724	Sept. 24	3030	855	130	1045
Cabinet bracket. Clothing.....	H. Frankel.....	850,363	Apr. 16	3357	701	127	2519
Cabinet. Clothing.....	J. T. Battis.....	859,425	July 9	1722	458	129	611
Cabinet. Commodity.....	J. H. Boye.....	859,196	July 9	1365	362	129	490
Cabinet. Compositor's bracket.....	F. J. Walker.....	870,601	Nov. 12	1143	312	131	404
Cabinet. Cooling and dispensing.....	J. Thuemling.....	840,176	Jan. 1	777	170	126	209
Cabinet. Credit.....	W. M. Ellett and R. M. Vick.....	844,338	Feb. 19	2973	635	126	2609
Cabinet. Delivery.....	D. H. Whagen.....	844,431	Feb. 19	3147	676-7	126	2653
Cabinet. Disappearing-table.....	W. H. Carroll.....	871,084	Nov. 12	1928	529	131	652
Cabinet. Filing.....	W. A. Giboney.....	858,972	July 2	1041	274	129	356
Cabinet for music-spools.....	R. J. Cadv.....	850,210	Apr. 16	3073	644	127	2442
Cabinet. Grocer's.....	R. T. Durham.....	872,225	Nov. 26	4392	1044	131	1102
Cabinet. Grocery.....	W. J. Perritt.....	870,196	Nov. 5	509	139-40	131	166
Cabinet. Ironer's.....	L. R. Trager.....	870,805	Nov. 12	1491	407	131	517
Cabinet. Kitchen.....	A. Franke.....	839,992	Jan. 1	378	82	126	103
Cabinet. Kitchen.....	G. W. Wysor.....	842,440	Jan. 29	5394	1142-3	126	1529
Cabinet. Kitchen.....	A. R. Stephens.....	842,720	Jan. 29	6010	1266	126	1680
Cabinet. Kitchen.....	C. A. Ellis.....	848,979	Apr. 2	736	149	127	1775
Cabinet. Kitchen.....	I. O. Curtice.....	854,569	May 21	4410	915	128	1196
Cabinet. Kitchen.....	M. M. Ross.....	858,628	July 2	479	123	129	167
Cabinet. Kitchen.....	A. O. Byers.....	860,444	July 16	3273	894	129	1146
Cabinet. Kitchen.....	H. Harild.....	861,114	July 23	4317	1185	129	1519
Cabinet. Kitchen.....	I. W. McClanahan.....	861,532	July 30	4986	1370	129	1767
Cabinet. Kitchen.....	A. C. Kerr.....	873,440	Dec. 10	2327	489	131	1572
Cabinet. Machine-bearing.....	T. Kundtz and J. Rehor.....	857,181	June 18	3394	716-17	128	2626
Cabinet. Medicine.....	O. Jaeger.....	856,587	June 11	2269	466	128	2302
Cabinet. Medicine.....	J. Haller.....	863,985	Aug. 20	2937	808	129	3062
Cabinet. Merchandise.....	L. Matthews, Jr.....	846,121	Mar. 5	833	174	127	215
Cabinet. Physician's.....	H. A. Hughes.....	842,669	Jan. 29	5885	1240-1	126	1650
Cabinet. Picture.....	E. E. Viets.....	846,531	Mar. 12	1639	364	127	446
Cabinet. Prescription.....	E. F. Wallace.....	853,528	May 14	2333	486	128	632

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Cabinet. Register.....	P. G. Powers.....	862,757	Aug. 6	1089		293	129	2416
Cabinet. Rotary stand.....	A. H. Case.....	856,764	June 11	2601		534	128	2388
Cabinet. Sanitary toilet.....	J. Pfeffer.....	851,028	Apr. 23	4632		972	127	2881
Cabinet. Sectional.....	H. P. Hamilton.....	872,415	Dec. 3	198		40	131	1200
Cabinet-table.....	N. L. Jewell.....	841,405	Jan. 15	3251		701	126	916
Cabinet-table. Kitchen.....	Z. Knapp.....	846,319	Mar. 5	1189		262	127	301
Cabinet. Thread.....	C. E. Dove.....	856,945	June 11	2918		612	128	2463
Cable. Aerial.....	G. Strambini.....	843,116	Feb. 5	574	120-1	126	194	
Cable attachment.....	F. R. Willson, Jr.....	870,003	Nov. 5	209	55-6	131	75	
Cable-bonding device.....	H. E. Adams.....	852,691	May 7	649	125	128	173	
Cable carrier apparatus.....	G. A. Amsden.....	871,768	Nov. 26	3383	830-1	131	949	
Cable-chain-connecting means.....	A. Frankenheim.....	852,264	Apr. 30	7146	1496	127	3544	
Cable-clamp.....	F. B. Cook.....	839,919	Jan. 1	241	51	126	67	
Cable-clamp.....	A. H. Meech.....	851,822	Apr. 30	6254	1305	127	3319	
Cable-clamp.....	A. H. Meech.....	870,242	Nov. 5	581	156	131	190	
Cable clamp. Well-drilling.....	C. F. Rigby.....	873,090	Dec. 10	1656	344-5	131	1458	
Cable-cutting device.....	C. Petrie.....	843,359	Feb. 5	1059	219	126	2057	
Cable-drum mechanism.....	C. Pirtle.....	873,781	Dec. 17	3007	638	131	1719	
Cable-hanger.....	B. H. Skinner.....	844,200	Feb. 12	2652	569	126	2488	
Cable-hanger.....	C. L. Peirce, Jr.....	856,099	June 4	1234	260	128	2004	
Cable-hanger.....	T. A. Walsh.....	868,511	Oct. 15	2029	569	130	1974	
Cable hanger. Electrical.....	R. S. Peirce.....	861,887	July 30	5534	1527	129	1934	
Cable-holding clip.....	A. Andrews and L. M. Galliher.....	841,914	Jan. 22	4271	920	126	1207	
Cable-joint. Metal-sheathed.....	C. W. Davis.....	873,215	Dec. 10	1882	394	131	1496	
Cable-roller.....	W. Callahan.....	856,335	June 11	1755	364	128	2171	
Cable-suspension device.....	M. C. Williams.....	870,002	Nov. 5	208	55	131	74	
Cable-terminal.....	F. B. Cook.....	861,812	July 30	5434	1497	129	1902	
Cable-terminal.....	F. B. Cook.....	862,543	Aug. 6	753	201	129	2317	
Cable-terminal and junction-box.....	F. B. Cook.....	871,984	Nov. 26	3873	936-7	131	1621	
Cable-terminal and system of protection.....	F. B. Cook.....	862,542	Aug. 6	751	201	129	2317	
Cable traction device.....	I. D. Smead.....	841,821	Jan. 22	4087	879	126	1165	
Cables, &c. Apparatus for cutting.....	C. Waller.....	872,312	Nov. 26	4547	1077	131	1128	
Cables into conduits. Apparatus for feeding.....	E. J. Hutchins.....	855,952	June 4	980	204	128	1941	
Cables, pipes, rods, and the like, and in a flux therefor. Joining of.....	S. L. Smith and T. Harden.....	868,498	Oct. 15	2010	130	1968		
Cables, rods, tubes, and the like. Apparatus for covering.....	P. Schmidt.....	840,715	Jan. 8	1862	410-11	126	521	
Cables. Steel supporting structure for electric transmission.....	A. K. Mansfield.....	849,908	Apr. 9	2519	520	127	2265	
Cables, strands, and the like. Feeding apparatus for.....	L. A. Holman.....	872,064	Nov. 26	4061	973	131	1048	
Cableway. Suspension.....	L. C. McCormick and S. Flory.....	844,386	Feb. 19	3066	657	126	2633	
Cage.....	D. W. Jones.....	855,784	June 4	660	135	128	1863	
Cage. Breeding.....	H. M. Smith.....	866,396	Sept. 17	2540	708-9	130	856	
Caisson air-lock.....	C. I. Earll.....	839,931	July 16	2486	675-6	129	887	
Caisson construction.....	A. Z. McLeod.....	873,069	Dec. 10	1609	336	131	1451	
Cake-cutter.....	V. T. Littlefield.....	848,561	Mar. 26	5679	1242	127	1518	
Cake-cutter.....	S. J. Harding.....	848,823	Apr. 2	451	89	127	1701	
Cake-forming machine.....	E. B. Anderson.....	872,885	Dec. 3	1196	254	131	1354	
Cake-machine.....	G. S. Ward.....	852,208	Apr. 30	7052	1472-4	127	3520	
Cake-tin support.....	W. L. Gale.....	841,502	Jan. 15	3444	742	126	968	
Cake-turner.....	M. C. Walston.....	849,293	Apr. 2	1350	272	127	1932	
Calamins. Process to utilize the inferior.....	F. S. Moyano.....	863,417	Aug. 13	2084	129	2767		
Calcinig-furnace.....	T. McNeal.....	850,041	Apr. 9	2727	573	127	2314	
Calcium carbide, &c. Manufacture of.....	J. C. King.....	872,351	Dec. 3	68	13	131	1179	
Calcium carbide. Producing.....	E. F. Price.....	855,476	June 4	66	14	128	1711	
Calcium carbide. Producing.....	E. F. Price.....	856,477	June 4	68	15	128	1712	
Calcium-carbide product.....	J. T. Morehead.....	862,093	July 30	5856	129	2035		
Calcium hydride. Producing.....	P. Askenasy and L. Stockem.....	857,146	June 18	3322	128	2607		
Calcium peroxid. Making.....	O. Liebknecht.....	847,670	Mar. 19	3929	127	1052		
Calculating and type-writing machine. Combined.....	C. E. Green.....	858,650	July 2	514	132-3	129	179	
Calculating device.....	R. L. Hibbard.....	843,944	Feb. 12	2179	466	126	2374	
Calculating device.....	B. M. Des Jardins.....	844,554	Feb. 19	3416	736-7	126	2717	
Calculating device.....	G. H. Benedict.....	862,232	Aug. 6	199	55	129	2145	
Calculating-machine.....	N. J. Goldfarb.....	844,120	Feb. 12	2491	535	126	2449	
Calculating-machine.....	W. R. Bonham.....	845,747	Mar. 5	30	7	127	11	
Calculating-machine.....	A. J. Postans.....	851,433	Apr. 23	5454	1142	127	3087	
Calculating-machine.....	L. G. Julihn.....	856,349	June 11	1784	371-4	128	2178	
Calculating-machine.....	E. S. Ensign.....	859,552	July 9	1909	513	129	671	
Calculating-machine.....	G. H. Morse.....	861,303	July 30	4621	1263-4	129	1653	
Calculating-machine.....	B. F. Stump.....	865,808	Sept. 10	1636	462	130	533	
Calculating-machine.....	W. M. Boehm.....	870,009	Nov. 5	215	57-8	131	77	
Calculating-machine.....	C. J. Smith.....	873,181	Dec. 10	1832	383-4	131	1486	
Calculating-machine registering mechanism.....	J. F. Mays.....	842,682	Jan. 29	5924	1248-9	126	1658	
Calculating-machines. Adjusting-lever arrangement for.....	F. Trinks.....	843,506	Feb. 5	1335	281	126	2127	
Calculating-stand.....	F. Rieck.....	861,541	July 30	5013	1376	129	1777	
Calculating the price of articles. Device for.....	J. A. Cheape.....	866,914	Sept. 24	3305	933	130	1131	
Calculator.....	K. H. J. Marckwordt.....	841,413	Jan. 15	3269	705	126	920	
Calculator.....	W. F. Hunt.....	853,411	May 14	2100	438	128	571	
Calculator.....	E. Leder.....	867,061	Sept. 24	3542	1003-5	130	1204	
Calculator.....	C. H. Ocumpaugh.....	869,511	Oct. 29	3629	995	130	2525	
Calumeter.....	A. Englerth.....	862,324	Aug. 6	357	98-9	129	2195	
Calendar.....	R. C. and P. Sellers.....	846,250	Mar. 5	1056	228	127	266	
Calendar.....	J. E. Treat.....	854,127	May 21	3590	740	128	985	
Calendar.....	J. Neulander.....	866,802	Sept. 24	3154	887	130	1084	
Calendar.....	H. A. Marshman.....	868,878	Oct. 22	2631	727	130	2188	
Calendar.....	W. T. Berry.....	869,411	Oct. 29	3468	952	130	2477	
Calendar.....	J. Ferreres.....	869,430	Oct. 29	3500	960-1	130	2486	
Calendar.....	A. Anderson.....	873,696	Dec. 10	2821	601-2	131	1657	
Calendar and holder therefor.....	T. H. Cox.....	865,871	Sept. 10	1751	488	130	578	
Calendar. Lunar.....	G. Casale.....	853,950	May 21	3247	666	128	901	
Calendar. Memorandum.....	L. D. Dozier.....	859,052	July 2	1148	307	129	390	
Calendar. Perpetual.....	O. W. Dahl.....	841,669	Jan. 22	3754	815-16	126	1077	
Calendar. Perpetual.....	W. J. Hartman.....	854,888	May 28	5087	1057	128	1398	
Calendar. Perpetual.....	H. V. Vogt.....	855,078	May 28	5480	1136-7	128	1498	
Calendar rack. Memorandum-desk.....	W. S. Sloan.....	848,060	Mar. 26	4748	1035	127	1286	

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Calendar. Record-.....	F. H. Rice.....	851,439	Apr. 23	5469	1145	127	3090
Calendar-roller.....	H. Bostell.....	867,908	Oct. 8	1056	299	130	1655
Calendar-rollers for producing embossed or raised patterns.	J. Kleinfewefers.....	842,890	Feb. 5	95	22-3	126	1815
Calendering-roll.....	J. L. Perkins.....	861,888	July 30	5536	1527	129	1934
Calibrating device.....	C. H. Hill.....	861,212	July 23	4461	1224	129	1566
Caliper-gage. Combination.....	B. J. Roehm.....	845,899	Mar. 5	360	73	127	94
Calipers.....	A. Thomsen.....	868,896	Oct. 22	2662	736	130	2199
Calipers. Computing.....	A. E. Putnam.....	853,262	May 14	1798	375	128	488
Calipers. Indicator attachment for.....	J. E. Kampe.....	848,831	Apr. 2	470	91	127	1707
Calipers. Micrometer.....	F. Spalding.....	842,263	Jan. 29	4982	1064	126	1414
Calipers. Micrometer.....	E. Heym.....	874,197	Dec. 17	3895	820	131	1856
Calipers, scale, and dividers. Combined.....	F. Anderson.....	864,145	Aug. 27	3192	883	129	3168
Calipering-machine.....	E. C. Aszman.....	862,126	Aug. 6	8	3	129	2083
Calk.....	A. Distler.....	869,962	Nov. 5	123	35	131	40
Calking-tool.....	T. G. Ames.....	858,938	July 2	981	255	129	337
Calking vessels. Means for.....	V. P. McVoy and R. B. King.....	853,723	May 14	2748	565	128	740
Call apparatus. Selective.....	J. A. Hult.....	850,837	Apr. 16	4268	896-7	127	2749
Call. Automatic time.....	J. E. Boone.....	866,327	Sept. 17	2440	681	130	824
Calling device. Automatic.....	W. O. Beck.....	856,386	June 11	1886	389	128	2207
Calorimeter. Steam.....	L. M. Ellison.....	857,984	June 25	4982	1053	128	3057
Cam. Adjustable.....	B. M. W. Hanson.....	855,773	June 4	640	131	128	1859
Cam. Adjustable.....	J. P. Hedstrom.....	867,724	Oct. 8	753	211	130	1563
Cam. Adjustable.....	B. M. W. Hanson and J. H. Montstream.....	868,086	Oct. 15	1373	384	130	1775
Cams and the like. Fastening means for.....	S. Masters.....	859,093	July 2	1203	324	129	406
Came.....	T. W. Morrell.....	873,067	Dec. 10	1606	336	131	1450
Camera.....	W. F. Folmer.....	843,140	Feb. 5	613	130	126	1951
Camera.....	W. J. Little.....	844,152	Feb. 12	2558	549	126	2465
Camera.....	C. I. Flory.....	845,864	Mar. 5	259	53-4	127	66
Camera.....	J. A. H. Hatt.....	851,593	Apr. 23	5776	1208	127	3166
Camera.....	E. L. Hall.....	859,655	July 9	2072	560	129	724
Camera attachment. Tripod.....	B. A. Vaughn and W. G. Bissell.....	855,149	May 28	5618	1168	128	1533
Camera. Book.....	J. A. Pautasso.....	861,606	July 30	5109	1403	129	1806
Camera focusing device.....	J. A. Dimock.....	864,773	Sept. 3	12	4	130	6
Camera focusing-hood.....	F. Buchhop and H. Niemann.....	864,406	Aug. 27	3569	992	129	3286
Camera focusing-screen.....	F. A. Brownell.....	856,618	June 11	2337	480-1	128	2320
Camera-lenses. Adjustable standard for.....	F. V. Conley.....	862,883	Aug. 13	1282	347-8	129	2512
Camera lucidas. Adjusting device for.....	A. Taylor.....	853,136	May 7	1537	320	128	388
Camera-magazine.....	O. H. Weichel.....	862,362	Aug. 6	417	113-14	129	2215
Camera. Magazine developing.....	L. Mandel.....	840,786	Jan. 8	2001	443	126	554
Camera. Monocular.....	C. G. Stevens.....	862,354	Aug. 6	399	110	129	2208
Camera multiplying-back.....	W. C. Seckler.....	871,302	Nov. 19	2422	627	131	767
Camera. Panorama.....	W. A. Case.....	866,257	Sept. 17	2325	649	130	787
Camera. Panorama.....	A. Müller and J. Klein.....	867,396	Oct. 1	250	74	130	1391
Camera. Panorama.....	R. H. Trumbull.....	862,596	Aug. 6	842	224	129	2346
Camera. Photographic.....	L. J. R. Holst and L. Borsum.....	855,004	May 28	5298	1101	128	1451
Camera. Photographic.....	L. Borsum.....	858,145	June 25	5319	1130-1	128	3142
Camera. Photographic.....	L. Borsum.....	867,238	Oct. 1	15	4-5	130	1321
Camera roller-blind shutter. Photographic.....	C. Sassee.....	842,251	Jan. 29	4961	1059	126	1409
Camera shading-hood.....	J. D. Garfield.....	843,449	Feb. 5	1200	253	126	2091
Camera-stand.....	K. Nelson.....	849,557	Apr. 9	1880	383	127	2103
Camera-stand.....	P. V. W. Welsh.....	855,825	June 4	742	153	128	1882
Cameras and roll-holders. Winding-key for film.....	C. Bornmann.....	842,825	Jan. 29	6203	1310	126	1725
Cameras. Appliance for adjusting and working iris diaphragms of photographic.....	A. Watkins and C. G. Woodhead.....	871,654	Nov. 19	3146	781	131	881
Cameras. Stereoscopic attachment for photographic.....	W. Salow.....	840,378	Jan. 1	1208	264	126	318
Campaign device.....	G. A. Beidler.....	844,492	Feb. 19	3283	708	126	2686
Camphene. Manufacture of.....	F. Koch.....	870,829	Nov. 12	1529	.....	131	529
Camphor from camphene, isoborneol, or other camphor-producing substances. Producing.....	C. Glaser.....	875,062	Dec. 31	5653	.....	131	2197
Camphor from isoborneol. Making.....	C. Philipp.....	849,018	Apr. 2	798	.....	127	1790
Camphor. Making.....	C. Glaser.....	864,162	Aug. 27	3212	.....	129	3174
Camping outfit. Combination.....	C. Massey.....	844,603	Feb. 19	3752	790	126	2793
Can:							
See Ash-can.....	Milk-handling can.....						
Battery-can.....	Oil-can.....						
Compartment-can.....	Oil or gasoline can.....						
Drip-can.....	Paint-can.....						
Dispensing-can.....	Rectangular can.....						
Display-can.....	Refuse-can.....						
Filtering-can.....	Safety-can.....						
Friction-top can.....	Sectional or compartment can.....						
Garbage-can.....	Sheet-metal can.....						
Ice-cream can.....	Sheet-metal slip-cover can.....						
Ice-cream-freezer can.....	Sliver-can.....						
Jacket-can.....	Starter-can.....						
Key-opening can.....	Tin can.....						
Measuring-can.....							
Milk-can.....							
Can.....	E. Eckart.....	840,484	Jan. 8	1415	312	126	407
Can.....	E. Norton.....	863,086	Aug. 13	1590	429	129	2610
Can and jar opener. Combined.....	M. Sarvalla and P. J. Zeien.....	848,691	Apr. 2	141	30	127	1623
Can and means for venting and closing same.....	J. W. Hearn.....	848,463	Mar. 26	5506	1199	127	1475
Can-body end-flanging mechanism.....	H. C. Black.....	858,783	July 2	724	191	129	250
Can-body forming and soldering machine.....	G. Gardner.....	867,030	Sept. 24	3494	989-92	130	1190
Can-body-forming machine.....	J. A. Gray.....	871,268	Nov. 19	2332	608-9	131	755
Can-bottoming machine.....	W. E. Harmon.....	853,239	May 14	1755	365-6	128	477
Can-cap turning and arranging means.....	J. T. Wilmore.....	847,451	Mar. 19	3474	761	127	934
Can-caps with solder rims. Machine for edging.....	O. J. Johnson.....	860,302	July 16	3045	834-5	129	1070
Can-capping machine.....	S. Hookey.....	848,651	Apr. 2	54	12-13	127	1598
Can-capping machine.....	E. J. Judge.....	869,091	Oct. 22	2960	817-18	130	2292
Can-capping machine.....	G. G. Glass.....	874,956	Dec. 31	5446	1139-40	131	2162
Can-capping machine. Electrically-heated.....	M. H. Johnson.....	872,656	Dec. 3	712	148	131	1279
Can-cleaning, sterilizing, and drying apparatus. Milk.....	C. H. Hood.....	864,131	Aug. 20	3156	874	129	3129
Can-cleaning, sterilizing, and drying apparatus. Milk.....	C. H. Hood.....	864,132	Aug. 20	3160	874	129	3130

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Can-cleaning, sterilizing, and drying apparatus. Milk-	C. H. Hood.....	864,133	Aug. 20	3163	875	129	3131
Can-closure.....	A. Brundrett.....	842,444	Jan. 29	5403	1145	126	1531
Can-closure.....	A. L. Caprini.....	843,516	Feb. 5	1356	285	126	2132
Can-closure.....	G. H. Dunbar.....	844,108	Feb. 12	2475	531	126	2444
Can-closure.....	E. A. Hawkinson.....	862,908	Aug. 13	1318	359	129	2523
Can-closure.....	E. Eckart.....	868,850	Oct. 22	2597	717	130	2178
Can-closure.....	J. A. Fleming.....	869,076	Oct. 22	2941	810	130	2286
Can-closure.....	S. B. Sleight.....	874,256	Dec. 17	4005	846	131	1875
Can-cover.....	B. F. Goldman.....	849,064	Apr. 2	903	185	127	1818
Can-cover clip.....	G. Ackermann.....	875,311	Dec. 31	6127	1278	131	2275
Can-cover fastener.....	C. E. Bertels. (Reissue).....	12,629	Apr. 9	2898	605	127	2356
Can-crimping machine.....	C. W. Graham.....	874,498	Dec. 24	4488	945	131	1987
Can-cutter and spout.....	E. F. Cavellier.....	850,465	Apr. 16	3550	743	127	2568
Can-end crimping and seaming mechanism.....	H. C. Black.....	858,784	July 2	727	191-2	129	251
Can-filling machine.....	C. H. Ayars.....	854,683	May 21	4619	962-3	128	1248
Can-filling machine.....	S. E. Morral.....	860,313	July 16	3069	839-40	129	1079
Can-flanging and head-seaming mechanism.....	H. C. Black.....	858,785	July 2	731	192-3	129	252
Can for polishing compositions.....	L. M. Kregelius.....	858,725	July 2	631	165	129	218
Can-forming machine.....	C. B. McDonald.....	864,325	Aug. 27	3451	961-2	129	3248
Can-head-cutting machine.....	M. J. Ferren.....	869,075	Oct. 22	2939	809-10	130	2285
Can-heading machine.....	N. Troyer.....	846,966	Mar. 12	2512	554-5	127	668
Can-heading machine.....	J. Brenzinger. (Reissue).....	12,668	July 2	1347	358	129	455
Can-heading machine.....	W. H. H. Stevenson.....	862,524	Aug. 6	713	191-2	129	2307
Can-heading machine.....	J. Brenzinger.....	867,472	Oct. 1	363	104-5	130	1425
Can-heading machine.....	N. Troyer.....	871,379	Nov. 19	2588	662-3	131	793
Can-heading machine.....	J. L. Allen.....	871,383	Nov. 19	2597	665-7	131	795
Can-heading machine. Automatic.....	J. J. Griffin.....	862,634	Aug. 6	896	240-1	129	2361
Can-holder.....	A. Rivard.....	858,672	July 2	546	141	129	189
Can holder. Oil.....	W. L. Chrysler and J. W. Kays.....	866,258	Sept. 17	2331	649	130	790
Can-holding clamp.....	M. L. Marshall.....	862,493	Aug. 6	661	177	129	2293
Can-jackets or other receptacles. Handle for sheet-metal.....	G. W. Weber.....	846,076	Mar. 5	739	155	127	186
Can-lid lock. Milk.....	W. Hall.....	853,406	May 14	2093	435	128	569
Can-lifter.....	C. F. Alline.....	869,152	Oct. 22	3052	842	130	2320
Can-making machine.....	T. J. Dugan.....	848,296	Mar. 26	5185	1130-2	127	1396
Can-making-machine blank-feeding attachment.....	A. Velk.....	847,625	Mar. 19	3846	841	127	1031
Can-marking machine.....	I. S. Merrell.....	875,092	Dec. 31	5714	1191	131	2206
Can-nozzle. Safety.....	W. H. McNutt.....	855,525	June 4	156	31	128	1734
Can-opener.....	F. C. Smalstig.....	844,202	Feb. 12	2655	569	126	2489
Can-opener.....	R. W. Horton and J. E. Molesworth.....	846,921	Mar. 12	2423	532	127	645
Can-opener.....	F. Garrecht.....	848,456	Mar. 26	5497	1197	127	1473
Can-opener.....	A. G. Snowdon.....	849,929	Apr. 9	2556	529	127	2275
Can-opener.....	H. Rütt.....	854,434	May 21	4156	861	128	1133
Can-opener.....	F. G. Aschbrenner.....	857,009	June 18	3052	643	128	2537
Can-opener.....	R. T. Stevenson.....	857,212	June 18	3449	728	128	2640
Can-opener.....	H. J. Cassard.....	857,871	June 25	4722	1003	128	2990
Can-opener.....	W. Niebaum.....	859,969	July 16	2541	690	129	905
Can-opener.....	J. Codville.....	862,710	Aug. 6	1007	270	129	2394
Can-opener.....	G. M. Ross.....	863,652	Aug. 20	2444	672	129	2908
Can-opener.....	C. L. Tisdale.....	863,673	Aug. 20	2470	681	129	2916
Can-opener.....	B. Biehl.....	874,290	Dec. 17	4081	800	131	1884
Can-opener.....	L. P. Theriault.....	874,457	Dec. 24	4402	928	131	1974
Can opener and seal. Milk.....	E. D. Waterbury.....	868,512	Oct. 15	2029	569	130	1974
Can or box opener.....	R. S. Hiltner.....	863,393	Aug. 13	2058	556	129	2759
Can-tapping apparatus.....	F. J. Heybach.....	868,605	Oct. 15	2202	613	130	2032
Can top. Powder.....	J. H. Goss.....	850,086	Apr. 9	2821	591	127	2339
Can top. Powder.....	A. F. Wolff.....	853,141	May 7	1546	321	128	390
Can top. Powder.....	A. F. Wolff.....	859,898	July 9	2431	661	129	837
Can top. Powder.....	A. V. Oldham.....	860,105	July 16	2758	753	129	975
Can-vent-shielding machine.....	H. J. Douglass.....	873,519	Dec. 10	2477	522-3	131	1598
Can-washing machine. Milk.....	A. B. Herr.....	862,251	Aug. 6	228	63	128	2153
Cans. Air-tight cover for sheet-metal.....	F. Schütt.....	862,022	July 30	5723	1589	129	1991
Cans and other receptacles. Closure for.....	W. F. Hyatt.....	873,752	Feb. 17	2956	626	131	1710
Cans and the like. Apparatus for treating tin.....	M. Leitch.....	844,373	Feb. 19	3037	648-9	126	2626
Cans, bottles, &c. Automatic closure for.....	D. Webster, Jr.....	848,419	Mar. 26	5428	1183	127	1456
Cans. Closing.....	J. Dieckmann.....	868,916	Oct. 22	2696	745	130	2208
Cans. Forming covers for sheet-metal.....	J. Brenzinger.....	845,751	Mar. 5	42	9	127	14
Cans. Heading sheet-metal.....	J. Brenzinger.....	845,005	Mar. 26	4664	1016	127	1265
Cans. Machine for applying identifying-marks to.....	E. H. Sawyer.....	867,928	Oct. 8	1081	306	130	1663
Cans. Making sheet-metal preserving.....	J. G. Hodgson.....	857,736	June 25	4466	943	128	2927
Cans or similar receptacles. Closure for.....	W. Yoha.....	855,083	May 28	5487	1138	128	1500
Cans. Sealed lock for milk.....	E. Stoops.....	862,594	Aug. 6	839	223	129	2344
Cans. Testing filled and closed.....	E. S. Eno.....	857,388	June 18	3780	801	128	2723
Canning and washing apparatus.....	H. D. Chance.....	870,415	Nov. 5	866	231	131	284
Canning apparatus.....	J. K. Pharr.....	856,909	June 11	2859	597-8	128	2450
Canning apparatus.....	L. L. Lawrence.....	865,190	Sept. 3	650	184	130	197
Canning apparatus.....	N. W. Tharp.....	869,751	Oct. 29	4013	1108	130	2640
Canning device. Fruit.....	T. H. Raney.....	873,603	Dec. 10	2658	560	131	1628
Canning-machine cap-feeding mechanism.....	N. Nelson.....	869,509	Apr. 29	3628	994	130	2525
Canning-machines. Can-feeding mechanism for.....	G. G. Glass.....	848,736	Apr. 2	234	46-7	127	1646
Canning-machines. Filling-nozzle for.....	B. E. Taylor.....	874,874	Dec. 24	5231	1102	131	2109
Canning operations. Apparatus employed in.....	M. J. Hawkins.....	843,893	Feb. 12	2073	444	126	2346
Canal-lock construction.....	H. Fitch.....	862,066	July 30	5804	1609-10	129	2018
Canceling and postmarking machine.....	M. V. B. Ethridge.....	871,330	Nov. 19	2484	641-2	131	777
Canceling machine. Stamp.....	E. E. Phillips.....	872,010	Nov. 26	3941	949	131	1030
Candelabrum.....	O. H. Van Guelpen.....	859,707	July 9	2145	579	129	746
Candle-extinguisher.....	J. Kaiserreiner.....	842,463	Jan. 29	5453	1155	126	1546
Candle-holder.....	O. Kampe.....	844,136	Feb. 12	2528	543	126	2457
Candle-holder.....	H. Tartsch.....	846,705	Mar. 12	1982	435	127	533
Candle-holder.....	H. Tartsch.....	846,706	Mar. 12	1982	435	127	533
Candle-holder. Miner's.....	B. J. Bacon.....	861,696	July 30	5241	1440	129	1845
Candle-molding machine.....	J. C. F. Woodworth.....	859,277	July 9	1485	397	129	532
Candle-shade support.....	C. Nordfors.....	873,073	Dec. 10	1620	338	131	1452
Candle stick or holder.....	P. Wisner.....	855,032	May 28	5365	1114	128	1468
	H. F. Nehr.....	849,012	Apr. 2	790	161	127	1788

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Candlestick and candle-holder	M. E. M. Reischer.....	874,241	Dec. 17	3985	841	131	1871
Candlestick-lubricator	E. L. Faul.....	870,875	Nov. 12	1600	439	131	551
Candlestick. Miner's	H. Laukka.....	859,672	July 9	2097	566	129	733
Candlestick. Miner's	G. D. Neill.....	870,638	Nov. 12	1217	329	131	432
Candies. Dipping-frame for coating	P. Panoulas.....	855,804	June 4	693	142	128	1871
Candy-cooling table	J. R. Windsor.....	851,148	Apr. 23	4574	1025	127	2941
Candy-dipping machine	A. Kunitz.....	875,189	Dec. 31	5000	1230	131	2238
Candy-machine	Z. S. Hoffman.....	844,939	Feb. 19	4399	940	126	2957
Candy-machine	Y. Liska.....	851,135	Apr. 23	4824	1017	127	2927
Candy-machine. Stick	E. J. Jenner.....	862,169	Aug. 6	86	24-6	129	2112
Candy-making machine	W. T. Hudson, J. R. Parks, and W. H. Coursey.....	856,959	June 11	2941	618	128	2469
Candy-making machine. Round-stick	R. S. Walters.....	873,396	Dec. 10	2256	470	131	1557
Candy. Making soft peanut	L. J. Green and H. Heyn.....	864,298	Aug. 27	3414	.....	129	3237
Candy material or other commodities. Machine for sizing, cutting, and marking	A. H. Bartlett.....	873,832	Dec. 17	3125	665	131	1737
Candy. Ornamenting	H. E. Short.....	859,125	July 2	1249	334	129	422
Candy-ornamenting apparatus	H. E. Short.....	859,124	July 2	1248	334	129	421
Candy-pulling machine	C. Thibodeau.....	857,770	June 25	4535	957	128	2944
Candy-pulling machine	C. Thibodeau.....	859,788	July 9	2263	615	129	787
Candy-spinning machine	R. E. Pollock.....	847,366	Mar. 19	3298	724	127	888
Candy-spinning machine	J. F. Magruder.....	866,946	Sept. 24	3361	951	130	1148
Candy-spinning machine. Controlling an electric	A. D. Robinson.....	856,424	June 11	1965	404-5	128	2226
Candy-working machine	F. H. Richards.....	843,100	Feb. 5	5-9	112	126	1931
Candy-working machine	A. Schober.....	853,740	May 14	2776	571	128	747
Candy-working machine	F. H. Richards.....	867,010	Oct. 15	1255	348	130	1740
Candy-wrapping machine	M. E., W. W., H. L., and A. F. Buhse.....	848,344	Mar. 26	5279	1151-3	127	1416
Cane	F. L. Hall.....	847,066	Mar. 12	2707	596	127	714
Cane	W. Autenrieth.....	869,682	Oct. 29	3913	1077	130	2612
Cane and stool. Combined	J. T. Kerr.....	859,500	July 9	1822	490	129	643
Cane-cutter	E. M. Hibbler.....	863,534	Aug. 13	2256	611	121	2818
Cane cutting and conveying machine. Sugar-	H. G. Ginaca.....	854,208	May 21	3747	774-5	128	1029
Cane-cutting machine. Sugar-	H. G. Ginaca.....	853,967	May 21	3259	668-70	128	905
Cane-knife. Foot-power	W. L. Spencer.....	844,625	Feb. 19	3789	800	126	2802
Cane-loader	J. B. Castagnos.....	849,106	Apr. 2	999	202	127	1843
Cane-loader	J. B. Gaussiran.....	852,267	Apr. 30	7150	1497-8	127	3545
Cane-mill gearing	J. P. Golden.....	848,025	Mar. 26	4603	1023	127	1275
Cane-mill roll. Sugar-	H. W. Aitken and W. Mackie.....	871,018	Nov. 12	1829	499-500	131	621
Cane. Repeating detonating	A. Delgrande and N. Del Grande.....	850,353	Apr. 16	3341	697	127	2515
Cane. Repeating detonating	A. Delgrande and N. Del Grande.....	850,354	Apr. 16	3343	697	127	2516
Cane. Repeating torpedo	J. H. Bevington.....	840,425	Jan. 1	1285	283	126	337
Cane-straw-cutting machine. Sugar-	J. MacCallias y Becerra.....	843,479	Feb. 5	1268	266-7	126	2110
Cane stripping and cutting knife	J. W. Thompson.....	862,297	Aug. 6	323	90	129	2184
Cane. Torpedo	R. Bean.....	842,061	Jan. 22	4549	978	126	1273
Canister. Soap-powder	H. C. Fairchild.....	854,411	May 21	4115	852	128	1124
Canoe-carriage	J. J. Ravallier.....	875,210	Dec. 31	5938	1238	131	2245
Canopies, awnings, &c. Supporting-frame for	R. A. Cox.....	869,0-1	Oct. 22	2918	804	130	2279
Canopy-bracket	H. H. Bowland.....	865,230	Sept. 3	715	203	130	216
Canopy-frame	I. E. Palmer.....	849,808	Apr. 9	2328	477	127	2216
Canopy-standards. Guiding and supporting mech- anism for	P. F. Swart.....	845,906	Mar. 5	377	77	127	97
Canopy-supporting frame	G. A. Williams and G. F. Lindsey.....	862,779	Aug. 6	1112	301	129	2423
Canopy. Ventilating	W. L. Hofer.....	849,611	Apr. 9	1974	404	127	2126
Cant-hook	W. A. Wood.....	867,630	Oct. 8	620	175	130	1524
Cant-hook or peavey	P. Price.....	850,051	Apr. 9	2747	576	127	2319
Canteen	H. J. Donahoe.....	872,407	Dec. 3	186	37	131	1197
Canteen	H. J. Donahoe.....	872,408	Dec. 3	188	37	131	1197
Caoutchouc, gutta-percha, and balata. Process for the direct utilization of the lactiferous juices of	L. Morisse.....	859,611	July 9	1999	.....	129	701
Caoutchouc, gutta-percha, and balata, &c. Treat- ment of the milks or lactiferous juices of	L. Morisse.....	853,718	May 14	2737	.....	128	737
Caoutchouc solutions and the regeneration of rubber waste. Production of aqueous	P. Alexander.....	844,077	Feb. 12	2412	.....	126	2429
Cap	M. L. Glass.....	857,000	June 11	3035	639	128	2495
Cap	E. Forman.....	873,122	Dec. 10	1712	357	131	1468
Cap and manufacturing same. Apparel-	N. E. Kahn.....	860,749	July 23	3751	1028	129	1334
Cap. Child's	L. Steinthal.....	840,968	Jan. 8	2362	518	126	644
Cap. Closing	E. A. Towle.....	845,415	Apr. 2	342	68	127	1676
Cap-feeding machine	J. A. Hicks.....	845,415	Feb. 26	5304	1138	126	3240
Capping and the like. Corrugated-iron ridge	W. H. Mence.....	862,834	Aug. 6	1210	326	129	2454
Capping apparatus	G. W. Lynn.....	867,890	Oct. 8	1016	290	130	1643
Capstan. Traveling	H. M. Fisk.....	842,394	Jan. 29	5277	1121	126	1496
Car	F. A. Boole and L. D. Stephenson.....	844,915	Feb. 19	4366	933	126	2948
Car	J. J. McCarthy.....	851,022	Apr. 23	4621	960-70	127	2878
Car	S. M. Curwen.....	852,774	May 7	797	159-60	128	207
Car	C. W. Benjamin.....	852,816	May 7	905	184-6	128	231
Car	W. M. Smith.....	852,912	May 7	1122	231-2	128	285
Car	S. Otis.....	854,701	May 21	4670	973	128	1261
Car	S. Otis.....	858,013	June 25	5051	1068-9	128	3073
Car	E. W. Summers.....	861,552	July 30	5026	1389-1	129	1781
Car	R. S. Mears, N. J. Jorgensen, and W. E. Paxton.....	862,573	Aug. 6	802	214	129	2332
Car	E. S. Bucknam.....	874,568	Dec. 24	4647	975-6	131	2010
Car and coach washing machine	H. and G. Miller.....	848,188	Mar. 26	4955	1082	127	1336
Car and locomotive. Electric	C. de Kandó.....	842,957	Feb. 5	227	51	126	1846
Car and railway switch	F. S. Gallup, C. Shanahan, F. L. and J. N. Gallup.....	848,590	Mar. 26	5754	1256-7	127	1533
Car and self-propelled sledge. Convertible motor-	P. Pfeifer.....	863,633	Aug. 20	2421	665	129	2901
Car and the like. Transportation	T. R. Brown.....	860,850	July 23	3896	1068-9	129	1383
Car and the like. Transportation	J. M. Ames.....	866,764	Sept. 24	3091	871	130	1066
Car and train-pipe coupling. Combination	J. W. Barth.....	873,287	Dec. 10	2020	423	131	1520
Car and train-pipe coupling. Combined	J. W. Barth.....	855,393	Dec. 10	2018	423	131	1520
Car-annunciator	R. B. Eubank, Jr.....	860,597	May 28	6044	1262	128	1640
Car-annunciator	R. B. Eubank, Jr.....	860,597	July 16	3495	961-2	129	1220
Car antifiction center-bearing	J. C. Barber.....	867,000	Sept. 24	3443	975	130	1177

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Car-arrester.....	W. Cook.....	872,276	Nov. 26	4474	1063	131	1116
Car. Auto snow.....	J. Sherwood.....	844,963	Feb. 19	4443	949	126	2968
Car. Ballast.....	C. A. Proctor and A. Gnaegy.....	849,854	Apr. 9	2431	496	127	2243
Car-body.....	E. I. Dodds.....	861,208	July 23	4454	1222	129	1564
Car-body-underframe construction.....	O. S. Pulliam.....	861,765	July 30	5352	1476	129	1877
Car-bolster.....	T. R. Brown.....	850,902	Apr. 23	4418	924	127	2829
Car-bolster and draft-rigging. Combined.....	W. D. Lowry.....	868,463	Oct. 15	1961	547	130	1952
Car bolster and underframe.....	A. E. Ostrander.....	872,965	Dec. 3	1352	285-6	131	1380
Car bolster. Railway.....	J. O. Neikirk.....	864,482	Aug. 27	3691	1028	129	3328
Car. Box.....	C. W. Gill.....	869,630	Oct. 29	3828	1048	130	2586
Car brace. Freight.....	H. Heard and E. D. Treanor.....	858,283	June 25	5553	1187	128	3202
Car bracer. Fruit.....	N. C. Ives.....	840,770	Jan. 8	1971	435	126	547
Car-brake.....	D. J. Houghton.....	840,215	Jan. 1	867	188	126	235
Car-brake.....	W. Martin.....	842,679	Jan. 29	5917	1246	126	1656
Car-brake.....	H. W. Thomas.....	862,215	Aug. 6	170	48	129	2137
Car-brake.....	W. Q. Olden.....	866,675	Sept. 24	2948	834	130	1012
Car-brake.....	L. Allenbrand.....	866,904	Sept. 24	3294	929	130	1127
Car-brake.....	E. E. Jett and C. S. Palmer.....	867,376	Oct. 1	230	66	130	1383
Car-brake. Automatic.....	C. Fero, Jr.....	851,874	Apr. 30	6364	1327-8	127	3347
Car brake-beam. Railway.....	S. A. Crone.....	868,909	Oct. 22	2681	741	130	2204
Car brake. Electric.....	M. G. Hubbard, Jr.....	874,508	Dec. 24	4529	952-3	131	1990
Car brake mechanism. Tram.....	G. J. Conaty.....	843,262	Feb. 5	876	178-9	126	2016
Car brake. Mine.....	S. R. Green.....	865,378	Sept. 10	961	275	130	320
Car brake. Railway.....	S. A. Crone.....	868,908	Oct. 22	2678	740	130	2203
Car brake. Railway.....	S. A. Crone.....	868,910	Oct. 22	2682	741	130	2204
Car brake. Railway.....	S. A. Crone.....	868,970	Oct. 22	2774	765	130	2234
Car brake. Railway.....	S. A. Crone.....	869,425	Oct. 29	3492	958	130	1483
Car brake-shoe. Mine.....	D. S. Miller and J. M. Landfair.....	841,264	Jan. 15	2964	644	126	841
Car-brake slack-adjuster.....	W. G. Price.....	872,540	Dec. 3	480	100	131	1241
Car brake-staff. Railway.....	E. Posson.....	844,465	Feb. 19	3216	694	126	2669
Car-braking device.....	H. A. Moore.....	860,312	July 16	3067	839	129	1078
Car-buffer.....	D. E. Thompson.....	861,061	July 23	4241	1162	129	1492
Car center and side bearing. Combined.....	J. C. Barber.....	865,986	Sept. 17	1933	541	130	665
Car. Child's hand.....	J. F. Vogel.....	843,646	Feb. 12	1631	345	126	2237
Car-chock.....	S. R. Keeran.....	866,474	Sept. 17	2647	739	130	891
Car-chute.....	C. L. Spurlin.....	854,249	May 21	3825	790	128	1049
Car. Combination metal and wood.....	E. I. Dodds.....	855,839	June 4	774	160-1	128	1890
Car construction.....	J. R. Cardwell.....	840,910	Jan. 8	2253	495	126	616
Car construction.....	E. I. Dodds.....	842,869	Feb. 5	55	13	126	1803
Car construction.....	E. I. Dodds.....	845,933	Mar. 5	428	87-8	127	110
Car construction.....	A. E. Ostrander.....	847,503	Mar. 19	3567	783	127	959
Car construction.....	F. M. Brinckerhoff.....	849,827	Apr. 9	2355	484	127	2223
Car construction.....	F. M. Brinckerhoff.....	849,828	Apr. 9	2356	484	127	2223
Car construction.....	W. G. Thummel.....	852,042	Apr. 30	6751	1403	127	3445
Car construction.....	E. I. Dodds.....	855,838	June 4	771	159-60	128	1889
Car construction.....	A. H. Sisson.....	859,015	July 2	1096	290-1	129	374
Car construction.....	A. H. Sisson.....	859,016	July 2	1098	291	129	374
Car construction.....	G. W. Reed.....	859,580	July 9	1954	526	129	686
Car construction.....	G. W. Scott.....	859,896	July 9	2428	660-1	129	836
Car construction.....	H. C. Buhoup.....	859,916	July 16	2462	670	129	880
Car construction.....	A. E. Ostrander.....	861,313	July 30	4636	1267	129	1658
Car construction.....	W. Q. Olden.....	866,674	Sept. 24	2945	833-4	130	1012
Car construction.....	I. L. Kiser and O. M. Prince.....	870,296	Nov. 5	666	178	131	218
Car construction. Freight.....	A. Straker.....	861,914	July 30	5574	1539-40	129	1945
Car construction. Metallic.....	E. I. Dodds.....	852,935	May 7	1164	239	128	296
Car construction. Passenger.....	A. E. Ostrander.....	847,505	Mar. 19	3575	786	127	962
Car construction. Passenger.....	F. M. Brinckerhoff.....	849,826	Apr. 9	2353	483	127	2222
Car construction. Passenger.....	A. H. Sisson.....	859,017	July 2	1098	292	129	375
Car construction. Passenger.....	A. H. Sisson.....	861,145	July 23	4360	1195-7	129	1533
Car construction. Railway.....	M. Kennedy.....	868,006	Oct. 15	1389	389	130	1781
Car control. Electric.....	J. J. Frank and J. S. Pevear.....	854,730	May 28	4738	985	128	3038
Car-controlling apparatus.....	C. W. Coleman.....	845,161	Feb. 26	4847	1028	126	3112
Car-controlling device. Motor.....	H. L. Hooke.....	855,780	June 4	650	133-4	128	1861
Car-controlling system. Electric.....	C. P. Breese.....	862,442	Aug. 6	567	150	129	2267
Car. Convertible.....	T. Scullin and S. R. Skov.....	852,683	May 7	632	122	128	163
Car. Convertible.....	J. A. Brill.....	852,767	May 7	786	157	128	204
Car. Convertible.....	J. A. Brill.....	852,768	May 7	788	157	128	204
Car. Convertible.....	H. E. Haddock.....	852,782	May 7	833	167	128	213
Car. Convertible.....	J. A. Brill.....	854,687	May 21	4625	964	128	1249
Car. Convertible.....	W. W. Wallace.....	862,221	Aug. 6	178	49-50	129	2139
Car. Convertible dumping.....	H. L. Aulls.....	850,719	Apr. 16	4054	847-8	127	2695
Car. Convertible railway.....	M. P. Henvis.....	867,917	Oct. 8	1068	302	130	1659
Car. Convertible street.....	G. J. Knoll.....	871,419	Nov. 19	2683	682-3	131	806
Car-coupling.....	J. Gaszper.....	840,126	Jan. 1	691	147	126	189
Car-coupling.....	J. M. Izpwell, Jr.....	841,523	Jan. 15	3475	749-50	126	975
Car-coupling.....	J. F. McCarthy.....	841,805	Jan. 22	4043	872	126	1152
Car-coupling.....	M. A. Brown.....	841,927	Jan. 22	4288	925	126	1212
Car-coupling.....	M. A. Brown.....	842,071	Jan. 22	4565	981	126	1277
Car-coupling.....	D. Patterson.....	842,692	Jan. 29	5945	1253	126	1663
Car-coupling.....	W. N. Hensley.....	843,605	Feb. 12	1540	326	126	2210
Car-coupling.....	S. W. Wibel, W. R. Cunningham, and W. G. Wheeler.....	843,858	Feb. 12	2007	431	126	2330
Car-coupling.....	A. J. Bazeley.....	844,491	Feb. 19	3279	707-8	126	2685
Car-coupling.....	S. Morris.....	846,128	Mar. 5	849	177	127	216
Car-coupling.....	A. Berg.....	846,898	Mar. 12	2385	524	127	636
Car-coupling.....	G. A. Hermanson.....	847,408	Mar. 19	3381	740	127	911
Car-coupling.....	W. S. Schroeder.....	847,517	Mar. 19	3592	791-2	127	967
Car-coupling.....	C. Fancher.....	848,454	Mar. 26	5495	1197	127	1473
Car-coupling.....	J. F. McCarthy.....	848,763	Apr. 2	280	57	127	1658
Car-coupling.....	J. R. Mitchell.....	849,412	Apr. 9	1577	320	127	2026
Car-coupling.....	J. L. Frazier.....	850,219	Apr. 16	3092	647	127	2446
Car-coupling.....	J. L. Frazier.....	850,301	Apr. 16	3230	674	127	2485
Car-coupling.....	A. M. Knapp.....	853,017	May 7	1332	278	128	338
Car-coupling.....	O. P. Moncrief.....	853,023	May 7	1341	279	128	340
Car-coupling.....	E. O. Warner.....	854,444	May 21	4184	867	128	1142
Car-coupling.....	E. F. Pendexter.....	856,489	June 11	2075	427	128	2254

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Car-coupling	W. F. Kiesel, Jr.	856,530	June 11	2148	442	128	2271
Car-coupling	W. S. Schroeder	858,762	July 2	688	183	129	238
Car-coupling	H. B. Winter	859,275	July 9	1482	396	129	532
Car-coupling	C. H. W. Kohlus	859,388	July 9	1673	446	129	595
Car-coupling	G. A. Chapman	859,871	July 9	2389	651	129	825
Car-coupling	F. H. Wendt	861,413	July 30	4819	1321-2	129	1715
Car-coupling	F. H. Wendt	861,414	July 30	4821	1323	129	1716
Car-coupling	A. Lipschutz	861,869	July 30	5508	1520-1	129	1925
Car-coupling	W. A. Engel	861,957	July 30	5643	1565	129	1967
Car-coupling	W. S. Schroeder	862,204	Aug. 6	150	42-3	129	2130
Car-coupling	W. S. Schroeder. (Reissue).	12,679	Aug. 6	1261	342	129	2470
Car-coupling	J. W. Malphurs	864,008	Aug. 20	2963	817	129	3070
Car-coupling	M. Vastine and C. H. Zerbe	867,174	Sept. 24	3721	1052-3	130	1261
Car-coupling	L. Rado and D. Kerekes	867,753	Oct. 8	802	226	130	2579
Car-coupling	W. Schurr	868,708	Oct. 22	2378	659	130	2113
Car-coupling	G. P. Ritter	872,454	Dec. 3	286	58	131	1213
Car-coupling	P. J. Dugan	875,330	Dec. 31	6182	1288-9	131	2281
Car-coupling. Automatic	O. F. Richter	843,551	Feb. 5	1441	304	126	2152
Car-coupling. Automatic	T. G. Blackman, Jr.	849,042	Apr. 2	856	175	127	1805
Car-coupling. Automatic	J. W. Barth	859,279	July 9	1486	397-8	129	533
Car-coupling. Laterally-operative railway-	L. M. Orosz	860,235	July 16	2955	807	129	1040
Car-coupling. Railway-	J. Grauvogl	853,923	May 14	3161	646	128	841
Car-coupling. Railway-	S. H. Boltz	858,787	July 2	736	193-4	129	253
Car-cover. Railway-	G. A. Heimbucher	849,785	Apr. 9	2287	470	127	2205
Car-door	J. J. Vorhes and H. Crisman	843,647	Feb. 12	1632	346	126	2237
Car-door	J. A. and J. A. Bourgeois	845,509	Feb. 26	5547	1175-6	126	3286
Car-door	J. Montgomery	846,126	Mar. 5	844	177	127	214
Car-door	R. Mobley	846,594	Mar. 12	1783	393	127	485
Car-door	J. Carr	852,925	May 7	1143	235	128	291
Car-door	R. J. Neville	857,360	June 18	3723	786	128	2709
Car-door	J. B. Coston	859,049	July 2	1145	306	129	389
Car-door	C. W. Tefft	864,042	Aug. 20	3017	834	129	3087
Car-door	R. Hall	869,839	Oct. 29	4139	1143	130	1678
Car-door	T. A. Corson	870,417	Nov. 5	868	231-2	131	285
Car-door	G. W. Leavitt	871,711	Nov. 19	3243	803	131	899
Car-door	F. W. Burwell	872,167	Nov. 26	4255	1016	131	1081
Car-door	J. N. Marquette	872,953	Dec. 3	1334	282	131	1076
Car-door	G. W. Sayre	873,175	Dec. 10	1817	381	131	1484
Car-door	J. L. Severns and W. P. McDermott.	875,465	Dec. 31	6440	1345-6	131	2325
Car door and step operating mechanism.	H. Rowntree	870,051	Nov. 5	277	75	131	94
Car-door automatic closing device. Railway-	C. Lehnert	846,675	Mar. 12	1939	426	127	524
Car-door. Box-	J. Simonton	864,203	Aug. 27	3279	909	129	3197
Car-door closure.	J. M. Lugar	869,919	Nov. 5	62	18	131	21
Car-door fastener	R. Mobley	846,125	Mar. 5	843	176	127	214
Car-door fastener. Grain-	R. P. Evans and W. P. Flynn	868,539	Oct. 15	2083	582	130	2992
Car-door. Flush	R. Mobley	846,595	Mar. 12	1786	393	127	484
Car-door. Freight-	J. Van Slyke	849,291	Apr. 2	1345	272	127	1931
Car-door. Freight-	H. C. Percy	860,245	July 16	2967	810-11	129	1045
Car-door. Grain-	C. I. Holmes and J. A. Boatright	839,848	Jan. 1	83	20	126	24
Car-door. Grain-	R. J. Cook and H. H. Harvey	840,751	Jan. 8	1934	426	126	537
Car-door. Grain-	J. Johnson	844,024	Feb. 12	2318	496	126	2406
Car-door. Grain-	B. Daugherty	846,913	Mar. 12	2409	529	127	642
Car-door. Grain-	T. Leonard	854,049	May 21	3421	706	128	944
Car-door. Grain-	W. H. McMachen	860,934	July 23	4032	1104	129	1425
Car-door. Grain-	D. S. Bailey	863,494	Aug. 13	2200	595	129	2807
Car-door. Grain-	W. R. Smith	869,743	Oct. 29	4003	1106	130	2637
Car-door hanger	J. A. Myers	853,207	May 7	1683	348	128	425
Car-door hanger	R. G. Bullard	854,564	May 21	4403	913-14	128	1195
Car-door hanger	B. D. Jones	855,182	May 28	5679	1181	128	1548
Car-door hanger	P. M. Elliott	866,118	Sept. 17	2136	594	130	728
Car-door hook.	T. Lennox	874,689	Dec. 24	4881	1026	131	2050
Car-door latch. Mine-	H. C. Smith	874,872	Dec. 24	5229	1102	131	2109
Car-door lock. Sliding.	F. C. Hodgdon	868,859	Oct. 22	2608	721	130	2181
Car-door locking device. Railway-	B. Göstemeier and W. Pauels	848,646	Apr. 2	47	12	127	1506
Car door mechanism	J. F. Streib	858,920	July 2	952	248	129	327
Car door mechanism. Dump-	D. H. Foreman	854,639	May 21	4526	945-6	128	1225
Car door mechanisms. Safety-clutch for.	C. A. Lindström	865,920	Sept. 10	1825	510	130	600
Car door-operating mechanism. Dump-	J. R. Groves	857,521	June 18	4030	858	128	2785
Car door-operating mechanism. Dumping-	E. I. Dodds	874,578	Dec. 24	4654	980-1	131	2031
Car door-operating mechanism. Gondola-	E. I. Dodds	852,936	May 7	1165	240	128	296
Car door-operating mechanism. Gondola-	E. I. Dodds	855,837	June 4	767	158-9	128	1888
Car-door-operating mechanisms. Safety-clutch for.	C. A. Lindström	865,921	Sept. 10	1826	511	130	600
Car door. Railway-	O. Tower	870,062	Nov. 5	298	82	131	101
Car-door safety device. Hopper-	A. Christianson	843,132	Feb. 5	598	127	126	1948
Car-door safety device. Hopper-	A. Christianson	843,559	Feb. 5	1459	307-8	126	2156
Car-door-shaft-operating mechanism.	C. A. Lindström and J. F. Streib	847,956	Mar. 19	4522	992-3	127	1192
Car-doors and for other purposes. Stay-roller for	H. B. Keeler	853,551	May 14	2378	495	128	643
Car draft and buffing gear	I. O. Wright and J. H. Farlow	841,787	Jan. 22	3942	853	126	1125
Car draft and buffing gear	I. O. Wright	846,374	Mar. 5	1292	285	127	326
Car draft and buffing gear or rigging	M. A. Garrett. (Reissue).	12,587	Jan. 8	2630	575	126	713
Car draft-gear. Railway-	C. T. Westlake	841,202	Jan. 15	2836	618	126	810
Car draft-gear. Railway-	C. T. Westlake	854,132	May 21	3597	742	128	987
Car draft-gearing. Railway-	J. F. Courson	873,843	Dec. 17	3154	672	131	1741
Car draft-rigging	G. W. Nye	861,223	July 23	4480	1229	129	1572
Car draft-rigging. Freight-	H. C. Stickle	855,998	June 4	1070	222	128	1964
Car draft-rigging. Railway-	S. D. Wright	849,649	Apr. 9	2041	419	127	2143
Car draft-rigging. Railway-	W. Slayden	849,926	Apr. 9	2552	528-9	127	2273
Car draft-rigging. Railway-	C. J. Nash	858,746	July 2	666	175	129	230
Car draft-rigging. Railway-	J. F. O'Connor. (Reissue).	858,748	July 2	668	176	129	231
Car. Dump	G. B. Maltby	12,596	Jan. 15	3725	809	126	1036
Car. Dump	T. R. McKnight	846,501	Mar. 12	1580	350-1	127	432
Car. Dump	V. M. Summa	849,175	Apr. 2	1139	230	127	1880
Car. Dump	S. Otis	851,372	Apr. 23	5335	1119	127	3055
Car. Dump	C. E. Gossett	861,721	July 30	5276	1451	129	1855
Car. Dump	W. Q. Olden	866,676	Sept. 24	2949	835	130	1013

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr & G.	Vol.	Page.
Car. Dump.....	O. W. Meissner.....	869,445	Oct. 29	3523	967	130	1493
Car. Dump.....	W. A. Caswell.....	871,781	Nov. 26	3408	837	131	953
Car. Dump.....	C. H. Doty.....	872,057	Nov. 26	4045	969	131	1046
Car. Dump.....	T. R. McKnight.....	873,772	Dec. 17	2990	634	131	1716
Car. Dump.....	E. S. Maclin.....	874,519	Dec. 24	4555	956	131	1994
Car. Dumping.....	A. C. McCord.....	839,870	Jan. 1	131	32	126	38
Car. Dumping.....	C. E. Herman.....	840,624	Jan. 8	1695	372	126	478
Car. Dumping.....	F. Peteler.....	842,008	Jan. 22	4448	957	126	1250
Car. Dumping.....	F. Peteler.....	846,137	Mar. 5	863	180-1	127	219
Car. Dumping.....	A. Peltzer.....	855,128	May 28	5576	1159	128	1520
Car. Dumping.....	T. E. Van Derwerken.....	858,927	July 2	961	250	129	330
Car. Dumping.....	A. Becker.....	859,799	July 9	2274	618-19	129	790
Car. Dumping.....	E. I. Dodds.....	861,207	July 23	4453	1221-2	129	1564
Car. Dumping.....	F. L. Irwin and J. E. Tesseymann.....	861,464	July 30	4897	1343-4	129	1737
Car. Dumping.....	H. W. Dougherty.....	863,703	Aug. 20	2508	692	129	2930
Car. Dumping.....	C. B. Peteler.....	866,512	Sept. 17	2690	752	130	904
Car. Dumping.....	M. P. Hennis and D. S. Clark.....	867,726	Oct. 8	757	212	130	2564
Car. Dumping.....	J. Bennett.....	869,613	Oct. 29	3805	1040-1	130	2580
Car. Dumping.....	J. M. O'Kelly.....	869,726	Oct. 29	3978	1099-1100	130	2630
Car. Dumping.....	W. L. Phillips.....	869,804	Oct. 29	4086	1129	130	2661
Car. Dumping.....	A. Becker.....	872,045	Nov. 26	4025	965	131	1042
Car. Dumping.....	J. H. Blake.....	873,149	Dec. 10	1755	369	131	1476
Car-dumping apparatus.....	F. W. Lovell.....	851,014	Apr. 23	4610	966	127	2875
Car-dumping apparatus.....	T. H. Aldrich, Jr.....	852,643	May 7	541	103-4	128	142
Car-dumping apparatus.....	R. Hay.....	874,503	Dec. 24	4500	946-7	131	1988
Car-dumping-apparatus screen.....	C. A. Fry.....	843,334	Feb. 5	1013	208-9	126	2046
Car dumping-cage. Mine.....	G. Trotter.....	864,813	Sept. 3	72	21	130	25
Car-dumping mechanism. Metallic.....	A. Becker. (Reissue).....	12,623	Mar. 26	5812	1267	127	1550
Car. Electric tram.....	G. J. Conaty.....	843,261	Feb. 5	875	178	126	2016
Car emergency-brake. Railway.....	P. W. Counselman.....	847,319	Mar. 19	3194	702	127	863
Car end construction.....	E. I. Dodds.....	840,829	Jan. 8	2072	459	126	571
Car end construction. Railway.....	A. Becker.....	865,854	Sept. 10	1730	482	130	573
Car. End-dump.....	H. S. Potter.....	859,691	July 9	2125	573	129	740
Car end sill.....	O. S. Pulliam.....	847,602	Mar. 19	3772	827	127	1014
Car-fender.....	E. W. Wheelock.....	840,180	Jan. 1	787	171-2	126	211
Car-fender.....	J. E. Kinnebrew.....	842,559	Jan. 29	5633	1191	126	1585
Car-fender.....	W. T. McLaughlin.....	845,110	Feb. 26	4761	1010	126	3091
Car-fender.....	N. P. Duncan.....	846,459	Mar. 12	1496	332	127	408
Car-fender.....	J. H. Dixon.....	847,247	Mar. 12	3047	672	127	799
Car-fender.....	W. Pickett.....	847,437	Mar. 19	3444	755-6	127	926
Car-fender.....	S. A. Politsky.....	848,602	Mar. 26	5776	1260	127	1542
Car-fender.....	I. R. Guilford.....	850,474	Apr. 16	3573	746-7	127	2574
Car-fender.....	J. P. Rohn.....	851,963	Apr. 30	6556	1366	127	3395
Car-fender.....	T. J. F. Mueller.....	852,610	May 7	475	88	128	126
Car-fender.....	T. J. Sayers.....	853,123	May 7	1510	314	128	381
Car-fender.....	I. H. Caliga.....	855,558	June 4	220	43	128	1752
Car-fender.....	S. Concanon.....	855,938	June 4	961	199-200	128	1936
Car-fender.....	E. Sherwood.....	858,225	June 25	5459	1165	128	3179
Car-fender.....	W. J. Reynolds.....	858,670	July 2	541	139	129	187
Car-fender.....	G. H. Glad.....	858,806	July 2	782	204-5	129	273
Car-fender.....	G. M. Andersson.....	860,431	July 16	3247	887-8	129	1136
Car-fender.....	J. A. Poirier.....	861,892	July 30	5541	1529	129	1935
Car-fender.....	F. J. McDonnell.....	862,006	July 30	5706	1583	129	1986
Car-fender.....	J. T. Macgregor.....	862,261	Aug. 6	255	73	129	2161
Car-fender.....	P. J. Leahy.....	862,828	Aug. 6	1197	322	129	2449
Car-fender.....	L. Ostermeyer.....	863,209	Aug. 13	1787	480	129	2674
Car-fender.....	S. Ishii.....	864,647	Aug. 27	3987	1106	129	3417
Car-fender.....	C. Meyer.....	864,794	Sept. 3	49	14	130	18
Car-fender.....	H. M. Lambert.....	865,258	Sept. 3	752	214	130	228
Car-fender.....	J. T. Tighe.....	868,035	Oct. 15	1301	361	130	1755
Car-fender.....	B. Lev.....	868,103	Oct. 15	1398	392	130	1784
Car-fender.....	H. C. Jordan.....	869,183	Oct. 22	3088	851	130	2331
Car-fender.....	G. R. Owings.....	871,521	Nov. 19	2906	726-7	131	840
Car-fender.....	G. A. Parmenter.....	875,373	Dec. 31	6262	1306	131	2296
Car-fender.....	L. M. Maxham.....	863,198	Aug. 13	1768	476	129	2668
Car-fender.....	J. Dobos.....	860,358	July 16	3132	858	129	1099
Car-fender. Automatic.....	W. H. Walsh.....	845,442	Feb. 26	5407	1148	126	3215
Car-fender. Street.....	W. D. Leftwich.....	847,084	Mar. 12	2735	603-4	127	871
Car-fender. Street.....	C. B. Mead.....	847,091	Mar. 12	2749	606	127	724
Car-fender. Street.....	M. Greenbaum.....	850,572	Apr. 16	3758	785-6	127	2623
Car-fender. Street.....	G. A. Parmenter.....	864,187	Aug. 27	3257	902	129	3190
Car-fender. Street.....	C. O. Conner.....	868,845	Oct. 22	2589	714	130	2176
Car-fender. Street.....	M. Wilenski.....	873,197	Dec. 10	1855	389	131	1491
Car-fender. Street.....	M. Lund.....	875,541	Dec. 31	6582	1375	131	2349
Car. Flat.....	T. Wozney.....	847,716	Mar. 19	4018	878	127	1074
Car folding stake. Railway.....	J. W. Kendrick.....	850,585	Apr. 16	3785	789-90	127	2629
Car for conveying vehicles and teams.....	H. Stirring.....	861,328	July 30	4665	1274	129	1667
Car for protecting the feet of passengers.....	B. Klein.....	841,540	Jan. 15	3498	755	126	981
Car-frame.....	W. H. Emerick and P. Alquist.....	851,228	Apr. 23	5044	1061-2	127	2981
Car-frame.....	W. H. Emerick and P. Alquist.....	851,229	Apr. 23	5046	1063	127	2982
Car-frame.....	W. H. Emerick and P. Alquist.....	851,230	Apr. 23	5048	1062-2	127	2983
Car frame. Passenger and like.....	A. Christianson.....	854,404	May 21	4098	847	128	1119
Car frame. Railway.....	W. F. Kiesel, Jr.....	839,857	Jan. 1	99	24-6	126	28
Car frame. Railway.....	W. F. Kiesel, Jr.....	842,889	Feb. 5	90	21-2	126	1813
Car. Freight.....	W. H. Nunamacher.....	874,615	Dec. 24	4734	994	131	2026
Car friction draft-rigging. Railway.....	J. F. O'Connor.....	849,561	Apr. 9	1884	384	127	2104
Car friction draft-rigging. Railway.....	J. F. O'Connor.....	849,562	Apr. 9	1886	384-5	127	2104
Car friction draft-rigging. Railway.....	J. F. O'Connor.....	862,991	Aug. 13	1432	390	129	2558
Car friction spring draft-rigging. Railway.....	J. F. O'Connor.....	849,560	Apr. 9	1883	383-4	127	2103
Car friction spring draft-rigging. Railway.....	J. J. Hennessey and P. N. Moore.....	862,910	Aug. 13	1319	359-60	129	2523
Car gato. Railway.....	N. Grasso.....	870,093	Nov. 5	337	94	131	112
Car. Gondola.....	A. E. Ostrander.....	840,797	Jan. 8	2020	446	126	558
Car. Gondola.....	E. I. Dodds.....	842,871	Feb. 5	57	13-14	126	1804
Car. Grain.....	C. Rago.....	865,938	Sept. 10	1849	519	130	608
Car grain-door.....	L. W. Schreiber.....	841,900	Jan. 22	4245	914	126	1202
Car grain-door.....	E. Schreiber.....	844,193	Feb. 12	2640	566	126	2485

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Car grain-door	H. W. Richards	852,906	May 7	1109	229	128	282
Car grain-door	W. C. N. Smith and E. Roadifer	856,663	June 11	2420	499	128	2340
Car grain-door	J. Edman	856,775	June 11	2628	540	128	2394
Car grain-door	J. A. Wilkinson	858,551	July 2	321	79	129	116
Car grain-door	W. W. Decker	864,230	Aug. 27	3311	917-18	129	3207
Car grain-door	C. E. Mapes	869,377	Oct. 29	3411	938	130	2459
Car grain-door	J. E. Abbott	871,659	Nov. 19	3158	783	131	883
Car grain-door	T. F. Barton	872,785	Dec. 3	972	202	131	1321
Car grain-door. Box	H. J. Forst	862,628	Aug. 6	887	237	129	2359
Car grain-door. Box	P. S. Larson and R. C. Duea	867,058	Sept. 24	3539	1003	130	1203
Car grain-door. Railway	N. H. Conger	842,943	Feb. 5	200	46	126	1840
Car grain-door. Railway	N. H. Conger	843,074	Feb. 5	477	101	126	1916
Car grain-door. Railway	W. P. Carter	861,500	July 30	4943	1358	129	1753
Car grain-door. Railway	J. Van Slyke	866,092	Sept. 17	2105	585-6	130	718
Car-grip	F. B. Wentworth	860,777	July 23	3792	1039	129	1347
Car guard or fender	W. T. Lane	841,651	Jan. 15	3715	808	126	1034
Car guard. Street-railway	S. E. Pressler	844,743	Feb. 19	4039	861	126	2865
Car. Hand	J. H. Taylor	847,030	Mar. 12	2634	580	127	698
Car. Hand	J. W. Finch	847,927	Mar. 19	4470	980	127	1180
Car-handle	G. Robbins	870,386	Nov. 5	830	219	131	273
Car-haul	C. W. Miller	844,164	Feb. 12	2575	552	126	2469
Car-haul	A. W. F. Steckel	844,291	Feb. 12	2857	609	126	2542
Car-haul chain	A. F. Blair	858,786	July 2	735	193	129	253
Car-haul safety device	W. W. Macfarren	844,376	Feb. 19	3047	652	126	2628
Car-hauling device	R. Ardell	865,849	Sept. 10	1726	480	130	572
Car-heater	F. W. Lord	864,318	Aug. 27	3442	958	129	3246
Car-heating apparatus. Fruit-	E. E. Gold	867,266	Oct. 1	52	16-17	130	1331
Car. Hopper-bottom	A. E. Ostrander	852,845	May 7	960	197-8	128	244
Car. Hopper-bottom gondola	A. E. Ostrander	840,798	Jan. 8	2022	447	126	559
Car. Illusion	W. H. Winterborne	848,796	Apr. 2	365	72	127	1682
Car-inclines. Safety-stop or chock for	F. Post	869,648	Oct. 29	3859	1056	130	2595
Car-jack	H. F. Loeschner and M. Lesar	855,255	May 28	5811	1211	128	1582
Car. Juvenile hand-	S. D. and H. T. Latty	857,945	June 25	4882	1032	128	3030
Car-lift. Automatic	G. Holmes	847,411	Mar. 19	3386	741-2	127	912
Car-lift. Automatic	G. Holmes	850,646	Apr. 16	3925	819	127	2665
Car-loader	G. A. Kenner and R. Folkel	843,151	Feb. 5	633	134	126	1956
Car-loader	W. S. Mayers	870,115	Nov. 5	367	103-4	131	122
Car-loader	J. H. Huhn	870,175	Nov. 5	463	127-8	131	152
Car-loader	J. H. Huhn and C. F. Ice	870,294	Nov. 5	661	177	131	216
Car loader. Box	B. C. Buxton	850,132	Apr. 16	2928	611	127	2404
Car loading and unloading means	J. C. Kimerer	866,868	Sept. 24	3245	912-13	130	1112
Car lock. Dumping	W. W. McKelvey	853,189	May 7	1625	339	128	410
Car. Log or lumber	M. M. Russell	873,685	Dec. 10	2804	597	131	1654
Car-magnet support	W. M. Brown	844,918	Feb. 19	4371	934	126	2950
Car. Metal ore-	E. I. Dodds	874,576	Dec. 24	4661	979-80	131	2012
Car. Metallic	W. M. Smith	852,808	May 7	889	181	128	226
Car. Metallic	J. L. Levy	863,615	Aug. 20	2392	657-8	129	2891
Car. Metallic gondola	E. I. Dodds	842,870	Feb. 5	56	13	126	1804
Car. Metallic ore-	E. I. Dodds	874,577	Dec. 24	4662	980	131	2013
Car. Mine-	C. A. Keller	842,670	Jan. 29	5887	1241	126	1650
Car. Mine-	F. C. Hockensmith	852,879	May 7	1044	215	128	266
Car. Mine-	T. M. Edmondson and D. Fergusonson	863,971	Aug. 20	2917	804	129	3056
Car. Mine-	E. C. and F. L. Callahan	870,542	Nov. 12	1051	287	131	370
Car-motor	B. Bidwell	845,682	Feb. 26	5883	1241-2	126	3368
Car. Motor	H. O. Carter	845,850	Mar. 5	227	47	127	59
Car. Motor	W. D. Hawk	855,572	June 4	239	48	128	1756
Car. Motor	S. Otis and H. S. Hart	869,455	Oct. 29	3542	971	130	2499
Car. Motor-	C. P. A. Van Fels and J. M. Kneeland	872,774	Dec. 3	955	198	131	1318
Car. Motor-	J. T. Hepburn	873,434	Dec. 10	2317	485-6	131	1570
Car motor. Mine-	J. B. Merwin	863,077	Aug. 13	1576	425-6	129	2606
Car. Motor-operated dumping	C. P. Astrom. (Reissue)	12,714	Nov. 5	1033	282	131	333
Car. Motor-tipped slag-	J. C. Buckbee	863,259	Aug. 13	1871	504	129	2697
Car-mover	M. N. Shell	849,923	Apr. 9	2547	528	127	2272
Car-mover	R. F. Hageman	850,154	Apr. 16	2958	620	127	2411
Car-mover	G. and A. J. Spire and O. B. Emerson	863,112	Aug. 13	1640	440	129	2626
Car-mover.	G. Bolinger	863,694	Aug. 20	2497	689	129	2925
Car-mover	J. R. Doty	865,087	Sept. 3	508	140	130	154
Car-mover	M. N. Shell	865,438	Sept. 10	1049	299	130	348
Car-mover	A. J. Maine	870,043	Nov. 5	266	73	131	91
Car-mover.	J. S. Mullenix	870,987	Nov. 12	1793	488	131	610
Car-operating mechanism. Dump-	A. S. Page	871,885	Nov. 26	3644	888-9	131	988
Car-operating mechanism. Dumping	H. F. Ball	845,920	Mar. 5	406	82-3	127	105
Car operative mechanism. Dumping	C. A. Halleen	862,247	Aug. 6	224	61	129	2152
Car or locomotive. Electrically-propelled	E. H. Anderson	873,703	Dec. 17	2842	605	131	1693
Car. Passenger	R. H. and M. E. Moore	840,703	Jan. 8	1846	406	126	517
Car. Passenger	W. Jacobs	844,133	Feb. 12	2519	541-2	126	2455
Car. Passenger	W. Voss	847,135	Mar. 12	2820	623	127	742
Car. Passenger	A. E. Ostrander	847,504	Mar. 19	3569	783-5	127	960
Car. Passenger-	A. Lipschutz	864,477	Aug. 27	3682	1024-6	129	3326
Car. Passenger and like	A. Christianson	854,330	May 21	3953	818	128	1085
Car. Passenger and like	A. Christianson	854,331	May 21	3962	819	128	1086
Car. Passenger and like	A. Christianson	854,407	May 21	4102	848	128	1120
Car. Passenger and like	A. Christianson	872,557	Dec. 3	515	107-8	131	1246
Car. Passenger street-	W. S. Twining	865,456	Sept. 10	1080	308-9	130	358
Car. Photographer's	J. Schmidt	867,608	Oct. 8	586	167	130	1513
Car platform. Vestibule	C. W. Bremken	845,750	Mar. 5	38	8	127	12
Car. Pressed-steel	R. W. Wagenhals	856,435	June 11	1982	408	128	2231
Car-propelling means	R. G. Coyner	862,237	Aug. 6	207	58	129	2147
Car propulsion. Street-	G. G. Schroeder	847,515	Mar. 19	3589	789-91	127	966
Car-pusher.	A. E. Brown	869,689	Oct. 29	3923	1079-81	130	2614
Car-rail and bed	R. Jackson	850,759	Apr. 16	1125	863	127	2713
Car. Railway-	L. J. Harris	846,846	Mar. 12	2277	499-500	127	610
Car. Railway-	L. J. Harris	846,847	Mar. 12	2279	500-2	127	611

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Car. Railway.....	C. A. Schroyer.....	848,134	Mar. 26	4871	1063	127	1316
Car. Railway.....	D. L. Minier.....	849,411	Apr. 9	1575	319-20	127	2026
Car. Railway.....	S. Otis.....	854,305	May 21	3920	808	128	1074
Car. Railway.....	W. Forsyth.....	859,493	July 9	1813	487	129	640
Car. Railway.....	F. L. Irwin.....	860,029	July 16	2653	721	129	942
Car. Railway.....	H. Cohen.....	863,904	Aug. 20	2824	776-7	129	3030
Car. Railway.....	W. A. Crawford-Frost.....	864,614	Aug. 27	3945	1095	129	3404
Car. Railway.....	H. S. Bayer.....	865,349	Sept. 10	919	263-4	130	307
Car. Railway.....	A. Becker.....	865,561	Sept. 10	1266	359	130	414
Car. Railway.....	G. T. Martin and W. H. Dart.....	869,210	Oct. 22	3132	863	130	2345
Car. Railway.....	F. E. Thompson.....	870,397	Nov. 5	844	224	131	278
Car. Railway dumping.....	E. I. Dodds.....	855,840	June 4	776	161-3	128	1891
Car. Railway freight.....	W. R. Mulock. (Reissue).....	12,615	Mar. 12	3149	693-4	127	825
Car. Railway motor.....	W. S. Hovey.....	866,136	Sept. 17	2157	600	130	734
Car-repairer's tool.....	D. W. Collins.....	852,704	May 7	671	130	128	176
Car-repairing device.....	H. E. Lind.....	865,508	Sept. 10	1170	332	130	386
Car-replacer.....	W. A. Hutson.....	846,311	Mar. 5	1172	257-8	127	296
Car-replacer.....	W. Cook.....	847,732	Mar. 19	4050	885	127	1081
Car-replacer.....	E. H. Best.....	849,313	Apr. 2	1385	279	127	1940
Car-replacer.....	C. H. Hess.....	849,393	Apr. 9	1552	314	127	2020
Car-replacer.....	W. F. Brann.....	856,192	June 4	1429	302	128	2052
Car-replacer.....	J. M. Bowman.....	857,437	June 18	3864	821	128	2742
Car-replacer.....	G. H. Sargent. (Reissue).....	12,667	June 25	5747	1224-5	128	3257
Car-replacer.....	V. V. Jones.....	859,229	July 9	1417	376	129	511
Car-replacer.....	E. C. Waldorf.....	869,034	Oct. 22	2874	794	130	2264
Car-replacing. Automatic.....	J. W. Walls.....	867,857	Oct. 8	963	275	130	1626
Car-replacing frog.....	L. Pluard.....	847,259	Mar. 12	3065	676	127	801
Car. Rocker-drop-bottom.....	H. C. Priebo.....	861,390	July 30	4770	1304	129	1700
Car roller-bearing. Railway.....	E. S. Woods and J. Jacob.....	859,475	July 9	1787	481	129	633
Car roller side bearing. Railway.....	F. B. Townsend.....	849,515	Apr. 9	1806	366	127	2085
Car roller side bearing. Railway.....	J. F. O'Connor.....	861,760	July 30	5339	1472	129	1873
Car-roof.....	S. Herbert.....	845,414	Feb. 26	5363	1138	126	3240
Car-roof.....	W. J. Wheeler.....	849,518	Apr. 9	1809	367	127	2085
Car-roof.....	E. Posson.....	858,825	July 2	816	212	129	282
Car-roof.....	D. C. Ross.....	854,993	Sept. 3	365	97-8	130	115
Car-roof.....	J. J. Tatum.....	865,452	Sept. 10	1076	307	130	356
Car-roof.....	W. N. Garrett.....	870,721	Nov. 12	1348	368	131	473
Car-roof.....	S. Otis.....	871,179	Nov. 19	2143	572	131	725
Car-roof construction.....	G. Steinmeyer, Sr.....	847,708	Mar. 19	4005	875	127	1071
Car-roof construction. Passenger.....	A. E. Osterander.....	847,500	Mar. 19	3562	781-2	127	957
Car-roof frame. Box.....	W. H. Emerick and H. A. Bundy.....	849,382	Apr. 9	1533	310	127	2041
Car-roof. Metallic.....	A. Campbell.....	853,342	May 14	1984	409	128	543
Car-roof side deck. Passenger.....	A. E. Osterander.....	847,502	Mar. 19	3566	783	127	959
Car-roofs. Means for conducting water from.....	A. H. Funke.....	863,700	Aug. 20	2517	694	129	2932
Car running-gear.....	J. H. Kelly.....	841,256	Jan. 15	2950	641	126	838
Car safety appliance. Railway.....	J. T. Andrew.....	844,228	Feb. 12	2719	580-1	126	2508
Car safety appliance. Railway.....	J. T. Andrew.....	864,058	Aug. 20	3041	840	129	3094
Car safety appliance. Railway.....	J. T. Andrew.....	835,287	Sept. 3	805	231	130	243
Car safety device.....	G. W. Sayre.....	869,658	Oct. 29	3869	1059-60	130	2598
Car sand-box.....	A. L. Bacon.....	872,104	Nov. 26	4138	990	131	1061
Car-seat.....	E. G. Budd and C. A. Condé.....	842,298	Jan. 29	5056	1079	126	1434
Car-seat.....	J. A. Wollé.....	844,224	Feb. 12	2710	679	126	2505
Car-seat.....	C. K. Pickles.....	848,201	Mar. 26	4078	1089	127	1344
Car-seat.....	F. H. Henry.....	858,178	June 25	5374	1143	128	3155
Car-seat.....	H. Witte.....	869,122	Oct. 22	3004	830	130	2305
Car seat and berth. Sleeping.....	J. F. Butz.....	862,387	Aug. 6	465	123-4	129	2233
Car-seat. Auxiliary.....	N. Joergensen.....	865,104	Sept. 3	526	145	130	159
Car-seat. Auxiliary.....	N. Joergensen.....	874,082	Dec. 17	3676	773	131	1818
Car-seat. Reversible.....	E. P. Rideout.....	870,385	Nov. 5	829	219	131	272
Car-seat. Walk-over.....	P. M. Kling.....	853,245	May 14	1769	368	128	482
Car-seats and the like. Rail connection for.....	E. G. Budd.....	849,657	Apr. 9	2060	422	127	2158
Car. Semiconvertible.....	E. T. Robinson.....	844,896	Feb. 19	4335	925	126	2941
Car-shifting apparatus.....	F. I. Kimball.....	847,950	Mar. 19	4513	990	127	1190
Car shock-absorber. Motor.....	A. Dutrieux.....	871,329	Nov. 19	2482	641	131	777
Car side bearing.....	W. W. Woolf.....	845,839	Mar. 5	207	42	127	54
Car side bearing.....	H. D. Laughlin.....	846,577	Mar. 12	1739	384-5	127	471
Car side bearing.....	H. D. Laughlin.....	846,578	Mar. 12	1741	385-6	127	472
Car side bearing.....	H. M. Perry.....	846,608	Mar. 12	1819	400	127	493
Car side bearing.....	H. M. Perry.....	846,609	Mar. 12	1820	400	127	493
Car side bearing.....	H. M. Perry.....	846,610	Mar. 12	1823	400-1	127	494
Car side bearing.....	L. W. Barber.....	858,779	July 2	719	190	129	249
Car side bearing.....	E. S. Woods.....	860,177	July 16	2864	782	129	1012
Car side bearing.....	S. Woods. (Reissue).....	12,689	Aug. 27	4177	1159	129	3479
Car side bearing.....	J. C. Barber.....	873,404	Dec. 10	2270	473	131	1560
Car side bearing. Railway.....	W. White.....	841,836	Jan. 22	4117	886	126	1173
Car side bearing. Railway.....	J. Jacob.....	871,408	Nov. 19	2655	678	131	803
Car side stake.....	R. B. Kendig.....	863,285	Aug. 13	1903	514-15	129	2708
Car signal.....	F. L. Irwin.....	861,855	July 30	5490	1515	129	1920
Car signal device. Street.....	P. D. Milloy.....	852,282	Apr. 30	7177	1506	127	3501
Car signal. Street.....	H. H. Miller.....	847,289	Mar. 12	3124	638	127	810
Car sill and bolster construction. Railway.....	G. S. Henninger.....	847,587	Nov. 19	3028	754	131	862
Car. Sleeping.....	E. I. Dodds.....	842,872	Feb. 5	59	14	126	1805
Car. Sleeping.....	T. O. Abbott.....	858,130	June 25	5283	1122	128	3133
Car spring-support. Motor.....	H. R. Schmedes.....	864,489	Aug. 27	3700	1031	129	3331
Car-stake.....	J. J. Van den Bergh.....	862,682	Aug. 6	965	258	129	2381
Car-stake.....	J. E. Flynn.....	841,500	Jan. 15	3442	741	126	967
Car-stake.....	R. L. Edwards.....	842,638	Jan. 29	5809	1227	126	1630
Car-stake.....	F. W. Topliff.....	846,877	Mar. 12	2333	514	127	624
Car-stake.....	F. V. Carman.....	852,167	Apr. 30	6980	1457	127	3525
Car-stake.....	D. E. Flory.....	858,803	July 2	778	203	129	272
Car-stake.....	L. Stas.....	858,834	July 2	828	215	129	286
Car-stake.....	R. E. Frame.....	859,555	July 9	1916	516	129	674
Car-stake.....	W. H. Baker.....	864,221	Aug. 27	3300	915	129	3203
Car-stake.....	J. W. Stokoe.....	865,448	Sept. 10	1067	304	130	353
Car-stake.....	J. D. Perry.....	870,123	Nov. 5	389	108	131	130
Car-stake and attaching means therefor.....	J. A. Toomey.....	846,963	Mar. 12	2507	553	127	667

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Car stake. Gondola.....	W. O. Moody and H. A. Simms.	846,127	Mar. 5	846	177	127	215
Car-stanchion.....	R. P. De Remer.....	869,831	Oct. 29	4131	1141	130	2675
Car-stanchion. Flat.....	F. J. Buzbee.....	848,086	Mar. 26	4792	1045	127	1297
Car-standard.....	G. W. Du Bes.....	846,289	Mar. 5	1129	246	127	286
Car-standard.....	E. L. Peterson.....	868,835	Oct. 22	2532	697	130	2159
Car-standards. Self-clearing chain-stay for.....	G. W. Du Bes.....	846,290	Mar. 5	1131	247	127	286
Car. Steel railway.....	W. F. Kiesel, Jr.....	865,500	Sept. 10	1158	329-30	130	382
Car. Steel side-dump.....	R. B. Campbell.....	866,620	Sept. 24	2858	806-8	130	988
Car steel underframe.....	H. C. Priebe.....	861,391	July 30	4771	1305	129	1700
Car steel underframing. Railway.....	F. L. Irwin.....	870,436	Nov. 5	900	243	131	295
Car steering and braking device combined. Motor.....	E. H. Geist.....	868,337	Oct. 15	1760	497	130	1892
Car steering mechanism. Motor.....	G. H. Coates.....	871,109	Nov. 19	1986	542-3	131	702
Car-step.....	L. Yeager, Jr.....	849,955	Apr. 9	2597	539	127	2285
Car-step.....	O. A. Kneeland.....	870,442	Nov. 5	907	246	131	297
Car-step.....	G. G. Comer, A. Burk, and D. Modrow.	872,902	Dec. 3	1233	263	131	1360
Car-step. Extension.....	K. Stevens.....	850,072	Apr. 9	2788	587	127	2330
Car-step. Extension.....	J. H. Cameron.....	863,699	Aug. 20	2504	691	129	2929
Car-step. Folding.....	N. L. Reeves and J. B. Shane.....	868,482	Oct. 15	1989	554	130	1962
Car-step. Folding.....	W. G. Felkner.....	869,429	Oct. 29	3498	960	130	2485
Car-step. Pivoted.....	G. Hagberg.....	840,619	Jan. 8	1688	370	126	476
Car-step. Pivoted.....	R. M. Lamb.....	864,848	Sept. 3	136	37	130	43
Car. Stock.....	F. Campbell and G. E. Wilson.....	852,417	May 7	12	3-4	128	6
Car. Stock.....	G. W. Winters.....	859,793	July 9	2268	616-17	129	788
Car-stop. Automatic.....	J. S. Pates.....	840,247	Jan. 1	922	202	126	250
Car-stop. Automatic.....	J. W. Reed.....	857,205	June 18	3440	725-6	128	2637
Car-stop. Automatic.....	G. H. Richards.....	874,349	Dec. 17	4191	882	131	1906
Car. Street.....	A. H. Bates.....	861,700	July 30	5246	1441-2	129	1846
Car. Street.....	W. P. Michel.....	871,514	Nov. 19	2892	724	131	838
Car street-annunciator. Electric.....	I. E. Hoover.....	859,498	July 9	1819	489-90	129	643
Car structure.....	W. E. Symons.....	866,403	Sept. 17	2550	711	130	859
Car structure.....	W. E. Symons.....	866,404	Sept. 17	2552	711-12	130	860
Car sweeper or scrape.....	G. Trevisanus.....	853,385	May 14	2063	428	128	562
Car switch. Automatic mine.....	M. O. Horning.....	842,667	Jan. 29	5881	1239-40	126	1649
Car switch-operating mechanism.....	J. Barnes.....	842,380	Jan. 29	5250	1114	126	1489
Car switch. Street.....	W. H. Coombs.....	874,491	Dec. 24	4475	943	131	1985
Car-switching mechanism.....	A. Hector.....	862,395	Aug. 6	480	129	129	2237
Car switching mechanism. Railway.....	W. C. Sharp.....	844,757	Feb. 19	4068	867	126	2874
Car. Tank.....	T. R. Brown.....	845,752	Mar. 5	42	9	127	14
Car. Tank.....	T. R. Brown.....	846,392	Mar. 5	1335	294	127	337
Car. Tank.....	T. R. Brown.....	846,646	Mar. 12	1889	415	127	511
Car. Tank.....	T. R. Brown.....	848,286	Mar. 26	5163	1125	127	1392
Car. Tank.....	T. R. Brown.....	853,576	May 14	2423	505	128	655
Car. Tank.....	J. M. Ames.....	857,571	June 25	4144	877-8	128	2843
Car. Tank.....	A. J. McCauley.....	861,474	July 30	4910	1347-8	129	1741
Car. Tank.....	F. L. Irwin.....	864,377	Aug. 27	3529	979-80	129	3273
Car. Tank.....	F. L. Irwin.....	874,363	Dec. 17	4217	888-9	131	1910
Car-track and car-door hanger.....	B. Shannon.....	859,698	July 9	2136	577	129	743
Car track-brake. Railway.....	W. Miner.....	864,754	Aug. 27	4153	1153	129	3468
Car traffic system. Motor.....	R. T. Yates.....	854,261	May 21	3843	794	128	1053
Car trap-doors. Binding for.....	O. M. Edwards.....	847,559	Mar. 19	3678	811	127	990
Car uncoupling mechanism. Railway.....	H. T. Krakau.....	840,774	Jan. 8	1979	436-7	126	549
Car-underframe.....	C. H. Howard and J. F. Dunn.....	845,089	Feb. 26	4718	1000-1	126	3078
Car-underframe.....	C. H. Howard.....	848,370	Mar. 26	5329	1160	127	1429
Car-underframe.....	A. Becker.....	863,580	Aug. 20	2342	639	129	2874
Car-underframe.....	H. M. Pfleger.....	863,871	Aug. 20	2767	761	129	3011
Car-underframe.....	J. S. Andrews.....	865,668	Sept. 10	1424	403	130	465
Car-underframe.....	J. S. Andrews.....	865,669	Sept. 10	1425	404	130	466
Car-underframe.....	J. S. Andrews.....	865,670	Sept. 10	1426	404	130	466
Car-underframe.....	J. S. Andrews.....	865,745	Sept. 10	1544	435	130	503
Car-underframe.....	A. E. Ostrander.....	866,956	Sept. 24	3378	955-6	130	1154
Car-underframe.....	W. F. Richards.....	866,967	Sept. 24	3391	959-60	130	1158
Car-underframe.....	J. S. Andrews.....	866,997	Sept. 24	3437	974	130	1172
Car-underframe.....	H. C. Priebe.....	870,130	Nov. 5	396	111	131	132
Car-underframe.....	C. H. Howard and C. T. Westlake.	871,799	Nov. 26	3439	844	131	958
Car-underframe.....	A. Becker.....	872,044	Nov. 26	4024	965	131	1042
Car-underframe.....	C. S. Shallenberger.....	873,800	Dec. 17	3045	647	131	1725
Car-underframe.....	R. E. Frame.....	875,167	Dec. 31	5853	1222	131	2230
Car-underframe. Box.....	J. M. Hansen.....	841,145	Jan. 15	2742	598-9	126	787
Car-underframe. Metallic.....	E. I. Dodds.....	842,873	Feb. 5	61	15	126	1806
Car-underframe. Metallic.....	J. M. Hansen.....	854,349	May 21	3997	826	128	1094
Car-underframe. Passenger and like.....	A. Christianson.....	854,403	May 21	4095	846-7	128	1118
Car-underframe. Steel.....	A. Becker.....	841,221	Jan. 15	2880	627	126	819
Car underframe structure. Transverse.....	E. I. Dodds.....	845,934	Mar. 5	430	88-9	127	111
Car-unloading apparatus. Grain.....	F. R. McQueen.....	873,773	Dec. 17	2992	634-5	131	1717
Car-unloading apparatus. Platform.....	P. McNeerney.....	842,807	Jan. 29	6171	1303-4	126	1717
Car-unloading device.....	C. H. Smith.....	875,385	Dec. 31	6282	1310	131	2299
Car-ventilating apparatus.....	D. Hill.....	850,158	Apr. 16	2963	621-2	127	2413
Car-ventilating apparatus. Passenger.....	O. Hoffman and E. A. Newman.	873,862	Dec. 17	3185	679	131	1747
Car-ventilating device.....	G. W. Ruggles.....	875,290	Dec. 31	6095	1272	131	2269
Car-ventilating system.....	F. D. Jacobs.....	871,938	Nov. 26	3748	913	131	1005
Car-ventilating system. Passenger.....	N. S. Mercer.....	873,153	Dec. 10	1760	370-1	131	1477
Car-ventilator.....	P. P. Carroll.....	844,496	Feb. 19	3287	709	126	2687
Car-ventilator.....	J. H. Elward.....	846,098	Mar. 5	783	163-4	127	200
Car-ventilator.....	F. Riemer.....	853,935	May 14	3188	653	128	848
Car-ventilator.....	R. J. Harty.....	854,945	May 28	5180	1079	128	1422
Car-ventilator.....	G. L. Archer.....	856,934	June 11	2899	607	128	2458
Car-ventilator.....	H. Van Ness.....	858,123	June 25	5274	1120	128	3131
Car-ventilator.....	E. N. Dillman.....	858,268	June 25	5531	1182	128	3196
Car-ventilator.....	T. H. Garland. (Reissue).....	12,729	Dec. 3	1455	302-3	131	1393
Car-ventilator.....	T. H. Garland.....	874,320	Dec. 17	4145	872	131	1897
Car-vestibule.....	E. L. Forsgren.....	844,585	Feb. 19	3723	783	126	2786
Car-vestibule.....	J. Krehbiel.....	851,945	Apr. 30	6522	1360	127	3386
Car-vestibule diaphragm.....	J. H. Donaldson.....	845,451	Feb. 26	5430	126	126	3255

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Car-vestibule diaphragm.....	F. C. Arey.....	875,642	Dec. 31	6881	1436	131	2383
Car vestibule trap-door and steps. Passenger-	A. E. Ostrander.....	847,501	Mar. 19	3564	782	127	958
Car. Wet-stone.....	A. A. Pauly.....	849,160	Apr. 2	1112	224	127	1873
Car-wheel.....	F. L. Smith.....	841,275	Jan. 15	2986	649	126	846
Car-wheel.....	T. L. Hawkins.....	847,069	Mar. 12	2711	597	127	716
Car-wheel.....	R. P. Williams.....	851,464	Apr. 23	5511	1154	127	3099
Car-wheel.....	A. S. Gustafson.....	853,082	May 7	1439	301	128	365
Car-wheel.....	F. Latimer.....	854,828	May 28	4941	1027	128	1360
Car-wheel.....	T. S. Blair, Jr.....	856,675	June 11	2443	502	128	2347
Car-wheel.....	T. S. Blair, Jr.....	856,677	June 11	2447	502	128	2347
Car-wheel.....	J. A. Pilcher and W. W. Lemen.....	869,514	Oct. 29	3634	996	130	2527
Car-wheel.....	F. K. Vial.....	869,671	Oct. 29	3896	1072	130	2006
Car-wheel.....	J. H. Woodworth.....	873,477	Dec. 10	2391	504	131	1584
Car-wheel and attaching same to axles.....	J. W. Latcher.....	868,875	Oct. 22	2628	727	130	2187
Car-wheel brake.....	J. H. Shaw.....	864,269	Aug. 27	3374	938	129	3226
Car-wheel chill.....	B. M. Carr.....	872,608	Dec. 3	604	127-8	131	1262
Car-wheel fender.....	J. F. Sargent, Jr.....	851,965	Apr. 30	6560	1366	127	3396
Car-wheel fender.....	G. Gessert.....	864,638	Aug. 27	3975	1102	129	3414
Car-wheel fender.....	J. Hoefting.....	867,971	Oct. 15	1198	331	130	1721
Car-wheel-flange greaser. Automatic.....	M. W. Willson.....	871,549	Nov. 19	2964	739-40	131	849
Car wheel-locking attachment. Tram.....	T. Parker.....	869,257	Oct. 29	3212	884-5	130	2397
Car-wheel lubricator.....	E. L. Knight.....	864,004	Aug. 20	2959	815	129	3069
Car-wheel oil-chamber cover.....	H. W. Landrock.....	863,800	Aug. 20	2663	735	129	2979
Car wheel. Pit.....	W. C. Fownes, Jr., and R. J. Gardner.....	843,883	Feb. 12	2058	440-1	126	2342
Car-wheel press.....	J. K. Cullen and G. T. Reiss.....	845,397	Feb. 26	5333	1131	126	3232
Car-wheel tempering and annealing apparatus.....	J. M. Hansen.....	871,931	Nov. 26	3738	911	131	1003
Car-wheels. Tempering and annealing.....	J. M. Hansen.....	871,932	Nov. 26	3740	911	131	1003
Car-window.....	W. H. Heullings, Jr.....	850,157	Apr. 16	2961	621	127	2412
Car-window.....	E. S. Bucknam.....	855,933	June 4	953	197-8	128	1934
Car-window.....	W. F. Kiesel, Jr.....	865,499	Sept. 10	1156	328-9	130	382
Car-window cleaner.....	T. J. Short.....	856,428	June 11	1973	406	128	2228
Car-window cleaner.....	H. Fesenfeld.....	860,021	July 16	2640	717	129	938
Car-window sash.....	E. T. Robinson.....	842,493	Jan. 29	5507	1165	126	1558
Car-windows. Preventing the collection of snow and sleet upon.....	G. M. Little.....	868,279	Oct. 15	1661	469	130	1864
Cars. Adjustable stairway for suspended railway-.....	D. M. Pfautz.....	841,653	Jan. 15	3718	808	126	1035
Cars. Adjustable wall and ventilator for stock-.....	J. Shaw.....	850,678	Apr. 16	3981	832	127	2678
Cars and other receptacles. Discharging-door for dumping-.....	W. L. Coughtry.....	848,159	Mar. 26	4905	1071-2	127	1326
Cars and other road-vehicles. Resilient wheel for motor-.....	T. Oldfield and J. A. Schofield.....	863,206	Aug. 13	1781	479	129	2672
Cars and the like. Safety guard or fender for tram-way-.....	G. Hauff.....	856,253	June 11	1567	329	128	2124
Cars. Angle-cock holder for railway-.....	L. A. Hoerr.....	858,719	July 2	618	162	129	213
Cars. Antifriction center-bearing for.....	J. C. Barber.....	860,275	July 16	3006	823	129	1058
Cars. Antifriction center-bearing for.....	J. C. Barber.....	869,685	Oct. 29	3917	1078	130	2613
Cars. Attachment for preventing telescoping of.....	F. Hedley.....	867,367	Oct. 1	218	63	130	1379
Cars. Automatic air-brake coupling for railway-.....	F. H. Rutherford.....	843,701	Feb. 12	1718	366-7	126	2257
Cars. Automatic air-brake coupling for railway-.....	F. H. Rutherford.....	843,702	Feb. 12	1724	367	126	2259
Cars. Automatic air-brake coupling for railway-.....	F. H. Rutherford.....	845,265	Feb. 26	5057	1076	126	3165
Cars. Automatic curtain hook and release for vestibule-.....	C. McCoy and W. Morton.....	853,188	May 7	1623	339	128	409
Cars. Automatic electric gong-ringing device for street-.....	N. Fallek and G. F. Wolfe.....	864,961	Sept. 3	318	85	130	101
Cars. Bellows-fold coupling for vestibule-.....	E. L. Perry, Sr. and Jr.....	843,233	Feb. 5	813	167	126	2000
Cars. Card-holder for railway-.....	E. Gurley.....	844,933	Feb. 19	4391	938	126	2955
Cars. Carline for railway-.....	C. A. Lindström.....	845,960	Mar. 5	489	100-1	127	126
Cars. Carline for railway-.....	C. A. Lindström.....	845,961	Mar. 5	490	101	127	127
Cars. Check-holder for mine-.....	W. J. Connell.....	855,388	May 28	6035	1260	128	1638
Cars. Check-lock for mining-.....	C. A. Cabell.....	848,441	Mar. 26	5469	1192	127	1467
Cars. Circuit-closing mechanism for indicators on.....	T. W. Small.....	843,182	Feb. 5	707	147	126	1972
Cars. Collapsible and extensible safety-gate for street and other.....	M. L. Rohrer.....	850,969	Apr. 23	4531	948	127	2854
Cars. Compound dumping-hinge and automatic door-bar for ore-.....	W. C. Matteson.....	860,817	July 23	3846	1055	129	1365
Cars. Connecting device for disabled railway-.....	R. P. Williams.....	871,547	Nov. 19	2960	739	131	849
Cars. Device for operating air-cocks on air-brake-.....	A. Fravor.....	867,718	Oct. 8	743	208	130	1561
Cars. Device for raising the boxes of railway-.....	W. F. Bentley and E. B. Miller.....	867,549	Oct. 1	488	140	130	1464
Cars. Discharge for tank-.....	W. D. Russell.....	868,130	Oct. 15	1436	403	130	1794
Cars, &c. Driving-gear for motor-.....	L. Iversen.....	856,703	June 11	2486	511	128	2357
Cars. Electric-lighting system for railway-.....	W. J. Bohan.....	854,072	May 21	3476	717	128	959
Cars. Electropneumatic braking device for railway-.....	R. Wikander.....	856,010	June 4	1090	226	128	1969
Cars. Flange and ice-cutter for railway-.....	J. H. Hampson.....	863,170	Aug. 13	1728	464	129	2654
Cars. Folding stake for railway-.....	J. W. Kendrick.....	845,097	Feb. 26	4739	1005	126	3084
Cars, &c. Guard or gate for street-.....	G. A. Metcalf.....	845,880	Mar. 5	311	62	127	81
Cars. Hanger-strap or handhold for.....	J. F. Newton, Jr.....	863,935	Aug. 20	2862	788	129	3040
Cars, &c. Intermitting apparatus for cooling.....	C. F. Edson.....	865,172	Sept. 3	617	174	130	187
Cars. Life-guard for motor-.....	B. Lev.....	858,461	July 2	147	39	129	49
Cars. Load-releasing mechanism for logging-.....	L. W. Brown and A. W. Chappelle.....	857,026	June 18	3090	652	128	2548
Cars. Making metallic sills for.....	E. I. Dodds.....	840,830	Jan. 8	2073	460	126	571
Cars. Means for raising the boxes of railway-.....	W. F. Bentley.....	867,550	Oct. 1	490	140-1	130	1465
Cars. Means for varying the force of counterweights for hoisting skip-.....	A. E. Brown.....	868,639	Oct. 22	2262	626	130	2075
Cars. Metallic compartment construction for passenger and like.....	A. Christianson.....	854,406	May 21	4104	848-9	128	1121
Cars. Metallic window-frame for steel.....	J. S. Doyle.....	873,218	Dec. 10	1887	395	131	1496
Cars. Needle-beam for railway-.....	H. M. Pfager.....	839,952	Jan. 1	307	67	126	85
Cars. Pipe connection for railway-.....	H. F. Pope.....	867,530	Oct. 1	458	131-2	130	1456
Cars. Pneumatic appliance for.....	G. H. Hollingsworth.....	852,117	Apr. 30	6885	1438	127	3477
Cars. Running-board saddle for.....	W. E. Fowler.....	859,288	July 9	1506	402	129	539
Cars. Safety-schedule for.....	E. F. Reeves.....	859,251	July 9	1447	386	129	521
Cars. Self-acting safety appliance for street-.....	L. M. Maxham.....	866,595	Sept. 17	2821	791	130	943
Cars. Side dumping-rack for.....	T. B. Blackburn and C. D. Brann.....	858,644	July 2	501	129	129	175
Cars, &c. Skid for baggage-.....	W. Leach.....	860,752	July 23	3757	1029	129	1335
Cars. Steam-heating system for railway-.....	A. Hillisch.....	845,002	Feb. 19	4523	965	126	2988
Cars. Steam-heating system for railway-.....	E. E. Gold.....	850,923	Apr. 23	4455	932	127	2837

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Cars. Steam-heating system for railway.....	E. E. Gold.....	852,019	Apr. 30	6703	1393	127	3432
Cars. Steel side stake for.....	E. I. Dodds.....	842,868	Feb. 5	53	12	126	183
Cars. System for transmitting electric currents to.....	J. J. Eagan.....	848,730	Apr. 2	219	44	127	1643
Cars. Third-rail attachment for electric.....	G. H. Sohn.....	874,630	Dec. 24	4760	1001	131	2050
Cars. Three-point contact-trolley timer for internal-combustion motor.....	G. M. Hurley.....	871,064	Nov. 12	1895	519	131	643
Caramel-wrapping machine.....	B. B. Moss.....	855,119	May 28	5559	1154-6	128	1517
Carbid and making same. Massive boron.....	S. A. Tucker.....	869,114	Oct. 22	2989	826	130	2300
Carbid-feeding device.....	A. Davis.....	871,570	Nov. 19	3003	748	131	857
Carbid-feeding device.....	N. D. Shaffer.....	875,466	Dec. 31	6441	1346	131	2325
Carbon. Arc-light.....	A. Kufferath.....	840,222	Jan. 1	881	-----	126	239
Carbon-black. Making.....	A. D. Purtle and I. E. Rowland.....	866,883	Sept. 24	3264	918	130	1118
Carbon-brushes. Means for attaching pigtailed to.....	M. W. Robertson.....	865,059	Sept. 3	473	130	130	143
Carbon dioxide. Apparatus for the manufacture of.....	J. C. Stead.....	872,588	Dec. 3	572	119	131	1255
Carbon for electrical resistances. Preparing.....	E. G. Rivers.....	841,572	Jan. 15	3553	-----	126	994
Carbon-producing apparatus.....	J. Machtoif.....	872,950	Dec. 3	1323	280	131	1375
Carbon. Production of amorphous.....	J. Machtoif.....	872,949	Dec. 3	1318	279	131	1375
Carbon-tetrachlorid preparation and its production.....	J. Stockhausen.....	845,322	Feb. 26	5182	-----	126	3196
Carbon tetrachlorid. Producing.....	F. J. Maywald.....	870,518	Nov. 5	1015	276	131	327
Carbon tetrachlorid. Refining.....	C. E. Acker.....	875,232	Dec. 31	5981	-----	131	2251
Carbons for arc-lamps. Utilizing waste ends of.....	R. Peters.....	845,256	Feb. 26	5036	-----	126	3160
Carbonating apparatus.....	J. H. Fox.....	867,356	Oct. 1	201	58	130	1374
Carbonating apparatus. Liquid.....	S. Twitchell and C. O'Connor.....	854,350	May 21	4066	841	128	1112
Carbonator.....	F. R. H. Thomas.....	843,778	Feb. 12	1858	396	126	2293
Carbonizing wood, peat, and the like. Apparatus for.....	E. E. Murphy.....	871,174	Nov. 19	2134	571	131	723
Carboys. Packing-receptacle for.....	R. Jürgensen.....	860,483	July 16	3324	910	129	1163
Carbureted-air apparatus.....	V. Verity.....	862,424	Aug. 6	524	140	129	2249
Carbureter.....	T. H. Glasscoe.....	842,846	Jan. 29	6255	1321-2	126	17-8
Carbureter.....	G. E. Franquist.....	840,204	Jan. 1	852	184	126	251
Carbureter.....	E. D. Parrott.....	840,708	Jan. 8	1851	407-8	126	518
Carbureter.....	L. Anderson.....	842,052	Jan. 22	4530	974-5	126	1269
Carbureter.....	C. H. Bryant and A. Watling.....	842,170	Jan. 29	4796	1024	126	1370
Carbureter.....	E. L. Mueller.....	843,028	Feb. 5	379	83	126	1888
Carbureter.....	V. C. Severance.....	843,112	Feb. 5	568	119	126	1959
Carbureter.....	J. R. Schrader.....	843,554	Feb. 5	1446	305	126	2153
Carbureter.....	L. Renault.....	844,894	Feb. 19	4331	924-5	126	2941
Carbureter.....	C. Smith.....	844,900	Feb. 19	4343	927	126	2944
Carbureter.....	M. D. Colbath.....	844,995	Feb. 19	4501	960	126	2954
Carbureter.....	M. D. Colbath.....	844,996	Feb. 19	4504	960-1	126	2954
Carbureter.....	M. B. Mason and E. M. Sinclair.....	846,679	Mar. 12	1944	427	127	525
Carbureter.....	G. H. Holgate.....	846,852	Mar. 12	2285	503	127	612
Carbureter.....	F. A. Bradbeer.....	846,903	Mar. 12	2393	526	127	628
Carbureter.....	C. O. Hedstrom.....	848,170	Mar. 26	4923	1075	127	1330
Carbureter.....	W. Thiem.....	848,933	Apr. 2	661	132	127	1757
Carbureter.....	P. Gaeth.....	849,538	Apr. 9	1845	375	127	2094
Carbureter.....	W. E. Hallett.....	850,223	Apr. 16	3099	648	127	2449
Carbureter.....	A. Kunkel.....	851,759	Apr. 30	6121	1279	127	3252
Carbureter.....	A. Akeson and V. G. Anderson.....	853,196	May 7	1645	342	128	416
Carbureter.....	H. L. F. Trebert.....	853,428	May 14	2127	444	128	578
Carbureter.....	J. W. Smith.....	854,246	May 21	3820	789	128	1048
Carbureter.....	H. M. Reichenbach.....	854,604	May 21	4471	931-2	128	1211
Carbureter.....	B. D. Gray.....	855,170	May 28	5655	1177	128	1542
Carbureter.....	P. Jenness.....	855,179	May 28	5673	1180	128	1546
Carbureter.....	M. Loewenstein.....	855,407	May 28	6070	1269	128	1646
Carbureter.....	F. E. Henabray.....	855,574	June 4	244	49	128	1758
Carbureter.....	L. B. Gaylor.....	855,764	June 4	623	127	128	1854
Carbureter.....	W. H. C. Higgins, Jr.....	856,638	June 11	2372	488	128	2329
Carbureter.....	T. McCormick and A. Miller.....	856,654	June 11	2401	494	128	2335
Carbureter.....	A. J. Way.....	857,130	June 18	3289	693-4	128	2599
Carbureter.....	C. T. Gaither.....	857,275	June 18	3562	754	128	2668
Carbureter.....	A. O. Brooke.....	858,437	July 2	114	32	129	38
Carbureter.....	L. Anderson.....	859,719	July 9	2162	584	129	759
Carbureter.....	C. F. Schell.....	860,334	July 16	3100	847	129	1083
Carbureter.....	W. Brown.....	860,522	July 16	3373	927	129	1179
Carbureter.....	F. E. Bowers.....	860,848	July 23	3893	1068	129	1382
Carbureter.....	E. B. and L. S. Cushman.....	861,438	July 30	4869	1334	129	1729
Carbureter.....	J. F. McCanna.....	861,758	July 30	5334	1471	129	1872
Carbureter.....	S. W. Peregrine.....	862,196	Aug. 6	138	38	129	2127
Carbureter.....	F. H. Messinger.....	862,574	Aug. 6	804	215	129	2332
Carbureter.....	J. Stubbers.....	862,855	Aug. 6	1241	336-7	129	2464
Carbureter.....	F. J. Cox.....	863,154	Aug. 13	1704	458	129	2646
Carbureter.....	W. E. Downing.....	863,516	Aug. 13	2231	603	129	2810
Carbureter.....	H. B. Maxwell.....	863,739	Aug. 20	2562	708	129	2946
Carbureter.....	E. J. Selley.....	864,037	Aug. 20	3005	830	129	3082
Carbureter.....	F. W. Sickies.....	864,111	Aug. 20	3120	863	129	3119
Carbureter.....	A. F. Rockwell.....	865,060	Sept. 3	474	131	130	143
Carbureter.....	W. R. Park.....	865,522	Sept. 10	1195	340-1	130	393
Carbureter.....	A. C. Stewart.....	865,539	Sept. 10	1230	350-1	130	402
Carbureter.....	G. D. Garland.....	865,980	Sept. 10	1922	539	130	632
Carbureter.....	J. C. Lewis.....	866,490	Sept. 17	2666	745	130	897
Carbureter.....	W. F. Roth.....	867,604	Oct. 8	583	166	130	1512
Carbureter.....	E. M. J. Weinat and J. Bogey.....	867,859	Oct. 8	965	275	130	1627
Carbureter.....	L. Bollée.....	868,251	Oct. 15	1612	456-7	130	1848
Carbureter.....	W. C. Schneider.....	868,707	Oct. 22	2378	658	130	2112
Carbureter.....	G. M. Schebler.....	870,052	Nov. 5	279	76	131	95
Carbureter.....	J. G. P. M. Monnier and A. M. Morin.....	871,134	Nov. 19	2055	556	131	710
Carbureter.....	L. Bollée.....	871,320	Nov. 19	2462	636-7	131	774
Carbureter.....	C. C. Walter.....	871,464	Nov. 19	2784	700-1	131	822
Carbureter.....	H. B. Cornish.....	871,480	Nov. 19	2817	708-9	131	826
Carbureter.....	J. A. McHardy.....	871,730	Nov. 19	3274	811	131	905
Carbureter.....	G. H. Gere.....	872,505	Dec. 3	393	82	131	1229
Carbureter.....	A. E. Stoker.....	873,392	Dec. 10	2247	468	131	1555
Carbureter.....	H. D. Baird.....	874,822	Dec. 24	5128	1080	131	2093
Carbureter air-intake regulator.....	F. C. Reineking.....	871,361	Nov. 19	2545	654	131	787
Carbureter. Explosion-engine.....	A. B. Schuyler.....	842,429	Jan. 29	5363	1135	126	1521
Carbureter for explosive-engines.....	L. C. Freeman.....	851,285	Apr. 23	5166	1086	127	3014

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Carbureter for explosive-engines. Double.....	T. L. and T. J. Sturtevant. (Re-issue.)	12,611	Feb. 19	4605	980	126	3010
Carbureter for explosive-engines. Double.....	T. L. and T. J. Sturtevant.....	871,741	Nov. 19	3299	816	131	909
Carbureter for gasoline-engines.....	L. Anderson.....	848,425	Mar. 26	5437	1185-6	127	1458
Carbureter for gasoline-engines.....	F. E. Bowers.....	850,339	Apr. 16	3314	690	127	2509
Carbureter for hydrocarbon-engines.....	T. Huber.....	856,958	June 11	2940	617-18	128	2468
Carbureter for internal-combustion engines.....	E. V. Hartford.....	868,265	Oct. 15	1656	462	130	1857
Carbureter for oil-engines.....	G. Enrico.....	860,908	July 23	3994	1094-5	129	1414
Carbureter. Gasolene.....	A. Winton.....	869,675	Oct. 29	3904	1074	130	2609
Carbureting and oil-separating apparatus.....	J. E. Seeley and F. A. Sylva.....	866,525	Sept. 17	2715	759	130	911
Carbureting apparatus.....	R. G. Speer.....	852,685	May 7	636	122	128	166
Carcass-elevator.....	A. Hannaford.....	852,785	May 7	839	168	128	215
Card. Adjustable-tab guide.....	E. M. Newald.....	850,245	Apr. 16	3137	656	127	2461
Card and envelop. Shopping.....	H. Wittman.....	864,748	Aug. 7	4145	1151	129	3466
Card and stencil or type-plate frame. Combined.....	W. E. Choate.....	866,775	Sept. 24	3109	875	130	1071
Card-case.....	M. Niell.....	842,002	Jan. 22	4435	955	126	1247
Card-clothing. Apparatus for hardening the teeth of.....	L. C. Schneider.....	840,030	Jan. 1	598	130	126	158
Card-clothing. Means for tacking on.....	A. Arnold.....	862,374	Aug. 6	434	119	129	2222
Card-dealing device.....	A. G. Higgins.....	841,966	Jan. 22	4358	940	126	1229
Card-dealing machine. Playing.....	G. Murch.....	842,803	Jan. 29	6163	1301	126	1715
Card-feeder.....	J. W. Scott.....	853,602	May 14	2474	515	128	668
Card-feeding device. Automatic.....	W. A. Billman.....	849,655	Apr. 9	2057	421-2	127	2147
Card-folder. Magazine.....	C. C. McPhee.....	864,984	Sept. 3	353	94	130	111
Card-grinding machine.....	J. F. Lehman.....	856,072	June 4	1188	252	128	1993
Card-holder.....	G. T. H. Willing.....	858,315	June 25	5612	1201	128	3216
Card-holder.....	S. P. Crouse.....	863,265	Aug. 13	1878	507	129	2700
Card holder. Price.....	R. S. Bartle.....	861,250	July 30	4532	1239	129	1620
Card holding or exhibiting device.....	S. R. Lang.....	868,998	Oct. 22	2826	778	130	2251
Card. Mechanical.....	L. H. Glazier.....	850,150	Apr. 16	2951	618	127	2410
Card package and cribbage-board. Playing.....	L. O. Granger.....	847,570	Mar. 19	3698	815	127	994
Card. Playing.....	L. Healy.....	869,302	Oct. 29	3288	906	130	2422
Card. Resistance.....	H. Sawyer.....	841,054	Jan. 8	2531	552-3	126	687
Card. Score.....	W. F. Connolly.....	840,827	Jan. 8	2067	458	126	569
Card. Score.....	P. H. Keefe.....	844,807	Feb. 19	4171	889	126	2901
Card-sorting device.....	D. Kent.....	849,622	Apr. 9	1993	408-9	127	2130
Card-support.....	H. J. Phillips.....	840,459	Jan. 1	1350	299	126	352
Card-table.....	C. G. Davidson.....	847,655	Mar. 19	3895	851	127	1045
Card-table.....	E. P. Musgrave.....	848,042	Mar. 26	4723	1029	127	1280
Card. Tally.....	E. D. McKenna.....	865,795	Sept. 10	1612	456	130	523
Card-teeth. Apparatus for hardening and tempering.....	A. G. Herman.....	870,364	Nov. 5	797	213	131	260
Card. Transparent-faced filing.....	J. A. Bexell.....	868,758	Oct. 22	2452	678-9	130	2134
Cards. Feeder for intermediate.....	O. G. Petterson and J. J. Rae.....	844,741	Feb. 19	4034	859-60	126	2864
Cards for lace-machines. Machine for punching jacquard.....	H. Carbonnelle.....	873,293	Dec. 10	2033	425-6	131	1522
Cards. Machine for repeating jacquard.....	V. E. Royle.....	858,760	July 2	684	181-2	129	237
Cards or paper. Machine for feeding.....	J. P. Wright.....	871,746	Nov. 19	3316	819	131	911
Cards. Playing.....	A. K. Ferris.....	848,542	Mar. 26	5640	1235	127	1508
Cards. Playing.....	T. W. Lucke.....	855,192	May 28	5697	1186	128	1551
Cards. Playing.....	H. C. Ward.....	855,681	June 4	454	95	128	1812
Cardboard and manufacturing the same.....	L. Emerson.....	852,938	May 7	1167	240	128	297
Carding articles of merchandise. Means for.....	L. W. Andersen.....	855,216	May 28	5737	1194	128	1562
Carding-engine.....	M. Collins.....	864,515	Aug. 27	3763	1046	129	3351
Carding-engine feed mechanism.....	D. C. Fisher.....	872,719	Dec. 3	844	175-6	131	1300
Carding-engine. Traveling-flat.....	W. Batten and W. Hayes.....	857,713	June 25	4418	933	128	2915
Carding-machine.....	M. A. Kehoe.....	852,330	Apr. 30	7259	1526	127	3570
Carding-machine.....	T. E. Ainley.....	853,854	May 14	3001	617	128	801
Carding-machine.....	S. Cordingley.....	856,031	June 4	1126	236	128	1979
Carding-machine.....	W. D. Rundlett.....	860,154	July 16	2828	772	129	1002
Carding-machine.....	R. B. Robinson and E. V. Bates.....	867,837	Oct. 8	952	266	130	1618
Carding-machine.....	C. I. King.....	868,901	Oct. 22	2805	774	130	2242
Carding-machine cleaner.....	R. Couture.....	840,476	Jan. 8	1393	808	126	402
Carding-machine feeder.....	J. Stewart.....	864,933	Sept. 3	266	70-1	130	84
Carding-machine feeding mechanism.....	H. Kemp.....	866,726	Sept. 24	3035	856	130	1047
Carding-machine under-screen.....	R. M. Whitney.....	870,264	Nov. 5	613	164	131	200
Carline.....	J. H. Weisbrod.....	842,597	Jan. 29	5725	1210	126	1608
Carline.....	N. E. Parish.....	862,102	July 30	5870	1626	129	2039
Carnations. Fastening device for split.....	A. J. Baur.....	875,236	Dec. 31	5987	1247	131	2253
Carnations, &c. Tool for applying fastening devices to split.....	A. J. Baur.....	874,381	Dec. 24	4262	898	131	1948
Carousel.....	O. R. Olson.....	843,908	Feb. 12	2109	452	126	2355
Carousel. Water.....	W. D. Burke.....	840,905	Jan. 8	2235	492	126	612
Carpenter's bench.....	H. A. Brunström.....	845,638	Feb. 26	5896	1244	126	3372
Carpenter's bench.....	W. Brückner.....	850,813	Apr. 16	4219	887	127	2736
Carpenter's bench.....	H. Rösner.....	860,061	July 16	2701	735	129	958
Carpenter's clamp.....	J. P. Fraker.....	863,373	Aug. 13	2034	549	129	2752
Carpenter's combination-tool.....	J. M. Darrow.....	862,139	Aug. 6	31	9	129	2091
Carpenter's gage.....	B. O. Gudgen.....	852,432	May 7	45	9	128	15
Carpenter's tool.....	B. Stoll.....	840,268	Jan. 1	963	209	126	260
Carpenter's tool.....	W. T. Bubb.....	855,834	June 4	760	156	128	1886
Carpet and rug stretching device.....	H. Hardwick.....	873,743	Dec. 17	2941	623	131	1707
Carpet-beater.....	O. O'Halloran.....	852,195	Apr. 30	7029	1467-8	127	3515
Carpet-beater.....	R. J. Green.....	856,139	June 4	1326	277	128	2028
Carpet-beating machine.....	C. S. Phoenix.....	864,553	Aug. 27	3843	1065	129	3374
Carpet-cleaner.....	L. B. Cobb.....	862,053	July 30	5764	1601-2	129	2005
Carpet-cleaner.....	G. Friedman.....	866,640	Sept. 24	2899	817	130	998
Carpet-cleaner.....	F. J. Matchette.....	867,067	Sept. 24	3552	1006	130	1207
Carpet-cleaner.....	E. T. Williams.....	868,901	Oct. 22	2668	737	130	2201
Carpet-cleaner. Rotary.....	G. F. Goddard.....	874,584	Dec. 24	4675	982	131	2015
Carpet-cleaning apparatus. Nozzle for pneumatic.....	A. Crossman.....	848,974	Apr. 2	730	148	127	1774
Carpet-cleaning device. Pneumatic.....	R. F. Diserens.....	850,909	Apr. 23	4427	926	127	2831
Carpet-cleaning machine.....	C. S. Baldwin.....	862,695	Aug. 6	987	263	129	2387
Carpet-cleaning machine.....	L. B. Cobb.....	842,385	Jan. 29	5261	1116	126	1492
Carpet-cleaning machine.....	W. H. Heffernan and A. E. Hall.....	850,645	Apr. 16	3923	818-19	127	2665
Carpet-cleaning machine.....	R. B. Hutchison.....	871,700	Nov. 19	3226	798	131	896
Carpet-cutter.....	G. Gamston and H. Coward.....	840,928	Jan. 8	2284	501	126	624
Carpet cutting and fraying machine.....	L. E. King.....	861,661	July 30	5185	1423-4	129	1829

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Carpet-fastener.....	E. O. Wells.....	861,412	July 30	4818	1321	129	1715
Carpet-fastener.....	P. J. A. Smith.....	862,854	Aug. 6	1240	336	129	2464
Carpet-fastener. Separable.....	W. H. Boles.....	868,070	Oct. 15	1356	379	130	1770
Carpet fastener. Stair.....	J. D. Miller.....	841,417	Jan. 15	3273	706	126	921
Carpet fastener. Stair.....	W. M. Abbott.....	854,864	May 28	5019	1044	128	1380
Carpet-holding spring. Vehicle.....	D. F. Armstrong.....	865,851	Sept. 10	1728	481	130	572
Carpet. Moquette or tufted.....	G. W. Grosvenor.....	850,573	Apr. 16	3760	786	127	2623
Carpet-renovator.....	R. H. Duesing.....	850,911	Apr. 23	4430	926-7	127	2832
Carpet-securer. Stair.....	W. B. Waugh.....	861,067	July 23	4248	1164	129	1494
Carpet-stretcher.....	J. Driver.....	844,107	Feb. 12	2475	531	126	2444
Carpet-stretcher.....	C. H. Lamson.....	848,312	Mar. 26	5220	1139	127	1405
Carpet-stretcher.....	C. Helm.....	849,997	Apr. 9	2658	557	127	2299
Carpet-stretcher.....	V. O. White.....	857,777	June 25	4546	960	128	2947
Carpet-stretcher.....	F. Richardson.....	860,992	July 23	4147	1136	129	1464
Carpet-stretcher.....	G. O. Bock.....	863,049	Aug. 13	1519	412	129	2587
Carpet-stretcher.....	I. Freed.....	870,670	Nov. 12	1267	345	131	446
Carpet-stretcher.....	I. Freed.....	870,671	Nov. 12	1268	345-6	131	446
Carpet stretcher and sizer.....	F. Schwensow.....	872,087	Nov. 26	4107	983	131	1056
Carpet-stretcher and tack-hammer. Combined.....	D. L. Ervin.....	868,852	Oct. 22	2599	717	130	2178
Carpet stretcher and tacker.....	G. Schilling.....	863,099	Aug. 13	1611	433	129	2616
Carpet-sweeper.....	J. S. Clagett.....	842,826	Jan. 29	6204	1310	126	1725
Carpet-sweeper.....	H. W. Ru Ton.....	843,770	Feb. 12	1845	393	126	2290
Carpet-sweeper.....	A. A. Dennis.....	860,534	July 16	3396	933	129	1187
Carpet-sweeper.....	C. J. Deitch and O. L. Biddle.....	865,084	Sept. 3	504	138-9	130	153
Carpet-sweeper. Stair.....	J. W. Ellis.....	864,128	Aug. 20	3146	871	129	3126
Carpet-wiper.....	G. Friedman.....	863,598	Aug. 20	2368	647	129	2883
Carpets and the like. Apparatus for making.....	E. F. Clark and T. C. Poole.....	852,104	Apr. 30	6858	1433	127	3471
Carpets, &c., by suction. Apparatus for cleaning.....	S. Buder.....	859,914	July 16	2460	669	129	880
Carriage and high chair. Combination baby.....	J. L. Bacon.....	867,465	Oct. 1	354	102	130	1422
Carriage attachment. Baby.....	H. Benning.....	874,656	Dec. 24	4819	1011	131	2040
Carriage-bow support.....	R. C. Ledbetter.....	841,548	Jan. 15	3514	759	126	985
Carriage-bow support.....	E. W. Bedinger, Jr.....	842,063	Jan. 22	4553	978	126	1274
Carriage. Collapsible.....	O. Kurz.....	866,145	Sept. 17	2168	604-5	130	737
Carriage. Collapsible baby.....	G. A. Svanberg.....	857,420	June 18	3833	813	128	2735
Carriage cover. Baby.....	J. A. Hodes.....	860,379	July 16	3170	866	129	1111
Carriage-curtain fastener.....	F. Margraff.....	847,421	Mar. 19	3413	747	127	919
Carriage-curtain fastener.....	F. A. Neider.....	847,430	Mar. 19	3433	753	127	924
Carriage-curtain fastener.....	A. E. Bernhardt.....	857,018	June 18	3077	648	128	2541
Carriage-curtain fastener.....	W. S. Jonah.....	874,083	Dec. 17	3677	773	131	1818
Carriage-door-locking device.....	A. Nathan.....	867,747	Oct. 8	789	223-4	130	1574
Carriage driving mechanism. Motor.....	C. U. Haynes.....	358,598	July 2	413	107	129	147
Carriage escapement mechanism.....	W. P. Kidder.....	871,280	Nov. 19	2362	613	131	759
Carriage feed mechanism.....	F. Neudorff.....	856,656	June 11	2406	495	128	2337
Carriage feeding and controlling device.....	G. C. Blickensderfer.....	864,601	Aug. 27	3920	1087	129	3397
Carriage-fender attachment.....	H. E. Morrill.....	859,237	July 9	1428	379	129	515
Carriage. Folding.....	A. J. Adams.....	857,971	June 25	4956	1047	128	3050
Carriage. Folding baby.....	A. B. Todd.....	869,534	Oct. 29	3944	1004	130	2536
Carriage. Folding baby.....	I. N. and G. E. Dann.....	871,483	Nov. 19	2822	710	131	827
Carriage. Folding baby.....	G. E. Dann.....	874,308	Dec. 17	4123	868	131	1893
Carriage handle. Adjustable and reversible baby.....	J. J. McIntyre.....	870,739	Nov. 12	1371	375	131	481
Carriage-machine.....	J. W. Crain.....	845,697	Feb. 26	5912	1248-9	126	3376
Carriage-numbers. Electric tower for displaying.....	J. H. McDaniel.....	850,671	Apr. 16	3970	830	127	2675
Carriage running-gear support. Baby.....	W. C. Willets.....	873,196	Dec. 10	1853	388-9	131	1490
Carriage-seat. Auxiliary.....	D. S. Staebler.....	861,058	July 23	4338	1161	129	1490
Carriage. Sick and invalid.....	P. Millenmeister.....	865,514	Sept. 10	1183	337	130	389
Carriage storm protection.....	M. D. Stocking.....	856,375	June 11	1861	382-3	128	2201
Carriage-top.....	H. A. Hawes.....	852,434	May 7	47	10	128	15
Carriage-top attachment.....	W. C. Willitts.....	846,172	Mar. 5	920	194	127	234
Carriage-top-bow separator.....	A. H. Veazie.....	871,010	Nov. 12	1819	496	131	618
Carriage-top rest.....	W. R. Roote.....	874,794	Dec. 24	5080	1070	131	2084
Carriage-top Shifting.....	A. C. Gerth.....	848,820	Apr. 2	447	88	127	1700
Carriage wheel. Child's.....	L. P. Marsal and R. W. Baker.....	852,667	May 7	606	116	128	158
Carriage-window.....	C. Nicholson.....	850,958	Apr. 23	4514	944	127	2850
Carriages. Skirt-guard and brake for baby.....	C. G. Davis.....	861,358	July 30	4721	1289	129	1686
Carriages. Sleigh attachment for children's.....	W. E. Kidder.....	841,786	Jan. 22	4005	865-6	126	1142
Carriages. Water-shedding attachment for.....	J. Phillips.....	847,814	Mar. 19	4239	928	127	1123
Carrier:							
See Barrel and box carrier. Mail-carrier.							
Bicycle package-carrier. Manure-carrier.							
Overhead carrier.							
Book-carrier. Oyster-carrier.							
Book-stock carrier. Package-carrier.							
Bottle-carrier. Packing-carrier.							
Braiding-machine carrier. Parcel-carrier.							
Plate-carrier.							
Bundle-carrier. Pneumatic carrier.							
Burden-carrier. Pneumatic - despatch carrier.							
Cartridge-carrier. carrier.							
Cash-carrier. Pneumatic - despatch-tube carrier.							
Cash and parcel carrier. Pneumatic-service carrier.							
Cuspidor-carrier. carrier.							
Die-carrier. Pneumatic-tube-apparatus carrier.							
Dirt-carrier. Pool-ball carrier.							
Egg-carrier. Reel-carrier.							
Elevated carrier. Rope-carrier.							
Elevator-carrier. Sandpapering-machine carrier.							
Endless carrier. Shovel-carrier.							
Feed and litter carrier. Splint-carrier.							
Gravity-carrier. Straw-carrier.							
Hay-carrier. Target-trap carrier.							
Hog-carrier. Trace-carrier.							
Letter-carrier. Traveling carrier.							
Line-carrier.							
Litter-carrier.							
Luggage-carrier.							
Carrier.....	D. G. Lyman.....	841,260	Jan. 15	2959	643	126	840

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Carrier	B. F. Goldnamer and R. C. Hall.	849,124	Apr. 2	1034	209	127	1852
Carrier	R. W. Franklin.	851,200	Apr. 23	4980	1047	127	2966
Carrier	L. M. Addington.	851,638	Apr. 30	5882	1229	127	3223
Carrier	G. W. G., and M. J. Beatty.	854,556	May 21	4376	907-8	128	1186
Carrier	C. A. McIntosh.	855,333	May 28	5944	1240	128	1615
Carrier	C. Chas.	859,542	July 9	1887	507-8	129	664
Carrier	V. Filteau.	862,148	Aug. 6	42	12	129	2094
Carrier	G. Fink.	869,357	Oct. 29	3383	931	130	2450
Carrier	J. Hall.	871,586	Nov. 19	3027	754	131	862
Carrier	K. Leidal and M. Uring.	873,380	Dec. 10	2227	463	131	1552
Carrier and elevator	E. G. Kraft.	872,136	Nov. 26	4201	1003	131	1072
Carrier for ensilage and other things	R. M. and A. J. Glor and W. P. West.	855,398	May 28	6051	1264	128	1642
Carrier-frame. Folding	C. J. McIntosh.	863,082	Aug. 13	1583	427-8	129	2680
Carrier holder. Filling-	G. Boissonneault and T. Boucher.	844,318	Feb. 19	2936	625	126	2600
Cart and hog-chute. Combined	B. F. Cleveland.	857,029	June 18	3094	653	128	2549
Cart attachment. Dump-	F. R. Hendershot.	853,512	May 14	2307	478	128	626
Cart. Hand-	B. F. Brown.	873,986	Dec. 17	3413	727	131	1787
Cart. Log-	J. A. Perry.	854,601	May 21	4467	930-1	128	1210
Cart. Lumbar-	A. W. Benson.	848,339	Mar. 26	5269	1149	127	1418
Cart. Push-	J. T. Koen.	868,099	Oct. 15	1394	391	130	1782
Cart. Refuse-	J. Ochsner.	841,711	Jan. 22	3849	837	126	1102
Cart. Self-loading	Z. Whittemore.	852,919	May 7	1132	234	128	288
Cart. Self-loading dump-	R. N. Liverett and J. D. Hood.	853,181	May 7	1607	335	128	406
Carton	H. Conover.	850,345	Apr. 16	3330	694	127	2512
Carton-blank-forming machine	F. M. Peters	865,523	Sept. 10	1198	341-3	130	394
Carton-filling machine	R. Sunderman.	858,116	June 25	5259	1117	128	3127
Carton for nutmegs and the like	J. B. Fallon, Jr.	857,336	June 18	3676	777	128	2698
Carton-marking attachment for carton-setting-up machines or the like.	W. H. Doble.	867,956	Oct. 15	1177	325-6	130	1715
Carton-setting-up machine	T. R. Weyant.	866,757	Sept. 24	3077	868	130	1060
Cartons and the like. Machine for folding and tuck-	F. M. Peters and H. H. Hungerford.	860,764	July 23	3771	1034-6	129	1340
Cartons. Machine for closing and sealing the top flaps of.	C. Redd.	868,292	Oct. 15	1685	475-8	130	1871
Cartons. Manufacture of moisture-proof	H. G. Eckstein.	856,853	June 11	2755	573	128	2425
Cartridge	G. E. Loeble.	855,958	June 4	992	207	128	1944
Cartridge	H. Maxim. (Reissue)	12,660	June 11	3046	642	128	2498
Cartridge	C. N. Dilatush.	864,621	Aug. 27	3953	1097	129	3407
Cartridge	C. A. Bailey.	865,853	Sept. 10	1729	481	130	573
Cartridge	C. A. Bailey.	865,978	Sept. 10	1919	538	130	631
Cartridge	C. A. Bailey.	865,979	Sept. 10	1920	538	130	631
Cartridge	C. A. Bailey.	869,046	Oct. 22	2897	799	130	2272
Cartridge and manufacture thereof	F. I. Du Pont.	846,612	Mar. 12	1826	401	127	494
Cartridge-belt	W. Lindsey.	860,395	July 16	3195	873-4	129	1120
Cartridge. Blasting-	O. T. Finch.	861,209	July 23	4455	1222	129	1564
Cartridge-box. Multiple	H. R. Lemly.	869,310	Oct. 29	3305	900	130	2426
Cartridge-carrier.	E. E. Drake.	869,484	Oct. 29	3587	933	130	2512
Cartridge-carrier. Woven	F. R. Batchelder.	860,592	July 16	3489	958	129	1217
Cartridge-clip.	W. S. Stapley.	866,050	Sept. 17	2082	580	130	710
Cartridge from explosive gelatin. Machine for forming a	G. P. Jones.	869,307	Oct. 29	3297	908	130	2424
Cartridge-holder	J. J. Burnett and C. Bubeare.	845,611	Feb. 26	5721	1212	126	3329
Cartridge-holder	A. L. Hockett.	869,632	Oct. 29	3831	1019	130	2587
Cartridge-pocket	F. R. Batchelder.	854,017	May 21	3348	688	128	927
Cartridge-pouch	R. M. Cutts.	855,098	May 28	5514	1144	128	1506
Cartridge shell. Blasting-	J. T. Brewer.	862,878	Aug. 13	1275	346	129	2509
Cartridge-shells. Machine for charging	F. I. Du Pont.	860,607	July 16	3515	967-8	129	1226
Cartridge-shells. Reshaping and restoring	W. T. Alsop.	871,747	Nov. 19	3319	820	131	911
Carving-fork.	J. F. Brower.	873,150	Dec. 10	1756	369	131	1476
Carving-machine	F. H. Richards.	841,183	Jan. 15	2804	612	126	802
Carving-machine	F. H. Richards.	842,422	Jan. 29	5344	1132-3	126	1515
Carving-machine	E. R. Lochman.	850,941	Apr. 23	4458	939	127	2845
Carving-machine	F. H. Richards.	861,538	July 30	4998	1372-3	129	1771
Carving-machine	F. H. Richards.	861,539	July 30	5004	1373-5	129	1773
Carving-machine	F. H. Richards.	861,540	July 30	5010	1375-6	129	1776
Carving-machine.	M. A. Cuming.	867,016	Sept. 24	3471	983	130	1184
Carving-machine.	F. H. Richards.	867,079	Sept. 24	3574	1014	130	1213
Carving-machine.	F. H. Richards.	867,414	Oct. 1	277	82	130	1399
Carving-machine.	F. H. Richards.	867,602	Oct. 8	580	164-5	130	1511
Carving-machine. Automatic.	F. Streich.	872,857	Dec. 3	1139	241	131	1345
Case:							
See Ammunition-case.	Medicine-case.						
Banana-case.	Metallic case.						
Bookcase.	Mortise-case.						
Bottle-case.	Music-case.						
Burial-case.	Packing-case.						
Card-case.	Piano-case.						
Cigar-case.	Pile-case.						
Clock-case.	Pocket and other case.						
Coin-shipping case.	Receipt-holding case.						
Compartment-case.	Sales-case.						
Display-case.	Sample-case.						
Dress-case.	Shipping-case.						
Egg-case.	Show-case.						
Electric-meter case.	Store-case.						
Eyeglass-case.	Suit-case.						
Eyeglass or spectacle case.	Thermometer-case.						
Filing-case.	Ticket-case.						
Gear-case.	Tire-case.						
Gun-case.	Toilet-case.						
Knife and fork case.	Type-writer case.						
Lens-case.	Vial-case.						
Letter-case.	Voting-machine case.						
Map-case.	Watchcase.						
Case-hardening	A. W. Machlet.	847,588	Mar. 19	3741	822	127	1007

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Casing-head	H. Auchu.....	858,321	June 25	5621	1205	128	3218
Casing-head	T. S. Cranston.....	865,872	Sept. 10	1752	488	130	579
Casing. Interlocked	W. W. Dittmar.....	859,050	July 2	1146	306	129	389
Casein and compound obtained therefrom. Treating	J. Taluan.....	852,915	May 7	1128	.....	128	287
Casein and producing same. Molding	L. H. Barnett.....	865,005	Sept. 3	382	.....	130	120
Casein compound	B. B. Goldsmith.....	840,931	Jan. 8	2295	.....	126	626
Casein soluble to a neutral solution. Preparing	J. A. Just.....	868,445	Oct. 15	1935	.....	130	1944
Casement-adjuster	H. G. Voight.....	852,477	May 7	187	33-4	128	55
Cash and parcel carrier	J. L. Baldwin.....	856,189	June 4	1421	301	128	2050
Cash-carrier	J. F. Hayes.....	847,070	Mar. 12	2712	597-8	127	716
Cash-carrier apparatus	D. E. Chism.....	851,344	Apr. 23	5283	1107-8	127	3043
Cash-carrier. Cable	G. A. Amsden.....	870,756	Nov. 12	1416	384	131	491
Cash-carrier. Cable	G. A. Amsden.....	870,757	Nov. 12	1416	384	131	491
Cash-check till	R. Field.....	845,342	Feb. 26	5220	1107-8	126	3205
Cash-checking machine	E. Guess.....	849,473	Apr. 9	1696	342-4	127	2057
Cash-drawer	N. W. Williams.....	846,710	Mar. 12	1989	437-8	127	535
Cash-indicator	J. Pfeifer.....	869,982	Nov. 5	153	42-3	131	51
Cash-issuing machine	R. A. Dallugge.....	874,307	Dec. 17	4117	867-8	131	1893
Cash-receiving and change-making machine	K. Malmstrom.....	850,842	Apr. 16	4286	899-901	127	2754
Cash-recorder	A. F. Staples.....	856,374	June 11	1856	381-2	128	2200
Cash-register	H. S. Halliwood.....	845,634	Feb. 26	5767	1221-3	126	3339
Cash-register	P. Meyer.....	846,124	Mar. 5	837	175-6	127	213
Cash-register	E. Van Camp.....	849,869	Apr. 9	2452	502-4	127	2348
Cash-register	T. H. Harris.....	851,515	Apr. 23	5609	1175	127	3122
Cash-register	A. H. Green.....	853,011	May 7	1324	276	128	336
Cash-register	S. H. Pocock.....	858,537	July 2	292	73	129	103
Cash-register	W. R. Heinitz.....	858,982	July 2	1053	277-8	129	359
Cash-register	G. C. Hutcheson and W. Reynolds.....	860,478	July 16	3319	909	129	1162
Cash-register	C. Leni.....	860,740	July 23	3734	1023	129	1329
Cash-register	J. H. McCormick.....	861,237	July 23	4499	1233	129	1579
Cash-register	F. C. Osborn.....	861,312	July 30	4633	1266-7	129	1657
Cash-register	W. R. Heinitz.....	861,839	July 30	5470	1508-9	129	1914
Cash-register	E. J. Von Pein.....	864,495	Aug. 27	3710	1034	129	3336
Cash-register	T. Carney.....	864,509	Aug. 27	3739	1041-2	129	3345
Cash-register	T. Carney.....	864,510	Aug. 27	3743	1042-3	129	3346
Cash-register	T. Carroll.....	864,511	Aug. 27	3748	1043-4	129	3347
Cash-register	T. Carroll.....	864,512	Aug. 27	3753	1044-5	129	3349
Cash-register	J. N. Weller.....	865,464	Sept. 10	1092	312-13	130	362
Cash-register	W. R. Heinitz.....	869,084	Oct. 22	2952	814	130	2290
Cash-register	H. S. Halliwood.....	870,624	Nov. 12	1185	322-3	131	419
Cash-register	R. T. Piscicelli.....	872,845	Dec. 3	1112	233-6	131	1341
Cash-register	J. P. Cleal.....	872,900	Dec. 3	1222	260-2	131	1359
Cash-register	W. R. Heinitz.....	875,075	Dec. 31	5679	1184	131	2200
Cash-register	E. J. Hall.....	875,661	Dec. 31	6937	1446	131	2390
Cash-register	W. Murphy.....	875,669	Dec. 31	6954	1448	131	2392
Cash-register and attachment	H. T. Watson.....	858,237	June 25	5483	1169	128	3185
Cash-register attachment	F. L. Sheldon.....	852,352	Apr. 30	7303	1534-6	127	3582
Cash-register. Multiple-drawer	H. S. Halliwood.....	871,094	Nov. 12	1949	534-6	131	659
Cash-register support or carriage	C. Oesterle, W. V. Frank, and W. H. Althoff.....	872,742	Dec. 3	892	185	131	1308
Cash-registers, &c. System for electrically releasing drawers in	A. G. Jackson.....	847,479	Mar. 19	3522	771	127	947
Cash-registering till	J. A. Prestwich.....	856,294	June 11	1659	344-5	128	2147
Cash-tray	M. H. Smith.....	872,768	Dec. 3	941	196	131	1316
Cask	J. Gilmour.....	866,014	Sept. 17	1972	550	130	677
Cask-making machine	J. Gilmour.....	860,973	July 23	4105	1124-5	129	1451
Cask or vessel from which liquid is discharged under pressure	G. Lindner.....	847,792	Mar. 19	4164	909	127	1108
Casket-handle	W. T. Fisk.....	849,669	Apr. 9	2079	427	127	2152
Casket-handle	J. Waddell.....	855,544	June 4	193	38-9	128	1745
Casket-handle	J. H. Walker.....	872,034	Nov. 26	4002	961	131	1038
Casket-handle	J. D. Lawrence.....	873,563	Dec. 10	2579	543	131	1613
Casket-handle. Reinforced	M. Bremer.....	846,545	Mar. 12	1663	369	127	453
Casket-handles. Swelled bar for	N. L. Barmore.....	867,336	Oct. 1	170	50	130	1364
Casket-holder	P. Wallrath.....	846,073	Mar. 5	732	154	127	187
Casket-lowering device	A. W. Brown, H. P. Ernst, and W. O. Canouts.....	851,861	Apr. 30	6345	1323-4	127	3342
Casket-shipping strap	E. R. Taylor.....	858,680	July 2	554	143	129	192
Caskets. Fabric frame for	A. Sauer, Jr.....	873,901	Dec. 17	3249	693	131	1759
Caskets or the like. Body-catch for	L. W. Harris and W. M. Parker.....	874,502	Dec. 24	4499	946	131	1988
Caskets. Support for corpses in	J. I. Reno.....	872,584	Dec. 3	567	118-19	131	1254
Caster	R. E. Bird.....	842,753	Jan. 29	6079	1281	126	1695
Caster	W. Imbt.....	850,009	Apr. 9	2676	561	127	2303
Caster	E. A. Bode.....	851,396	Apr. 23	5388	1129	127	3069
Caster	J. E. Norwood.....	857,660	June 25	4306	909	128	2886
Caster	W. G. Mein and E. Gaminara.....	859,401	July 9	1689	449	129	600
Caster	F. L. Georgi.....	863,530	Aug. 13	2251	610	129	2817
Caster	G. C. Fuller.....	871,583	Nov. 19	3023	753	131	861
Caster for drying-racks for shoe factories	I. E. Fletcher.....	860,650	July 23	3605	988	129	1289
Caster. Furniture	J. M. Collins.....	857,982	June 25	4980	1052	128	3056
Caster. Furniture	C. F. Mosman.....	870,791	Nov. 12	1465	396	131	508
Casting	H. G. Underwood.....	874,877	Dec. 24	5237	1103	131	2110
Casting aluminium alloys	W. A. McAdams.....	859,612	July 9	1999	.....	129	702
Casting aluminium alloys. Means for	W. A. McAdams.....	859,888	July 9	2420	.....	129	833
Casting and conveying machine	W. McVay.....	854,520	May 21	4310	892	128	1171
Casting and delivering pig metal. Apparatus for	E. A. Weimer.....	866,607	Sept. 17	2836	797-9	130	949
Casting apparatus	G. F. McKee and W. F. Schilling.....	840,153	Jan. 1	742	161	126	202
Casting apparatus	H. G. Underwood.....	852,811	May 7	897	182	128	229
Casting apparatus	H. H. Doehler.....	856,772	June 11	2616	539	128	2391
Casting apparatus	H. H. Doehler.....	856,773	June 11	2622	539	128	2393
Casting apparatus	I. R. Williams.....	862,364	Aug. 6	422	114	129	2217
Casting apparatus	E. A. Weimer.....	866,608	Sept. 17	2838	800-1	130	949
Casting apparatus. Metal	H. Geisenhöner.....	850,829	Apr. 16	4253	893	127	2745
Casting. Chilled	C. J. Mesta.....	874,018	Dec. 17	3478	131	1796
Casting chilled rolls. Mold for	R. H. West.....	841,293	Jan. 15	3023	656-7	126	854

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Casting chilled rolls. Mold for	R. H. West.	853,490	May 14	2253	468-9	128	612
Casting copper. Mold for	F. L. Antisell.	837,692	Oct. 8	705	197	130	1549
Casting ingots	A. J. Lustig.	863,733	Aug. 20	2550	705	129	2943
Casting iron and steel. Metal mold for	W. A. McArthur and J. M. Darke.	852,671	May 7	611	117	128	160
Casting-machine	W. A. McAdams.	844,169	Feb. 12	2586	554-5	128	2472
Casting-machine	B. T. McGlone and G. Ross.	844,460	Feb. 19	3205	.....	126	2666
Casting-machine	H. Jones.	850,653	Apr. 16	3935	822	127	2668
Casting-machine	T. H. Churchill.	861,263	July 30	4566	1246	129	1637
Casting-machine. Ingot-	N. H. O. Lilienberg.	839,861	Jan. 1	111	27-8	126	32
Casting-machines. Apparatus for holding and pouring metal into molds for	E. A. Custer.	870,809	Nov. 12	1588	436	131	547
Casting metal	C. S. Szekely, Sr.	841,279	Jan. 15	2990	650-1	126	847
Casting metal sheets. Apparatus for	J. F. Miller.	857,885	June 25	4742	1007	128	2994
Casting metals. Mold for	J. H. Shaw.	853,324	May 14	1953	404	128	534
Casting-patterns. Production of.	F. Walenta.	867,541	Oct. 1	478	137	130	1462
Casting. Producing an alloy for use in steel-	M. Meslans.	875,668	Dec. 31	6953	.....	131	2392
Casting reel. Free-	H. Slotterbeck.	872,261	Nov. 26	4448	1057	131	1112
Casting spaces and quads. Matrix for	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.	845,685	Feb. 26	5890	1243	126	3370
Castings. Doing away with blow-holes and like flaws in	A. E. Menne.	866,497	Sept. 17	2674	748	130	899
Castings. Internal-chilling apparatus for hollow	J. Butler.	869,205	Oct. 22	3122	860-1	130	2343
Castings. Machine for removing gates and risers from.	R. O. Jones.	867,884	Oct. 8	1009	288	130	1641
Castings. Mold for making metal	P. H. Sweet, Jr.	845,668	Feb. 26	5854	1236	126	3360
Castings. Mold for making steel	C. Hagstrom.	855,251	June 11	1565	328	128	2123
Castings. Producing.	G. H. Brabrook.	865,562	Sept. 10	1268	.....	130	415
Castings. Twin-cupola process of making semisteel.	J. C. Davis.	843,197	Feb. 5	744	.....	126	1983
Catamenial appliance	W. D. Berry.	857,019	June 18	3068	648	128	2541
Catamenial appliance	J. F. Altermatt.	867,091	Sept. 24	3593	1018	130	1219
Catamenial bandage	M. A. Cook.	849,725	Apr. 9	2173	447	127	2175
Catamenial sack	J. J. Shtuchka.	844,198	Feb. 12	2649	568	126	2488
Catamenial sack	F. X. Mathis, Jr., and L. Simon.	853,708	May 14	2703	557	128	729
Cataphoric apparatus	T. J. Randall.	868,123	Oct. 15	1427	401	130	1792
Catapult	S. D. Dills.	844,665	Feb. 19	3879	821	126	2825
Catch	H. R. Baker.	846,179	Mar. 5	932	197	127	236
Catch-basins. Receiving-head for	A. W. Kurz.	868,672	Oct. 22	2318	642	130	2094
Catch for pivoted closures. Safety-	J. W. Watkins.	865,835	Sept. 10	1707	474	130	566
Catch. Spring-	T. Danquard.	852,422	May 7	23	5	128	9
Catheter-user's mechanical assistant	J. F. Spalding.	844,478	Feb. 19	3253	702	126	2678
Catheter-user's portable mechanical assistant	J. F. Spalding.	873,275	Dec. 10	1995	418	131	1515
Cathode	H. S. Hatfield.	860,657	July 23	3614	.....	129	1292
Cattle-guard	C. M. Hoyt and M. J. McNulty.	841,524	Jan. 15	3476	750	126	975
Cattle-guard	J. Knowles.	841,693	Jan. 22	3810	829	126	1091
Cattle-guard	S. C. Kettner.	843,752	Feb. 12	1813	386	126	2282
Cattle-guard	C. O. Jenks.	848,374	Mar. 26	5339	1162	127	1432
Cattle-guard	A. Heron.	849,130	Apr. 2	1058	212	127	1859
Cattle-guard	K. B. Norman.	851,431	Apr. 23	5450	1142	127	3066
Cattle-guard	C. Long.	853,100	May 7	1472	307	128	372
Cattle-guard	T. Ellis and J. Finnell.	854,083	May 21	3503	722	128	965
Cattle-guard	G. W. Cline.	859,901	July 9	2438	662-3	129	839
Cattle-guard	R. Morrill.	862,181	Aug. 6	111	30	129	2118
Cattle-guard	V. A. Kelley.	865,343	Sept. 3	905	259	130	273
Cattle-treating apparatus	J. B. Eaton.	870,766	Nov. 12	1427	387-8	131	495
Caustic-pencil holder	J. J. Regua.	856,296	June 11	1669	346	128	2150
Cautery	L. De Forest.	874,178	Dec. 17	3842	810	131	1849
Ceiling construction	L. L. Sagendorph.	855,816	June 4	723	150	128	1878
Ceiling construction	V. Moeslein.	871,606	Nov. 19	3072	762	131	868
Ceiling-mold	J. B. Blaw.	853,955	May 21	3242	665	128	900
Ceiling-mold	J. B. Blaw.	853,957	May 21	3244	666	128	900
Ceiling or floor plate	J. J. Sullivan.	845,142	Feb. 26	4816	1022	126	3105
Ceilings, walls, &c. Means for reinforcing composition construction of	W. C. Lyon.	874,413	Dec. 24	4335	912	131	1961
Cell-case machine	G. W. Swift, Jr. (Reissue)	12,591	Jan. 8	2645	577-80	126	719
Cellar-drain. Automatic	G. Woodall.	853,850	May 14	2995	616	128	800
Celluloid and similar substances. Apparatus for utilizing the waste of	E. Garbin.	874,181	Dec. 17	3549	811-12	131	1850
Cellulose derivative and making the same	G. W. Miles. (Reissue)	12,637	Apr. 23	5857	.....	127	3183
Cellulose ester	H. S. Mork.	854,374	May 21	4038	.....	128	1105
Cellulose. Manufacture of artificial thread from solutions of	R. Linkmeyer.	852,126	Apr. 30	6910	.....	127	3484
Cellulose. Manufacture of threads, films, or other forms of	M. Fremery, E. Bronnert, and J. Urban.	856,857	June 11	2761	.....	128	2426
Cellulose. Manufacturing nitrated	A. Voigt.	860,776	July 23	3791	.....	129	1347
Cellulose. Nitrating	A. Voigt.	855,869	June 4	831	.....	128	1904
Cellulose. Obtaining	F. L. Stewart.	845,378	Feb. 26	5301	.....	126	3225
Cellulose, paper-pulp, &c., strips capable of being spun. Preparing from	A. Leinveber.	868,193	Oct. 15	1518	430-1	130	1820
Cellulose products. Manufacturing	E. Eck and E. Bechtel.	839,825	Jan. 1	43	.....	126	13
Cellulose. Solution of.	E. Eck and E. Bechtel.	840,611	Jan. 8	1674	.....	126	473
Cellulose threads. Manufacturing glossy	R. Linkmeyer.	842,568	Jan. 29	5652	1195	126	1590
Cement	T. Jones.	853,175	May 7	1598	.....	128	404
Cement	H. M. Sinclair.	859,527	July 9	1860	.....	129	656
Cement and apparatus therefor. Burning	H. L. Doherty.	846,555	Mar. 12	1680	372	127	457
Cement and apparatus therefor. Process of burning	C. Ellis.	844,857	Feb. 19	4261	908-9	126	2924
Cement and making same. Waterproof Portland	S. B. Newberry.	851,247	Apr. 23	5081	.....	127	2991
Cement and making the same. Magnesium	E. Rueff.	872,375	Dec. 3	122	.....	131	1186
Cement and making the same. Portland	R. K. Meade.	866,376	Sept. 17	2518	.....	130	850
Cement and manufacturing same	M. Toch.	848,328	Mar. 26	5249	.....	127	1412
Cement and manufacturing the same. Portland	T. A. Edison.	861,241	July 23	4510	1234	129	1582
Cement and other products. Manufacture of	A. P. Bjerregaard.	864,068	Aug. 20	3054	844	129	3098
Cement. Apparatus for and method of molding hollow objects from	J. M. Boyle.	857,584	June 25	4167	883	128	2850
Cement. Apparatus for molding hollow objects from	J. M. Boyle.	857,582	June 25	4164	882	128	2849
Cement-applying apparatus	F. P. Payne.	866,511	Sept. 17	2688	752	130	904
Cement-applying device	C. E. Norris.	863,429	Aug. 13	2103	566-7	129	2772

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Cement block.	J. S. Pierce.	872,364	Dec. 3	106	19	131	1182
Cement-block machine.	G. L. Reed.	842,491	Jan. 29	5502	1164-5	126	1557
Cement-block machine.	J. H. Miller.	844,457	Feb. 19	3197	690	126	2664
Cement-block machine.	J. W. Herrington.	849,392	Apr. 9	1551	314	127	2020
Cement-block machine.	T. D. and C. W. P. Brock.	857,977	June 25	4968	1050-1	128	3053
Cement-block machine.	F. W. Johnson.	858,605	July 2	423	110	129	150
Cement-block machine.	F. W. Hawk.	861,462	July 30	4895	1342	129	1736
Cement-block mold.	C. E. Stokoe.	857,214	June 18	3453	728	128	2641
Cement-block mold.	G. B. Blodgett.	872,106	Nov. 26	4141	990	131	1062
Cement-block-molding apparatus.	J. B. Talbot.	853,608	May 14	2496	518	128	675
Cement-block-molding apparatus.	J. B. Talbot.	855,822	June 4	737	152	128	1881
Cement-block-molding machine.	W. M. Akers.	862,043	July 30	5750	1597-8	129	2000
Cement-block-molding machine.	J. Layfield and A. V. Crisp.	874,366	Dec. 17	4228	890-1	131	1912
Cement block. Reinforced.	E. J. Brooks.	843,324	Feb. 5	999	205	126	2042
Cement-brick-making machine.	H. Pocock.	845,194	Feb. 26	4921	1044	126	3132
Cement-brick-pressing machine.	P. K. Young.	866,175	Sept. 17	2216	617-19	130	754
Cement bricks, blocks, and the like. Machine for molding.	H. J. Hurd.	857,737	June 25	4470	944	128	2928
Cement-building-block-making machine.	A. H. Coombs.	844,711	Feb. 19	3968	843-5	126	2847
Cement. Burning.	C. A. Matcham.	842,848	Jan. 29	6262	1323	126	1739
Cement-burning method and apparatus.	T. M. Morgan.	860,685	July 23	3652	1001	129	1304
Cement cisterns or the like. Form for.	H. E. Votaw.	872,393	Dec. 3	153	29	131	1192
Cement clinker. Producing.	H. G. Barnhurst and J. W. Fuller, Jr.	861,699	July 30	5244	1441	129	1845
Cement composition and making the same.	A. Thoma.	855,868	June 4	827	-----	128	1903
Cement composition. Magnesia.	W. L. Dudley.	839,820	Jan. 1	37	-----	126	11
Cement. Compound for making pipestone.	H. E. Trumbull.	841,285	Jan. 15	3002	-----	126	850
Cement facing for floors.	S. H. Gartrell and W. E. Middleton.	858,448	July 2	129	34	129	43
Cement for resisting water. Impermeable.	G. Frolo.	849,778	Apr. 9	2277	-----	127	2203
Cement-gate mold.	I. Shively and J. Huber.	867,427	Oct. 1	300	87	130	1407
Cement in rotary kilns. Burning.	B. H. Thwaita.	864,045	Aug. 20	3022	835	129	3089
Cement-kiln.	J. S. Wentz.	849,873	Apr. 9	2464	506	127	2251
Cement-kiln.	W. H. Harding.	850,750	Apr. 16	4106	860	127	2708
Cement-kiln.	T. M. Morgan.	851,765	Apr. 30	6129	1281	127	3285
Cement-kiln and fuel-feeder therefor. Rotary.	C. A. Matcham.	847,257	Mar. 12	3060	675-6	127	802
Cement. Making hydraulic.	E. Mueller.	850,778	Apr. 16	4156	869	127	2721
Cement. Manufacture of.	F. M. E. von Mollenbruck.	844,530	Feb. 19	3375	-----	126	2708
Cement. Manufacture of hydraulic.	B. Enright.	854,342	May 21	3982	823	128	1092
Cement. Method of and apparatus for applying and using.	A. Thoma.	862,944	Aug. 13	1369	373	129	2539
Cement-mixer.	J. A. Devine.	847,281	Mar. 12	3109	685	127	814
Cement-mold.	S. T. Buckland.	845,610	Feb. 26	5720	1211	126	33-8
Cement. Mold for veneering walls with.	J. G. Mills.	868,284	Oct. 15	1666	471	130	1866
Cement. Molding hollow objects from.	J. M. Boyle.	857,581	June 25	4163	882	128	2849
Cement objects. Core for molding hollow.	J. M. Boyle.	857,583	June 25	4166	882	128	2849
Cement or concrete construction. Armored.	G. Ajello.	856,013	June 4	1097	227	128	1971
Cement or concrete construction. Armored.	G. Ajello.	856,615	June 11	2332	479	128	2319
Cement package.	A. Thoma.	862,360	Aug. 6	413	-----	129	2214
Cement partition.	M. Carroll.	861,499	July 30	4941	1357	129	1752
Cement post.	W. E. Varney.	849,759	Apr. 9	2239	460	127	2194
Cement-post mold.	W. E. Varney.	849,760	Apr. 9	2240	460	127	2194
Cement-post mold.	C. Hutchins.	866,653	Sept. 24	2917	824	130	1004
Cement roofing-tiles. Machine for making.	J. Liening.	844,602	Feb. 19	3751	789-90	126	2793
Cement structures. Means for supporting reinforcing-rods for.	A. Witte.	871,017	Nov. 12	1828	499	131	621
Cement tiles, posts, pickets, &c. Machine for making.	C. D. Schroeder.	854,000	May 21	3317	683	128	920
Cement-work. Tool for.	R. L. Sohn.	844,204	Feb. 12	2666	571	126	2494
Cement-worker's tool.	F. W. Grundmann.	867,819	Oct. 8	908	258	130	1611
Cements. Manufacture of waterproof and non-exuding.	R. Liebold.	847,015	Mar. 12	2596	-----	127	689
Cementation process.	M. Ruthenburg.	872,755	Dec. 3	918	191	131	1312
Cementing-machine.	O. A. Webber.	852,861	May 7	1015	210	128	258
Center. Collapsible.	E. W. Utzler.	840,672	Jan. 8	1775	391	126	498
Center swiveling hook.	G. F. Murray.	852,285	Apr. 30	7181	1507	127	3552
Centerer.	L. Evans.	863,909	Aug. 20	2828	778	129	3031
Centering and measuring instrument.	A. Frank.	875,341	Dec. 31	6201	1292	131	2285
Centering construction.	C. H. Scammell.	856,371	June 11	1852	381	128	2199
Centering device.	J. Ehni.	854,992	May 28	5273	1096	128	1445
Centering-mold.	J. B. Blaw.	853,952	May 21	3237	663	128	899
Centering-mold.	J. B. Blaw.	853,953	May 21	3239	664	128	899
Centering-mold.	J. B. Blaw.	853,954	May 21	3240	664-5	128	899
Centering-mold.	J. B. Blaw.	853,956	May 21	3243	665	128	900
Centrifugal machine.	F. Kachl.	840,497	Jan. 8	1441	318	126	414
Centrifugal machine.	D. T. Sharples.	842,258	Jan. 29	4971	1061	126	1412
Centrifugal machine.	B. Ljungström.	848,037	Mar. 26	4713	1027	127	1277
Centrifugal machine.	H. G. Morris.	850,241	Apr. 16	3132	655	127	2460
Centrifugal machine.	E. A. Forsberg.	850,472	Apr. 16	3568	746	127	2573
Centrifugal machine.	B. Ljungström.	852,666	May 7	604	115	128	158
Centrifugal machine.	G. Adt.	852,865	May 7	1020	211	128	260
Centrifugal machine.	M. Güttner and R. Baeger.	853,583	May 14	2439	508	128	659
Centrifugal machine.	B. Ljungström.	855,580	June 4	260	52	128	1761
Centrifugal machine.	T. H. Miller.	855,718	June 4	522	109-10	128	1828
Centrifugal machine.	H. Stebler.	859,346	July 9	1604	426	129	573
Centrifugal machine.	H. H. Tracy.	859,857	July 9	2369	643-4	129	819
Centrifugal machine.	I. P. B. Knudsen.	861,736	July 30	5299	1460	129	1861
Centrifugal machine.	G. ter Meer.	864,179	Aug. 27	3230	895-6	129	3180
Centrifugal machine.	H. B. E. Frost.	864,365	Aug. 27	3515	976	129	3269
Centrifugal machine.	L. P. Willea.	870,655	Nov. 12	1245	338	131	440
Centrifugal machine. Single-shaft.	W. L. D'Olier.	846,403	Mar. 5	1362	299	127	345
Centrifugal machines. Flexible spindle for.	I. P. B. Knudsen.	847,009	Mar. 12	2587	568	127	687
Centrifugal machines. Journal-support for.	K. K. McLeod.	872,078	Nov. 26	4092	980	131	1053
Centrifugal machines. Overhanging device for.	J. M. Cornell.	860,730	July 23	3717	1018	129	1323
Centrifugal machines. Shaft-mounting for.	M. L. Hoyt.	850,477	Apr. 16	3580	748	127	2575
Centrifugal separator.	N. S. Bök.	841,370	Jan. 15	3186	686-7	126	899
Centrifugal separator.	E. W. Broomall.	841,925	Jan. 22	4287	924	126	1211

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Centrifugal separator	D. T. Sharples	842,257	Jan. 29	4969	1061	126	1411
Centrifugal separator	P. T. Sundberg	847,524	Mar. 19	3611	796	127	972
Centrifugal separator	R. F. Cordero	867,800	Oct. 8	875	248	130	1602
Centrifugal separator	J. W. Phillips	873,593	Dec. 10	2632	554-5	131	1623
Centrifugal separator for wood-pulp and similar materials.	A. H. Holden	868,341	Oct. 15	1767	499	130	1894
Ceramic products. Manufacture of	M. Buchner	853,341	May 14	1983	.....	128	543
Ceramic ware for firing. Bedding	E. Mayer	868,106	Oct. 15	1403	393	130	1785
Cesspool	E. Helber	844,451	Feb. 19	3188	688	126	2662
Cesspool	M. Schnaier	860,252	July 16	2975	813	129	1048
Chafe-iron	H. W. Gale and T. Croll	864,367	Aug. 27	3516	976	129	3270
Chafing-dish	G. E. Savage and J. W. Chapman.	850,401	Apr. 16	3432	719	127	2539
Chain	R. E. Weinland	840,535	Jan. 8	1511	334	126	432
Chain	J. Kingston	856,350	June 11	1810	375	128	2189
Chain	R. W. Dull	856,398	June 11	1912	393	128	2214
Chain	W. T. James	856,528	June 11	2143	440-1	128	2270
Chain	W. T. James	856,529	June 11	2146	441-2	128	2271
Chain	H. T. Currie	877,449	June 18	3884	825	128	2746
Chain	A. B. Taylor	866,980	Sept. 24	3411	966-7	130	1164
Chain	J. H. Weston	870,704	Nov. 12	1317	360	131	464
Chain	H. M. Grav	871,796	Nov. 26	3435	843	131	958
Chain-casting mold	J. Traum	843,977	Feb. 12	2232	477	126	2387
Chain-clasp	J. Costello	848,972	Apr. 2	728	147	127	1773
Chain-connecting link	M. Kenter	859,082	July 2	1187	320	129	402
Chain. Conveyor	M. Garland	850,149	Apr. 16	2950	618	127	2409
Chain. Conveyor	J. Dierdorf and W. W. Willson	875,247	Dec. 31	6009	1254	131	2256
Chain. Conveyor	J. Dierdorf and W. W. Willson	875,248	Dec. 31	6011	1254	131	2257
Chain. Drive	J. T. Nicholson	840,240	Jan. 1	912	199	126	248
Chain. Drive	G. G. Howe	844,805	Feb. 19	4168	888	126	2901
Chain. Drive	W. M. Butler	847,235	Mar. 12	3023	666	127	793
Chain. Elevator	E. R. Purdy	844,288	Feb. 12	2850	608	126	2540
Chain. Expandible	S. B. W. Covell	863,836	Aug. 20	2717	748	129	2996
Chain-fastening	A. Specht	840,808	Jan. 8	2038	451	126	563
Chain for doors. Safety	C. D. Rinald	864,559	Aug. 27	3851	1067	129	3377
Chain-hook	J. Brouse	840,473	Jan. 8	1389	307	126	401
Chain-link	E. H. Mills	846,803	Mar. 12	2179	479	127	585
Chain-link	W. H. Griffith	862,470	Aug. 6	616	164	129	2281
Chain-link	G. J. Meyer	863,079	Aug. 13	1579	426	129	2607
Chain-link blanks. Tool for cutting and grooving flat.	W. Schenk	848,051	Mar. 26	4736	1032	127	1283
Chain-link shackle	G. A. H. Dresler	851,619	Apr. 23	5823	1217	127	3176
Chain-making machine	H. Lysholm	845,877	Mar. 5	304	61	127	79
Chain-making machine	R. Müller	868,285	Oct. 15	1667	471	130	1866
Chain-making machine	Z. B. Coes and R. F. Scott	871,784	Nov. 26	3412	838-9	131	954
Chain. Ornamental	J. C. Hodges	851,288	Apr. 23	5173	1086	127	3016
Chain rope or belt	C. H. Bryan	873,208	Dec. 10	1874	393	131	1494
Chain-snap	P. J. Scanlon	856,606	June 11	2310	475	128	2313
Chain snap-hook. Watch	E. L. Robinson	856,913	June 11	2870	600	128	2452
Chain. Solid-link knife-jointed	H. A. House	844,869	Feb. 19	4285	914	126	2930
Chain. Sprocket	R. W. Dull	847,983	Mar. 19	4581	1006	127	1206
Chain. Sprocket	R. S. McIntyre	867,208	Sept. 24	3779	1068	130	1279
Chain. Sprocket	C. Livingston	870,373	Nov. 5	808	214	131	265
Chain-tension and brake device	C. Contal	851,119	Apr. 23	4798	1010	127	2921
Chain-tightener	F. W. Bloxham	865,352	Sept. 10	923	264	130	308
Chain. Weldless	S. K. von Ecseghy	856,947	June 11	2921	612	128	2464
Chain wrench	H. J. Kahne	856,589	June 11	2271	467	128	2303
Chains. Machine for automatically making soldered cable and globular or pea-shaped	L. Bruckmann	870,414	Nov. 5	864	230	131	284
Chains. Making	C. Feid	848,299	Mar. 26	5192	1133	127	1398
Chains. Making unwelded	S. K. von Ecseghy	844,006	Feb. 12	2288	490	126	2400
Chains. Scraper-flight for conveyor	J. J. Rhodes and J. Millar	866,519	Sept. 17	2704	756	130	908
Chaining device	H. B. Arden	846,383	Mar. 5	1318	290	127	333
Chair:							
See Adjustable chair.	Nursery-chair.						
Automobile-chair.	Portable chair.						
Bathing-chair.	Rail-chair.						
Child's chair.	Rail-joint chair.						
Deck-chair.	Railway-chair.						
Dental chair.	Railway-rail chair.						
Disappearing chair.	Reclining-chair.						
Folding chair.	Rocking-chair.						
Hydraulic chair.	Rocking and reclining chair.						
Invalid-chair.	Specialist's chair.						
Ironing-board chair.	Theater-chair.						
Knockdown chair.	Tilting-chair.						
Life-preserving steam-er-chair.	Toilet-chair.						
Lineman's chair.	Window-chair.						
Metallic chair.	Wire chair.						
Chair	J. Barta	840,463	Jan. 8	1361	301	126	396
Chair	W. J. Kelly	841,538	Jan. 15	3495	754-5	126	980
Chair	C. W. Hieber	843,208	Feb. 5	767	158	126	1990
Chair	J. Salomon	844,752	Feb. 19	4054	864-5	126	2869
Chair	J. S. Lester	844,881	Feb. 19	4309	919	126	2936
Chair	G. E. Crump	846,910	Mar. 12	2403	528	127	640
Chair	L. W. Barker and J. Jackson	847,880	Mar. 19	4361	956	127	1155
Chair	O. G. Franks	848,645	Apr. 2	45	10	127	1596
Chair	C. L. Miller	853,893	May 14	3097	634	128	824
Chair	R. Matthews	854,298	May 21	3908	806	128	1071
Chair	J. E. Hanger	856,058	June 4	1167	246	128	1988
Chair	E. G. Hess	858,389	July 2	38	12	129	14
Chair	W. E. Williams	864,347	Aug. 27	3486	969	129	3260
Chair	R. S. Buch	868,640	Oct. 22	2264	626-7	130	2076
Chair	J. Flindall	871,683	Nov. 19	3202	792	131	891
Chair	J. Flindall	871,755	Nov. 19	3337	821-2	131	914
Chair	W. B. Jackson	874,203	Dec. 17	3910	823	131	1858

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Chair and couch. Combined.	J. M. Hamilton.	870,776	Nov. 12	1446	392	131	502
Chair and crib. Combined.	A. B. Nielsen.	864,855	Sept. 3	146	41	130	46
Chair and desk. Combined.	L. P. Agnew.	869,472	Oct. 29	3568	978	130	2507
Chair and garment-support. Combined.	J. P. Fairbanks.	870,874	Nov. 12	1598	438	131	550
Chair and table. Combination.	C. O. Hoffmann.	849,397	Apr. 9	1556	315	127	2021
Chair and the like.	C. H. Homeyer.	848,465	Mar. 26	5509	1200	127	1476
Chair attachment.	W. C. Martin.	839,944	Jan. 1	293	64	126	81
Chair attachment.	M. L. David.	845,222	Feb. 26	4976	1038	126	3145
Chair attachment.	A. Thompson.	854,544	May 21	4360	903	128	1182
Chair attachment.	O. Rose.	860,328	July 16	3082	844	129	1086
Chair construction.	J. H. Coffman.	851,067	Apr. 23	4708	991	127	2901
Chair-dowel for building purposes.	W. H. Wilson.	868,053	Oct. 15	1332	371-2	130	1763
Chair fan attachment.	J. F. Dorris.	854,634	May 21	4520	944	128	1223
Chair fan attachment.	J. F. A. Probst.	857,669	June 25	4317	912	128	2889
Chair fan attachment. Rocking.	S. J. Taylor.	839,904	Jan. 1	206	45	126	58
Chair fan attachment. Rocking.	J. E. Gilbert.	856,247	June 11	1558	326-7	128	2121
Chair fan attachment. Rocking.	D. J. Stein.	870,911	Nov. 12	1657	456	131	569
Chair having adjustable back.	S. Risley and F. E. Ruger.	865,431	Sept. 10	1042	297	130	345
Chair head-rest.	D. Sarason.	845,822	Mar. 5	176	84	127	47
Chair head-rest.	J. Mackey.	860,222	July 16	2933	801	129	1032
Chair head-rest. Barber and other.	E. Berninghaus.	848,001	Mar. 26	4658	1015	127	1264
Chair head-rest. Barber's.	B. F. Buchanan.	849,595	Apr. 9	1949	399	127	2120
Chair-iron.	W. W. Bolens.	847,979	Mar. 19	4574	1005	127	1204
Chair-leg fastener.	W. L. Playman.	841,715	Jan. 22	3853	838	126	1103
Chair roller appliance. Rocking.	E. W. Raymond.	850,782	Apr. 16	4104	872	127	2723
Chair-seat.	S. N. McCloud.	859,828	July 9	2314	629	129	803
Chair-seat.	J. W. Henry.	873,939	Dec. 17	3326	709	131	1772
Chair-seat frames. Corner-brace for.	W. P. Heberger.	855,777	June 4	646	132	128	1860
Chair-seat. Reversible.	R. N. B. Petersen.	858,209	June 25	5429	1158-9	128	3171
Chair support or prop.	A. Rothfuchs and G. Bliss.	873,612	Dec. 10	2679	564-5	131	1631
Chair-tray-locking device.	W. F. Oliver.	848,391	Mar. 26	5366	1169	127	1459
Chair with extensible foot-rest.	W. J. Armstrong.	868,633	Oct. 22	2257	625	130	2074
Chairs. Ball-bearing for.	I. E. Bedell.	875,494	Dec. 31	6489	1355	131	2334
Chairs, tables, and the like. Machine for leveling.	A. Lyon.	858,299	June 25	5582	1193	128	3209
Chalk holder and guard.	W. R. Leroy.	848,835	Apr. 2	479	93	127	1708
Chalk-holder. Tailor's.	N. Nadoolman.	864,326	Aug. 27	3456	962	129	3250
Chalk-line holder.	M. A. Keare.	850,052	Apr. 9	2748	577	127	2319
Chalk-line holder.	A. B. Sharp.	873,686	Dec. 10	2806	597	131	1654
Chalk-line holder.	F. J. Stanley.	874,130	Dec. 17	3758	791	131	1833
Chalk-lines. Automatic chalkers and reel for.	S. S. Field.	845,401	Feb. 26	5338	1132-3	126	3233
Chalk-trough.	C. A. Hess.	846,667	Mar. 12	1921	422	127	519
Chamber, slop-jar, and the like.	C. W. Meinecke and D. Hogan.	846,224	Mar. 5	1018	218	127	259
Chandelier.	F. A. Burton.	867,555	Oct. 1	496	142	130	1467
Chandelier. Adjustable.	O. Dodge and S. G. Camp.	874,836	Dec. 24	5153	1086	131	2098
Change apparatus.	B. F. Beasley.	858,253	June 25	5505	1175	128	3190
Change maker and register.	J. F. Dredge.	864,457	Aug. 27	3657	1017-18	129	3317
Change making, indicating, and registering machine.	F. C. Osborn.	864,185	Aug. 27	3241	899-901	129	3184
Change-making machine.	H. Binney.	844,654	Feb. 19	3848	815-17	126	2818
Change-making machine.	C. Ulmer.	851,146	Apr. 23	4854	1022-5	127	2938
Change-making machine and cash-register.	A. Peterson.	861,316	July 30	4640	1268-70	129	1660
Channel-cutter.	J. S. Ramlose.	863,939	Aug. 20	2866	789	129	3041
Channel-flap layer.	W. H. Hooper.	861,179	July 23	4404	1209	129	1547
Channel-flap layer. Portable power.	W. H. Hooper.	865,898	Sept. 10	1789	499-500	130	590
Channel-pins. Manufacturing.	H. H. Vaughan.	847,710	Mar. 19	4008	876	127	1071
Channeling-machine.	W. Prellwitz.	849,019	Apr. 2	799	164-5	127	1799
Channeling-machine.	W. Prellwitz.	857,960	June 25	4926	1041-2	128	3040
Channeling-machine.	C. P. Stanbon.	865,957	Sept. 10	1875	526	130	615
Channeling-machines. Roller-guide for.	W. Prellwitz.	857,961	June 25	4928	1042	128	3041
Channeling-machines. Roller-guide for.	W. Prellwitz.	858,753	July 2	675	178	129	234
Chaplet.	F. Vollmer.	863,816	Aug. 20	2688	741	129	2987
Character impressions. Mechanism for producing.	F. H. Richards.	871,145	Nov. 19	2073	559-60	131	713
Charcoal-drying apparatus.	R. S. Kent.	871,705	Nov. 19	3232	800-1	131	897
Charcoal-kiln.	C. D. Train.	865,067	Sept. 3	481	132-3	130	145
Charging apparatus.	T. F. and J. G. Witherbee.	845,601	Feb. 26	5706	1209	126	3325
Charging-bar for open-hearth charging-machines.	C. L. Taylor.	853,483	May 14	2238	466	128	607
Charging device.	T. F. and J. G. Witherbee.	864,053	Aug. 20	3033	838-9	129	3091
Charging mechanism. Vertical.	C. L. Taylor.	864,936	Sept. 3	270	72-3	130	86
Charm, hat-pin, &c.	G. H. Tilford.	872,697	Dec. 3	792	165	131	1293
Chart. Adjustable.	E. H. Peterson.	851,374	Apr. 23	5342	1120	127	3057
Chart. Calendar.	J. B. Lindsey.	849,251	Apr. 2	1271	258	127	1913
Chart. Dress.	E. E. Dobbs.	851,279	Apr. 23	5155	1083	127	3011
Chart. Elbow.	E. Palm.	870,520	Nov. 5	1017	277	131	328
Chart-exhibitor.	A. W. Howell.	855,636	June 4	366	75-6	128	1787
Chart for drafting garments.	R. H. Blackburn.	843,862	Feb. 12	2015	433	126	2331
Chart for garment-patterns.	W. P. Ahnelt.	852,151	Apr. 30	6949	1451	127	3493
Chart-frame with adjustable slide.	J. A. Ansell.	855,217	May 28	5738	1194	128	1562
Charts or the like. Device for holding.	P. A. O'Brien.	847,434	Mar. 19	3440	754	127	925
Check and like value or amount indicating document.	A. Collier.	852,257	Apr. 30	7135	1494	127	3542
Form of							
Check-controlled apparatus.	E. A. Beaumont, Jr., and G. W. Garmon.	851,641	Apr. 30	5892	1231	127	3225
Check, draft, and similar instrument.	M. Berardini.	845,923	Mar. 5	413	84	127	107
Check for safe keeping of articles.	F. C. Stevenson.	840,168	Jan. 1	764	167	126	207
Check-handling device.	M. Joseph.	851,522	Apr. 23	5621	1178	127	3125
Check-holder.	W. R. Clark.	867,794	Oct. 8	856	244	130	1596
Check-marking apparatus.	C. H. Marston and H. H. Cummings.	865,050	Sept. 3	450	122	130	138
Check. Non-raisable.	C. H. Nixon.	861,881	July 30	5528	1525	129	1931
Check-operated machines. Fraud-preventive device for.	E. A. Beaumont, Jr., and G. W. Garmon.	860,346	July 16	3114	851	129	1093
Check-operated mechanism.	E. A. Beaumont, Jr., and G. W. Garmon.	870,338	Nov. 5	739	198-9	131	243
Check or other financial-instrument blank.	J. S. Metcalfe.	850,388	Apr. 16	3404	713	127	2531
Check or ticket issuing machine.	A. E. Young and E. G. Kerr.	857,266	June 18	3545	751	128	2664
Check-protector.	J. M. Griffin.	857,618	June 25	4233	895	128	2868
Check-protector.	A. E. Ayer.	861,695	July 30	5240	1440	129	1844

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Check-protector	F. B. Pease and C. G. Tiefel	862,844	Aug. 6	1222	329-30	129	2457
Check-register	L. J. Burdick	861,259	July 30	4547	1243-4	129	1624
Check-row and hill marker	W. J. Botts	874,827	Dec. 24	5138	1082-3	131	2095
Check. Sales	G. Heinersdorf	844,596	Feb. 19	3741	788	126	2791
Check system. Meal	G. A. Phillips	872,011	Nov. 26	3945	950	131	1031
Check. Triplicate sales	S. S. Zeltz	853,050	May 7	1389	290	128	354
Checks and for other purposes. Means for perforating to safeguard	E. A. Barnes	849,312	Apr. 2	1383	279	127	1940
Checks and other papers. Protecting	E. and M. Ilch	852,840	May 7	953	195	128	243
Checks. Machine for holding, stamping, and displaying	E. F. Chandler	874,905	Dec. 24	5285	1114	131	2119
Checker-board	J. S. Ford	872,923	Dec. 3	1259	269	131	1365
Checker-board. Sectional	H. M. Yorke	841,366	Jan. 15	3181	685	126	898
Checking device. Cigar-sale	J. H. Bowe	869,477	Oct. 29	3575	980	130	2509
Checking-rack	W. Mantell	855,113	May 28	5548	1152	128	1514
Checking, registering, and recording mechanism	A. Boos	868,625	Oct. 15	2236	620-1	130	2042
Checkrein device. Yielding	W. J. Armstrong	868,833	Oct. 22	2572	709	130	2170
Checkrein-holder	F. S. Weatherhead and G. O. Abbott	848,418	Mar. 26	5426	1183	127	1456
Checkrein-hook	J. B. L. Brown	869,546	Oct. 29	3685	1010	130	2542
Cheese-cutter	W. A. Loshbough	840,352	Jan. 1	1152	250	126	305
Cheese-cutter	L. Swank	842,919	Feb. 5	153	35	126	1830
Cheese-cutter	T. Hill	853,408	May 14	2094	436	128	569
Cheese-cutter	G. F. Kriesel	856,474	June 11	2051	421-2	128	2248
Cheese-cutter	W. G. Templeton	856,499	June 11	2090	430	128	2258
Cheese-cutter	J. W. Culmer	856,514	June 11	2118	435	128	2264
Cheese-cutter	A. K. Gillespie	856,950	June 11	2925	613	128	2465
Cheese-cutter	W. G. Templeton	857,498	June 18	3993	850	128	2776
Cheese-cutter	J. H. Osborne	858,750	July 2	671	177	129	232
Cheese-cutter	C. M. Wright	862,228	Aug. 6	191	53	129	2143
Cheese-cutter	C. M. Wright	863,340	Aug. 13	1985	534	129	2735
Cheese-cutter	W. G. Doty	868,626	Oct. 15	2240	621	130	2045
Cheese-cutter	C. M. Hansen	868,660	Oct. 22	2294	637	130	2085
Cheese-cutter	W. F. Kessler	869,308	Oct. 29	3300	909	130	2425
Cheese-cutter. Computing	W. G. Doty	848,090	Mar. 26	4798	1046-7	127	1299
Cheese-cutter. Computing	R. H. Neff	854,521	May 21	4311	893	128	1172
Cheese-cutter. Computing	T. C. Braskett	856,389	June 11	1891	390	128	2209
Cheese-cutter. Computing	J. A. Shutz and M. L. Kirkman	857,840	June 25	4670	991	128	2978
Cheese-cutter for vending cheese. Computing	J. Winkelmeyer	874,717	Dec. 24	4948	1039-40	131	2059
Cheese cutter. Long-horn	W. L. Bridges	864,119	Aug. 20	3136	868	129	3123
Cheese-cutters. Cheese guard and support for	J. E. Van Deventer and L. Swank	846,634	Mar. 12	1868	410-11	127	506
Cheese-cutting machine	W. H. Scott	840,806	Jan. 8	2035	450	126	562
Cheese-mill	E. E. Miller	841,997	Jan. 22	4428	954	126	1245
Cheese-press	J. V. Sokup	865,955	Sept. 10	1874	526	130	615
Cheese-vat	F. J. Macnish	845,470	Feb. 26	5486	1161-2	126	3270
Chemical apparatus	H. B. Snell	840,391	Jan. 1	1229	269	126	323
Chemical compounds. Apparatus for the electrolytic production of	C. F. Carrier, Jr.	859,431	July 9	1727	460	129	613
Chemical-engine	S. L. Wottring and C. H. Sutphen	852,815	May 7	904	184	128	231
Chemical-receptacle	H. Weida and E. K. Hardy	844,070	Feb. 12	2403	515	126	2426
Chemical reductions and producing metals and alloys. Effecting	F. M. Becket	858,329	June 25	5632	.....	128	3221
Chemical reductions and producing metals or alloys. Effecting	F. M. Becket	866,421	Sept. 17	2574	.....	130	868
Chemisette or shield. Lady's	A. K. Billstein	861,427	July 30	4840	1328	129	1722
Cherries, &c. Device for picking	J. West	871,842	Nov. 26	3545	867	131	974
Cherry-stoner	B. Mai	843,955	Feb. 12	2197	470	126	2377
Chival-glass and desk or the like. Combination	W. La Hodny	847,342	Mar. 19	3238	713	127	874
Child's chair	H. Linden	841,700	Jan. 22	3829	832	126	1097
Child's chair	E. S. French	866,853	Sept. 24	3219	905	130	1104
Chime	H. Gibbs	864,461	Aug. 27	3664	1019	129	3320
Chimney	J. V. Boland	844,297	Feb. 12	2875	611-12	126	2546
Chimney	S. M. Kemp	854,895	May 28	5101	1060	128	1403
Chimney	R. S. Poston	861,481	July 30	4918	1350	129	1744
Chimney	J. T. Flynn	865,372	Sept. 10	951	273	130	317
Chimney	C. Weber	875,395	Dec. 31	6308	1315	131	2303
Chimney and ventilating-shaft top and the like	A. Holtzheuer	854,291	May 21	3899	803	128	1069
Chimney-back	J. A. Porter	853,897	May 14	3106	636	128	827
Chimney cap or ventilator	J. C. Rothbarth	874,249	Dec. 17	3996	843	131	1873
Chimney-cleaner	O. N. Miller	854,101	May 21	3536	730	128	973
Chimney construction	A. Repetto	859,616	July 9	2005	541	129	703
Chimney construction	H. R. Heine	861,175	July 23	4398	1208	129	1545
Chimney construction	W. C. Hays	870,780	Nov. 12	1451	393	131	504
Chimney-cowl	E. S. Egly	845,862	Mar. 5	256	52	127	66
Chimney-cowl	W. R. A. Ball	846,446	Mar. 12	1471	327	127	401
Chimney-cowl	E. A. Gerrard	861,966	July 30	5653	1568	129	1970
Chimney-cowl	T. B. Samuel	864,267	Aug. 27	3372	938	129	3225
Chimney-cowl	A. H. Holtzinger	867,881	Oct. 8	1006	287	130	1640
Chimney-cowl	M. Ludwig	870,976	Nov. 12	1779	484	131	606
Chimney cowl and ventilator. Combined	D. Whitehead	852,480	May 7	192	35	128	57
Chimney cowl or ventilator	A. C. Badger	860,721	July 23	3709	1016	129	1320
Chimney-flue protector	C. Leak	851,949	Apr. 30	6529	1361	127	3388
Chimney-stack base	J. Herrin	843,813	Feb. 12	1915	410	126	2308
Chimney-top	P. H. Bayley	850,126	Apr. 16	2918	609	127	2402
Chimney-top	S. M. Kemp	850,372	Apr. 16	3377	706	127	2525
Chimney-top	T. Kernchen	851,942	Apr. 30	6516	1358	127	3385
Chimney-top	E. P. Doty	865,023	Sept. 3	413	110	130	127
Chimney-top cowl	J. W. Kayser	855,710	June 4	505	105	128	1824
Chimney top or ventilator	C. Saunders	864,865	Sept. 3	163	46	130	51
Chimney-valve construction	W. O. Amsler	869,763	Oct. 29	4029	1112	130	2645
Chimneys. Composition for removing soot from	G. L. Gray	853,873	May 14	3041	.....	128	810
Chin-rest and shoulder-pad support	J. J. Morrissey	850,775	Apr. 16	4149	868	127	2719
Chin-rest and shoulder-pad support	J. J. Morrissey	850,776	Apr. 16	4151	868	127	2719
China-kiln	J. C. Hinz	875,350	Dec. 31	6218	1296-7	131	2287
Chip-breaker	L. J. Nelson	840,238	Jan. 1	910	199	126	244
Chipping-machine	C. E. Grant	848,459	Mar. 26	5500	1198	127	1477

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Chisel.....	G. J. Harris.....	841,517	Jan. 15	3467	747	126	973
Chisel. Butt.....	J. E. Howell.....	860,544	July 16	3411	937	129	1192
Chisel. Butt.....	J. E. Howell.....	860,545	July 16	3412	938	129	1192
Chlorinating apparatus.....	W. V. Lander.....	841,329	Jan. 15	3102	671	126	878
Chlorination-barrel.....	W. J. Armbruster.....	856,384	June 11	1881	388	128	2206
Chloroform-dropper.....	B. A. Warren.....	859,157	July 2	1304	347	129	439
Chock.....	J. M. Thomas.....	849,937	Apr. 9	2566	532	127	2277
Chocolate and cocoa compound and making same.....	J. R. Hatmaker.....	872,416	Dec. 3	200	40	131	1200
Chocolate-coating machine.....	H. C. Remmers.....	843,300	Feb. 5	958	195	126	2033
Chocolate-press. Continuous-screw.....	G. Carlson.....	840,298	Jan. 1	1017	222-3	126	273
Chopper:							
<i>See</i> Cotton-chopper.....	Feed-chopper.....						
Cotton and corn chop- per.....	Food-chopper. Meat-chopper.						
Chopper and cultivator.....	E. T. Odom.....	852,194	Apr. 30	7026	1467	127	3514
Chopping and extracting apparatus.....	O. Wehrle.....	874,270	Dec. 17	4041	854	131	1880
Christmas-tree holder.....	C. Pissahl.....	848,850	Apr. 2	508	99	127	1717
Christmas-tree holder.....	J. T. Bailey.....	873,402	Dec. 10	2268	473	131	1559
Christmas-tree support.....	J. Vogt.....	871,050	Nov. 12	1878	514	131	637
Chrome-yellow. Manufacture of.....	P. D. Potter.....	868,807	Oct. 22	2536		130	2160
Chuck.....	J. A. Leland.....	842,469	Jan. 29	5465	1158	126	1548
Chuck.....	J. Pearson.....	843,095	Feb. 5	524	109-10	126	1928
Chuck.....	W. S. Davenport.....	843,666	Feb. 12	1659	352	126	2243
Chuck.....	F. N. Macleod and C. A. Rich.....	843,682	Feb. 12	1686	358	126	2250
Chuck.....	J. Hodson.....	847,251	Mar. 12	3052	673	127	800
Chuck.....	C. G. Holmberg.....	847,336	Mar. 19	3224	710	127	871
Chuck.....	B. M. W. Hanson.....	847,573	Mar. 19	3703	816-17	127	995
Chuck.....	J. A. Leland.....	857,947	June 25	4886	1033	128	3032
Chuck.....	W. D. Paynter and F. A. Bastian.....	860,564	July 16	3441	945	129	1202
Chuck.....	P. Zulinke and S. Burget.....	860,781	July 23	3797	1040	129	1349
Chuck.....	V. J. Wahlstrom.....	866,245	Sept. 17	2310	645	130	783
Chuck.....	W. A. Oubridge.....	868,471	Oct. 15	1972	550	130	1956
Chuck.....	V. J. Wahlstrom.....	870,142	Nov. 5	413	115	131	137
Chuck.....	V. J. Wahlstrom.....	870,143	Nov. 5	415	115	131	138
Chuck.....	J. H. Westcott.....	875,022	Dec. 31	5577	1165	131	2184
Chuck. Boring.....	L. A. Nilsson.....	848,566	Mar. 26	5698	1247	127	1522
Chuck. Drill.....	W. H. Adams.....	841,758	Jan. 22	3946	853	126	1127
Chuck. Drill.....	W. Borchert.....	844,091	Feb. 12	2437	521	126	2434
Chuck. Drill.....	R. Temple.....	844,631	Feb. 19	3798	803	126	2804
Chuck. Drill.....	L. T. Gauss.....	845,773	Mar. 5	80	16	127	24
Chuck. Drill.....	L. Larsen.....	847,790	Mar. 19	4162	908	127	1107
Chuck. Drill.....	F. G. H. Heynau.....	856,699	June 11	2480	510	128	2355
Chuck. Drill.....	F. E. Kling.....	860,980	July 23	4120	1128-9	129	1455
Chuck. Drill.....	D. G. Morgan and J. T. Porter.....	864,668	Aug. 27	4022	1116	129	3428
Chuck. Drill.....	M. Kuhs and G. Petig.....	868,101	Oct. 15	1397	391	130	1783
Chuck. Drill.....	A. J. McAllister.....	869,507	Oct. 29	3625	993	130	2524
Chuck. Drill.....	G. A. Orr.....	871,618	Nov. 19	3087	767	131	871
Chuck. Drill.....	A. A. North.....	872,841	Dec. 3	1102	231	131	1340
Chuck. Drill and like clamping.....	J. Albrecht.....	855,829	June 4	750	154	128	1884
Chuck for taps and drills. Yielding.....	W. L. Proconier.....	859,976	July 16	2549	693	129	907
Chuck for timber-framing machines.....	J. Doull.....	848,226	Mar. 26	5023	1098	127	1356
Chuck for transfer-presses.....	G. White.....	848,871	Apr. 2	559	111	127	1732
Chuck for use on hammer rock-drills. Drill.....	A. L. Stephens and T. McGrath.....	864,270	Aug. 27	3375	938	129	3226
Chuck. Jeweler's lathe.....	C. F. Hornbeck.....	861,120	July 23	4326	1187	129	1522
Chuck. Lathe.....	H. A. Hillenbrand.....	855,456	June 4	31	7	128	1702
Chuck mechanism.....	A. Tindel.....	846,875	Mar. 12	2332	513	127	624
Chuck mechanism.....	A. Tindel.....	871,005	Nov. 12	1815	495	131	617
Chuck. Quick-acting brace.....	M. A. Beard.....	875,493	Dec. 31	6488	1355	131	2334
Chuck. Rock-drill.....	C. A. Hultquist.....	856,877	June 11	2797	583	128	2435
Chuck. Rock-drilling-machine.....	S. R. J. and A. V. T. Maynard and F. Gale.....	847,590	Mar. 19	3749	823	127	1009
Chuck. Self-tightening rock-drill.....	J. A. Thompson, E. M. Mackie, and P. F. Doyle.....	871,972	Nov. 26	3849	931	131	1017
Chuck. Stay-bolt.....	W. H. Kauffman.....	867,201	Sept. 24	3772	1066	130	1277
Chuck. Tool.....	T. A. Dicks.....	852,320	Apr. 30	7244	1521	127	3567
Churn.....	J. L. Merideth.....	839,866	Jan. 1	125	30	126	36
Churn.....	E. L. Allen.....	840,035	Jan. 1	482	105	126	130
Churn.....	T. J. Cheney.....	844,327	Feb. 19	2951	628	126	2604
Churn.....	J. C. Gentry and J. T. Bottom- lee.....	845,346	Feb. 26	5231	1110	126	3207
Churn.....	C. L. Cook.....	845,527	Feb. 26	5576	1182	126	3293
Churn.....	H. Garbutt.....	845,940	Mar. 5	445	91	127	115
Churn.....	D. L. Stewart.....	846,872	Mar. 12	2325	512	127	622
Churn.....	T. J. Cheney. (Reissue).....	12,617	Mar. 19	4607	1010	127	1212
Churn.....	G. W. Hamilton.....	848,989	Apr. 2	756	154	127	1780
Churn.....	N. P. Dazey.....	850,525	Apr. 16	3673	769	127	2600
Churn.....	R. Koch.....	852,067	Apr. 30	6789	1413	127	3454
Churn.....	W. J. Rine.....	854,240	May 21	3813	787	128	1046
Churn.....	J. Smith.....	856,187	June 4	1418	300	128	2050
Churn.....	W. L. Clifton.....	856,844	June 11	2738	568	128	2420
Churn.....	G. Kriegel.....	858,519	July 2	269	66	129	96
Churn.....	G. W. Ledbetter and N. Lanpher.....	858,729	July 2	636	167	129	219
Churn.....	T. Scates.....	859,340	July 9	1597	424	129	571
Churn.....	A. Blair.....	860,895	July 23	3977	1090	129	1409
Churn.....	G. W. Robertson.....	862,661	Aug. 6	935	250-1	129	2373
Churn.....	J. Supper.....	863,009	Aug. 13	1466	398-9	129	2571
Churn.....	O. G. Guss.....	863,713	Aug. 20	2519	695	129	2933
Churn.....	J. L. Forbes.....	865,030	Sept. 3	422	112	130	129
Churn.....	W. A. Cutler.....	865,684	Sept. 10	1446	409-10	130	472
Churn.....	J. W. Williams.....	867,179	Sept. 24	3731	1055	130	1265
Churn.....	A. O. Martin.....	869,189	Oct. 22	3101	854	130	2335
Churn.....	W. E. Borden.....	869,876	Nov. 5	9	2	131	5
Churn.....	J. W. Connell.....	870,494	Nov. 5	974	267	131	316
Churn.....	A. M. McKoy.....	871,732	Nov. 19	3278	811-12	131	906
Churn.....	A. H. Gragg.....	874,002	Dec. 17	3445	733	131	1792
Churn and butter-worker. Combined.....	G. J. Kaplan.....	840,133	Jan. 1	706	150-1	126	192

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Churn and butter-worker. Combined.....	G. J. Kaplan.....	844,678	Feb. 19	3900	825	126	2830
Churn and butter-worker. Combined.....	G. J. Kaplan.....	849,688	Apr. 9	2107	433	127	2159
Churn and butter-worker. Combined.....	A. Jensen.....	855,178	May 28	5672	1180	128	1546
Churn and butter-worker. Combined.....	M. F. Stadtmuller.....	857,119	June 18	3267	688	128	2593
Churn and butter-worker. Combined.....	O. Christensen and C. P. Sölbeck.....	858,060	June 25	5151	1091	128	3100
Churn and butter-worker. Combined.....	D. E. Virtue.....	861,561	July 30	5339	1383-4	129	1785
Churn and butter-worker. Combined.....	G. J. Kaplan.....	863,282	Aug. 13	1899	513	129	2706
Churn and butter-worker. Combined.....	G. J. Kaplan.....	863,283	Aug. 13	1901	514	129	2707
Churn and butter-worker. Combined.....	A. Jensen.....	865,594	Sept. 10	1310	372	130	426
Churn and butter-worker. Combined.....	F. La Bare.....	866,638	Sept. 17	2010	561	130	688
Churn and butter-worker. Combined.....	T. J. Howe, M. Deeg, and F. La Bare.....	866,584	Sept. 17	2797	783	130	938
Churn. Butter-dasher.....	S. M. Pearson.....	844,464	Feb. 19	3215	693	126	2669
Churn-dasher.....	J. F. Bertram.....	841,661	Jan. 22	3742	813	126	1074
Churn-dasher.....	F. W. Cook.....	842,386	Jan. 29	5263	1116	126	1493
Churn-drill.....	J. B. Scovell.....	848,502	Mar. 26	5569	1216	127	1490
Churn-motor.....	E. W. Cole.....	845,525	Feb. 26	5573	1181	126	3292
Churn-operating means. Vibrating.....	W. P. Coleman.....	857,923	June 25	4834	1025	128	3017
Churn-operating mechanism.....	W. I. Kersh.....	843,751	Feb. 12	1812	386	126	2282
Churn-operating mechanism.....	A. H. Stutler.....	845,595	Feb. 26	5693	1206-7	126	3321
Churn-operating mechanism.....	W. H. Colman.....	866,334	Sept. 17	2451	684	130	927
Churn-operating mechanism.....	G. E. Smith.....	870,055	Nov. 5	283	77	131	96
Churn. Revolving-paddle.....	E. Blackford.....	874,292	Dec. 17	4084	861	131	1888
Churning or washing machine.....	H. P. Avery and S. J. Bartlett.....	871,906	Nov. 26	3681	897-8	131	995
Chute.....	C. H. Shultz.....	867,164	Sept. 24	3706	1049	130	1257
Chute.....	C. H. Shultz.....	867,165	Sept. 24	3707	1049	130	1257
Chute.....	C. N. Langdon and O. E. Carlson.....	869,495	Oct. 29	3603	988-9	130	2517
Chute and controlling mechanism therefor for elevators, bins, and the like.....	R. A. Ogle.....	875,283	Dec. 31	6083	1269	131	2267
Chute. Coal.....	J. Campbell.....	864,408	Aug. 27	3572	993-4	129	3287
Chute. Coal.....	H. W. Richards.....	867,156	Sept. 24	3693	1044	130	1253
Chute feeder. Coal.....	A. C. Miley.....	875,447	Dec. 31	6405	1337	131	2319
Chute for endless-rope transporting appliances.....	G. Leue.....	867,584	Oct. 8	553	156	130	1503
Chute for wagons. Discharge.....	J. Harbolsheimer.....	874,334	Dec. 17	4165	876	131	1901
Chute-frame.....	J. M. Triggs.....	870,524	Nov. 5	1023	279	131	330
Chute support for vehicles. Coal.....	A. C. Elphinstone.....	862,322	Aug. 6	354	98	129	2194
Chute. Trimming.....	P. O. Olson.....	861,141	July 23	4354	1193-4	129	1530
Cider-mill.....	C. G. Oman.....	847,810	Mar. 19	4234	927	127	1122
Cider. Treating.....	L. Beyea.....	862,960	Aug. 13	1392	379	129	2546
Cigar and cigarette holder.....	F. J. Seyfried.....	840,385	Jan. 1	1221	267	126	321
Cigar and cigarette holder and ash-receiver. Combined.....	S. L. Bigelow.....	842,613	Jan. 29	5753	1215	126	1616
Cigar and the like holder.....	W. B. Goodwin.....	854,820	May 28	4925	1022	128	1356
Cigar and tobacco moistener.....	E. L. Buxbaum.....	855,615	June 4	331	68	128	1779
Cigar-box.....	F. A. Moon and A. J. Cushman.....	845,428	Feb. 26	5382	1142	126	3244
Cigar-boxes. Device for preventing the fraudulent refilling of.....	T. M. Losie, Jr.....	856,481	June 11	2062	424	128	2251
Cigar-bunch-forming apparatus.....	O. Hammerstein.....	872,177	Nov. 26	4280	1023	131	1086
Cigar-bunch-rolling machine.....	O. Hammerstein.....	872,125	Nov. 26	4179	998-9	131	1068
Cigar-bunch structures. Producing.....	O. Hammerstein.....	875,071	Dec. 31	5672	1183	131	2199
Cigar bunching and wrapping machine.....	J. A. Bach.....	856,201	June 11	1456	307	128	2094
Cigar-bunching machine.....	R. A. Bright and A. W. Davis.....	842,618	Jan. 29	5763	1216-18	126	1618
Cigar-case.....	P. Renner.....	848,854	Apr. 2	520	103	127	1721
Cigar-clipper and match-box.....	T. H. Davies.....	867,253	Oct. 1	35	11	130	1326
Cigar-cutter.....	J. C. F. Dick.....	845,536	Feb. 26	5595	1185	126	3298
Cigar-cutter.....	J. E. Ellis.....	846,650	Mar. 12	1894	416	127	512
Cigar-cutter.....	W. F. Herdrich and G. Garmisa.....	853,924	May 14	3162	646	128	841
Cigar-cutter.....	A. Schicklerling.....	855,203	May 28	5715	1190	128	1556
Cigar-cutter.....	C. A. Tousey.....	861,685	July 30	5219	1434	129	1839
Cigar-cutter.....	R. Kollmar.....	866,037	Sept. 17	2009	560	130	688
Cigar-cutter.....	A. C. Gast.....	873,365	Dec. 10	2200	458	131	1547
Cigar cutter and lighter.....	F. A. Widmann.....	840,980	Jan. 8	2379	521-2	126	648
Cigar cutter and lighter. Combined.....	P. J. Nawn.....	853,314	May 14	1935	400	128	530
Cigar-cutter and match-receptacle.....	G. W. Ansley.....	872,632	Dec. 3	660	137	131	371
Cigar-cutter and match-safe. Combined.....	H. E. Packer and J. N. Stacy.....	859,009	July 2	1089	287-8	129	1271
Cigar-cutter and nail-clipper. Combined.....	G. Havell.....	846,743	Mar. 12	2058	452	127	533
Cigar-cutter and pipe-cleaner. Combined.....	G. Nelson.....	851,769	Apr. 30	6134	1282	127	3286
Cigar-filler-cutting machine.....	R. A. Bright and A. W. Davis.....	843,927	Feb. 12	2148	459	126	2366
Cigar-fillers. Device for producing.....	P. A. E. Scheer.....	848,130	Mar. 26	4866	1063	127	1315
Cigar-fillers. Forming.....	W. S. Luckett.....	862,983	Aug. 13	1422	387	129	2556
Cigar-fillers. Method and device for making.....	J. Stephan.....	866,233	Sept. 17	2293	641	130	778
Cigar-gage.....	T. Eckard.....	861,443	July 30	4873	1335	129	1730
Cigar-holder.....	J. Knaff.....	847,341	Mar. 19	3236	713	127	874
Cigar-holder.....	B. N. Phillippi.....	858,349	June 28	5686	1216	128	3240
Cigar-holding attachment.....	W. H. Alexander.....	862,691	Aug. 6	983	262	129	2386
Cigar-lighter.....	W. C. Oliver.....	856,362	June 11	1838	377	128	2194
Cigar-lighter.....	J. H. Moore.....	846,684	Mar. 12	1950	429	127	526
Cigar-lighter.....	C. E. Bessel.....	851,218	Apr. 23	5027	1058	127	2977
Cigar-lighter.....	C. E. Gervais.....	861,510	July 30	4955	1360-1	129	1757
Cigar-lighter.....	T. B. Murray.....	863,419	Aug. 13	2087	562	129	2768
Cigar-lighter.....	C. D. Vaughn.....	865,830	Sept. 10	1700	472	130	564
Cigar-lighter and advertising device.....	C. E. Bessel and C. D. Meeker.....	866,568	Sept. 17	2768	774	130	927
Cigar-lighting apparatus. Electric.....	S. M. Meyer.....	844,610	Feb. 19	3764	793-4	126	2796
Cigar-machine.....	W. S. Luckett.....	845,667	Apr. 2	92	21	127	1609
Cigar-machine.....	W. S. Luckett.....	851,681	Apr. 30	5967	1247	127	3243
Cigar-machine.....	L. A. Schaeffer.....	859,980	July 16	2556	696-8	129	909
Cigar-machine.....	T. Moesinger.....	867,825	Oct. 8	916	260-2	130	1613
Cigar-machine roll.....	R. A. Bright and A. W. Davis.....	873,836	Dec. 17	3140	668	131	1738
Cigar-machines. Wrapper-carrier for.....	W. S. Luckett.....	848,666	Apr. 2	90	20	127	1609
Cigar-making machine.....	L. A. Schaeffer.....	859,981	July 16	2563	698-701	129	912
Cigar-making machine.....	L. A. Schaeffer.....	859,983	July 16	2574	701-2	129	916
Cigar-making-machine cutting-roller.....	L. A. Schaeffer.....	859,982	July 16	2572	701	129	916
Cigar-moistener.....	L. F. Bradley.....	848,434	Mar. 26	5455	1189	127	1462
Cigar-moistener.....	J. K. Williams.....	863,769	Aug. 20	2611	722	129	2962
Cigar-moistener.....	O. L. Johnson.....	872,068	Nov. 26	4067	975	131	1049

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drgs.	Vol.	Page.
Cigar-moistening box	W. Tisch.	857,218	June 18	3458	729	128	2642
Cigar mold	N. Du Brul.	817,558	Mar. 19	3675	811	127	989
Cigar-package	F. E. Dorje.	873,217	Dec. 10	1885	395	131	1496
Cigar perforator	J. G. Doherty.	842,530	Jan. 29	5577	1180	126	1572
Cigar-pressing box	R. Woerner.	840,183	Jan. 1	792	172	126	212
Cigar stand, cigar cutter, match box, and lighter, Combined	J. B. Zorn.	845,325	Feb. 26	5189	1101	126	3197
Cigar, stogy, &c.	A. H. Graves.	869,561	Oct. 29	3391	933	130	2453
Cigar tip cutter	E. Brunnhoff and E. A. Kuen.	862,386	Aug. 6	464	123	129	2332
Cigar tip cutter	J. Weinbrecht.	863,123	Aug. 13	1657	444	129	2632
Cigar trimming and molding machine	R. A. Bright and A. W. Davis.	863,503	Aug. 13	2215	598-9	129	2806
Cigar wrapper cutter	L. W. Palmer.	864,105	Aug. 20	3111	860	129	3116
Cigars and all tobacco cigarettes, Manufacturing	G. P. Butler.	864,948	Sept. 3	288	77	130	92
Cigars, Manufacture of	W. H. Butler.	865,012	Sept. 3	392	106	130	123
Cigarette	J. Cavagna.	856,030	June 4	1125	235	128	1979
Cigarette box	S. S. Poor.	850,182	Apr. 16	3019	632	127	2428
Cigarette-box making and packing machine	F. Giroud.	846,658	Mar. 12	1906	419-20	127	516
Cigarette-extinguisher	E. F. Johnson.	861,519	July 30	4966	1365	129	1759
Cigarette former	R. Hofmann.	842,886	Feb. 5	87	20	126	1813
Cigarette-machine	E. Georgii.	850,921	Apr. 23	4447	930-1	127	2835
Cigarette-machine	S. I. Prescott.	863,217	Aug. 13	1799	484-6	129	2677
Cigarette-machine	S. Ragona.	869,594	Oct. 29	3434	945	130	2465
Cigarette-machine drier	N. Du Brul.	842,534	Jan. 29	5587	1182-3	126	1575
Cigarette-machine pasting apparatus	G. Tickner, Jr.	856,823	June 11	2702	558	128	2413
Cigarette machines, Device for rolling tips for	J. Gueniffet and J. Nisant.	845,647	Apr. 2	47	11	127	1596
Cigarette-machines, Filler-shaping mechanism for	S. I. Prescott.	863,217	Aug. 13	1595	430	129	2611
Cigarette-making apparatus	H. Williams.	858,642	July 2	499	129	129	174
Cigarette-making device	W. F. Novitsky.	847,968	Mar. 19	4555	1000-1	127	1200
Cigarette-making machine	L. L. Conkling.	873,350	Dec. 10	2169	453	131	1541
Cigarette-making machine	W. Baguley.	841,216	Jan. 15	2871	624-5	126	818
Cigarette-making machine	F. Schürmann.	853,650	May 14	2581	536	128	695
Cigarette-making machine	L. B. Baron.	854,140	May 21	3611	745-6	128	990
Cigarette-mouthpieces, Machine for applying	P. X. Malocessy.	840,004	Jan. 1	400	87-9	126	108
Cigarette-packing machine	A. Abbott.	840,187	Jan. 1	801	174-6	126	214
Cigarette-packing machine	E. T. Pollard and E. L. Behrman.	864,256	Aug. 27	3351	929-33	129	3218
Cigarette-rolling device	H. G. Barrett.	859,908	July 16	2452	667	129	877
Cigarette-shell	S. I. Prescott.	843,628	Feb. 12	1596	337	126	2226
Cigarette-tipping machine	A. L. Boucher.	873,014	Dec. 10	1484	309-10	131	1431
Cigarette-wraper	R. Baird.	859,038	July 2	1133	302	129	385
Cigarette-wrappers-charging machine	B. Chatzkelevitz.	859,365	July 9	1636	436	129	583
Cigarettes having tobacco wrappers, Manufacture of	G. P. Butler.	864,949	Sept. 3	290	77	130	93
Cigarettes, Machine for making conical	R. Ermdler.	850,742	Apr. 16	4091	855	127	2704
Cigarettes, Tobacco paper for	P. W. Capehart.	872,987	Dec. 3	1393		131	1387
Cigarettes with tin-foil or the like, Apparatus for wrapping	A. Godfrey.	870,623	Nov. 12	1182	321-2	131	418
Cinder-mill	W. W. Sly.	841,728	Jan. 22	3872	840-1	126	1107
Cipher, Apparatus for correspondence in	C. Haas and H. Studt.	875,070	Dec. 31	5670	1183	131	2199
Cipher code, Telegraph and cable	F. W. Lietzow.	850,091	Apr. 9	2827	592-3	127	2340
Circles, Instrument for use in determining the functions of	A. S. H. Hitchings.	870,959	Nov. 12	1744	477	131	596
Circuit-breaker	E. M. Hewlett.	840,848	Jan. 8	2115	467	126	581
Circuit-breaker	E. O. Hartman.	844,353	Feb. 19	3003	642-3	126	2617
Circuit-breaker	R. E. Hollmund.	846,469	Mar. 12	1513	336	127	413
Circuit-breaker	E. H. Smythe and E. A. Burrows.	847,520	Mar. 19	3598	793-4	127	968
Circuit-breaker	A. C. Woehle.	848,148	Mar. 26	4889	1067	127	1321
Circuit-breaker	B. P. Rucker.	856,425	June 11	1967	405	128	2226
Circuit-breaker	E. W. Blair.	874,293	Dec. 17	4085	861	131	1888
Circuit-breaker, Automatic	H. W. Leonard.	845,655	Feb. 26	5820	1230	126	3352
Circuit-breaker, Automatic	G. W. Hart.	874,190	Dec. 17	3872	816-17	131	1853
Circuit-breaker, Automatic time	W. N. Martin, A. J. Thomas, and E. F. L. Russell.	858,301	June 25	5585	1194	128	3210
Circuit-breaker for electrical conductors	W. C. Shaw.	844,961	Feb. 19	4440	949	126	2967
Circuit-breaker, High-potential	L. G. Robinson.	862,513	Aug. 6	690	187	129	2301
Circuit-breaker, Time-limit	W. M. Scott.	861,611	July 30	5114	1405	129	1808
Circuit breakers, Trip-coil for	E. B. Merriam.	848,915	Apr. 2	634	127	127	1751
Circuit catching device and electrical system for use in conjunction with the same	A. H. Graves.	843,270	Feb. 5	898	183	126	2020
Circuit-changer	E. O. Schweitzer and A. Herz.	859,621	July 9	2013	543	129	706
Circuit changing apparatus	J. A. Birstfield.	853,292	May 14	1873	388	128	509
Circuit changing apparatus	W. Kaisling.	853,305	May 14	1919	397	128	525
Circuit changing mechanism	H. G. Webster.	849,443	Apr. 9	1628	330	127	2040
Circuit-closer	F. S. Clayton.	842,082	Jan. 22	4581	985	126	1281
Circuit-closer	F. R. Wickwire.	861,006	July 23	4166	1141	129	1470
Circuit-closer	T. A. Benus.	867,095	Sept. 24	3599	1021	130	1221
Circuit-closer	T. M. Foote.	870,353	Nov. 5	761	203	131	250
Circuit-closer, Automatic	L. Charbonneau.	843,327	Feb. 5	1003	206	126	2043
Circuit-closer, Automatic	H. A. Pearson and H. Adams.	864,027	Aug. 20	2988	826-7	129	3078
Circuit-closer, Automatic	H. G. Pape.	864,858	Sept. 3	151	42-3	130	47
Circuit-closer for door-alarms	L. F. I. Themke.	867,220	Sept. 24	3801	1073	130	1286
Circuit-closer, Rotary	L. Hutchinson.	860,383	July 16	3174	868	129	1113
Circuit-closer, Time	W. S. Guthrie.	840,562	Jan. 8	1580	347	126	448
Circuit closing device	R. A. Baldwin.	853,618	May 14	2522	523	128	681
Circuit closing device	F. W. Erickson.	854,205	May 21	3741	773	128	1026
Circuit closing device	R. C. Cram and C. L. Graves.	860,532	July 16	3391	932	129	1185
Circuit closing device, Time-controlled	C. A. Palmgren and A. H. Young.	870,900	Nov. 12	1639	448-9	131	563
Circuit-closing mechanism	T. W. Small.	846,960	Mar. 12	2502	551-2	127	665
Circuit-connector	C. F. Patterson.	852,395	Apr. 30	7406	1554	127	3608
Circuit-control apparatus	R. Fleming.	863,165	Aug. 13	1716	461-2	129	2650
Circuit-controller	E. S. Massey and J. H. Hawkins.	858,197	June 25	5405	1151	128	3163
Circuit-controller	C. A. Carlson.	859,430	July 9	1726	459-60	129	613
Circuit controller, Slow speed	H. A. Wallace.	863,335	Aug. 13	1977	533	129	2732
Circuit-controlling device, Thermostatic	L. H. Britton.	847,044	Mar. 12	2661	586	127	704
Circuit-controlling means	E. E. Flora.	858,391	July 2	397	103	129	141
Circuit-controlling mechanism, Automatic	H. G. Crawford.	840,337	Jan. 8	1563	345	126	444

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Circuit-controlling mechanism for electrically-heated tools.	W. J. Barr.	852,537	May 7	313	57-8	128	85
Circuit-detecting device.	L. M. Schmidt.	850,258	Apr. 16	3159	660	127	2467
Circuit maker and breaker.	J. Wilkinson.	862,041	July 30	5746	1597	129	1998
Circuit making and breaking device.	F. L. Willard.	847,299	Mar. 12	3143	692	127	824
Circuit making and breaking device.	S. Bouton.	852,414	May 7	7	2-3	128	4
Circuit making and breaking device.	A. L. Riker.	867,211	Sept. 24	3785	1069	130	1280
Circuit-operating device.	L. G. Woolley.	857,708	June 25	4409	931	128	2913
Circuit panel. Multiple.	H. T. Paiste.	842,110	Jan. 22	4634	994-5	126	1294
Circuit protection. Secondary.	S. Ferguson.	851,739	Apr. 30	6088	1272	127	3275
Circuit-protector.	C. A. Rolfe.	866,735	Sept. 24	3045	859	130	1051
Circuit switch. High-potential.	J. N. Kelman.	874,601	Dec. 24	4705	988-9	131	2021
Circuits. Means for improving the power factor of alternating-current	M. O. Troy.	848,936	Apr. 2	665	133	127	1758
Circuits. Means for nullifying inductive interference between parallel	E. Blakeney.	851,856	Apr. 30	6333	1321	127	3339
Circular-distributor	R. G. Fraser.	846,741	Mar. 12	2054	451	127	552
Circular-distributor	R. G. Fraser.	850,826	Apr. 16	4247	892	127	2744
Cistern-cover	G. Ertel.	843,801	Feb. 12	1900	407	126	2304
Cistern cut-out and rain-water filter.	W. F. Litsinberger.	861,995	July 30	5693	1580	129	2982
Cistern-former	C. A. Mitchell.	850,667	Apr. 16	3956	826-7	127	1673
Cistern-mold	W. B. Dorward.	856,852	June 11	2754	572	128	2424
Cistern screen and filter	S. M. Renn.	863,092	Aug. 13	1599	430	129	2612
Cisterns, &c. Mold for making	C. J. Uible.	863,047	Aug. 13	1517	412	129	2586
Cisterns, sewers, and the like. Form for	G. G. F. Boswell.	859,043	July 2	1139	304	129	387
Citron-peel. Treating	H. Schneider.	848,210	Mar. 26	4993	.....	127	1349
Clam and oyster opening machine	L. H. Carlson.	845,521	Feb. 26	5566	1180	126	3290
Clamp:							
<i>See</i> Anastomotic clamp.	Hose-clamp.						
Arch-clamp.	Hydraulic clamp.						
Bacon-suspension	Insulating-clamp.						
clamp.	Insulator-clamp.						
Ball-cover clamp.	Jar-closure clamp.						
Beam-clamp.	Joiner's clamp.						
Bedclothes-clamp.	Joint-clamp.						
Bench-clamp.	Leather-clamp.						
Building-construction	Miter-clamp.						
clamp.	Molder's-flask clamp.						
Butcher's-block meat-	Overshoe-clamp.						
clamp.	Pail-clamp.						
Cable-clamp.	Pipe-clamp.						
Can-holding clamp.	Printing-plate clamp.						
Carpenter's clamp.	Rail-clamp.						
Clothes-clamp.	Railway-track clamp.						
Clothes-wringer clamp.	Ratchet-clamp.						
Cock-clamp.	Rope-clamp.						
Colter-clamp.	Rope or cable clamp.						
Comb-cementing clamp.	Sash-clamp.						
Corner-clamp.	Sash-cord-clamp.						
Dental clamp.	Saw-clamp.						
Door-clamp.	Screw-clamp.						
Door-holding clamp.	Spectacle-clamp.						
Drum-attachment	Splicing-clamp.						
clamp.	Stove-lining clamp.						
Electric-wire clamp.	Tentering-machine						
Elevator-rope clamp.	clamp.						
Fastening-clamp.	Veneer-clamp.						
Fence-wire clamp.	Vise-clamp.						
Floor-clamp.	Welding-clamp.						
Frame-clamp.	Wheel-clamp.						
Glass-plate-holding	Wire-clamp.						
clamp.	Woodworker's bench-						
Ghing-clamp.	clamp.						
Hitching-strap clamp.	Wringer-clamp.						
Clamp	J. N. Hake.	840,620	Jan. 8	1689	371	126	477
Clamp	L. P. Imhoff.	843,820	Feb. 12	1925	412	126	2310
Clamp	R. Miller.	844,309	Feb. 12	2903	616	126	2553
Clamp	J. C. Adams.	849,354	Apr. 9	1477	300	127	1999
Clamp	J. B. Danforth.	849,980	Apr. 9	2637	551	127	2294
Clamp	A. M. Hewlett and G. F. Van Brunt.	851,661	Apr. 30	5927	1239	127	3232
Clamp	W. B. Ruddick.	852,681	May 7	629	121	128	164
Clamp	H. D. Shear and U. S. Rhoda-barger.	855,989	June 4	1057	219	128	1961
Clamp	D. J. Cyr.	870,419	Nov. 5	875	234-5	131	258
Clamp	M. A. Reare.	872,232	Nov. 26	4434	1053	131	1109
Clamp	B. H. Meese.	874,976	Dec. 31	5485	1146	131	2169
Clamp and spreader. Combined.	J. R. and A. Zeiser.	874,151	Dec. 17	3795	800	131	1840
Clamp-bar	E. Barker.	874,724	Dec. 24	4965	1043	131	2062
Clamp-bar	E. Barker.	874,725	Dec. 24	4966	1043	131	2062
Clamp or grip	H. Petersen.	858,018	June 25	5061	1071	128	3075
Clamp-setting machine	B. A. Grasberger.	848,436	Mar. 26	5457	1189	127	1463
Clamp-setting machine.	B. A. Grasberger.	874,184	Dec. 17	3861	813-14	131	1851
Clamps. Soft-metal gasket for service-	A. Schuermann.	852,682	May 7	631	121	128	164
Clamping device	E. Franke.	851,875	Apr. 30	6366	1328	127	3348
Clamping device	C. L. Stummons.	853,128	May 7	1522	317	128	384
Clamping device	D. M. Dever.	858,965	July 2	1031	271	129	353
Clamping device	W. E. Wood.	865,623	Sept. 10	1362	385	130	445
Clamping device	E. F. Gloeck.	875,344	Dec. 31	6209	1295	131	2286
Clamping-machine	A. L. Johnson.	874,406	Dec. 24	4316	908-9	131	1958
Clamping-ring	J. Clark.	848,969	Apr. 2	722	146	127	1772
Clamping-ring	J. Clark.	849,870	Apr. 9	1498	304-5	127	2004
Clamping-ring	J. Clark.	849,371	Apr. 9	1501	305	127	2050
Clamping-ring	J. Clark.	866,840	Sept. 24	3202	900-1	130	1100
Clamping-ring	J. Clark.	872,892	Dec. 3	1222	260	131	1359
Clamping together pieces of wood. Machine for.	W. Jamieson.	872,428	Dec. 3	236	47	131	1205

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Clarifier	T. Lewicki	853,704	May 14	2697	555	128	728
Clasp:							
<i>See</i> Button and loop clasp.	Garter or the like clasp.						
Chain-clasp.	Hose-supporter clasp.						
Corset-clasp.	Jewelry-clasp.						
Cuff-holder clasp.	Ledger-clasp.						
Eyeglass-clasp.	Necktie-fastener clasp.						
Garment-clasp.	Pencil-clasp.						
Garment-supporter	Pin and brooch clasp.						
clasp.	Spring-clasp.						
Garment-supporting	Suspender-clasp.						
clasp.	Trousers-clasp.						
Garter-clasp.	Umbrella-clasp.						
Clasp	A. H. Cohn	840,750	Jan. 8	1933	425	126	537
Clasp	W. H. Williamson	842,987	Feb. 5	290	63	126	1863
Clasp	J. W. Albin and D. C. Ricketts ..	848,584	Mar. 26	5731	1253	127	1530
Clasp	P. C. Lawless	849,249	Apr. 2	1268	257	127	1912
Clasp	O. Fisher	850,743	Apr. 16	4092	855	127	2704
Clasp	C. C. Wright	850,864	Apr. 16	4333	908	127	2766
Clasp	E. K. Sumnerwell	854,254	May 21	3832	792	128	1051
Clasp	C. H. Phillips	854,430	May 21	4150	860	128	1131
Clasp	A. Rosenthal	857,488	June 18	3969	843	128	2769
Clasp	A. Schuch	865,434	Sept. 10	1045	298	130	347
Clasp	F. W. Seidl	867,162	Sept. 24	3705	1049	130	1256
Clasp	E. Gutmann	867,655	Oct. 8	654	185	130	1533
Clasp	F. Freiman and A. Stevenson	869,774	Oct. 29	4045	1116	130	2650
Clasp	R. Falter	870,617	Nov. 12	1165	317	131	412
Clasp	M. M. Sturm and J. Silverstein ..	873,967	Dec. 17	3379	719	131	1780
Clasp	F. A. Bagnall	874,651	Dec. 24	4813	1010	131	2038
Clasp	C. E. Peterson	875,102	Dec. 31	5729	1194	131	2209
Clasp-knife	N. Sahlsten	852,524	May 7	291	53	128	79
Clasp-knife	J. C. Griswold	868,179	Oct. 15	1494	423	130	1812
Clasp-pin	G. E. Burns	857,867	June 25	4716	1001	128	2988
Classifier	C. W. Merrill	849,153	Apr. 2	1098	221	127	1870
Classifier	S. L. Hague	865,301	Sept. 3	826	238	130	250
Claw, Artificial	W. Grabowsky	875,346	Dec. 31	6213	1295	131	2286
Clay chalk. Treatment of	J. N. Shymanski	859,699	July 9	2137	.....	129	744
Clay-cutter	T. Major	869,098	Oct. 22	2968	820	130	2294
Clay-cutting tool	K. Busch	873,209	Dec. 10	1875	393	131	1494
Clay-mill	T. R. Brittain	840,107	Jan. 1	628	136	126	166
Clay products. Drying-car for	W. R. Cunningham	857,270	June 18	3553	753	128	2666
Clay-screen	J. B. Williamson	842,599	Jan. 29	5728	1210-11	126	1609
Cleaner:							
<i>See</i> Barrel-cleaner.	Gun-cleaner.						
Beer-coil cleaner.	Hypodermic-needle						
Beer-pipe cleaner.	cleaner.						
Blackboard-cleaner.	Intestine-cleaner.						
Boiler-cleaner.	Knife-cleaner.						
Boiler-flue cleaner.	Lawn-cleaner.						
Boiler-tube cleaner.	Paper-cleaner.						
Boiler tube or flue	Pipe-cleaner.						
cleaner.	Pipe and tube cleaner.						
Bolting-cloth cleaner.	Pneumatic cleaner.						
Boot-cleaner.	Porch-cleaner.						
Carding-machine	Pot-cleaner.						
cleaner.	Rail-cleaner.						
Carpet-cleaner.	Razor-blade cleaner.						
Car-window cleaner.	Sewer-pipe cleaner.						
Chimney-cleaner.	Shoe-cleaner.						
Condenser-cleaner.	Sidewalk-cleaner.						
Cotton-cleaner.	Sieve-cleaner.						
Cuspidor-cleaner.	Stovepipe-cleaner.						
Dust-cleaner.	Street-cleaner.						
Engine-boiler cleaner.	Track-cleaner.						
Eraser-cleaner.	Tube-cleaner.						
Eraser-pad cleaner.	Tube and flue cleaner.						
Flue-cleaner.	Type-cleaner.						
Fruit-cleaner.	Vacuum-cleaner.						
Gin-saw cleaner.	Walk-cleaner.						
Grain-cleaner.	Wall-cleaner.						
Grain and seed cleaner.	Well-cleaner.						
Grain-drill cleaner.	Window-cleaner.						
Cleaner and polisher	W. J. M. Hames	846,665	Mar. 12	1918	422	127	518
Cleaner handle. Vacuum	A. P. Cranston	873,300	Dec. 10	2054	429	131	1525
Cleaning and grading apparatus	J. Gaynor	839,925	Jan. 1	249	53-4	126	69
Cleaning and grading machine	F. A. Orton	860,147	July 16	2818	769	129	998
Cleaning and lubricating compound	S. Kem	860,485	July 16	3326	.....	129	1164
Cleaning and polishing compound	H. B. Radford	852,903	May 7	1091	.....	128	279
Cleaning and separating machine	A. T. Hedfeldt	845,870	Mar. 5	280	56	127	72
Cleaning apparatus	A. E. Sadler	849,641	Apr. 9	2028	416	127	2140
Cleaning appliance. Household	W. B. Dunn, Jr., and J. Taylor, Jr.	843,590	Feb. 12	1514	321	126	2204
Cleaning compound	W. J. Barriekman and J. C. Byers.	850,557	Apr. 16	3729	.....	127	2615
Cleaning-cylinder. Rotary	W. M. Krickbaum	843,466	Feb. 5	1233	259	126	2101
Cleaning device	L. O. Howell	857,627	June 25	4251	898	128	2872
Cleaning device	H. Chapman	873,412	Dec. 10	2285	476	131	1563
Cleaning device. Pneumatic	L. O. Howell	862,824	Aug. 6	1192	321	129	2448
Cleaning device. Pneumatic	W. J. Bergens	869,542	Oct. 29	3676	1008	130	2540
Cleaning implement	H. G. Lykken	856,168	June 4	1385	292	128	2042
Cleaning implement	P. R. Cottrell	875,412	Dec. 31	6341	1321-2	131	2308
Cleaning-machine	E. C. Keckelely and A. Kossmann.	871,414	Nov. 19	2677	680	131	805
Cleaning-rod. Thread-tip	A. M. Sheakley	863,762	Aug. 20	2599	719	129	2958
Cleaning system. Vacuum	F. J. Matchette and R. Raddatz.	870,981	Nov. 12	1785	486	131	600
Cleaning systems. Attachment for vacuum	G. Clements and J. M. Hostler ..	847,729	Mar. 19	4043	884	127	1088
Cleansing and drying machine	J. S. Goldsmith	861,647	July 30	5167	1418	129	1825
Cleansing-machine	W. H. Dunn	851,736	Apr. 30	6081	1271	127	3273

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Cleat. Wire.....	J. W. Steele.....	849,930	Apr. 9	2557	530	127	2275
Cleaver and meat-tenderer. Combined.....	F. White.....	849,648	Apr. 9	2040	419	127	2143
Clevis.....	G. H. Darrington.....	854,633	May 21	4519	943	128	1223
Clevis.....	R. H. Sanker.....	859,979	July 16	2555	695	129	909
Clevis.....	G. W. Barnett.....	865,626	Sept. 10	1364	386	130	446
Clevis.....	M. H. Browning.....	866,428	Sept. 17	2583	721	130	871
Clevis.....	L. B. Alger.....	866,555	Sept. 17	2754	771	130	922
Clevis. Interlocking.....	E. J. J. Gregerson.....	840,128	Jan. 1	696	149	126	190
Clevis. Plow.....	M. C. Adkins.....	855,740	June 4	581	119	128	1845
Clevis-support.....	W. Uhrmacher.....	866,829	Sept. 24	3187	896	130	1095
Clip:							
See Book-clip. Pen-clip.							
Cable-holding clip. Pen and pencil clip.							
Can-cover clip. Pen-cap clip.							
Cartridge-clip. Pen or pencil clip.							
Clothes-pin clip. Rail-clip.							
Connecting and spacing clip. Spring-clip.							
Differential clip. Spring-terminal clip.							
Electrical-apparatus clip. Stenter-clip.							
Fence-clip. Switch-clip.							
File-clip. Tag-clip.							
Fuse-clip. Terminal clip.							
Heel-clip. Ticket slide-clip.							
Index-clip. Tire-clip.							
Pad-holding clip. Toe-clip.							
Paper-clip. Trace-clip.							
Whiffletree-clip.							
Wire clip.							
Clip.....	R. W. Roberts.....	850,185	Apr. 16	3023	633	127	2429
Clip.....	F. A. Brownell.....	852,923	May 7	1140	235	128	290
Clip.....	L. H. Porter.....	871,888	Nov. 26	3651	890	131	990
Clip.....	A. W. Ullom.....	874,139	Dec. 17	3772	795	131	1836
Clip-fastener.....	C. R. Snead.....	861,146	July 23	4363	1197	129	1533
Clip for holding papers, clothing, &c.....	F. M. Bulkley.....	850,903	Apr. 23	4420	924	127	2830
Clip or fastener.....	C. E. Wade.....	861,562	July 30	5043	1384	129	1786
Clip or holder.....	J. W. L. Todd.....	867,449	Oct. 1	330	96	130	1416
Clippers.....	G. Bowler.....	847,980	Mar. 19	4576	1005	127	1205
Clipping machines. Device for adjusting the height of the cut in hair.....	R. Klein.....	850,656	Apr. 16	3940	823	127	2669
Clock.....	J. Felheimer.....	845,070	Feb. 26	4673	992-3	126	3066
Clock.....	E. R. Connell.....	846,781	Mar. 12	2139	469-70	127	574
Clock.....	A. H. Hadley and W. L. Gray.....	848,547	Mar. 26	5647	1237	127	1509
Clock.....	A. H. Porter.....	855,130	May 28	5579	1159-60	128	1520
Clock.....	A. S. Peredo.....	859,690	July 9	2123	573	129	740
Clock.....	C. Conwell.....	859,743	July 9	2193	594	129	763
Clock.....	A. C. Ohl.....	862,188	Aug. 6	128	35-6	129	2123
Clock.....	J. C. Burke.....	864,075	Aug. 20	3063	847	129	3100
Clock.....	A. H. Hadley.....	864,533	Aug. 27	3811	1056	129	3365
Clock.....	C. B. Stephens.....	866,533	Sept. 17	2726	672	130	914
Clock.....	F. R. Alford.....	871,019	Nov. 12	1830	500	131	622
Clock-adjuster.....	A. P. Koon.....	866,485	Sept. 17	2660	744	130	895
Clock. Alarm.....	E. E. Stockton and A. H. Porter.....	852,859	May 7	1008	209	128	257
Clock. Alarm.....	P. Lux.....	866,873	Sept. 24	3253	915	130	1114
Clock. Alarm.....	P. Lux.....	869,376	Oct. 29	3411	937	130	2458
Clock. Alarm.....	C. G. Trautman.....	871,900	Nov. 26	3671	895	131	993
Clock. Calendar.....	J. L. Woods.....	845,603	Feb. 26	5709	1210	126	3326
Clock-case.....	C. E. Sanford.....	863,882	Aug. 20	2783	765	129	3015
Clock controlled by reversals of electric current.....	M. Fischer.....	844,010	Feb. 12	2294	491	126	2401
Clock. Electric.....	T. B. Powers.....	853,648	May 14	2576	535	128	694
Clock. Electric.....	F. Hope-Jones.....	871,407	Nov. 19	2652	677-8	131	802
Clock. Electric.....	U. L. Collins.....	874,941	Dec. 31	5407	1130	131	2157
Clock. Electric alarm.....	J. F. Rodgers.....	853,119	May 7	1503	313	128	379
Clock. Electric guest-calling.....	R. C. Dick.....	872,224	Nov. 26	4390	1043-4	131	1101
Clock. Electric self-winding.....	A. Wirsching.....	863,339	Aug. 13	1983	534	129	2734
Clock. Electric self-winding.....	E. Schultz.....	866,076	Sept. 17	2076	579	130	709
Clock. Electrical advertising.....	J. H. Melchers.....	853,710	May 14	2706	558-9	128	730
Clock. Electrically-actuated.....	R. W. Snedberg.....	846,515	Mar. 12	1614	358	127	439
Clock. Electrically-wound.....	A. De Vos.....	872,909	Dec. 3	1244	265	131	1362
Clock-escapement.....	M. Schucht.....	851,034	Apr. 23	4646	975	127	2885
Clock for induction-currents. Electric sympathetic or secondary.....	M. Fischer.....	844,009	Feb. 12	2292	491	126	2400
Clock. Geographical.....	P. G. Connor.....	862,884	Aug. 13	1284	348	129	2512
Clock-key.....	A. H. Porter.....	872,971	Dec. 3	1365	288	131	1382
Clock-movement.....	C. T. McClintock.....	854,518	May 21	4307	891	128	1171
Clock. Program.....	D. H. Leas.....	865,598	Sept. 10	1314	373	130	428
Clock regulator. Pendulum.....	W. E. Porter.....	841,440	Jan. 15	3307	715	126	930
Clock. Repeating alarm.....	W. S. Hawthorne.....	855,775	June 4	644	132	128	1859
Clock. Secondary electric.....	W. S. Guthrie.....	855,002	May 28	5294	1100	128	1450
Clock. Secondary electric.....	R. L. Hight.....	861,980	July 30	5675	1575	129	1976
Clock. Self-winding.....	A. F. Poole.....	868,581	Oct. 15	2151	603	130	2016
Clock. Self-winding electric.....	M. Juruck.....	855,249	May 28	5803	1209	128	1580
Clock. Self-winding electric.....	C. W. Wagner.....	868,587	Oct. 15	2169	606	130	2023
Clock. Self-winding electric.....	A. F. Poole.....	868,696	Oct. 22	2357	653-4	130	2106
Clock. Time-limit.....	W. E. Porter.....	847,689	Mar. 19	3975	868	127	1064
Clock. Tower.....	E. Rowe.....	872,200	Nov. 26	4324	1032-3	131	1093
Clock. Watchman's.....	O. E. Hausburg.....	845,951	Mar. 5	458	95-6	127	118
Clock. Watchman's.....	R. D. Vogelmann.....	857,502	June 18	4001	852	128	2778
Clock winding-indicator.....	H. W. Bechtel.....	854,868	May 28	5028	1045	128	1382
Clock winding mechanism. Self-winding-electric.....	H. W. Porter.....	842,971	Feb. 5	255	56	126	1853
Clock. Workman's.....	C. L. Goughmour.....	871,087	Nov. 12	1938	531	131	656
Clocks and the like. Motion-work for.....	H. V. Knight.....	868,872	Oct. 22	2623	725	130	2186
Clocks and watches to changes in temperature. Adjusting.....	S. Kahan.....	850,887	Apr. 16	4375	917	127	2778
Clocks. Balance-wheel for.....	H. D. Gardiner.....	850,920	Apr. 23	4446	930	127	2835
Clockwork for recording instruments.....	F. A. Jones.....	867,732	Oct. 8	764	214	130	1566
Clockworks. Spring-attaching means for.....	J. S. Kirstein.....	863,725	Aug. 20	2536	700	129	2939

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Clod-crusher.....	C. J. Davis.....	848,977	Apr. 2	733	149	127	1774
Clod-fender.....	M. L. Harris.....	850,574	Apr. 16	3763	786	127	2624
Clod-fender adjuster.....	T. F. and L. C. McCarty.....	857,095	June 18	3234	680	128	2584
Cloisonné designs. Making decorative.....	T. Pfister.....	864,387	Aug. 27	3544	985	129	3278
Closet:							
See Dry closet. Sanitary closet.							
Flushing-closet. Water-closet.							
Closet.....	C. E. Routh.....	864,994	Sept. 3	366	98	130	117
Closet attachment.....	F. M. Jacob.....	856,468	June 11	2041	419	128	2246
Closet-bowl.....	W. H. Lloyd.....	851,679	Apr. 30	5962	1246	127	3251
Closet-bowl and sink connection.....	J. M. Hayden.....	854,695	May 21	4657	971	128	1258
Closet-bowls. Waste-pipe connection for.....	H. J. Luff.....	846,929	Mar. 12	2446	536	127	651
Closet-cisterns. Siphon-valve for.....	N. B. Johnson.....	873,945	Dec. 17	3333	710	131	1773
Closet-seat.....	H. Michael.....	847,678	Mar. 19	3944	860	127	1056
Closet-seat.....	R. McCord and C. O. Cunningham.....	848,043	Mar. 26	4724	1030	127	1280
Closet-seat.....	P. J. Pauly, Jr.....	848,200	Mar. 26	4977	1088	127	1344
Closet-seat.....	H. Farley.....	848,229	Mar. 26	5029	1099	127	1358
Closet-seat.....	W. F. Till and J. C. Newton.....	850,505	Apr. 16	3636	760	127	2590
Closet-seat.....	F. H. Lindenberg.....	870,833	Nov. 12	1535	421	131	530
Closet-space. Attachment intended to save.....	T. Tryon.....	842,821	Jan. 29	6192	1308	126	1722
Closet-tank.....	F. H. Lindenberg.....	870,832	Nov. 12	1534	421	131	530
Closet-tank. Cement.....	J. A. Washick.....	859,418	July 9	1712	456	129	607
Closing device.....	C. Gause and P. Conrady.....	858,594	July 2	402	104	129	144
Closure.....	F. H. Palmer.....	856,903	June 11	2847	594	128	2447
Closure for containing vessels.....	J. Brenzinger.....	865,008	Sept. 3	387	105	130	121
Closure. Valved.....	G. Demacacos.....	844,332	Feb. 19	2962	632	126	2607
Closures. Fastener for edgewise-moving.....	D. Schuyler.....	867,537	Oct. 1	472	136	130	1460
Cloth, &c. Apparatus for doubling.....	J. Fish.....	855,881	June 4	848	176	128	1908
Cloth-biasing machine.....	F. Voland and A. Marchand.....	848,416	Mar. 26	5421	1182	127	1455
Cloth-cutting machine.....	J. B. Gury.....	840,767	Jan. 8	1965	432	126	545
Cloth-cutting machine.....	W. H. King.....	841,325	Jan. 15	3092	668-9	126	875
Cloth-cutting machine.....	C. L. Bryan.....	846,777	Mar. 12	2128	467	127	572
Cloth-cutting machine.....	J. B. Gury.....	850,927	Apr. 23	4463	933-4	127	2838
Cloth-cutting machine.....	J. B. Gury.....	850,928	Apr. 23	4465	934	127	2839
Cloth-cutting machine.....	G. L. Ballard.....	861,793	July 30	5402	1489	129	1893
Cloth-cutting machine.....	A. Bosshard.....	867,944	Oct. 15	1151	317	130	1707
Cloth-cutting machine.....	F. J. Clark.....	869,419	Oct. 29	3480	956	130	2480
Cloth-cutting machine.....	G. L. Ballard.....	873,285	Dec. 10	2015	422	131	1519
Cloth-cutting machine. Electric.....	E. M. Waring.....	858,692	July 2	574	148-9	129	199
Cloth-cutting machine. Electrical.....	E. M. Waring.....	863,956	Aug. 20	2896	797	129	3051
Cloth. Manufacture of.....	T. N. Burberry.....	863,780	Aug. 20	2627	727	129	2967
Cloth-pressing buck.....	J. Ecker.....	843,332	Feb. 5	1010	208	126	2045
Cloth-pressing-machine buck.....	J. Ecker.....	843,331	Feb. 5	1009	207	126	2045
Cloth-shrinking machine.....	C. W. Fenner.....	873,224	Dec. 10	1897	397-8	131	1498
Cloth-shrinking machine.....	A. Bloch.....	873,656	Dec. 10	2742	581-2	131	1644
Cloth splitting and rewinding machine.....	S. B. Cohen.....	868,761	Oct. 22	2458	679-80	130	2136
Cloth-steaming apparatus.....	E. Senkbeil.....	858,032	June 25	5082	1076	128	3080
Cloth. Treating.....	S. Hermann.....	855,708	June 4	502	105	128	1823
Clothes-clamp.....	T. W. De Laughter.....	847,046	Mar. 12	2666	587	127	705
Clothes-drainer.....	J. C. Bliemeister.....	863,776	Aug. 20	2619	725	129	2964
Clothes-drainer.....	F. P. Sager.....	871,449	Nov. 19	2751	694	131	816
Clothes-drier.....	C. Stueben.....	840,803	Jan. 8	2039	451	126	563
Clothes-drier.....	A. F. Poggi.....	842,490	Jan. 29	5500	1164	126	1557
Clothes-drier.....	W. S. Morgan.....	845,248	Feb. 26	5021	1068	126	3157
Clothes-drier.....	J. Curry.....	845,398	Feb. 26	5334	1131-2	126	3232
Clothes-drier.....	R. N. West.....	851,462	Apr. 23	5508	1153	127	3098
Clothes-drier.....	F. Müller.....	853,257	May 14	1793	373	128	458
Clothes-drier.....	J. S. Bougher.....	857,714	June 25	4421	934	128	2916
Clothes-drier.....	E. G. Smith.....	859,985	July 16	2579	702-3	129	916
Clothes-drier.....	E. A. Thornton.....	864,575	Aug. 27	3881	1077	129	3386
Clothes-drier.....	T. Dittmanson.....	867,646	Oct. 8	642	181-2	130	1530
Clothes-drier.....	S. E. Wilson.....	869,673	Oct. 29	3902	1073	130	2609
Clothes-drier.....	F. B. Weitershausen.....	874,902	Dec. 24	5281	1113	131	2118
Clothes-drier. Folding.....	D. Sherlock.....	844,962	Feb. 19	4442	949	126	2968
Clothes-drying device.....	A. M. Bullock.....	854,267	May 21	3852	796	128	1056
Clothes-drying frame.....	G. S. Stebbins.....	840,267	Jan. 1	961	209	126	260
Clothes-drying reels. Lifting device for.....	J. G. Wendling.....	858,126	June 25	5278	1121	128	3132
Clothes-hanger.....	M. L. Schoonmaker.....	843,633	Feb. 12	1603	339	126	2228
Clothes-hanger.....	O. F. Grant.....	848,738	Apr. 2	227	47	127	1647
Clothes-hanger.....	E. O. Fellroth.....	855,295	May 28	5882	1226	128	1600
Clothes-hanger.....	M. Crane.....	857,602	June 25	4202	888	128	2858
Clothes-hanger.....	E. G. Smith.....	859,986	July 16	2580	703	129	918
Clothes-hanger.....	C. W. Wallis.....	861,923	July 30	5584	1542	129	1948
Clothes-hanger support.....	C. Frankel.....	842,193	Jan. 29	4844	1033	126	1381
Clothes-holder.....	A. H. Beatty.....	859,726	July 9	2172	587	129	756
Clothes-horse. Collapsible.....	J. Himmel.....	872,235	Nov. 26	4406	1047	131	1104
Clothes-lifter.....	G. A. Shaw.....	874,547	Dec. 24	4605	967	131	2002
Clothes-line.....	B. A. Brunner.....	842,760	Jan. 29	6089	1284	126	1698
Clothes-line.....	E. Merrifield.....	851,543	Apr. 23	5663	1186	127	3136
Clothes-line.....	J. R. Davidson.....	868,536	Oct. 15	2075	582	130	1987
Clothes-line apparatus.....	G. A. Demarest.....	842,085	Jan. 22	4585	986	126	1282
Clothes-line bracket.....	J. D. Schmidt.....	871,638	Nov. 19	3122	775	131	877
Clothes-line fastener.....	L. C. A. Denlea.....	849,983	Apr. 9	2639	551	127	2294
Clothes-line fastener.....	C. G. Thompson.....	864,937	Sept. 3	273	73	130	87
Clothes-line hanger.....	B. J. Lee.....	850,235	Apr. 16	3118	652	127	2455
Clothes-line hanger.....	F. W. Steuer.....	854,611	May 21	4483	935	128	1214
Clothes-line holder.....	L. Willour.....	842,988	Feb. 5	291	63	126	1863
Clothes-line holder.....	W. H. Fitzhugh and J. W. Love-lace.....	864,636	Aug. 27	3970	1101	129	3412
Clothes-line holder.....	H. Falvey.....	867,027	Sept. 24	3490	988	130	1189
Clothes-line hook.....	A. H. and A. J. J. de Beaumont.....	873,488	Dec. 10	2420	508	131	1588
Clothes-line. Pinless.....	A. C. Hook and R. P. Robinson.....	850,227	Apr. 16	3107	650	127	2452
Clothes-line poles. Device for holding.....	E. D. Coventry and J. W. Archer.....	849,054	Apr. 2	882	180	127	1812
Clothes-line prop.....	R. I. Williams and E. F. Seacrist.....	856,994	June 11	3019	635	128	2490
Clothes-line prop.....	W. F. Briggs.....	866,574	Sept. 17	2782	778	130	932
Clothes-line prop.....	W. F. Briggs.....	866,575	Sept. 17	2783	778	130	932

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Clothes-line prop.	W. F. Briggs.	866,576	Sept. 17	2784	779	130	933
Clothes-line prop.	F. M. White.	870,752	Nov. 12	1412	383	131	490
Clothes-line prop and holder.	A. B. Greer.	852,602	May 7	462	85	128	123
Clothes-line pulley.	R. Alpin.	345,388	Feb. 26	5317	1128	126	3229
Clothes-line reel.	J. P. Thorn.	841,907	Jan. 22	4256	917	126	1204
Clothes-line reel.	C. D. Dittman.	856,684	June 11	2455	505	128	2350
Clothes-line reel.	N. Erzig.	859,808	July 9	2287	623	129	794
Clothes-line reel.	H. C. Harness.	859,812	July 9	2293	624	129	796
Clothes-line reel.	J. A. Levine.	860,551	July 16	3419	940	129	1195
Clothes-line reel.	R. Murchison.	870,245	Nov. 5	583	157	131	191
Clothes-line reel.	F. Shaffer.	870,475	Nov. 5	955	261	131	310
Clothes-line reel.	W. Moeller.	872,838	Dec. 3	1098	230	131	1339
Clothes-line stretcher.	C. R. Fish.	870,944	Nov. 12	1725	472	131	589
Clothes-line support.	C. A. Enggren.	842,188	Jan. 29	4837	1032	126	1380
Clothes-line support.	E. H. Muse.	845,702	Feb. 26	5919	1250	126	3378
Clothes-line support.	J. H. Ruehmiling.	849,428	Apr. 9	1606	325	127	2034
Clothes-line support.	F. X. Roch and A. O. Bonnin.	853,599	May 14	2467	514	128	666
Clothes-line support.	F. Clark.	854,568	May 21	4409	915	128	1196
Clothes-line support.	J. Lynch.	865,923	Sept. 10	1828	511	130	601
Clothes-line support. Adjustable.	A. Z. Boudreaux.	862,700	Aug. 6	992	285	129	2389
Clothes-line support and holder.	L. Windt and G. Matlika.	849,876	Apr. 9	2472	508	127	2254
Clothes-line windlass.	W. C. Manning.	866,206	Sept. 17	2255	629	130	765
Clothes-pin.	S. Pasqualini.	847,106	Mar. 12	2776	613	127	731
Clothes-pin.	P. W. Burleson.	847,313	Mar. 19	3176	698	127	860
Clothes-pin.	A. W. Bunch.	858,792	July 2	743	196	129	255
Clothes-pin.	J. A. Freeze.	859,648	July 9	2064	557	129	721
Clothes-pin.	C. W. Ott.	859,689	July 9	2122	573	129	740
Clothes-pin.	J. P. Marshall.	862,745	Aug. 6	1070	288	129	2410
Clothes-pin.	D. F. Kay, Jr.	866,141	Sept. 17	2164	603	130	736
Clothes-pin.	W. E. Faulkingham.	867,489	Oct. 1	392	112	130	1435
Clothes-pin.	E. J. Conrad.	869,886	Nov. 5	12	4	131	6
Clothes-pin.	J. W. Lewis.	870,040	Nov. 5	262	72	131	90
Clothes-pin.	W. D. Watkins.	870,703	Nov. 12	1316	360	131	463
Clothes-pin.	J. N. Cooke and J. C. Moeller.	874,660	Dec. 24	4826	1013	131	2041
Clothes-pin bag.	I. S. Vanderbilt, Jr.	844,636	Feb. 19	3806	805	126	2806
Clothes-pin clip.	M. O. Winkler.	873,820	Dec. 17	3086	658	131	1732
Clothes-pin machine.	L. D. Neifer.	853,823	May 14	2947	604-5	128	789
Clothes-pounder.	J. A. Vallée.	860,345	July 16	3113	851	129	1093
Clothes-pounder.	J. Fleming.	866,120	Sept. 17	2138	595	130	729
Clothes-pounder. Atmospheric.	S. D. Griffith.	874,066	Dec. 17	3646	766	131	1813
Clothes-press and wardrobe.	J. L. Gideon.	855,628	June 4	352	72	128	1784
Clothes-prop. Adjustable.	H. H. Haas.	866,199	Sept. 17	2245	626	130	762
Clothes-rack.	E. M. Palmer.	840,512	Jan. 8	1469	324	126	421
Clothes-rack.	W. S. Mathers.	845,245	Feb. 26	5018	1067	126	3156
Clothes-rack.	C. W. Breninger.	858,566	July 2	342	85	129	123
Clothes-rack.	A. J. Keegan.	860,808	July 23	3837	1052	129	1362
Clothes-rack.	D. A. Leonard.	866,489	Sept. 17	2665	745	130	896
Clothes-rack.	J. A. Newman.	868,112	Oct. 15	1412	397	130	1787
Clothes-rack.	G. C. Potter.	868,477	Oct. 15	1981	552	130	1959
Clothes-rack. Folding.	D. Sherlock.	841,058	Jan. 8	2538	554	126	689
Clothes-rack. Locking.	P. H. Knowlton and L. Williams.	863,726	Aug. 20	2537	701	129	2939
Clothes-reel. Folding.	W. H. Richmond.	848,049	Mar. 26	4733	1032	127	1283
Clothes-stick and catcher.	A. Thueson.	874,711	Dec. 24	4931	1036	131	2057
Clothes-supporter.	A. J. Cavana.	871,673	Nov. 19	3181	789	131	888
Clothes to lines. Device for securing.	R. Wylie.	859,421	July 9	1715	457	129	609
Clothes-washer.	I. D. Buck.	867,873	Oct. 8	996	283	130	1637
Clothes-wringer.	G. A. Paddock.	863,748	Aug. 20	2575	712	129	2950
Clothes-wringer clamp.	G. H. Jantz.	850,584	Apr. 16	3784	789	127	2629
Clover-buncher.	A. C. Funk and C. E. Mickle.	840,615	Jan. 8	1681	368-9	126	474
Clover-huller stemmer.	L. E. Snyder.	864,491	Aug. 27	3702	1032	129	3332
Clover-hullers. Stone and grit separator for.	C. M. Follett.	855,625	June 4	349	71	128	1783
Cluster-socket.	J. H. Dale.	846,912	Mar. 12	2406	529	127	641
Cluster-socket.	G. A. Harter.	854,493	May 21	4267	882-3	128	1161
Clutch.	W. J. Hilliard.	839,844	Jan. 1	75	18-19	126	22
Clutch.	W. A. E. Henrici.	840,847	Jan. 8	2113	466-7	126	580
Clutch.	E. J. Downey and J. A. Davis.	842,533	Jan. 29	5586	1182	126	1574
Clutch.	T. J. Fay and J. M. Ellsworth.	842,640	Jan. 29	5812	1227-8	126	1631
Clutch.	F. Starr.	842,841	Jan. 29	6241	1317	126	1734
Clutch.	J. A. Russell.	844,407	Feb. 19	3111	667	126	2642
Clutch.	J. C. Dawson.	844,443	Feb. 19	3173	684	126	2658
Clutch.	H. Jezler.	845,094	Feb. 26	4730	1003	126	3082
Clutch.	W. R. May.	845,879	Mar. 5	309	62	127	80
Clutch.	M. H. Avery.	846,178	Mar. 5	929	196	127	235
Clutch.	A. J. Morse.	849,487	Apr. 9	1749	354	127	2069
Clutch.	J. C. Potter and J. Johnston.	849,697	Apr. 9	2120	436	127	2163
Clutch.	W. H. Klocke.	850,164	Apr. 16	2976	624	127	2416
Clutch.	C. M. Spencer.	850,854	Apr. 16	4313	905	127	2761
Clutch.	W. J. Hands.	351,986	Apr. 30	6595	1374	127	3405
Clutch.	A. Vivinus.	852,045	Apr. 30	6754	1404	127	3446
Clutch.	E. Huber.	852,956	May 7	1199	247	128	305
Clutch.	B. F. Reichenberger.	854,529	May 21	4328	895	128	1175
Clutch.	W. R. McKeen, Jr.	855,524	June 4	155	30-1	128	1734
Clutch.	C. W. Sponsel.	855,867	June 4	824	172	128	1903
Clutch.	P. E. Welton.	855,915	June 4	924	191	128	1927
Clutch.	W. H. MacDonald.	856,971	June 11	2971	622	128	2479
Clutch.	T. W. Sheppard.	858,915	July 2	944	246	129	324
Clutch.	C. W. Sponsel.	859,023	July 2	1111	295	129	379
Clutch.	H. A. Williams.	860,590	July 16	3485	958	129	1216
Clutch.	J. C. Dawson.	861,816	July 30	5438	1498	129	1904
Clutch.	F. H. and J. D. Bachman.	865,154	Sept. 3	592	166	130	180
Clutch.	E. E. Wright.	865,469	Sept. 10	1102	314	130	364
Clutch.	S. C. Anker-Holth.	866,765	Sept. 24	3093	871	130	1067
Clutch.	V. J. Wahlstrom.	870,206	Nov. 5	524	143	131	171
Clutch.	W. R. Warren.	870,263	Nov. 5	612	164	131	200
Clutch.	P. Daniel.	871,033	Nov. 12	1849	507	131	628
Clutch.	W. W. Sly.	873,102	Dec. 10	1674	349	131	1461

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Clutch.	O. Tornfelt.	874,259	Dec. 17	4010	847	131	1876
Clutch.	T. J. Butler.	874,388	Dec. 24	4274	901	131	1951
Clutch and change-speed device. Hydraulic.	L. M. J. C. Levavasseur.	859,087	July 2	1194	322	129	404
Clutch and drum.	J. D. Maxwell.	864,016	Aug. 20	2972	820	129	3074
Clutch and transmission device. Hydraulic.	C. H. Tingley.	868,304	Oct. 15	1711	482	130	1878
Clutch. Automatic.	W. Cooper.	842,629	Jan. 29	5792	1223	126	1626
Clutch. Automatic.	W. Cooper.	842,630	Jan. 29	5795	1223-4	126	1626
Clutch. Automatic.	M. J. L. Towler.	852,587	May 7	440	80	128	117
Clutch. Centrifugal.	J. Fellows.	846,193	Mar. 5	961	203-4	127	244
Clutch-controlled elevator.	H. H. Cutler.	844,661	Feb. 19	3863	819-20	126	2821
Clutch-controlling mechanism.	A. H. Ehle.	871,578	Nov. 19	3016	751-2	131	859
Clutch-coupling for shafts. Automatic.	J. F. Thomas.	849,288	Apr. 2	1341	271	127	1930
Clutch coupling. Friction.	H. H. Benn.	840,742	Jan. 8	1922	423	126	534
Clutch device.	T. L. and T. J. Sturtevant.	865,450	Sept. 10	1071	306	130	355
Clutch device for agricultural machines.	L. A. Aspinwall.	852,921	May 7	1136	234	128	289
Clutch device for automobiles.	C. E. Carpenter.	855,501	June 4	114	23	128	1723
Clutch. Electric.	N. S. Harter.	870,166	Nov. 5	448	123-4	131	147
Clutch. Fluid-actuated.	B. M. W. Hanson.	847,572	Mar. 19	3700	816	127	994
Clutch. Fluid-controlled.	J. G. Leyner.	875,192	Dec. 31	5907	1231	131	2239
Clutch. Fluid-pressure.	E. G. Shortt.	871,243	Nov. 19	2285	598	131	746
Clutch for automobiles and other purposes.	M. H. Cormack.	857,032	June 18	3098	654	128	2550
Clutch for automobiles and other purposes. Friction.	M. F. McMahon.	851,956	Apr. 30	6542	1363	127	3392
Clutch for automobiles. Driving.	C. Wendorff.	865,666	Sept. 10	1418	401-2	130	463
Clutch for belt-pulleys.	A. Luke.	848,183	Mar. 26	4947	1080	127	1336
Clutch for centrifugal machines.	G. Holmgren.	853,454	May 14	2181	453	128	593
Clutch for counter-shafts.	I. M. Foster.	852,057	Apr. 30	6774	1410	127	3461
Clutch for door-operating mechanisms. Safety.	C. A. Lindström.	865,714	Sept. 10	1490	421	130	484
Clutch for pencil-holders, &c.	A. A. Bowers.	864,825	Sept. 3	92	26	130	30
Clutch. Friction.	R. Iluff.	840,626	Jan. 8	1698	373	126	479
Clutch. Friction.	J. W. Brown.	840,687	Jan. 8	1799	397	126	503
Clutch. Friction.	S. Upton.	840,882	Jan. 8	2191	483	126	600
Clutch. Friction.	W. H. Corbett.	841,230	Jan. 15	2901	630	126	825
Clutch. Friction.	A. Hérisson.	841,520	Jan. 15	3471	748-9	126	974
Clutch. Friction.	R. C. Nugent.	841,564	Jan. 15	3537	765	126	991
Clutch. Friction.	N. W. Baechle.	841,659	Jan. 22	3738	812	126	1072
Clutch. Friction.	A. Master.	843,288	Feb. 5	933	189	126	2028
Clutch. Friction.	W. F. Rothe.	846,350	Mar. 5	1252	275	127	315
Clutch. Friction.	C. H. Erickson and J. P. Nystrom.	846,654	Mar. 12	1899	418	127	514
Clutch. Friction.	B. M. W. Hanson.	847,575	Mar. 19	3707	817	127	996
Clutch. Friction.	S. Lake.	848,379	Mar. 26	5349	1164	127	1434
Clutch. Friction.	S. Lake.	848,380	Mar. 26	5351	1165-6	127	1435
Clutch. Friction.	E. R. Whitney.	853,849	May 14	2992	615	128	799
Clutch. Friction.	C. C. Jacobs. (Reissue).	12,657	June 4	1438	303	128	2055
Clutch. Friction.	C. J. Gadd.	856,692	June 11	2466	507	128	2352
Clutch. Friction.	C. Wüst-Kunz.	857,970	June 25	4955	1047	128	3050
Clutch. Friction.	O. A. Johansson.	860,096	July 16	2746	749	129	972
Clutch. Friction.	A. E. Gagnon.	860,654	July 23	3610	989	129	1290
Clutch. Friction.	J. W. Leonard and H. E. Brown.	861,131	July 23	4343	1190	129	1527
Clutch. Friction.	C. E. Rhorer.	861,482	July 30	4919	1350-1	129	1745
Clutch. Friction.	H. J. Hass, F. P. Nehrbaas, and J. R. Short.	863,064	Aug. 13	1544	418	129	2596
Clutch. Friction.	N. M. Powell.	863,639	Aug. 20	2425	667	129	2903
Clutch. Friction.	N. M. Powell.	863,640	Aug. 20	2428	667	129	2904
Clutch. Friction.	A. Master.	863,864	Aug. 20	2758	758-9	129	3008
Clutch. Friction.	J. F. Harrison.	867,502	Oct. 1	414	118	130	1444
Clutch. Friction.	A. Oskamp.	870,642	Nov. 12	1222	331	131	433
Clutch. Friction.	W. J. Hilliard.	872,062	Nov. 26	4056	972	131	1047
Clutch. Friction.	E. Sprung.	873,910	Dec. 17	3264	697	131	1762
Clutch. Friction.	J. S. Losch.	874,605	Dec. 24	4714	990-1	131	2022
Clutch. Hydraulic.	B. T. L. Thomson.	848,510	Mar. 26	5591	1221-2	127	1494
Clutch. Hydraulic.	A. J. Fippard.	866,926	Sept. 24	3333	942	130	1139
Clutch. Interlocking friction.	F. B. Smith.	862,116	July 30	5897	1633	126	2045
Clutch. Magnetic.	A. W. Saville.	845,126	Feb. 26	4790	1015	126	3099
Clutch. Magnetic.	A. Pick.	854,107	May 21	3546	732	128	975
Clutch. Magnetic.	L. D. Rowell.	859,523	July 9	1855	499-500	129	655
Clutch means for intermittently rotating a reciprocating part.	M. C. White and O. C. Duryea.	855,683	June 4	459	97	128	1813
Clutch. Mechanical.	R. F. Whitney.	860,002	July 16	2616	711	129	990
Clutch. Mechanical.	J. D. Taylor.	870,912	Nov. 12	1657	456	131	569
Clutch mechanism.	J. and F. Doecker.	846,733	Mar. 12	2034	447	127	547
Clutch mechanism.	M. I. Rosenthal.	849,087	Apr. 2	948	193-4	127	1829
Clutch mechanism.	T. L. Carbone.	851,797	Apr. 30	6196	1294	127	3303
Clutch mechanism.	R. E. Northway.	852,798	May 7	871	177	128	222
Clutch mechanism.	H. C. Lyle.	855,193	May 28	5699	1186	128	1552
Clutch mechanism.	W. J. Hagman.	857,393	June 18	3786	802	128	2724
Clutch mechanism.	W. E. Elliott.	858,801	July 2	769	201	129	270
Clutch mechanism.	F. G. Jahn.	861,366	July 30	4735	1294	129	1690
Clutch mechanism.	B. M. W. Hanson.	865,302	Sept. 3	827	239	130	250
Clutch mechanism.	P. Jenness.	869,713	Oct. 29	3954	1091	130	2623
Clutch mechanism.	J. Hartness.	870,288	Nov. 5	650	174-5	131	212
Clutch mechanism.	C. T. Painter.	870,381	Nov. 5	822	218	131	270
Clutch mechanism.	W. R. McKeen, Jr.	874,419	Dec. 24	4345	914	131	1963
Clutch mechanism. Fluid.	R. M. Brown.	864,724	Aug. 27	4112	1141-2	129	3457
Clutch mechanism for automobile-drives.	F. F. Schauweker and R. E. Robeson.	855,137	May 28	5589	1162	128	1523
Clutch mechanism for dumb-waiters and the like.	A. Svenson.	852,469	May 7	173	30	128	52
Clutch mechanism. Friction.	G. L. Brown.	853,676	May 14	2627	545	128	708
Clutch. Motor.	H. A. Balcome.	860,116	July 16	2770	756	129	979
Clutch-operating device.	H. B. Camp.	861,805	July 30	5423	1494-5	129	1899
Clutch-operating mechanism.	J. S. Detrick.	843,076	Feb. 5	481	102	126	1917
Clutch-operating mechanism.	C. W. Hamann.	843,453	Feb. 5	1205	254	126	2092
Clutch-operating mechanism.	M. Altstock.	866,707	Sept. 24	2993	849	130	1025
Clutch-operating mechanism.	J. P. Karr and J. D. Rauch.	867,137	Sept. 24	3652	1038	130	1236
Clutch or brake mechanism.	J. Laidlaw and J. W. Macfarlane.	840,223	Jan. 1	881	190	126	239
Clutch. Power-transmission.	C. C. Tillotson.	850,981	Apr. 23	4548	953	127	2859
Clutch. Power-transmission.	C. C. Tillotson.	872,481	Dec. 3	350	72	131	1222

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Clutch. Pulley.....	M. and C. Skogstad.....	842,587	Jan. 29	5683	1203	126	1598
Clutch. Stay-bolt.....	W. Jones.....	854,169	May 21	3663	757	128	1004
Clutch-throwing mechanism.....	A. H. Fetters.....	844,273	Feb. 12	2822	601-2	126	2533
Clutches. Cooling device for friction.....	J. H. B. Bryan.....	872,607	Dec. 3	602	127	131	1261
Clutches. Means for operating log-haul.....	F. P. Quinn.....	850,250	Apr. 16	3144	658	127	2462
Clutches. Shifting and locking mechanism for friction band.....	J. P. Karr and J. D. Rauch.....	866,282	Sept. 17	2374	600	130	804
Clutches. Shipping device for friction.....	C. J. Moore.....	868,108	Oct. 15	1407	395	130	1786
Clutching device.....	D. E. Krause.....	844,730	Feb. 19	4012	855	126	2858
Clutching device.....	F. Bailey and F. H. Jackson.....	854,139	May 21	3609	744	128	990
Coaches. Skirt-guard for baby.....	M. L. Fiske and J. R. Smith.....	849,839	Apr. 9	2397	489	127	2235
Coal and other minerals. Means for loading and unloading.....	C. Burnett.....	845,217	Feb. 26	4961	1055-6	126	3141
Coal at sea. Device for taking in.....	H. O. Adam.....	840,099	Jan. 1	614	133	126	162
Coal-bin.....	A. H. Koch.....	843,895	Feb. 12	2079	445	126	2347
Coal-cabinet.....	R. R. Faulkner.....	869,355	Oct. 29	3380	930	130	2449
Coal. Coking.....	S. B. Sheldon.....	846,958	Mar. 12	2497	550-1	127	664
Coal. Coking.....	S. B. Sheldon.....	855,069	May 28	5445	1129-30	128	1490
Coal-crusher.....	M. F. Williams.....	850,988	Apr. 23	4558	955	127	2862
Coal-cutting machine.....	F. Stiepel.....	854,612	May 21	4484	935	128	1214
Coal-cutting machine.....	J. Lippis.....	862,831	Aug. 6	1205	324	129	2452
Coal-cutting machine.....	J. Lippis.....	862,832	Aug. 6	1206	324-5	129	2453
Coal-cutting machine.....	A. Hopkinson.....	871,592	Nov. 19	3034	756	131	863
Coal-cutting machine.....	H. L. Smith.....	872,765	Dec. 3	936	194-5	131	1315
Coal-drill.....	J. Katulka.....	844,872	Feb. 19	4291	916	126	2931
Coal-drill.....	J. S. Surbaugh.....	862,525	Aug. 6	715	192	129	2308
Coal-drill.....	B. V. Gilmore.....	870,281	Nov. 5	641	171	131	207
Coal-drill-supporting frame.....	W. H. Clarkson.....	873,019	Dec. 10	1503	314	131	1433
Coal-dust for making metallurgical coke or other kinds of coke. Utilizing close-burning.....	G. de Velna.....	847,134	Mar. 12	2819	.....	127	742
Coal-handling apparatus.....	W. F. Klemp.....	858,076	June 25	5180	1097-8	128	3107
Coal-handling apparatus.....	J. M. McClellon.....	869,929	Nov. 5	75	22-4	131	25
Coal-handling bridge.....	C. S. Williamson.....	858,314	June 25	5609	1200-1	128	3215
Coal-handling device.....	E. E. Barrett.....	870,609	Nov. 12	1155	315	131	408
Coal-hod.....	G. J. Duffett.....	844,714	Feb. 19	3981	846	126	2850
Coal-hod.....	G. J. Duffett.....	844,856	Feb. 19	4260	908	126	2924
Coal-hoist. Electrically-operated.....	C. T. Henderson and N. C. Bassett.....	873,312	Dec. 10	2080	434-5	131	1529
Coal-hoisting apparatus.....	A. Suck.....	863,668	Aug. 20	2463	678-9	129	2914
Coal, ore, and the like. Machinery for handling.....	J. Campbell.....	864,407	Aug. 27	3570	992-3	129	3287
Coal, ore, &c. Machinery for handling.....	C. C. King.....	865,913	Sept. 10	1814	505-6	130	597
Coal-piling apparatus.....	C. Piez.....	852,238	Apr. 30	7104	1486	127	3534
Coal screening and grading apparatus.....	J. Rapp.....	846,140	Mar. 5	866	181	127	221
Coal-tar pitch. Producing.....	J. F. Lovejoy.....	875,196	Dec. 31	5914	.....	131	2240
Coal-tipple.....	J. S. Pates.....	840,248	Jan. 1	924	202	126	251
Coal-tipple.....	J. J. Fleming.....	849,113	Apr. 2	1010	204	127	1846
Coal-tipple.....	J. S. Pates.....	863,313	Aug. 13	1942	524	129	2719
Coal-tipple.....	J. S. Pates.....	863,314	Aug. 13	1943	525	129	2719
Coal-tipples. Screen-scraper for.....	W. E. Thoenen.....	858,312	June 25	5606	1199-1200	128	3214
Coal-washer.....	W. M. Duncan.....	841,382	Jan. 15	3209	692	126	905
Coal-washer.....	J. Rapp.....	846,141	Mar. 5	868	182	127	221
Coal-washer.....	D. H. and G. S. Gray.....	871,499	Nov. 19	2865	719	131	833
Coal-washing apparatus.....	R. L. Martin, Jr., and H. Cory.....	850,594	Apr. 16	3800	793	127	2633
Coaling apparatus for bunkers, &c. Automatic.....	A. Bliedung.....	871,469	Nov. 19	2791	702	131	823
Coaster brace and beam. Sheet-metal.....	W. Schwene.....	856,919	June 11	2877	602	128	2454
Coaster-brake.....	A. Larsen.....	856,532	June 11	2152	443	128	2272
Coaster-brake.....	G. Zinter.....	857,855	June 25	4698	996-7	128	2984
Coaster-brake.....	P. P. O'Horo.....	860,234	July 16	2953	807	129	1039
Coaster-brake. Back-pedaling.....	J. N. Parks.....	871,621	Nov. 19	3090	768	131	872
Coat.....	S. Lewis.....	846,581	Mar. 12	1748	386-7	127	473
Coat-adjuster.....	A. E. Gagnon.....	860,653	July 23	3609	989	129	1290
Coat and hat hook. Folding pocket.....	W. H. Lewis.....	874,412	Dec. 24	4335	912	131	1961
Coat and hat rack.....	G. W. Chubb.....	870,158	Nov. 5	440	121	131	144
Coat and hat rack. Combined.....	P. Hallen.....	844,864	Feb. 19	4279	912	126	2928
Coat and vest. Combination.....	G. Demacakos.....	866,342	Sept. 17	2465	688	130	831
Coat-hanger.....	E. E. Palmer.....	853,895	May 14	3102	635	128	825
Coat-hanger.....	I. D. Fellows.....	860,202	July 16	2896	791	129	1021
Coat, hat, and umbrella rack. Locking.....	H. S. Payne.....	872,147	Nov. 26	4220	1007	131	1076
Coat-hook.....	J. Patterson.....	855,586	June 4	273	55	128	1765
Coat-hook. Locked.....	A. C. Pegan.....	840,800	Jan. 8	2026	448	126	560
Coats. Label attachment for.....	C. S. Smith.....	867,433	Oct. 1	308	90	130	1409
Coating apparatus.....	E. G. Porter and J. I. Jones.....	872,368	Dec. 3	110	20	131	1184
Coating disks and similar articles. Apparatus for.....	T. H. Macdonald and F. L. Capps.....	870,569	Nov. 12	1094	300	131	387
Coating gilded surfaces. Composition of matter for.....	J. A. Henry.....	843,812	Feb. 12	1915	.....	126	2308
Coating-machine.....	A. J. Ford.....	845,734	Feb. 26	5987	1265	126	3395
Coating-machine.....	J. C. Thom.....	861,333	July 30	4674	1278-9	129	1670
Coating of one metal to the surface of another. Applying a.....	A. Freier.....	871,685	Nov. 19	3204	793	131	892
Coating on a non-vitreous surface. Producing a metallic.....	S. Heller and C. Baumgartl.....	850,753	Apr. 16	4113	.....	127	2710
Coating pipes and other articles. Apparatus for.....	E. A. Custer and R. A. Pitman.....	856,996	June 11	3022	635-7	128	2491
Coating process.....	G. Klose.....	858,660	July 2	529	.....	129	183
Cob breaker or crusher.....	G. H. Mayne.....	842,681	Jan. 29	5919	1247-8	126	1657
Cock.....	J. J. Aeppli-Stocker.....	848,951	Apr. 2	690	139	127	1764
Cock.....	L. C. Lewis.....	865,506	Sept. 10	1167	332	130	385
Cock and faucet.....	A. Ullmann.....	854,007	May 21	3332	684	128	923
Cock. Angle.....	E. McCormick and H. C. Roggenkamp.....	841,806	Jan. 22	4044	872-3	126	1153
Cock. Angle.....	W. H. Woody, F. P. Canby, and P. Tennant.....	857,915	June 25	4823	1022	128	3015
Cock. Angle.....	W. G. McMillan.....	859,573	July 9	1944	524	129	683
Cock. Automatic steam and hot-water safety.....	J. A. Frey.....	843,525	Feb. 5	1380	290	126	2138
Cock. Ball.....	J. E. Meagher.....	874,523	Dec. 24	4566	457	131	1995
Cock. Ball.....	J. H. Davis.....	874,575	Dec. 24	4659	979	131	2012
Cock. Basin.....	H. Mueller and A. Schuermann.....	841,093	Jan. 8	2621	573-4	126	711

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Cock box for water and gas pipes. Street stop-	E. L. Walcott and G. J. Fischer.	852,359	Apr. 30	7326	1540	127	3589
Cock clamp. Basin-	T. L. Cecil.	852,220	Apr. 30	7076	1479	127	3527
Cock. Combined gage and stop.	H. J. Reynolds.	854,108	May 21	3551	732	128	976
Cock. Combined hydrant and stop and waste	W. R. Bunch.	866,329	Sept. 17	2444	682	130	825
Cock. Compression-	D. Smith.	850,679	Apr. 16	3982	833	127	2678
Cock for air-brake systems. Angle-	J. A. Bennett.	849,190	Apr. 2	1168	236	127	1887
Cock for flexible tubes. Stop-	C. O. Towne.	860,344	July 16	3112	850	129	1092
Cock for flush-tanks. Ball-	J. McKaig.	846,598	Mar. 12	1793	395	127	486
Cock for locomotives. Cylinder-	E. I. Ferris.	843,391	Feb. 5	1102	229	126	2069
Cock for steam-boilers. Blow-off-	J. B. Duffy.	862,143	Aug. 6	36	10	129	2093
Cock for water-heaters. Water-	R. C. Simpson.	854,538	May 21	4346	899	128	1180
Cock. Gage-	A. P. Prendergast.	843,842	Feb. 12	1979	424	126	2323
Cock. Gage-	C. J. Harkins.	851,235	Apr. 23	5054	1063	127	2985
Cock. Gage-	A. Fredrikson.	856,047	June 4	1150	243	128	1983
Cock. Gage-	W. H. Kriner.	857,634	June 25	4262	900	128	2875
Cock. Gage-	E. A. Rives.	859,782	July 9	2257	613	129	785
Cock. Gage-	G. Pennell.	862,752	Aug. 6	1083	291	129	2414
Cock. Gage-	J. G. Saxe.	865,535	Sept. 10	1224	349	130	401
Cock. Gas-	H. W. Smith.	867,166	Sept. 24	3708	1050	130	1258
Cock. Gas-	E. L. Claus.	867,571	Oct. 8	533	151	130	1496
Cock. Hydraulic	A. Hoffbauer.	866,861	Sept. 24	3233	909	130	1108
Cock-index.	H. Mueller.	857,957	June 25	4913	1038	128	3037
Cock lock. Stop-	C. H. Thompson.	852,303	Apr. 30	7212	1514	127	3559
Cock or valve.	J. Gut.	848,739	Apr. 2	239	47	127	1647
Cock or valve operating means	W. W. Gordon.	871,869	Nov. 26	3613	882	131	983
Cock or valve. Safety gas.	E. R. Bennett and M. I. Ekern.	853,053	May 7	1393	290	128	354
Cock. Safety-	J. C. Stratiff.	846,257	Mar. 5	1069	230	127	272
Cock. Safety gas-	C. L. Ge Frorer.	849,121	Apr. 2	1026	207	127	1850
Cock. Self-closing.	H. Mueller.	841,092	Jan. 8	2619	573	126	711
Cock. Self-locking safety-	W. F. Pabst and W. West.	857,194	June 18	3424	721	128	2633
Cock. Stop-	J. F. Lamping.	853,246	May 14	1770	368	128	482
Cock. Stop-	H. R. Price.	859,839	July 9	2343	636	129	811
Cock. Stop-	J. B. Bell.	868,756	Oct. 22	2450	678	130	2133
Cock. Stop-	R. Rice.	871,956	Nov. 26	3791	921	131	1011
Cock. Stop and waste.	H. J. Geurink.	847,406	Mar. 19	3377	739	127	910
Cock. Stop and waste.	W. H. Smith.	848,137	Mar. 26	4874	1064	127	1317
Cock. Stop and waste.	W. H. Rawe.	850,251	Apr. 16	3146	658	127	2463
Cock. Stop and waste.	J. P. Farley.	863,522	Aug. 13	2239	606	129	2813
Cock. Stop and waste.	C. S. Frishmuth.	867,651	Oct. 8	649	184	130	1531
Cock. Stop and waste.	W. V. McNamara.	871,432	Nov. 19	2717	686	131	811
Cock. Three-way.	E. A. Hall.	862,733	Aug. 6	1052	284	129	2406
Cock. Time-controlled gas-	W. Howlin.	861,854	July 30	5488	1514-15	129	1919
Cock. Time-controlled gas-	H. W. Harris.	869,081	Oct. 22	2946	811-12	130	2287
Cock. Time-controlled gas-	A. Davis.	873,026	Dec. 10	1516	317	131	1435
Cocks. Automatic controller for gas-	L. Kahn and R. Christ.	859,452	July 9	1753	469	129	621
Cocks. Device for operating train-pipe.	N. F. Niederlander.	839,788	Jan. 1	152	35	126	43
Cocks. Pressure-regulator for gas-	M. W. Longfellow.	849,406	Apr. 9	1569	318	127	2024
Cocks. Safety-clutch for air-brake angle-	S. J. Barnhouse.	851,338	Apr. 23	5272	1104	127	3040
Code apparatus. Secret-	M. C. Harlan.	847,767	Mar. 19	4120	900	127	1096
Code or cipher system.	C. W. McDonald.	842,106	Jan. 22	4628	993	126	1293
Coffee and tea flask.	J. Garrigan.	846,299	Mar. 5	1145	252	127	290
Coffee and tea urn.	C. A. Barwise.	873,980	Dec. 17	3402	725	131	1785
Coffee. Apparatus for separating chaff from.	L. Gans.	849,225	Apr. 2	1227	249	127	1902
Coffee-drier.	C. A. Hege.	841,964	Jan. 22	4351	939-40	126	1227
Coffee-drier.	D. Gordon.	842,456	Jan. 29	5440	1152	126	1542
Coffee grains or beans. Machine for separating and grading	J. Jenkins.	867,276	Oct. 1	69	21	130	1335
Coffee-holder.	W. Maechler.	846,587	Mar. 12	1762	389	127	477
Coffee-maker.	A. E. White.	843,727	Feb. 12	1767	376	126	2271
Coffee-making apparatus.	W. C. Richardson.	844,538	Feb. 19	3391	731	126	2711
Coffee-making device.	C. S. Rogers.	857,676	June 25	4332	916	128	2893
Coffee. Method of improving.	A. E. B. Gram.	843,530	Feb. 5	1390	126	126	2141
Coffee-mill.	W. J. Bussinger.	855,228	May 28	5758	1199	128	1568
Coffee-mill.	F. Bartz and F. A. Wygant.	874,925	Dec. 31	5377	1124	131	2152
Coffee-mill grinder.	W. J. Bussinger.	852,164	Apr. 30	6972	1456	127	3500
Coffee-mill receptacle.	F. Bartz and F. A. Wygant.	874,924	Dec. 31	5375	1124	131	2152
Coffee mixture.	A. E. Crocker.	874,305	Dec. 17	4112	131	1892	
Coffee or tea pot handle.	P. J. Godfrey.	847,175	Mar. 12	2906	639	127	764
Coffee-percolator.	L. Wojdkow.	850,709	Apr. 16	4040	844-5	127	2692
Coffee-percolator.	F. B. Price.	866,809	Sept. 24	3164	889	130	1088
Coffee-pot.	H. M. Murray.	845,968	Mar. 5	499	103	127	129
Coffee-pot.	G. F. W. Hofman.	846,473	Mar. 12	1522	337	127	416
Coffee-pot.	C. M. Overcash.	849,564	Apr. 9	1889	385	127	2106
Coffee-pot.	A. H. Stebbins.	857,844	June 25	4681	993	128	2980
Coffee-pot.	B. Georg.	865,776	Sept. 10	1585	447	130	516
Coffee-pot.	A. W. Whitman.	866,545	Sept. 17	2742	767	130	919
Coffee-pot.	J. S. Dunlap.	871,491	Nov. 19	2838	714	131	830
Coffee-pot.	J. S. Dunlap.	871,492	Nov. 19	2839	714	131	830
Coffee-pot and steeper.	C. Hoffman.	868,561	Oct. 15	2111	590	130	2001
Coffee-pot filter.	C. Monroe.	844,953	Feb. 19	4425	945	126	2964
Coffee-pots and similar articles. Lid for.	A. Schaefer.	847,375	Mar. 19	3317	728	127	894
Coffee rethresher and polisher.	E. C. Prieto.	871,045	Nov. 12	1871	512	131	635
Coffee-roaster. Automatic	H. Mustonen and T. A. Nissinen.	865,203	Sept. 3	669	191	130	203
Coffee-separator.	R. F. Cordero.	844,253	Feb. 12	2777	592-3	126	2522
Coffee-urn.	J. F. Stuberger.	846,163	Mar. 5	906	191	127	231
Coffee-urn.	J. Heinrichs.	851,417	Apr. 23	5426	1136	127	3079
Coffee-urn.	D. O. Dowe.	855,842	June 4	782	164	128	1892
Coffee-urn.	W. J. Williams.	871,312	Nov. 19	2444	633	131	770
Coffer-dam and caisson construction.	G. A. Le Fevre.	851,532	Apr. 23	5641	1181	127	3131
Coffin.	J. Donahue.	860,738	July 23	3731	1023	129	1328
Coffin for preserving corpses aboard ship.	W. S. Upshur.	858,684	July 2	559	145	129	194
Coil-bender.	J. A. Burns.	847,549	Mar. 19	3660	807-8	127	985
Coil. Reactance-	C. L. Fortescue.	851,658	Apr. 30	5921	1238	127	3231
Coil-spring.	J. B. Knudsen.	843,827	Feb. 12	1938	415	126	2314
Coil support. Field-	E. T. Mugg.	873,160	Dec. 10	1776	373-4	131	1479
Coil terminal connection. Field-	E. W. Olds.	863,207	Aug. 13	1783	479	129	2672

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Coil. Variable reactive.	R. E. Barker	868,752	Oct. 22	2447	677	130	2132
Coil-winding tool.	J. L. Moore	865,116	Sept. 3	543	152	130	165
Coiling-machine.	S. W. Baldwin	851,152	Apr. 23	4879	1026-7	127	2942
Coiling-machine.	A. T. Richardson	861,608	July 30	5111	1404	129	1807
Coiling-machine.	M. C. Lovejoy	867,390	Oct. 1	248	72	130	1389
Coiling-spindle.	J. W. Sommer	844,206	Feb. 12	2668	571	126	2495
Coin and disk counting machine.	W. A. Downing and J. T. McHugh	861,817	July 30	5439	1498	129	1904
Coin assorter and stacker.	B. F. Brewster	861,157	July 23	4374	1201	129	1537
Coin-assorting mechanism.	G. C. Yocum	866,763	Sept. 24	3089	870	130	1066
Coin-collecting appliance.	W. W. Dean	859,549	July 9	1901	511-12	129	669
Coin-collector.	F. R. McBerty and J. L. McQuarrie	845,370	Feb. 26	5278	1119-20	126	3220
Coin-collector.	F. R. McBerty and H. B. Holmes	846,500	Mar. 12	1575	348-50	127	430
Coin-collector.	H. B. Holmes and E. B. Craft	862,334	Aug. 6	371	102	129	2199
Coin-collector.	E. B. Craft	867,707	Oct. 8	726	202-4	130	1556
Coin-collector.	J. L. McQuarrie	867,746	Oct. 8	787	222-3	130	1573
Coin-collector circuit.	H. M. Crane	850,349	Apr. 16	3336	695	127	2513
Coin-collector circuit.	H. D. Currier	850,352	Apr. 16	3340	696	127	2515
Coin-collector circuit.	J. G. Roberts	851,838	Apr. 30	6295	1313	127	3329
Coin-collector circuit.	A. F. Dixon	867,955	Oct. 15	1174	324-5	130	1714
Coin-collectors. Circuit for.	J. L. McQuarrie	845,111	Feb. 26	4765	1010	126	3092
Coin-collectors. Circuit for.	J. L. McQuarrie and H. M. Crane	845,112	Feb. 26	4766	1010	126	3092
Coin-controlled apparatus.	H. G. Kellogg	855,008	May 28	5308	1103	128	1454
Coin-controlled apparatus.	M. F. Price	862,655	Aug. 6	927	249	129	2370
Coin-controlled apparatus. Slot and slug for.	H. T. Lloyd and R. Brasch	869,096	Oct. 22	2966	819	130	2294
Coin-controlled machine.	A. A. Caille, G. Hamilton, and O. C. Currie	850,817	Apr. 16	4224	888	127	2737
Coin-controlled mechanism.	M. O. Anthony	844,909	Feb. 19	4358	930	126	2947
Coin-controlled mechanism.	J. E. Packard	861,762	July 30	5341	1473-4	129	1874
Coin-controlled mechanism.	J. E. Packard	862,751	Aug. 6	1079	290	129	2413
Coin-controlled mechanism.	H. Blum	868,398	Oct. 15	1866	523	130	1924
Coin-controlled mechanism.	R. A. Pollock	866,063	Sept. 17	2056	573-4	130	703
Coin-counter.	B. Cranner	869,626	Oct. 29	3821	1046	130	2584
Coin-counting box.	F. Stiebel	875,388	Dec. 31	6289	1311	131	2301
Coin-counting machine.	M. B. Rightman	841,446	Jan. 15	3328	719	126	936
Coin-counting machine.	C. W. Johnson	844,308	Feb. 12	2898	616	126	2551
Coin counting, packaging, and labeling machine.	J. J. Farrell	860,598	July 16	3497	962-3	129	1220
Coin counting, registering, and bagging machine.	C. S. Batdori	870,214	Nov. 5	534	145-6	131	175
Coin-cup.	B. E. Tinsley	864,938	Sept. 3	273	73	130	87
Coin-delivery apparatus.	F. Wever	860,588	July 16	3484	957	129	1216
Coin-holder.	M. Quinn	845,664	Feb. 26	5849	1235	126	3359
Coin-holder.	E. V. Williams	848,333	Mar. 26	5259	1147	127	1415
Coin-holder.	P. T. Dunn	851,078	Apr. 23	4727	994	127	2905
Coin-holder.	J. G. Wolfe and F. J. Haugh	861,568	July 30	5050	1386	129	1788
Coin-holder.	C. S. Marsh	862,984	Aug. 13	1424	388	129	2557
Coin holding and delivering device.	J. W. Meaker	844,282	Feb. 12	2840	605	126	2537
Coin holding and delivering machine.	J. W. Meaker	843,224	Feb. 5	792	163-4	126	1996
Coin holding and delivering machine.	J. W. Meaker	843,225	Feb. 5	800	165	126	1997
Coin mechanisms. Fraud-preventive device for.	J. Fritsche	852,111	Apr. 30	6873	1436	127	3474
Coin-operated machine.	W. Andrews	841,302	Jan. 15	3050	661	126	863
Coin-operated machines. Coin-actuated device for controlling the operation of.	H. K. Sandell	852,848	May 7	965	199	128	246
Coin-operated mechanism.	J. J. Wood	849,306	Apr. 2	1373	276	127	1937
Coin-operated mechanism.	J. J. Wood	849,447	Apr. 9	1636	332	127	2043
Coin-operated mechanism.	J. J. Wood	849,448	Apr. 9	1638	332	127	2044
Coin-pouch.	K. G. R. Goodlett	847,467	Mar. 19	3503	766-7	127	942
Coin-receptacle.	W. H. Woolums	841,756	Jan. 22	3938	852	126	1124
Coin-receptacle safety device.	J. Nutry	873,678	Dec. 10	2780	590	131	1651
Coin-register.	L. J. Burdick	842,853	Feb. 5	15	3-4	126	1790
Coin-registering mechanism.	F. D. Powell and C. S. Ellis	851,251	Apr. 23	5088	1070	127	2992
Coin separating, counting, and packaging machine.	C. F. Hess	857,172	June 18	3377	712	128	2621
Coin separating or assorting machine.	W. W. Broga	857,786	June 25	4559	964-6	128	2950
Coin-shipping case.	J. A. Hamilton	861,277	July 30	4591	1254	129	1644
Coin-slot meter and machine.	M. King and J. E. James	855,061	May 28	5420	1125	128	1484
Coin-sorter.	W. A. Ralston	847,438	Mar. 19	3445	756	127	927
Coin-testing machine.	M. D. Sadtler	867,304	Oct. 1	114	35	130	1349
Coin-tray.	J. W. Meaker	844,283	Feb. 12	2843	606	126	2538
Coin tray and till.	B. F. Brewster	858,331	June 25	5635	1206	128	3222
Coin-wrapping device.	H. H. Norrington	852,574	May 7	405	74	128	107
Coins. Machine for counting, registering, and otherwise handling.	W. W. Broga	860,960	July 23	4080	1118-20	129	1443
Coins to receptacles. Means for controlling the admission of.	C. S. Ellis and F. D. Powell	851,282	Apr. 23	5161	1084	127	3013
Coke. Cooling.	C. E. Arnold	842,747	Jan. 29	6069	1279	126	1693
Coke-discharging apparatus.	L. Albrecht	843,251	Feb. 5	856	174	126	2012
Coke-drawer.	G. C. Landis	861,292	July 30	4612	1259-60	129	1650
Coke-drawing machine.	M. F. Stunkard	843,568	Feb. 5	1477	311	126	2160
Coke-extracting machine.	E. H. Abraham	863,484	Aug. 13	2183	590-1	129	2795
Coke-extracting machine.	E. H. Abraham	863,891	Aug. 20	2806	771	129	3024
Coke-furnace.	S. B. Sheldon	847,614	Mar. 19	3813	834-6	127	1024
Coke-oven.	M. E. Rothberg and A. Ernst	841,052	Jan. 8	2527	551-2	126	686
Coke-oven.	J. Kerschgens	850,939	Apr. 23	4485	938	127	2844
Coke-oven.	G. C. Landis	864,099	Aug. 20	3103	858	129	3113
Coke-oven.	A. O. Jones	875,436	Dec. 31	6387	1331-2	131	2315
Coke-oven and similar devices. Closure for.	H. Koppers	875,356	Dec. 31	6233	1300	131	2290
Coke-oven-charging apparatus.	F. W. C. Schniewind	845,719	Feb. 26	5955	1257	126	3387
Coke-oven-charging machine.	A. Ernst	875,571	Dec. 31	6632	1387-8	131	2358
Coke-oven door.	H. Koppers	871,421	Nov. 19	2694	683	131	807
Coke-oven door-jamb.	E. H. Abraham	873,479	Dec. 10	2395	504	131	1585
Coke-puller.	J. W. Hurd	863,537	Aug. 13	2259	612-13	129	2819
Coke-pulling apparatus.	F. M. Hogg	869,305	Oct. 29	3292	907	130	2423
Coke separating and discharging apparatus.	W. Schumacher	849,429	Apr. 9	1607	326	127	2035
Coke-working apparatus.	G. F. Myers	856,980	June 11	2991	627-9	128	2483
Coking briquets. Apparatus for.	B. Wagner	849,947	Apr. 9	2585	536-7	127	2282
Coking-oven.	L. J. Hirt	847,001	Mar. 12	2573	565	127	684
Colander and cake-pan. Combined.	C. W. G. Allender	854,391	May 21	4076	843	128	1114

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Cold-storage apparatus.....	N. H. Devers and E. Williams ..	851,618	Apr. 23	5822	1216	127	3175
Cold-storage box.....	C. B. Emmerich and C. C. Heidl- land.	852,225	Apr. 30	7084	1481	127	3529
Collapsible box.....	D. F. Friedheim.....	846,788	Mar. 12	2148	472	127	577
Collapsible box.....	R. P. Brown.....	860,724	July 23	3712	1016	129	1321
Collapsible box.....	H. T. Newby.....	871,614	Nov. 19	3081	765	131	870
Collapsible box.....	H. T. Brown.....	875,409	Dec. 31	6330	1319-20	131	2307
Collapsible box or can.....	W. C. Marshall.....	843,684	Feb. 12	1689	358-9	126	2251
Collapsible table.....	G. Benjamin.....	871,254	Nov. 19	2306	602	131	750
Collar.....	A. B. Stafford.....	848,575	Mar. 26	5716	1250	127	1527
Collar.....	D. J. Kelly.....	856,069	June 4	1184	250	128	1992
Collar.....	W. O. Pierce.....	864,684	Aug. 27	4047	1124	129	3436
Collar. Adjustable horse.....	H. A. Newby.....	864,328	Aug. 27	3457	963	129	3250
Collar and cuff, &c., folding machine.....	H. M. Clearwater and J. Temple.....	844,001	Feb. 12	2276	487-8	126	2397
Collar and cuff. Lady's.....	G. S. Cox.....	868,846	Oct. 22	2591	714	130	2176
Collar and hame. Combined horse.....	J. Martin.....	847,090	Mar. 12	2748	606	127	724
Collar attachment. Horse.....	F. Hays.....	847,475	Mar. 19	3514	769	127	945
Collar dampening and folding device.....	E. G. Skinner.....	873,179	Dec. 10	1829	383	131	1486
Collar. Dog.....	G. Huff.....	870,784	Nov. 12	1455	394	131	505
Collar. Fabric horse.....	W. B. Estes.....	841,005	Jan. 8	2429	530-1	126	660
Collar-fastener.....	J. A. Linn.....	847,346	Mar. 19	3250	715	127	876
Collar-fastener.....	W. R. Dutemple.....	863,161	Aug. 13	1711	400	129	2648
Collar-fastener.....	S. R. Hewitt.....	869,367	Oct. 29	3398	934	130	2455
Collar fastener. Horse.....	A. Greenspan.....	855,171	May 28	5657	1177	128	1543
Collar-fastening device. Adjustable.....	F. H. Richards.....	864,989	Sept. 3	358	96	130	113
Collar-fastening device. Lady's.....	J. D. Lee.....	854,583	May 21	4435	922	128	1202
Collar-fastening means.....	W. O. Pierce.....	864,683	Aug. 27	4046	1124	129	3435
Collar folder and shaper. Turn-down.....	W. A. Stebbins and H. Berg- strom.	847,521	Mar. 19	3602	794-5	127	969
Collar folder, shaper, and edge-ironer. Combined turn-down.....	H. A. Twigg.....	853,845	May 14	2987	613	128	798
Collar. Foundation.....	M. E. Trueblood.....	859,632	July 9	2028	547	129	710
Collar. Garment.....	W. V. Eaton.....	872,914	Dec. 3	1250	266	131	1364
Collar. Horse.....	R. E. Cady.....	839,809	Jan. 1	19	4-5	126	7
Collar. Horse.....	W. B. Estes.....	843,447	Feb. 5	1198	252	126	2090
Collar. Horse.....	H. A. Fontaine.....	847,248	Mar. 12	3048	672	127	799
Collar. Horse.....	J. F. Mott.....	856,649	June 11	2388	492	128	2332
Collar. Horse.....	S. H. Crum.....	857,034	June 18	3102	655	128	2551
Collar. Horse.....	C. W. Campbell.....	857,594	June 25	4181	885	128	2854
Collar. Horse.....	A. Reed.....	867,209	Sept. 24	3780	1068	130	1279
Collar. Horse.....	A. J. Simmons.....	874,629	Dec. 24	4759	1001	131	2030
Collar-pad.....	C. W. Campbell.....	857,595	June 25	4183	885	128	2854
Collar pad. Flexible horse.....	J. H. Taylor.....	865,543	Sept. 10	1239	352	130	405
Collar-pin and necktie-fastener.....	G. A. Beidler.....	857,919	June 25	4828	1024	128	3016
Collar-protector.....	J. H. Way.....	851,268	Apr. 23	5130	1079	127	3003
Collar shaper and drier.....	E. J. Hughes.....	851,356	Apr. 23	5308	1111-12	127	3049
Collar-shaping attachment.....	C. W. Currier and J. Leitschuh.....	842,864	Feb. 5	47	10-11	126	1801
Collar-shaping machine.....	C. W. Currier and J. Leitschuh.....	842,863	Feb. 5	44	9-10	126	1801
Collar-shaping machines. Propelling-roller for.....	J. Leitschuh.....	864,476	Aug. 27	3680	1024	129	3326
Collar spreading device. Apparel.....	F. M. Lilley.....	847,485	Mar. 19	3536	774	127	951
Collar-stiffener for negligée shirts.....	W. S. Peacock.....	869,259	Oct. 29	3215	885	130	2398
Collar-stiffening device.....	S. H. Tolman.....	860,774	July 23	3789	1059	129	1346
Collar-stuffing machine. Horse.....	L. J. Powers.....	852,137	Apr. 30	6927	1446	127	3488
Collar-stuffing machine. Horse.....	L. J. Powers.....	865,934	Sept. 10	1843	517-18	130	606
Collar-support for soft shirts.....	H. R. Parker.....	866,509	Sept. 17	2686	751	130	903
Collar-supporter.....	M. L. Gaston and H. E. Moore.....	843,885	Feb. 12	2061	441	126	2343
Collar-supporter.....	M. L. Gaston and H. E. Moore.....	843,886	Feb. 12	2062	442	126	2343
Collar-supporter.....	C. I. Rankin.....	847,604	Mar. 19	3775	828	127	1014
Collar-supporter. Detachable.....	R. M. Dean.....	851,278	Apr. 23	5153	1083	127	3011
Collar-tipping machine.....	C. A. Royce.....	862,665	Aug. 6	941	253	129	2374
Collars, cuffs, and the like. Creasing and folding ma- chine for.....	H. Gerhardt.....	856,695	June 11	2471	508-9	128	2353
Collaret cutting and winding machine.....	J. A. Firsching.....	848,614	Mar. 26	5805	1265	127	1549
Collecting device.....	A. Shedlock.....	863,104	Aug. 13	1622	436-7	129	2620
Collector-leads. Means for fastening.....	E. Mattman.....	866,667	Sept. 24	2934	830	130	1008
Collect attachment.....	J. L. Holstein.....	866,788	Sept. 24	3126	880	130	1076
Colloidal state. Converting elements into the.....	H. Kuzel.....	871,599	Nov. 19	3058	.....	131	866
Cologne-fountain. Automatic.....	C. Lehmann.....	861,372	July 30	4746	1297	129	1693
Color combinations in rooms. Exhibiting device to show harmonious.....	W. Church.....	856,222	June 11	1497	315	128	2105
Color-comparator.....	F. V. Kallab.....	862,336	Aug. 6	373	103	129	2201
Color. Lime.....	J. Ullrich.....	847,530	Mar. 19	3621	.....	127	974
Colors. Making phosphorescent.....	W. J. Hammer.....	868,779	Oct. 22	2485	.....	130	2145
Colors. Manufacture of antimony.....	L. Brunet.....	857,978	June 25	4971	.....	128	3054
Colors. Yellow and orange pigment.....	M. Beeke.....	844,845	Feb. 19	4246	.....	126	2921
Coloring and tanning apparatus.....	C. J. Glasel.....	854,415	May 21	4121	854	128	1125
Coloring-matter. Azo.....	M. Kahn and R. Kothe.....	843,149	Feb. 5	631	.....	126	1955
Coloring-matter. Azo.....	R. Kothe and A. Ossenbeck.....	843,756	Feb. 12	1821	.....	126	2284
Coloring-matter lake.....	C. Immerheiser.....	863,396	Aug. 13	2062	.....	129	2761
Colorimeter.....	C. H. White.....	840,538	Jan. 8	1516	336	126	454
Colter-clamp. Adjustable.....	J. H. and R. L. Allin.....	856,200	June 11	1454	306-7	128	2094
Column.....	C. F. Linsenmeyer.....	842,213	Jan. 29	4890	1043	126	1393
Column.....	J. Lally.....	843,218	Feb. 5	782	161	126	1993
Column.....	G. F. Thorn.....	844,973	Feb. 19	4456	952	126	2972
Column.....	G. F. Thorn.....	844,974	Feb. 19	4460	952	126	2973
Column.....	J. Lally.....	869,869	Oct. 29	4186	1155-6	130	2693
Column-base.....	C. E. Zimmermann.....	842,604	Jan. 29	5738	1212-13	126	1612
Column. Centrifugally-made.....	C. D. Campbell.....	866,712	Sept. 24	2997	850	130	1026
Column construction.....	D. B. Danielson.....	874,395	Dec. 24	4295	904	131	1954
Column for fireproof construction.....	J. Lally.....	869,789	Oct. 29	4067	1122-3	130	2656
Column-joint.....	C. Drayer.....	871,576	Nov. 19	3013	750	131	859
Column. Metal.....	T. H. Gillespie.....	845,350	Feb. 26	5242	1111	126	3210
Column. Metal.....	R. B. White.....	849,951	Apr. 9	2591	538	127	2283
Column, post, and the like. Metal.....	S. Grossman.....	868,429	Oct. 15	1915	535	130	1938
Column. Reinforced steel.....	E. Swensson.....	871,076	Nov. 12	1911	523	131	648
Column. Stave.....	G. W. Loggie.....	840,639	Jan. 8	1717	378	126	484

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Column-support	T. F. McCarthy	843,163	Feb. 5	659	138	126	1961
Column. Wooden	H. Brown	846,450	Mar. 12	1481	329	127	405
Columns, &c. Base for	C. E. Zimmermann	868,314	Oct. 15	1732	489	130	1884
Columns. Means of connecting channel-irons in the construction of	G. Aus.	851,973	Apr. 30	6570	1369	127	3399
Comb:							
See Currycomb.	Hair-comb.						
Drying-comb.	Hair-drying comb.						
Elastic comb.	Lady's comb.						
Comb.	W. Phinney	841,175	Jan. 15	2791	610	126	799
Comb.	F. Fontneau	842,643	Jan. 29	5818	1228	126	1632
Comb.	A. Ehrlich	844,007	Feb. 12	2289	490	126	2400
Comb.	J. J. Schulz	844,413	Feb. 19	3122	670	126	2645
Comb.	C. Schmidt	846,058	Mar. 5	698	145	127	178
Comb.	J. G. Higgins	854,498	May 21	4276	885	128	1163
Comb.	C. A. Dunbar	864,124	Aug. 20	3146	870	129	3126
Comb and hat-fastener. Combination.	P. Edwards	844,785	Feb. 19	4133	881	126	2892
Comb-cementing clamp.	F. J. Patnod	873,077	Dec. 10	1629	339	131	1453
Comb-fastener.	J. L. Simpson	844,199	Feb. 12	2651	568	126	2488
Comb-frame lifter.	C. E. Dow	871,489	Nov. 19	2835	713	131	830
Comb with adjustable ornaments. Lady's.	A. Savastano	857,113	June 18	3259	685	128	2591
Combs. Drawing-off mechanism for circle.	A. Long and R. Foster	862,980	Aug. 13	1417	386	129	2554
Combs. Machine for manufacturing celluloid.	P. Durando	857,387	June 18	3776	798-801	128	2722
Combining device. Rotary bristle.	M. P. Tottle	866,406	Sept. 17	2555	712	130	862
Combining-machine.	T. O'Connell	864,184	Aug. 27	3240	898	129	3184
Combining-machine.	E. H. Rooney	864,197	Aug. 27	3270	906	129	3194
Combining-machine for cotton, wool, &c.	F. W. Chadderton	855,430	May 28	6114	1278	128	1656
Combination device.	J. Royse	850,255	Apr. 16	3154	659	127	2466
Combination-engine.	W. H. Thompson, Jr.	864,273	Aug. 27	3379	939-40	129	3227
Combination instrument.	C. Schneider	870,851	Nov. 12	1558	428	131	537
Combination-lifter	J. B. Ortt	840,650	Jan. 8	1734	382	126	488
Combination-lock	B. S. Burnett	842,076	Jan. 22	4573	982-3	126	1279
Combination-lock	J. W. Raymond	843,365	Feb. 5	1068	220	126	2060
Combination-lock	H. C. Lowrie	850,942	Apr. 23	4490	939	127	2845
Combination-lock	J. N. Mills	853,368	May 14	2033	421	128	554
Combination-lock	A. W. Hoag	856,700	June 11	2481	510	128	2355
Combination-lock	N. H. Paddock	859,614	July 9	2002	540	129	702
Combination-lock	J. H. Hobson	861,591	July 30	5082	1395	129	1798
Combination-lock	N. Tobias	864,395	Aug. 27	3555	988	129	3281
Combination-lock	W. H. Taylor	874,807	Dec. 24	5104	1075	131	2088
Combination or keyless lock	O. M. Farrand	860,200	July 16	2891	791	129	1019
Combination or keyless lock	O. M. Farrand	860,201	July 16	2894	791	129	1020
Combination-wrench	E. Ellingson	849,891	Apr. 9	2496	514	127	2260
Combination-wrench	E. M. Walters	860,949	July 23	4063	1112	129	1437
Combining and mixing tube.	E. H. Palmer	872,580	Dec. 3	562	117	131	1253
Combustion apparatus	W. H. Ricker	865,209	Sept. 3	677	193	130	206
Combustion apparatus.	J. M. W. Kitchen	871,597	Nov. 19	3046	758-9	131	865
Combustion apparatus. Continuous.	E. P. Noyes	864,183	Aug. 27	3235	897-8	129	3182
Combustion. Conducting	B. E. Eldred	854,156	May 21	3638	752-3	128	998
Combustion-engine	J. H. and J. W. Bense	856,760	June 11	2595	532	128	2386
Combustion-engine. Two-time	E. Tuckermann	871,380	Nov. 19	2592	663-4	131	793
Combustion generating apparatus. Continuous.	E. P. Noyes	855,726	June 4	537	113	128	1832
Combustion process.	B. E. Eldred	869,485	Oct. 29	3587	983-4	130	2513
Combustion. Promoting	P. J. McNamara	846,338	Mar. 5	1232	127	131	311
Combustion-regulating apparatus	T. D. Pilcher	858,019	June 25	5061	1071	128	3076
Combustion under pressure. Apparatus for generating and storing products of	T. H. Cole	854,466	May 21	4219	873	128	1150
Comminuted material. Feeder for	G. S. Heath	840,845	Jan. 8	2107	466	126	579
Comminuted substances. Production of coherent bodies from	W. Schumacher	855,419	May 28	6097	128	1652	
Communion-cup.	O. V. L. Harbour	870,556	Nov. 12	1075	293	131	380
Communion or eucharistic device	H. C. Allen	858,051	June 25	5132	1085	128	3094
Commutator	M. E. Fuld	840,451	Jan. 1	1336	296	126	349
Commutator	A. F. Carver and J. N. Stout	842,624	Jan. 29	5778	1221	126	1622
Commutator	J. R. Grindrod	847,284	Mar. 12	3113	686	127	816
Commutator	W. L. Waters	853,283	May 14	1840	384	128	500
Commutator	L. E. Underwood	854,781	May 28	4846	1006	128	1335
Commutator	C. W. Coleman	866,262	Sept. 17	2339	651	130	792
Commutator assembling and finishing device	J. Risbridger	855,134	May 28	5585	1162	128	1522
Commutator assembling. Jig or form for	H. E. Genor	861,105	July 23	4305	1182	129	1515
Commutator-brush	R. Siegfried	856,429	June 11	1974	406	128	2228
Commutator brush and holder for dynamos and the like.	J. A. Misland	840,506	Jan. 8	1455	321	126	417
Commutator-brush for dynamo-electric machines	R. N. Baylis	845,740	Mar. 5	9	2	127	5
Commutator-brushes. Adjustable miter-box for	W. S. Pollard	847,816	Mar. 19	4241	929	127	1124
Commutator-grinder	E. S. Bryant and H. J. Bery	855,877	June 4	843	174-5	128	1907
Commutator-switch	E. B. Jacobson	854,039	May 21	3395	700	128	937
Commutator truing and dressing tool.	C. H. Frick	857,931	June 25	4849	1026	128	3021
Commutators. Making	T. Duncan	842,829	Jan. 29	6214	1312	126	1728
Compartment-can	F. C. Cullen	861,815	July 30	5438	1497	129	1903
Compartment-case	F. N. Gilbert	853,404	May 14	2091	435	128	568
Compass. Beam	A. C. Mohnike	858,408	July 2	69	19	129	24
Compass-board	H. Rigby	860,765	July 23	3776	1036	129	1342
Compass-handle-adjusting device	O. G. Mayer	854,586	May 21	4439	922	128	1203
Compass-handle-adjusting device	O. G. Mayer	857,185	June 18	3403	718	128	2628
Compass-light	A. C. Glover and W. E. Hadlock	842,092	Jan. 22	4595	987	126	1284
Compass. Mariner's	J. Kean	864,171	Aug. 27	3220	892	129	3176
Compasses	M. C. Mühlbach	855,120	May 28	5565	1156	128	1517
Compasses	G. Schoenner	855,592	June 4	283	67	128	1768
Compasses and similar instrument	C. M. Bernegau	844,772	Feb. 19	4103	875	126	2883
Compasses. Drafting	J. D. Ward	868,735	Oct. 22	2423	670	130	2124
Compasses. Oval	C. Schreiber	845,824	Mar. 5	177	34	127	47
Compensating direct-acting engine	W. C. Brown	861,801	July 30	5418	1493	129	1897
Compensating mechanism	L. M. Osborn and J. E. Mannis	844,462	Feb. 19	3209	692	126	2667
Compo-board and producing same	J. E. Lappen	855,792	June 4	672	138	128	1866
Composing-machine	L. Allen	871,020	Nov. 12	1831	500-1	131	622

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Composing-machines with two or more magazines placed one above the other. Releasing device for the matrices in	C. A. Albrecht.....	865,846	Sept. 10	1721	478	130	570
Composing, type-casting, and other machines. Record strip or controller for	W. Bancroft.....	857,974	June 25	4961	1049	128	3051
Composite layers. Uniting and molding.....	A. Thoma.....	864,043	Aug. 20	3019	.....	129	3088
Composite or concrete walls. Constructing.....	D. W. Bovee.....	842,068	Jan. 22	4562	980	126	1276
Composite pipe.....	E. M. Johnson.....	868,785	Oct. 22	2495	687	130	2148
Composite sheet or layer.....	W. W. Whitcomb.....	841,294	Jan. 15	3037	658	126	860
Composite structures. Reinforcing means for.....	J. F. Havemeyer.....	872,127	Nov. 26	4182	999	131	1069
Composition.....	J. H. Wilson.....	861,150	July 23	4367	.....	129	1535
Composition of matter.....	B. B. Goldsmith.....	841,509	Jan. 15	3454	.....	126	970
Composition of matter.....	E. Voller and M. F. Thalberg.....	846,265	Mar. 5	1082	.....	127	276
Composition of matter.....	G. H. Ferlin.....	848,094	Mar. 26	4808	1049	127	1301
Composition of matter.....	F. A. Lobert.....	858,084	June 25	5202	.....	128	3113
Composition of matter.....	A. S. F. Lohmann.....	861,132	July 23	4344	.....	129	1528
Composition of matter.....	M. Ams.....	869,870	Nov. 5	1	1	131	3
Composition of matter.....	S. G. Wightman.....	872,705	Dec. 3	816	.....	131	1296
Composition of matter and making same.....	J. S. Robeson.....	851,378	Apr. 23	5355	.....	127	3061
Composition of matter and making same.....	J. S. Robeson.....	851,379	Apr. 23	5357	.....	127	3062
Composition of matter and making same.....	J. S. Robeson.....	851,380	Apr. 23	5358	.....	127	3062
Composition of matter and making same.....	J. S. Robeson.....	851,381	Apr. 23	5360	.....	127	3062
Composition or concrete post.....	H. G. and J. W. Hays.....	865,179	Sept. 3	629	178	130	191
Compost and cotton-seed distributor.....	W. B. Dukes and J. M. Dekle.....	857,518	June 18	4025	857	128	2784
Compost digger and elevator.....	G. Noll.....	873,260	Dec. 10	1969	412	131	1511
Compost-spreader.....	J. F. Loos.....	858,813	July 2	792	207	129	276
Compound brake.....	A. Sundh.....	849,283	Apr. 2	1328	269	127	1927
Compound brake.....	J. Dillon.....	857,549	June 18	4088	868	128	2801
Compound brake.....	J. Dillon.....	857,550	June 18	4091	868	128	2802
Compound brake.....	J. Dillon.....	857,551	June 18	4094	868	128	2802
Compound engine.....	W. A. Webster.....	842,985	Feb. 5	283	62	126	1862
Compound engine.....	M. A. Neeland.....	844,388	Feb. 19	3071	658-9	126	2634
Compound engine.....	W. E. Symons.....	857,316	June 18	3640	770-1	128	2688
Compound engine.....	A. Merchant.....	858,664	July 2	534	137	129	185
Compound engine.....	F. E. Norton.....	866,803	Sept. 24	3155	887	130	1084
Compound engine.....	C. Kiesselbach.....	866,936	Sept. 24	3349	946	130	1144
Compound engine.....	I. H. Reynolds and F. E. Norton.....	867,078	Sept. 24	3573	1013	130	1213
Compound engine.....	D. Parrett.....	875,453	Dec. 31	6413	1338-9	131	2321
Compounds. Reducing.....	F. J. Tone.....	842,273	Jan. 29	5004	1068	126	1420
Compress.....	R. D. Webb.....	862,223	Aug. 6	182	51	129	2140
Compressed-air installation.....	S. J. Webb.....	865,734	Sept. 10	1524	430-1	130	496
Compressed-air motor.....	G. J. Gibbs.....	866,457	Sept. 17	2623	732-3	130	884
Compressed-air tank.....	C. D. Jenkins.....	868,441	Oct. 15	1931	540	130	1943
Compression stop and waste.....	W. J. Griffin.....	868,548	Oct. 15	2098	586	130	1998
Compressor.....	A. C. Schuermann.....	845,496	Feb. 5	1309	275	126	2121
Compressor.....	C. W. Dietrich.....	855,050	May 28	5398	1171	128	1478
Compressor.....	N. A. Christensen.....	865,015	Sept. 3	403	107	130	124
Compressor. Rotary.....	C. C. Palmer.....	845,114	Feb. 26	4772	1011	126	3094
Compressor. Rotary blade.....	C. Kohler.....	875,188	Dec. 31	5899	1230	131	2238
Compressors and motors. Clearance-controlling mechanism for.....	S. A. Reeve.....	872,451	Dec. 3	277	57	131	1212
Compressors. Relief mechanism for.....	E. Hill and H. P. Morgan.....	862,160	Aug. 6	61	19	129	2100
Computer. Spring-load.....	F. K. Caswell.....	847,904	Mar. 19	4417	969	127	1167
Computing device.....	J. A. Ansell.....	855,218	May 28	5739	1194-5	128	1563
Computing device.....	C. W. Draper.....	856,573	June 11	2246	461-2	128	2296
Computing device.....	F. P. Glasier and J. J. Glasier.....	858,974	July 2	1043	274	129	356
Computing instrument or balance.....	M. H. Tomkins.....	861,557	July 30	5034	1382	129	1783
Computing-machine.....	A. S. Dennis.....	842,138	Jan. 22	4708	1008	126	1315
Computing-machine.....	J. E. Carroll.....	864,770	Sept. 3	7	3	130	4
Computing-machine.....	A. W. Krahn.....	870,184	Nov. 5	480	132-3	131	157
Computing-machine.....	D. W. Shiek.....	872,021	Nov. 26	3964	953-4	131	1034
Computing-machines and the like. Tabulating attachment for.....	D. W. Shiek.....	868,709	Oct. 22	2379	659-60	130	2113
Computing-machines, &c. Key-releasing mechanism for.....	D. W. Shiek.....	843,635	Feb. 12	1607	340	126	2229
Computing mechanism.....	J. D. Daugherty.....	858,646	July 2	504	130-1	129	175
Computing-meter.....	W. E. Boyce.....	875,238	Dec. 31	5993	1249	131	2253
Concentrator.....	H. L. Lightner.....	851,426	Apr. 23	5442	1139-40	127	3084
Concentrator.....	J. F. Isbell.....	853,459	May 14	2189	455	128	595
Concentrator.....	H. E. Horn.....	861,214	July 23	4464	1225-6	129	1567
Concentrator.....	C. H. Wilkie.....	871,546	Nov. 19	2959	738	131	848
Concentrator. Centrifugal.....	C. T. Heisel.....	852,558	May 7	357	64	128	97
Concrete and blank therefor. Metal reinforce for.....	D. Maxwell.....	859,313	July 9	1544	412	129	554
Concrete and like material. Reinforcing-bar for.....	S. B. Williamson.....	843,424	Feb. 5	1157	243	126	2081
Concrete and metal construction.....	A. L. Johnson.....	844,599	Feb. 19	3746	788	126	2791
Concrete and metal structure.....	J. W. Linzee, Jr.....	840,571	Jan. 8	1594	350	126	451
Concrete and other plastic materials. Device for molding.....	C. Dietrichs.....	871,390	Nov. 19	2620	670	131	797
Concrete and the like. Machine for mixing.....	W. J. Judd.....	840,067	Jan. 1	551	119-21	126	147
Concrete aqueducts, tunnels, subways, and the like. Construction of.....	J. T. Wilson.....	866,833	Sept. 24	3191	897-8	130	1097
Concrete arch. Reinforced.....	H. M. Russell, Jr.....	852,202	Apr. 30	7041	1470	127	3518
Concrete arches. Reinforcement for.....	M. A. Abbott.....	867,776	Oct. 8	829	237	130	1587
Concrete bar.....	F. C. Wolf.....	867,090	Sept. 24	3593	1018	130	1218
Concrete base for fence-posts.....	R. J. Livengood.....	841,163	Jan. 15	2775	606	126	795
Concrete beam.....	F. Barré.....	865,963	Sept. 10	1887	528	130	619
Concrete beam or column. Reinforced.....	E. C. Poole.....	863,555	Aug. 13	2285	624	129	2826
Concrete beams and girders. Construction of reinforcing-steel for reinforced.....	G. Aus.....	857,973	June 25	4960	1049	128	3051
Concrete block.....	S. D. Merton.....	841,415	Jan. 15	3272	705	126	921
Concrete block.....	I. B. Hill.....	866,360	Sept. 17	2498	696-7	130	844
Concrete block and wall.....	F. D. Merchant.....	841,414	Jan. 15	3270	705	126	920
Concrete-block machine.....	F. W. Cooley.....	839,812	Jan. 1	24	5-6	126	8
Concrete-block machine.....	H. K. Burrill.....	840,907	Jan. 8	2239	493	126	613
Concrete-block machine.....	J. H. Graham.....	847,764	Mar. 19	4116	899	127	1095
Concrete-block machine.....	M. Silva and A. Lump.....	848,697	Apr. 2	157	32-3	127	1626

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Concrete-block machine	A. O. Thomas	849,704	Apr. 9	2136	439	127	2166
Concrete-block machine	W. W. Verner	854,130	May 21	3594	741-2	128	986
Concrete-block machine	G. W. Schock and L. A. Mattes	864,698	Aug. 27	4073	1132	129	3445
Concrete-block machine	F. D. Merchant	865,717	Sept. 10	1493	421-2	130	485
Concrete-block machine	C. Wolfenden	870,006	Nov. 5	212	56-7	131	76
Concrete-block machine. Knockdown adjustable	J. E. Street	862,521	Aug. 6	707	190	129	2305
Concrete-block-making machine	C. O. Brandell	852,764	May 7	780	155-6	128	203
Concrete-block-making machine	W. G. Tower	865,454	Sept. 10	1078	307-8	130	357
Concrete-block-manufacturing apparatus	G. B. Tyler	854,856	May 28	4994	1040	128	1374
Concrete-block mold	J. P. Heckman	839,842	Jan. 1	72	18	126	21
Concrete-block mold	J. K. Courter	857,159	June 18	3344	706	128	2612
Concrete-block mold	E. O. Ricks	863,757	Aug. 20	2591	717	129	2956
Concrete-block-molding machine	J. Ingalls	869,436	Oct. 29	3509	963-4	130	2488
Concrete-block-watering device	J. Welch and S. R. Minnich	848,276	Mar. 26	5131	1120	127	1384
Concrete blocks and artificial stone. Mold for making	W. A. Benton	856,213	June 11	1473	311	128	2100
Concrete blocks and slabs. Manufacturing	O. Bradford	862,440	Aug. 6	560	150	129	2273
Concrete blocks. Curing	J. W. Jackson	849,790	Apr. 9	2293	471	127	2206
Concrete blocks. Machine for making	W. F. Tubesing	868,730	Oct. 22	2416	668	130	2123
Concrete-brick machine	J. Carlen	840,911	Jan. 8	2256	496	126	617
Concrete bridge	G. Glascock	846,659	Mar. 12	1910	420	127	516
Concrete building-block	E. J. White	858,933	July 2	974	253	129	343
Concrete building-block	H. S. Brewington	868,838	Oct. 22	2579	712	130	2172
Concrete-building-block machine	G. W. Dunmore	848,091	Mar. 26	4802	1047	127	1300
Concrete-building-block-making machine	J. Miller, A. M. Haight, and W. T. Smith	840,006	Jan. 1	415	90-1	126	113
Concrete-building-block mold	J. H. Rempis	854,843	May 28	4971	1034	128	1368
Concrete building-block. Reinforced	S. M. Kemp	859,947	July 16	2513	682	129	895
Concrete building-blocks and artificial stone. Machine for molding	R. Edmondson	856,340	June 11	1761	366-7	128	2173
Concrete building-blocks. Manufacturing	S. W. Hendrickson	850,112	Apr. 9	2873	601	127	2351
Concrete building construction	A. S. Reavis	843,768	Feb. 12	1841	392	126	2289
Concrete building construction	A. S. Reavis	843,843	Feb. 12	1933	424	126	2324
Concrete building construction. Reinforced	J. T. Cochran	861,502	July 30	4945	1358	129	1753
Concrete building construction. Reinforcing-frame for	M. L. Cooper	875,158	Dec. 31	5837	1218	131	2227
Concrete-building mold	J. L. Ingersoll	860,479	July 16	3321	909-10	129	1162
Concrete buildings. Steel skeleton construction for	C. A. F. Turner	859,858	July 9	2370	644	129	819
Concrete ceilings. Hanger-support for	A. J. Perkins	850,097	Apr. 9	2842	595	127	2344
Concrete chimney	J. W. Rector	809,518	Oct. 29	3640	998	130	2528
Concrete column. Reinforced	L. F. Smith	841,463	Jan. 15	3353	724	126	942
Concrete columns. Apparatus for constructing hollow	F. Locher	840,638	Jan. 8	1715	377-8	126	483
Concrete columns. Mold for constructing hollow	F. Locher	840,637	Jan. 8	1714	377	126	483
Concrete construction	W. S. Shourds	853,227	June 25	5465	1166	128	3180
Concrete construction	A. A. Pauly	865,265	Sept. 3	763	217	130	231
Concrete construction for buildings and other structures. Reinforced	G. Georgenson and J. E. Hennen	855,299	May 28	5887	1227	128	1601
Concrete-construction mold	J. F. Swinnerton	842,722	Jan. 29	6019	1268	126	1681
Concrete-construction mold	F. M. Henry	855,174	May 28	5661	1178	128	1544
Concrete construction. Reinforced	W. Curlett	845,763	Mar. 5	60	12	127	19
Concrete construction. Reinforced	E. M. Scofield	849,922	Apr. 9	2545	527	127	2272
Concrete construction. Reinforced	C. P. Walter	857,775	June 25	4543	959	128	2946
Concrete construction. Reinforced	S. B. Zimmer	865,145	Sept. 3	579	163	130	176
Concrete construction. Reinforced	G. M. Graham	865,490	Sept. 10	1140	323-4	130	375
Concrete construction. Reinforced	E. Nichols	809,724	Oct. 29	3971	1097-8	130	2628
Concrete construction. Reinforced	J. W. Muldoon	874,226	Dec. 17	3953	834	131	1866
Concrete construction. Reinforcing member for	W. D. Forsyth	855,240	May 28	5782	1205	128	1575
Concrete construction. Subaqueous	F. R. McQueen	873,581	Dec. 10	2613	550-1	131	1620
Concrete construction. Truss for reinforcing	W. E. Owens and J. E. Wright	852,898	May 7	1082	223	128	277
Concrete cross-tie. Reinforced	W. A. Bryant	848,155	Mar. 26	4899	1069	127	1323
Concrete curb and other structures. Metal nosing for	H. H. Wainwright	864,276	Aug. 27	3384	940	129	3228
Concrete curbs or gutters. Form for making	C. E. Twitt	861,686	July 30	5219	1434	129	1839
Concrete dam. Reinforced	H. L. Coburn	845,855	Mar. 5	237	48	127	61
Concrete door structure. Reinforced	T. de Bobula	874,729	Dec. 24	4974	1045	131	2064
Concrete floor construction	F. A. Koetitz	845,465	Feb. 26	5474	1159	126	3267
Concrete floor construction	L. H. Nolte	859,511	July 9	1838	495	129	648
Concrete-floor-laying apparatus	A. Langquist	842,566	Jan. 29	5648	1194	126	1589
Concrete floor structure	F. H. Daniels	871,568	Nov. 19	3001	748	131	856
Concrete form	J. M. Carmody	849,885	Apr. 9	2482	511	127	2256
Concrete forms. Apparatus for raising	R. H. Folwell and W. R. Sinks	855,452	June 4	24	5	128	1701
Concrete foundation-piers. Constructing	G. W. Jackson	846,108	Mar. 5	800	167-8	127	204
Concrete gutter	M. F. Howley	856,702	June 11	2485	511	128	2356
Concrete-heating machine	R. C. Huffman	853,456	May 14	2185	453-4	128	594
Concrete insert	F. L. R. Francisco and J. C. Thom.	854,818	May 28	4921	1022	128	1355
Concrete jetty. Reinforced	W. C. Cottrell	867,802	Oct. 8	878	249	130	1603
Concrete. Machine for mixing materials for	W. H. Peters	864,386	Aug. 27	3543	985	129	3277
Concrete. Machine for molding units of clay or other refractory material to be used in the manufacture of	W. D. Crow	874,167	Dec. 17	3824	806	131	1845
Concrete. Manufacture of bituminous	J. L. Rake and C. Richardson	875,288	Dec. 31	6092	-----	131	2269
Concrete. Manufacturing	W. D. Crow	868,762	Oct. 22	2460	680	130	2137
Concrete-measuring machine	A. F. Nims	851,554	Apr. 23	5691	1192	127	3141
Concrete-metal construction	E. Flad	845,938	Mar. 5	438	90	127	112
Concrete. Metal structure for reinforcing	O. N. Mueller	858,410	July 2	74	20	129	26
Concrete-mixer	J. E. Kenisell and C. C. Lowry	842,206	Jan. 29	4867	1038-9	126	1387
Concrete-mixer	G. E. McArthur	842,902	Feb. 5	116	28	126	1819
Concrete-mixer	E. E. Jackson	843,278	Feb. 5	910	185-6	126	2023
Concrete-mixer	E. E. Flora	849,732	Apr. 9	2180	449	127	2177
Concrete-mixer	W. C. Dayhoff	850,469	Apr. 16	3557	745	127	2570
Concrete-mixer	J. Muir and C. H. Herod	851,686	Apr. 30	5985	1249	127	3247
Concrete-mixer	F. A. Borst	853,623	May 14	2531	524-5	138	683
Concrete-mixer	C. L. Baldwin	853,945	May 21	3219	660	128	893
Concrete-mixer	W. L. Jones	860,031	July 16	2655	722	129	943

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Concrete-mixer.....	F. W. Blakeslee.....	863,775	Aug. 20	2618	724-5	129	2964
Concrete-mixer.....	A. R. Parker.....	866,056	Sept. 17	2044	570	130	698
Concrete-mixer.....	A. W. Ransome.....	870,797	Nov. 12	1473	398	131	512
Concrete-mixer feeding device.....	R. Wilcox.....	845,990	Mar. 5	553	116	127	142
Concrete-mixing and molding apparatus.....	C. R. Schmidt.....	871,363	Nov. 19	2547	655	131	787
Concrete-mixing machine.....	L. C. Roberts.....	841,273	Jan. 15	2979	648-9	126	845
Concrete-mixing machine.....	A. F. Nims.....	851,553	Apr. 23	5687	1192	127	3140
Concrete-mixing machine.....	G. M. Pence.....	858,017	June 25	5059	1070	128	3075
Concrete-mixing machine.....	L. C. Roberts, S. G. McTarnaghan and W. H. Jeffs.....	862,848	Aug. 6	1232	332-3	129	2461
Concrete-mixing machine.....	G. D. Scheffler.....	869,522	Oct. 29	3645	999-1000	130	2529
Concrete-mold.....	H. A. Steber.....	853,837	May 14	2970	609-10	128	794
Concrete. Mold for embedding tablets in.....	T. J. Missildine.....	845,311	Feb. 26	5165	1096	126	3192
Concrete-molding machine.....	L. D. Ewing.....	872,333	Dec. 3	24	5-6	131	1173
Concrete pavements. Device for laying.....	G. W. and G. F. Switzer.....	867,852	Oct. 8	953	272	130	1623
Concrete paving. Guard for edges of.....	W. Crenshaw.....	858,959	July 2	1014	264	129	347
Concrete pile and means for driving same.....	J. Stewart.....	869,336	Oct. 29	3351	922	130	2438
Concrete-pipe molds. Core or inner casing for.....	A. P. Melton.....	860,144	July 16	2813	768	129	996
Concrete-post-making machine.....	N. W. Hoskins.....	859,883	July 9	2410	655	129	831
Concrete-post mold.....	J. P. Donovan.....	851,503	Apr. 23	5590	1170	127	3117
Concrete. Reinforce for.....	D. Maxwell.....	859,312	July 9	1543	411	129	553
Concrete reinforcement.....	G. Iback.....	851,169	Apr. 23	4916	1034	127	2951
Concrete reinforcement.....	J. S. Barnes.....	868,065	Oct. 15	1349	377	130	1768
Concrete reinforcement.....	C. Horix.....	871,699	Nov. 19	3225	798	131	895
Concrete. Reinforcement for.....	W. W. Conard.....	858,153	June 25	5328	1133	128	3144
Concrete-reinforcing bar.....	A. V. Reyburn, Jr.....	857,671	June 25	4320	913	128	2889
Concrete, &c. Reinforcing-bar for.....	S. B. Williamson.....	863,959	Aug. 20	2903	799	129	3053
Concrete sidewalk.....	D. G. MacDonald.....	856,409	June 11	1935	398	128	1218
Concrete sidewalks. Form for.....	J. R. and A. Zeiser.....	872,602	Dec. 3	595	124	131	2260
Concrete silos. Mold for making solid.....	W. H. Limberg.....	857,474	June 18	3937	837	128	2761
Concrete-steel construction.....	P. Kühne.....	854,554	Feb. 26	5629	1192	126	3306
Concrete-steel suspension-arch.....	E. J. Schauwecker.....	855,986	June 4	1053	218	128	1959
Concrete step. Reinforced.....	G. M. Graham.....	867,818	Oct. 8	908	257	130	1610
Concrete steps and other structures. Metal nosing for.....	H. H. Wainwright.....	848,075	Mar. 26	4775	1041	127	1293
Concrete. Structural reinforced.....	J. A. Jones.....	848,105	Mar. 26	4824	1052	127	1305
Concrete structural work. Metallic reinforcement for.....	C. Horix.....	847,577	Mar. 19	3711	818	127	997
Concrete structural work. Metallic reinforcement in.....	C. Horix.....	845,787	Mar. 5	106	21	127	31
Concrete structure.....	A. F. Walker.....	874,462	Dec. 24	4410	930	131	1975
Concrete structure and hanger-support.....	A. F. Walker.....	874,461	Dec. 24	4408	929	131	1975
Concrete structure. Reinforced.....	S. H. Lea.....	860,391	July 16	3188	871-2	129	1118
Concrete structure. Reinforced.....	E. R. Boyle and W. B. Upton.....	865,231	Sept. 3	715	203	130	216
Concrete structure. Reinforced.....	H. F. Cobb.....	865,477	Sept. 10	1117	318	130	368
Concrete structure. Reinforced.....	H. F. Cobb.....	866,715	Sept. 24	3017	851	130	1041
Concrete structure. Reinforced.....	C. Mankedick.....	867,665	Oct. 8	667	188	130	1536
Concrete structure. Reinforced.....	G. M. Graham.....	868,921	Oct. 22	2703	745-6	130	2211
Concrete structure. Reinforced.....	A. Rogers.....	870,588	Nov. 12	1116	305	131	394
Concrete-structure reinforcing-bar.....	A. Priddle.....	870,129	Nov. 5	395	110	131	132
Concrete structures. Means for use in erecting metal.....	J. Spelman.....	841,904	Jan. 22	4251	915-16	126	1203
Concrete structures. Reinforcement for.....	D. Maxwell.....	859,313	July 9	1546	412	129	556
Concrete structures. Reinforcing-bar for.....	E. M. Scofield.....	855,204	May 28	5716	1190	128	1556
Concrete tie.....	M. E. Woodbury.....	856,125	June 4	1298	272	128	2020
Concrete-tile-making machine.....	W. Wettlauffer.....	860,000	July 16	2607	709	129	926
Concrete-tile mold.....	W. S. Thomas.....	873,634	Dec. 10	2709	573	131	1637
Concrete tombstones. Making.....	M. J. Hendley.....	859,062	July 2	1163	.....	129	394
Concrete. Truss-reinforce for.....	D. Maxwell.....	859,311	July 9	1543	411	129	553
Concrete. Truss-reinforce for.....	D. Maxwell.....	859,314	July 9	1545	412	129	555
Concrete tubular structures. Method and apparatus for forming reinforced.....	R. H. Aiken.....	863,485	Aug. 13	2185	591	129	2796
Concrete wall.....	J. L. Peetz.....	860,565	July 16	3442	945	129	1202
Concrete-wall-constructing apparatus.....	C. Dietrichs.....	871,327	Nov. 19	2479	640	131	776
Concrete-wall core.....	J. H. Landry.....	853,640	May 14	2562	531	128	690
Concrete-wall form.....	O. F. Mann.....	854,098	May 21	3531	729	128	972
Concrete-wall mold.....	W. H. Anthony.....	850,120	Apr. 9	2894	604	127	2355
Concrete-wall mold.....	M. J. Demorest.....	868,764	Oct. 22	2461	680-1	130	2137
Concrete-wall mold.....	J. L. Richardson.....	872,750	Dec. 3	908	188	131	1310
Concrete-wall mold. Hollow.....	A. I. Sprague.....	858,480	July 2	203	47	129	76
Concrete wall or column construction.....	W. E. Middleton.....	871,879	Nov. 26	3634	886	131	987
Concrete walls. Reinforced interlocking.....	R. Edmondson.....	873,739	Dec. 17	2935	622	131	1706
Concrete walls. Apparatus for constructing.....	C. Dietrichs.....	840,998	Jan. 8	2415	528	126	657
Concrete walls. Constructing.....	V. S. Vaughan.....	841,829	Jan. 22	4103	883	126	1169
Concrete walls. Making.....	J. L. Given.....	843,937	Feb. 12	2169	464	126	2371
Concrete walls. Making.....	F. M. Jackson.....	850,758	Apr. 16	4123	863	127	2712
Concrete walls. Means for attaching articles to.....	H. McCann.....	861,600	July 30	5095	1397-8	129	1802
Concrete walls. Means for frost-proofing.....	J. H. Walz.....	869,280	Oct. 29	3248	895	130	2409
Concrete walls. Mold for constructing hollow.....	H. J. Houpt.....	841,867	Jan. 22	4178	900	126	1189
Concrete-work. Binding-sheet for.....	J. H. Schlaflay.....	840,016	Jan. 1	439	95	126	119
Concrete-work. Centering for reinforced.....	C. A. P. Turner.....	858,924	July 2	956	249	129	328
Concrete-work. Collapsible form for.....	O. S. Riblet.....	842,812	Jan. 29	6178	1305-6	126	1719
Concrete-work mold.....	F. M. Stults.....	873,138	Dec. 10	1739	364	131	1473
Condensation-preventer.....	E. O. Capen.....	845,029	Feb. 19	4586	975	126	3005
Condensation-preventer.....	E. O. Capen.....	865,081	Sept. 3	500	138	130	152
Condensation-water to the generator. Means for returning.....	W. Weckerle.....	841,748	Jan. 22	3922	849	126	1119
Condenser.....	N. H. Hiller.....	844,803	Feb. 19	4165	887-8	126	2900
Condenser.....	C. Ambrose and F. D. Schwartz.....	846,380	Mar. 5	1310	288-9	127	331
Condenser.....	C. A. Backstrom and P. G. Roesti.....	853,335	May 14	1971	408	128	539
Condenser.....	W. S. Johnson.....	854,650	May 21	4553	950	128	1231
Condenser.....	F. C. Roberts.....	857,675	June 25	4329	915	128	2892
Condenser.....	C. E. Currier.....	860,449	July 16	3280	896	129	1148
Condenser.....	R. D. Tomlinson.....	863,115	Aug. 13	1644	441	129	2627
Condenser.....	R. Schneider.....	864,925	Sept. 3	257	68	130	81
Condenser.....	O. A. Nenninger.....	867,833	Oct. 8	928	264-5	130	1616
Condenser.....	J. Zellweger.....	869,342	Oct. 29	3359	925	130	2441
Condenser.....	N. S. Hopkins.....	873,751	Dec. 17	2955	626	131	1709

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Condenser. Acid.	J. Broome	850,517	Apr. 16	3660	765	127	2596
Condenser and centrifugal vacuum-pump. Jet.	B. Thoens	864,811	Sept. 3	70	20	130	24
Condenser and making the same. Electrical.	R. C. Lanphier	850,166	Apr. 16	2982	625	127	2419
Condenser apparatus.	I. S. Davis	858,265	June 25	5526	1180	128	3195
Condenser. Barometric.	H. D. Baragwanath	863,577	Aug. 20	2322	636	129	2866
Condenser cleaner. Steam.	C. Mild	864,664	Aug. 27	4013	1114	129	3425
Condenser. Electric	I. Mossicki	854,662	May 21	4574	955	128	1237
Condenser. Electric	F. S. Koch	873,053	Dec. 10	1580	331	131	1445
Condenser. Electrical	S. A. Beyland	859,731	July 9	2178	589	129	757
Condenser for combers. Waste.	S. D. Bennett and G. Sylvia	848,625	Apr. 2	12	3	127	1588
Condenser. Jet.	E. Koerting	847,010	Mar. 12	2588	568	127	687
Condenser. Mercury.	C. F. Brown	847,547	Mar. 19	3658	806	127	985
Condenser. Metallurgical.	W. M. Johnson	851,520	Apr. 23	5619	1177	127	3124
Condenser plant.	R. D. Tomlinson	863,116	Aug. 13	1646	441	129	2628
Condenser. Refrigerator.	W. J. Woodcock	854,976	May 28	5236	1091	128	1436
Condenser. Sectional.	W. Van den Heuvel	849,944	Apr. 9	2577	535	127	2280
Condenser. Steam.	C. Ambrose and F. D. Schwartz	846,379	Mar. 5	1305	287-8	127	329
Condenser. Steam.	G. Rennerfelt	847,605	Mar. 19	3776	828	127	1015
Condenser. Steam.	S. Thurstensen	847,709	Mar. 19	4006	876	127	1071
Condenser. Steam.	G. W. Pendleton	870,461	Nov. 5	934	254	131	304
Condenser. Surface	C. N. Tatarnicoff	849,866	Apr. 9	2448	501	127	2247
Condenser. Surface	J. M. Thompson	860,620	July 16	3550	974	129	1236
Condenser. Surface	W. Schwanhauser	862,515	Aug. 6	693	187-8	129	2302
Condenser. Surface	L. R. Alberger	868,388	Oct. 15	1844	518	130	1916
Condenser. Surface	L. R. Alberger	868,389	Oct. 15	1847	519	130	1917
Condenser. Surface	L. R. Alberger	868,390	Oct. 15	1851	519-20	130	1919
Condenser system. Steam-engine	F. H. Daniels	853,772	May 14	2837	583	128	763
Condiment-holder. Compound	L. B. Parker	843,356	Feb. 5	1049	217	126	2054
Conductor-pipe machine	S. M. Schmeltzer	845,437	Feb. 26	5398	1146	126	3248
Conductors. Horizontal support for.	L. Steinberger	853,745	May 14	2787	572	128	750
Conductor's signal	I. P. Smith	860,158	July 16	2834	774	129	1004
Conduit.	L. A. Jones	840,066	Jan. 1	550	119	126	147
Conduit.	G. Russell	855,985	June 4	1051	218	128	1959
Conduit-box.	C. A. Hinsdill	849,395	Apr. 9	1554	315	127	2020
Conduit coupling. Electrical.	J. A. Neth	849,417	Apr. 9	1583	321	127	2028
Conduit. Frost-proof.	H. H. Macomber	854,366	May 21	4026	833	128	1103
Conduit-sections. Apparatus for aligning.	J. T. Rice	871,067	Nov. 12	1899	519-20	131	644
Conduit. Sidewalk.	J. B. Thacher	848,068	Mar. 26	4764	1039	127	1290
Conduit-threading device	A. H. De Voe	873,996	Dec. 17	3431	730-1	131	1790
Conduit-traveler	L. D. Shaffer	850,797	Apr. 16	4185	878	127	2727
Conduits. Adjusting means for interlocking.	J. L. Fay	850,825	Apr. 16	4246	892	127	2744
Conduits and the like. Junction-piece for branches of air.	C. H. Mower	862,649	Aug. 6	917	246	129	2368
Conduits. Plug for sealing underground.	W. L. McGowan	849,415	Apr. 9	1580	321	127	2027
Conduits. Pulling-box for.	A. Hawkinson	844,354	Feb. 19	3009	643	126	2619
Confection-baking apparatus.	E. H. Lanier and F. K. Driesbach.	845,557	Feb. 26	5634	1193	126	3307
Confection-forming machine.	W. W. Lysinger	844,883	Feb. 19	4313	920	126	2937
Confections and other articles. Machine for forming and wrapping	D. T. Igou	852,560	May 7	363	65-9	128	99
Confections and other articles. Machine for wrapping	D. T. Igou	852,664	May 7	590	112-14	128	154
Confections. Machine for immersing cores or centers of	L. N. Hartog	851,236	Apr. 23	5056	1064	127	2985
Confections. Machine for immersing the cores or centers of	L. N. Hartog	857,401	June 18	3798	805-6	128	2727
Confectionery. Article of.	G. Heppe	873,369	Dec. 10	2208	460	131	1549
Confectionery-coating machine.	W. H. Weeks	866,702	Sept. 24	2985	847	130	1023
Confectionery-machine.	A. S. Jacolucci	857,179	June 18	3391	716	128	2625
Confectionery material. Machine for depositing liquid.	L. A. Berg	874,560	Dec. 24	4631	972-3	131	2007
Connecting and spacing clip.	R. A. Cummings	871,210	Nov. 19	2211	585	131	736
Connecting device.	G. A. Schnauffer and H. G. Smock	870,471	Nov. 5	946	258	131	308
Connecting mechanism.	H. E. Smith	866,529	Sept. 17	2720	760	130	912
Connecting-pin.	J. R. Reniff	845,121	Feb. 26	4782	1014	126	3097
Connecting-rod.	J. F. Willeke	851,047	Apr. 23	4675	982	127	2892
Connecting-rod head.	W. W. Sleeman	849,642	Apr. 9	2029	416	127	2140
Connecting-rod heads. Wedge-adjusting device for.	J. P. Henry	855,003	May 28	5297	1101	128	1451
Connector.	E. T. Greenfield	861,458	July 30	4891	1341	129	1735
Contact adjustment.	G. L. Patterson	872,146	Nov. 26	4220	1007	131	1075
Contact-breaker. Extra-highly-vibrating.	G. Mamy	842,407	Jan. 29	5311	1126	126	1507
Contact-chamber.	W. C. Ferguson	857,389	June 18	3780	801	128	2723
Contact device.	C. J. Harter	866,646	Sept. 24	2906	818	130	1000
Contact for third-rail systems. Interrupted.	A. S. Katzman and H. A. Vize-thann	847,080	Mar. 12	2730	602	127	720
Contact-pole retriever.	J. F. Mackin	860,681	July 23	3646	999	129	1302
Contact-shoe. Third-rail.	S. B. Stewart, Jr.	869,465	Oct. 29	3556	975	130	2504
Container-top.	J. R. Harbeck	853,547	May 14	2371	494	128	641
Container-top.	J. R. Harbeck	867,500	Oct. 1	412	117	130	1444
Continuous furnace.	E. Norton and H. C. Shaw	874,530	Dec. 24	4575	959-60	131	1998
Contractible mold.	G. Georgenson and J. E. Henn.	841,504	Jan. 15	3448	742	126	969
Contractible mold.	G. Georgenson and J. E. Henn. (Reissue.)	12,639	Apr. 23	5868	1226	127	3185
Control apparatus.	A. T. Crocker	872,990	Dec. 3	1398	293-4	131	1388
Control apparatus.	A. T. Crocker	872,991	Dec. 3	1401	294	131	1388
Control device. Safety	A. M. Mattice	863,197	Aug. 13	1767	475	129	2667
Control system.	H. E. White and H. C. Pease	845,023	Feb. 19	4571	974	126	3000
Control system.	R. P. Jackson	851,664	Apr. 30	5957	1240	127	3235
Control system.	G. H. Hill	869,976	July 23	4109	1126	129	1452
Control system.	E. R. Carichoff	867,476	Oct. 1	369	107	130	1427
Control system.	A. S. Mann	868,464	Oct. 15	1963	548	130	1953
Control system.	L. M. Aspinwall	869,824	Oct. 29	4113	1137	130	2671
Control system.	G. H. Hill	872,563	Dec. 3	525	109	131	1248
Control system.	G. H. Hill	872,938	Dec. 3	1291	274-5	131	1371

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Control system.....	F. Darlington and O. S. Schairer.	873,351	Dec. 10	2171	453	131	1542
Control system.....	H. L. Beach.	874,559	Dec. 24	4626	972	131	2007
Control system.....	H. D. James.	875,663	Dec. 31	6943	1447	131	2390
Control system. Alternating-direct-current.....	H. L. Beach.	874,558	Dec. 24	4623	972	131	2006
Control system. Multiple-voltage.....	H. D. James.	875,584	Dec. 31	6664	1391	131	2362
Controller.....	H. E. White.	845,024	Feb. 19	4575	974	126	3001
Controller.....	W. Cooper and C. W. Johnson.	845,528	Feb. 26	5578	1182	126	3293
Controller.....	M. Kelly.	858,399	July 2	56	16	129	20
Controller.....	L. J. Monahan.	859,186	July 2	1344	357	129	454
Controller.....	T. von Zweigbergk.	861,790	July 30	5391	1487	129	1889
Controller.....	C. E. Lord.	868,573	Oct. 15	2127	594-5	130	2006
Controller.....	E. W. Stull.	869,812	Oct. 29	4098	1131-2	130	2665
Controller.....	F. W. Garrett.	870,555	Nov. 12	1073	292	131	379
Controller.....	L. L. Tatum.	870,595	Nov. 12	1125	308	131	397
Controller.....	T. Gilmore, Jr.	871,220	Nov. 19	2228	589	131	738
Controller.....	A. T. Crocker.	872,329	Dec. 3	17	3-4	131	1172
Controller.....	E. W. Stull.	873,805	Dec. 17	3055	649-50	131	1727
Controller.....	E. W. Stull.	874,638	Dec. 24	4782	1004	131	2034
Controller and circuit-breaker. Combined.....	W. M. Scott.	872,154	Nov. 26	4230	1010	131	1077
Controller. Automatic.....	A. E. Osborn.	860,882	July 23	3957	1085	129	1402
Controller. Automatic accelerating.....	A. C. Eastwood.	867,810	Oct. 8	897	255	130	1607
Controller-handles. Locking mechanism for.....	A. S. Cubitt.	867,482	Oct. 1	378	109-10	130	1430
Controller-operating means.....	A. J. Brown.	854,688	May 21	4627	964	128	1250
Controller-operating mechanism.....	C. T. Crocker.	868,531	Oct. 15	2070	580	130	1986
Controller-operating mechanism.....	C. Fleming.	872,720	Dec. 3	851	177	131	1301
Controller-regulator.....	E. W. Stull.	867,168	Sept. 24	3710	1050	130	1258
Controller-regulator.....	C. P. Ebersole.	874,173	Dec. 17	3831	808	131	1847
Controller. Series-parallel.....	A. C. Eastwood.	867,809	Oct. 8	893	253-5	130	1606
Controller. Three-wire reversible-drum.....	T. E. Barnum.	844,652	Feb. 19	3843	814-15	126	2816
Controlling and positioning device.....	B. O. Hale.	844,350	Feb. 19	2995	641	126	2615
Controlling apparatus.....	W. J. Richards.	858,468	July 2	166	43-4	129	59
Controlling device.....	F. J. Slifka.	860,339	July 16	3107	849	129	1091
Controlling device.....	E. C. Smith.	861,613	July 30	5119	1406	129	1809
Controlling device.....	A. E. Handy.	865,383	Sept. 10	969	278-9	130	322
Controlling device.....	J. Howell.	872,347	Dec. 3	58	12	131	1178
Controlling mechanism.....	H. W. Cheney.	864,446	Aug. 27	3641	1013	129	3311
Controlling mechanism.....	H. W. Cheney.	871,205	Nov. 19	2195	583	131	734
Controlling mechanism.....	J. J. Nef.	874,229	Dec. 17	3959	835	131	1867
Controlling-switch.....	H. E. White.	861,239	July 23	4506	1234	129	1581
Converter.....	I. Kitsee.	847,008	Mar. 12	2586	568	127	687
Converter.....	R. Baggaley.	865,671	Sept. 10	1427	405	130	467
Converter.....	R. Baggaley.	870,925	Nov. 12	1679	462	131	576
Converter plant.....	H. H. Campbell.	843,582	Feb. 12	1503	318-19	126	2201
Converter system. Rotary.....	W. S. Rugg.	851,695	Apr. 30	6009	1255	127	3255
Converters and furnaces. Means for increasing the air-blast of.....	R. Baggaley, C. M. Allen, and E. W. Lindquist.	871,079	Nov. 12	1913	524-6	131	649
Convertible table.....	F. A. Richter.	850,056	Apr. 9	2763	580-1	127	2323
Conveyor.....	C. W. Levalley.	840,502	Jan. 8	1448	319	126	416
Conveyor.....	F. R. Willson, Jr.	840,729	Jan. 8	1892	416-17	126	527
Conveyor.....	J. H. Bell.	842,611	Jan. 29	5751	1215	126	1615
Conveyor.....	W. H. Morenus and F. R. Jones.	842,900	Feb. 5	113	27	126	1818
Conveyor.....	J. A. Jamieson.	843,018	Feb. 5	361	78-9	126	1883
Conveyor.....	C. O. Gustavsen.	843,676	Feb. 12	1677	355	126	2248
Conveyor.....	J. F. Doehle.	846,402	Mar. 5	1358	299	127	343
Conveyor.....	J. T. Wilmore.	849,345	Apr. 2	1454	295	127	1957
Conveyor.....	E. H. Spear.	851,701	Apr. 30	6017	1257-8	127	3255
Conveyor.....	L. C. Kylo.	851,760	Apr. 30	6123	1280	127	3283
Conveyor.....	C. F. Stewart.	853,269	May 14	1815	378	128	492
Conveyor.....	B. M. Steele.	853,652	May 14	2587	537-8	128	697
Conveyor.....	A. L. Haines.	854,734	May 28	4743	986	128	1309
Conveyor.....	H. B. Arden.	855,425	May 28	6104	1276	128	1653
Conveyor.....	W. T. James.	856,527	June 11	2141	439-40	128	2269
Conveyor.....	A. H. Dahl and A. E. Whitely.	856,682	June 11	2451	504-5	128	2349
Conveyor.....	C. F. Clements.	859,900	July 9	2435	662	129	837
Conveyor.....	J. D. Travis.	865,455	Sept. 10	1079	308	130	357
Conveyor.....	G. C. Horst.	865,591	Sept. 10	1307	371	130	425
Conveyor.....	J. M. Griffith.	867,124	Sept. 24	3635	1031-2	130	1231
Conveyor.....	C. Bradford.	870,614	Nov. 12	1162	316	131	411
Conveyor.....	S. F. Joor.	874,365	Dec. 17	4225	890	131	1911
Conveyor.....	L. S. Straight.	874,636	Dec. 24	4778	1003	131	2033
Conveyor.....	J. H. Weston.	865,837	Sept. 10	1709	474	130	567
Conveyor and elevator.....	M. C. Schwab.	848,774	Apr. 2	314	64	127	1666
Conveyor and staircase. Combined.....	M. C. Schwab.	849,340	Apr. 2	1445	293	127	1955
Conveyor and staircase. Combined.....	E. Schaffner.	845,269	Feb. 26	5072	1078	126	3170
Conveyor-apron.....	H. G. Gimaca.	848,236	Mar. 26	5043	1102-3	127	1361
Conveyor. Apron.....	E. G. Thomas.	857,771	June 25	4537	958	128	2945
Conveyor. Belt.....	E. G. Thomas.	857,772	June 25	4539	958	128	2945
Conveyor. Belt.....	U. A. Garred.	841,858	Jan. 22	4160	896-7	126	1184
Conveyor. Cable.....	J. C. Barr.	842,056	Jan. 22	4540	976	126	1271
Conveyor. Circular floor.....	C. Bradford.	849,594	Apr. 9	1947	398-9	127	2119
Conveyor. Cross.....	M. C. Schwab.	852,459	May 7	149	26	128	46
Conveyor-door.....	M. C. Schwab.	852,460	May 7	150	27	128	46
Conveyor-door. Combination.....	G. von Hanfstaengel.	869,488	Oct. 29	3594	984	130	2514
Conveyor driving mechanism.....	F. A. M. Smulders.	850,684	Apr. 16	3991	834-5	127	2680
Conveyor. Endless.....	I. J. Smith.	843,239	Feb. 5	825	170-1	126	2004
Conveyor for excavating.....	J. R. George.	849,122	Apr. 2	1027	208	127	1851
Conveyor for metal bars.....	J. R. George.	863,842	Aug. 20	2726	751	129	2999
Conveyor for metal bars.....	J. R. George.	863,841	Aug. 20	2725	751	129	2999
Conveyor for metal rods.....	F. Brunotte.	864,507	Aug. 27	3737	1041	129	3344
Conveyor-grating.....	A. S. Dehler.	867,350	Oct. 1	188	54	130	1370
Conveyor. Gravity.....	C. H. Spence.	872,856	Dec. 3	1137	240	131	1345
Conveyor. Gravity.....	F. F. Waechter.	857,370	June 18	3746	793	128	2714
Conveyor idler. Belt.....	M. C. Schwab.	868,020	Oct. 15	1273	353	130	1745
Conveyor. Package.....	C. L. Groves.	843,806	Feb. 12	1907	409	126	2306
Conveyor. Pneumatic.....	E. M. Bassler.	851,054	Apr. 23	4686	985	127	2895

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Conveyer. Pneumatic.....	S. Olson.....	866,804	Sept. 24	3156	887	130	1085
Conveyer. Sheet-metal.....	G. Wenzelmann.....	871,381	Nov. 19	2593	664	131	793
Conveyer. Shifting.....	C. W. Camp.....	859,595	July 9	1976	533	129	694
Conveyer-stripper.....	S. Moe.....	865,263	Sept. 3	759	216	130	230
Conveyer system.....	J. H. Shay.....	852,204	Apr. 30	7044	1471	127	3519
Conveyer system.....	S. L. G. Knox.....	866,792	Sept. 24	3131	882	130	1078
Conveyer system.....	C. Merritt.....	867,739	Oct. 8	773	217	130	1568
Conveyer system.....	F. C. Hrdina.....	871,340	Nov. 19	2504	645-6	131	780
Conveyer. Traveling.....	I. H. Venn.....	857,125	June 18	3280	691-2	128	2597
Conveyer tripper or deliverer.....	C. K. Baldwin and L. Moss.....	847,309	Mar. 19	3167	697	127	857
Conveyers and for feeding machinery. Propelling endless aprons for.....	P. H. Ertheiler.....	840,446	Jan. 1	1329	294	126	347
Conveyers. Automatic feed-gear for.....	C. W. James.....	866,864	Sept. 24	3240	911	130	1110
Conveyers, &c. Carrying-roll for belt.....	R. W. Dull.....	857,610	June 25	4220	892	128	2864
Conveyers. Discharging apparatus for belt.....	T. A. Edison.....	861,819	July 30	5442	1499	129	1905
Conveyers. Filler apparatus for.....	K. Deesz.....	861,505	July 30	4948	1359	129	1755
Conveyers. Idler for belt.....	J. J. Ridgway.....	842,813	Jan. 29	6180	1306	126	1719
Conveyers. Rollers for belt.....	E. J. Mason.....	858,612	July 2	436	114	129	154
Conveyers. Tripper or deliverer for belt.....	B. Morton.....	840,579	Jan. 8	1610	353	126	455
Conveyers. Tripper or deliverer for belt.....	A. B. Proal, Jr.....	840,585	Jan. 8	1620	355-6	126	458
Conveyers. Tripper or deliverer for belt.....	E. H. Messiter.....	841,558	Jan. 15	3528	763	126	988
Conveying and mixing apparatus.....	L. K. Davis.....	864,451	Aug. 27	3647	1014	129	3313
Conveying and mixing machine.....	L. K. Davis.....	864,449	Aug. 27	3644	1014	129	3312
Conveying apparatus.....	J. H. Gilman.....	841,085	Jan. 8	2605	570	126	708
Conveying apparatus.....	J. Riling and C. W. Sagee.....	847,509	Mar. 19	3580	787	127	963
Conveying apparatus.....	F. H. Wolever.....	850,107	Apr. 9	2859	599	127	2348
Conveying apparatus.....	G. A. Amsden.....	851,790	Apr. 30	6180	1290	127	3298
Conveying apparatus.....	I. M. Henricks.....	853,976	May 21	3274	672	128	909
Conveying apparatus.....	B. C. and S. Crandall.....	857,924	June 25	4836	1025	128	3018
Conveying apparatus.....	E. N. Trump.....	860,706	July 23	3686	1008-10	129	1314
Conveying apparatus.....	T. S. Miller.....	862,748	Aug. 6	1073	289-90	129	2411
Conveying apparatus.....	J. T. Cowley.....	863,590	Aug. 20	2351	642	129	2877
Conveying apparatus.....	A. and J. M. Hall.....	865,777	Sept. 10	1586	448	130	516
Conveying apparatus.....	A. and J. M. Hall.....	865,778	Sept. 10	1588	448-9	130	516
Conveying apparatus.....	J. T. Cowley.....	866,264	Sept. 17	2341	652	130	792
Conveying apparatus.....	J. T. Cowley.....	866,337	Sept. 17	2455	685	130	822
Conveying apparatus.....	J. T. Cowley.....	866,338	Sept. 17	2458	686	130	829
Conveying apparatus.....	J. T. Cowley.....	869,295	Oct. 29	3277	902-3	130	2417
Conveying apparatus.....	J. T. Cowley.....	869,296	Oct. 29	3280	903-4	130	2419
Conveying apparatus.....	J. T. Cowley.....	869,350	Oct. 29	3374	927-8	130	2447
Conveying apparatus.....	J. T. Cowley.....	869,351	Oct. 29	3375	928-9	130	2447
Conveying apparatus.....	T. S. Miller.....	874,223	Dec. 17	3948	833	131	1865
Conveying apparatus.....	T. S. Miller.....	875,199	Dec. 31	5918	1233-4	131	2241
Conveying apparatus. Tripper or deliverer for.....	T. Robins, Jr., and C. K. Baldwin.....	840,587	Jan. 8	1624	356-7	126	459
Conveying apparatus. Tripper or deliverer for.....	L. Moss.....	863,202	Aug. 13	1774	477	129	2670
Conveying device.....	C. Gruhl.....	852,504	May 7	254	46	128	71
Conveying device.....	J. D. Musser.....	867,995	Oct. 15	1236	342	130	1734
Conveying earth, &c. Machinery for.....	S. Lloyd and A. R. Grossmith.....	852,885	May 7	1063	218-19	128	271
Conveying loads between points of varying distance. Apparatus for.....	W. Mollier.....	854,052	May 21	3427	707	128	945
Conveying loads from one level to another. Apparatus for.....	E. Keimer.....	866,475	Sept. 17	2648	740	130	891
Conveying-machine.....	P. A. Robbins.....	870,050	Nov. 5	275	75	131	94
Conveying system.....	A. C. McCord.....	857,096	June 18	3235	680	128	2584
Cooker.....	C. U. Barlow.....	848,528	Mar. 26	5620	1230	127	1502
Cooker.....	A. Major.....	850,028	Apr. 9	2703	568	127	2309
Cooker.....	A. K. Schulte.....	850,060	Apr. 9	2769	582	127	2325
Cooker and processor. Agitating.....	J. Jennings.....	865,645	Sept. 10	1387	393-4	130	453
Cooker. Automatic steam.....	W. H. Johnson.....	867,660	Oct. 8	660	186	130	1534
Cooker. Fireless.....	C. W. Reynolds.....	860,991	July 23	4146	1135	129	1463
Cooker for oil-bearing meal and the like. Steam.....	A. W. French.....	852,058	Apr. 30	6776	1410	127	3451
Cooker. Fruit.....	M. F. Holbrook.....	852,385	Apr. 30	7389	1550	127	3603
Cooker. Steam.....	N. N. Chase.....	840,823	Jan. 8	2063	457	126	568
Cooker. Steam.....	C. E. Swartzbaugh.....	843,240	Feb. 5	827	171	126	2004
Cooker. Steam.....	A. S. Willy.....	848,081	Mar. 26	4783	1043	127	1294
Cooker. Steam.....	C. S. Eppley and M. E. Stone-sifer.....	850,824	Apr. 16	4244	892	127	2744
Cooker. Steam.....	A. R. Smith.....	859,623	July 9	2017	544	129	707
Cookers and exhausters. Conveying means for can.....	M. W. Groom.....	874,330	Dec. 17	4159	875	131	1900
Cooking and washing apparatus.....	J. B. Conger.....	847,731	Mar. 19	4047	884-5	127	1080
Cooking apparatus.....	V. W. Blanchard.....	849,318	Apr. 2	1397	280-1	127	1944
Cooking apparatus.....	W. F. Mills.....	851,018	Apr. 23	4616	968	127	2877
Cooking apparatus.....	G. R. Prowse.....	851,252	Apr. 23	5091	1071	127	2993
Cooking apparatus.....	J. R. Adams.....	853,147	May 7	1556	323	128	393
Cooking apparatus.....	J. L. Reeves.....	866,386	Sept. 17	2528	704	130	852
Cooking apparatus. Heating device for camp.....	K. Hofmann.....	857,063	June 18	3167	666	128	2570
Cooking apparatus. Steam.....	W. C. Salmon.....	847,117	Mar. 12	2792	617	127	735
Cooking apparatus. Steam.....	B. J. Hendricks.....	857,523	June 18	4035	859	128	2786
Cooking apparatus. Steam.....	W. F. Lorentzen.....	872,242	Nov. 26	4417	1049	131	1106
Cooking-iron.....	A. Andresen.....	866,179	Sept. 17	2222	620	130	755
Cooking or culinary utensil.....	L. J. Ellis.....	875,509	Dec. 31	6523	1360	131	2339
Cooking-pan.....	D. and K. Lewis.....	861,297	July 30	4616	1262	129	1652
Cooking-pot.....	E. Duerr.....	848,816	Apr. 2	443	87	127	1699
Cooking utensil.....	A. H. Meyer.....	843,905	Feb. 12	2105	451	126	2354
Cooking utensil.....	H. R. Barnard.....	847,225	Mar. 12	3006	663	127	789
Cooking utensil.....	J. Rossiger.....	848,209	Mar. 26	4993	1091	127	1348
Cooking utensil.....	J. R. Donnelly.....	850,143	Apr. 16	2940	615	127	2408
Cooking utensil.....	M. C. Bacon and M. Baldrige.....	856,509	June 11	2104	432	128	2261
Cooking utensil.....	J. Behringer.....	856,671	June 11	2437	501	128	2345
Cooking utensil.....	S. Fine.....	857,167	June 18	3366	710	128	2618
Cooking utensil.....	J. Buckley.....	862,132	Aug. 6	17	5	129	2085
Cooking utensil.....	M. Haberman.....	862,903	Aug. 13	1307	355	129	2518
Cooking utensil.....	J. Fitzgerald.....	863,911	Aug. 20	2830	779	129	3032
Cooking utensil.....	J. McGill.....	866,157	Sept. 17	2190	610	130	745

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Cooking utensil	C. A. Vogler	866,409	Sept. 17	2558	713	130	862
Cooking utensil	J. W. Brown	869,690	Oct. 29	3925	1081	130	2615
Cooking utensil	M. Harloe	869,903	Nov. 5	47	14	131	17
Cooking utensil	L. G. Fagersten	870,873	Nov. 12	1597	438	131	550
Cooking utensil	W. J. Loudenslager and J. E. Morris	873,672	Dec. 10	2770	587	131	1649
Cooking-utensil cover	P. F. Gaenzle	840,762	Jan. 8	1953	430	126	542
Cooking-utensil guard	M. K. Giessel	849,228	Apr. 2	1233	250	127	1903
Cooking-utensil handle or knob	A. Wickwar	841,364	Jan. 15	3178	684	126	897
Cooking-utensil holder and sad-iron heater. Combined	M. B. Bassett	856,935	June 11	2901	608	128	2459
Cooking-utensil scraper	H. E. Bryan	842,074	Jan. 22	4570	982	126	1278
Cooking utensils. Heat-distributor for	A. B. Cruickshank	864,518	Aug. 27	3768	1047	129	3352
Cooking utensils, &c. Locking-cover for	A. Gurney	853,691	May 14	2670	550	128	720
Cooking vessel	M. J. Corbell	846,010	Mar. 5	592	123	127	151
Cooking vessel	B. F. Burchfield and E. Conner	866,911	Sept. 24	3301	932	130	1130
Cooking-vessel lid	L. Reaser	852,677	May 7	623	119	128	162
Cooking vessels. Audible alarm for electric	J. I. Ayer	875,310	Dec. 31	6126	1278	131	2275
Cooky-making machine	F. Werner	859,999	July 16	2606	708	129	926
Cooler:							
See Air-cooler.	Gas-cooler.						
Beer-cooler.	Liquid-cooler.						
Cream-cooler.	Milk-cooler.						
Engine-cooler.	Water-cooler.						
Fluid-cooler.							
Cooler	L. H. Brinkman	843,864	Feb. 12	2018	433	126	2332
Cooler	H. T. Thomas	851,844	Apr. 30	6306	1315-16	127	3332
Cooler	S. L. Joyner, Jr.	864,650	Aug. 27	3990	1107	128	3418
Cooler	E. Neely	868,287	Oct. 15	1669	472	130	1866
Cooler	F. J. D. Hüllinghorst	872,427	Dec. 3	234	46-7	131	1204
Cooling and ventilating system	K. C. Randall	853,375	May 14	2043	423	128	556
Cooling apparatus	H. J. Vasconcelles	842,595	Jan. 29	5720	1209	126	1607
Cooling apparatus	W. Helm	849,998	Apr. 9	2660	558	127	2300
Cooling apparatus	W. Griesser	872,175	Nov. 26	4272	1020-1	131	1085
Cooling attachment	T. A. Aiton	849,711	Apr. 9	2150	442	127	2170
Cooling-bed and conveyor	J. A. Smitmans	870,592	Nov. 12	1121	306-7	131	396
Cooling-board head-rest. Adjustable	A. N. Wise	845,916	Mar. 5	399	81	127	103
Cooling heated surfaces. Means for	J. H. Sager	871,636	Nov. 19	3119	774	131	876
Cooling system	K. C. Randall	853,263	May 14	1800	375	128	488
Cooling the interiors of receptacles. Means for	A. R. Clarke	858,704	July 2	592	155	129	204
Coop. Brooding	A. L. J. S., Jr., and J. F. Bennington	858,643	July 2	500	129	129	174
Coop or crate	O. J. La Baume	855,790	June 4	668	137	128	1866
Cop and spindle connector	E. J. Prue	860,326	July 16	3089	844	129	1086
Cop-tube	E. H. Guerin	847,177	Mar. 12	2907	640	127	764
Cop-tube	W. Koehler	851,095	Apr. 23	4768	1002	127	2914
Copies. Producing multiple and backed	F. G. J. Post	858,023	June 25	5067	1073	128	3077
Copy-holder	H. D. Penny	862,993	Aug. 13	1434	390-1	129	2559
Copy-holder	C. H. Harris	867,128	Sept. 24	3641	1035	130	1233
Copy-holder	C. C. Price	867,301	Oct. 1	109	34	130	1347
Copy-holder	E. B. Duke	867,808	Oct. 8	892	253	130	1606
Copy-holder	H. E. Penney	870,991	Nov. 12	1797	489-90	131	612
Copy-holder	N. J. Schlingloff	873,902	Dec. 17	3250	694	131	1759
Copy-holder	J. Gramelspacher	875,170	Dec. 31	5860	1223	131	2231
Copy-holder attachment	T. E. Ford	854,478	May 21	4238	877	128	1154
Copy-holder. Stenographer's	A. B. Reid	842,115	Jan. 22	4647	998	126	1298
Copying and manifold device	E. M. Wolf	863,480	Aug. 13	2174	588	129	2793
Copying-machine	D. T. Marshall	845,730	Feb. 26	5977	1263	126	3392
Copying-machine	A. D. Klaber	848,556	Mar. 26	5662	1240	127	1513
Copying-machine	A. D. Klaber	848,594	Mar. 26	5758	1258	127	1539
Copying-machine	F. Soennecken	869,593	Oct. 29	3767	1031	130	2568
Copying-press	E. Eulenstein	870,553	Nov. 12	1072	291-2	131	379
Copying roller. Press	H. Spingler	861,227	July 23	4486	1230	129	1573
Copying rollers. Moistener and casing for press	H. Spingler	860,833	July 23	3880	1062	129	1377
Copper and other metals. Electrodeposition of	S. O. Cowper-Coles	873,508	Dec. 10	2459	518	131	1595
Copper and other metals from roasted pyrites. Extraction of	A. Tixier and C. Tortel	875,012	Dec. 31	5560	.....	131	2181
Copper and other metals from their ores. Recovery of	C. H. Ehrenfeld and J. R. Grove	866,849	Sept. 24	3216	.....	130	1103
Copper. Extracting	O. Frölich	846,657	Mar. 12	1904	.....	127	515
Copper from its ores. Electrometallurgical process for extracting	L. Jumau	867,046	Sept. 24	3519	.....	130	1197
Copper. Hardening	R. T. Anderson	845,606	Feb. 26	5714	.....	126	3327
Copper. Obtaining pure	L. Jumau	870,786	Nov. 12	1461	.....	131	507
Copper-refining apparatus	F. L. Antisell	875,641	Dec. 31	6880	1436	131	2382
Copper-refining furnace	R. Baggaley	846,891	Mar. 12	2373	521-2	127	634
Copper salts from alkaline liquors. Removing	R. Linkmeyer	866,371	Sept. 17	2513	.....	130	848
Copper solutions. Preparation of ammoniacal	A. Lecœur	863,802	Aug. 20	2664	.....	129	2979
Copper solutions. Purification of ammoniacal	A. Lecœur	863,801	Aug. 20	2664	.....	129	2979
Copper sulfate. Obtaining pure	R. Conedera	866,625	Sept. 24	2869	811	130	992
Copper. Treatment of silicate of	G. H. Waterbury	847,448	Mar. 19	3469	.....	127	933
Cord-adjuster	H. G. Chatfield	860,189	July 16	2877	786	129	101
Cord-adjuster	G. A. Robinson	865,531	Sept. 10	1221	348	130	400
Cord and rope machine appliance	P. M. Stegmaier	844,971	Feb. 19	4453	951	126	2971
Cord-fastener	H. Hellweg	842,459	Jan. 29	5446	1154	126	1544
Cord-knotter	R. H. Jahns	872,182	Nov. 26	4286	1024	131	1087
Cord or string cutter	A. F. Hoffman	844,868	Feb. 19	4285	914	126	2930
Cord or twine holder	H. M. Danker	874,168	Dec. 17	3825	806	131	1846
Cords, &c. Apparatus for determining the strength of	L. E. Knott	852,963	May 7	1218	251	128	310
Core	F. W. Young	844,642	Feb. 19	3813	807	126	2809
Core and casting	R. Milne	875,448	Dec. 31	6407	1337	131	2320
Core-arbor	R. Yates	860,510	July 16	3360	923	129	1175
Core-arbor	E. H. Profit	866,961	Sept. 24	3384	958	130	1156
Core-bar	C. S. Humphrey	874,769	Dec. 24	5041	1061	131	2076
Core-barrel. Collapsible	G. D. Fairleigh	841,494	Jan. 15	3428	739	126	964

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Core-box.....	A. J. Bazeley.....	869,224	Oct. 29	3161	871-2	130	2380
Core-box.....	W. F. Rice.....	873,170	Dec. 10	1807	379	131	1483
Core-box.....	W. F. Rice.....	873,684	Dec. 10	2801	596-7	131	1654
Core-box-filling apparatus.....	E. E. Witham.....	875,228	Dec. 31	5976	1245	131	2250
Core. Collapsible.....	W. C. State.....	865,064	Sept. 3	478	132	130	144
Core. Collapsible.....	J. A. Walker.....	870,144	Nov. 5	416	115	131	138
Core. Collapsible.....	G. F. McKee and W. F. Schilling.....	875,097	Dec. 31	5723	1192	131	2208
Core-drill.....	G. E. Okell.....	842,577	Jan. 29	5667	1198	126	1594
Core-drill.....	R. M. Downie.....	848,227	Mar. 26	5024	1098-9	127	1356
Core-drill.....	R. M. Downie.....	854,570	May 21	4413	916	128	1197
Core for rolls.....	E. Riley.....	848,855	Apr. 2	521	104	127	1721
Core forming and holding device. Sand.....	B. F. Hobert.....	845,786	Mar. 5	105	20	127	30
Core-molding machine.....	U. G. Augustine.....	840,737	Jan. 8	1914	421-2	126	532
Core-pressing apparatus.....	P. Eriksson and S. P. Nielsen.....	866,852	Sept. 24	3218	905	130	1104
Core-separator.....	J. P. Mallett.....	850,116	Apr. 9	2885	603	127	2353
Core-support and bearing member.....	W. Fairchild.....	865,775	Sept. 10	1584	447	130	516
Core-supporting frame.....	M. D. Waldron.....	867,688	Oct. 8	699	196	130	1547
Core. Wire-barb mold.....	F. L. Antisell.....	867,693	Oct. 8	707	197	130	1542
Cores. Producing laminae for transformer.....	W. A. Hall.....	843,747	Feb. 12	1800	384	126	2279
Corer. Fruit.....	P. J. Eby.....	861,442	July 30	4872	1335	129	1730
Corer. Fruit and vegetable.....	J. Baker.....	857,512	June 18	4014	855	128	2781
Coring and slicing machine. Fruit.....	P. Hansen and G. W. Foote.....	849,233	Apr. 2	1238	252	127	1905
Coring device. Apple.....	E. C. Hedborg.....	867,970	Oct. 15	1197	331	130	1729
Cork and making the same. Artificial.....	J. Serra (y Carbó).....	846,251	Mar. 5	1059	.....	127	270
Cork cutting and tapering machine.....	J. A. Hellstrom and G. W. Exler.....	841,646	Jan. 15	3705	805-6	126	1032
Cork cutting and tapering machine.....	J. A. Hellstrom and G. W. Exler.....	867,822	Oct. 8	912	259	130	1611
Cork-cutting machine.....	F. Schaumburg.....	864,198	Aug. 27	3271	906-7	129	3194
Cork-cutting machine.....	H. F. Busch.....	865,345	Sept. 3	907	260	130	274
Cork-end grinding or polishing machine.....	O. Irwin.....	853,881	May 14	3068	629-30	128	817
Cork-extractor.....	J. B. Dodge.....	854,812	May 28	4902	1019	128	1349
Cork-extractor.....	R. B. Gilchrist.....	857,992	June 25	4996	1055-6	128	3060
Cork-extractor.....	R. O. Toan.....	871,006	Nov. 12	1816	495	131	617
Cork extractor. Bottle.....	A. P. Watt.....	872,485	Dec. 3	357	73	131	1223
Cork grinding or finishing machine.....	H. F. Busch.....	873,498	Dec. 10	2441	513-14	131	1591
Cork-holder.....	F. Young.....	859,716	July 9	2158	583	129	752
Cork-holder and bottle-stopper. Combined.....	J. M. Selden.....	850,403	Apr. 16	3434	720	127	2539
Cork-puller.....	H. Bitner.....	845,608	Feb. 26	5716	1211	126	3327
Cork-puller.....	G. Sparano.....	847,124	Mar. 12	2801	619	127	737
Cork-puller.....	C. S. Rees.....	850,184	Apr. 16	3022	633	127	2429
Cork-puller.....	H. Clark.....	875,323	Dec. 31	6166	1286	131	2278
Cork sheets. Method of and mechanism for making.....	J. H. Stone.....	842,356	Jan. 29	5186	1102	126	1469
Cork-wafer-cutting apparatus.....	H. F. Busch.....	850,519	Apr. 16	3663	765-6	127	2597
Corking-machine attachment.....	A. F. Biehler.....	863,501	Aug. 13	2213	597	129	2805
Corkscrew.....	M. E. Johnson.....	860,138	July 16	2807	766	129	994
Corn and brush knife.....	D. B. Date and A. B. Kugelmann.....	847,321	Mar. 19	3196	702	127	864
Corn and callus shaver.....	G. Havell.....	861,836	July 30	5466	1507	129	1913
Corn and fruit spoon.....	D. Schuyler.....	868,583	Oct. 15	2159	604	130	2020
Corn and its products. Bleaching and sterilizing.....	O. Zimmermann.....	853,940	May 14	3196	.....	128	850
Corn, &c. Apparatus for handling green.....	D. W. Archer.....	872,983	Dec. 3	1385	291-2	131	1385
Corn. Apparatus for heading kafir.....	T. H. Sparks.....	855,819	June 4	728	150-1	128	1879
Corn. Apparatus for processing sugar.....	L. S. Fleckenstein.....	851,511	Apr. 23	5602	1173	127	3120
Corn. Apparatus for the treatment of seed.....	P. Paulsen.....	849,567	Apr. 9	1893	386	127	2107
Corn-cap.....	W. E. Klokke.....	852,023	Apr. 30	6713	1395	127	3435
Corn-cribber. Automatic.....	M. L. Hurd.....	861,364	July 30	4731	1292-3	129	1689
Corn-cutter.....	A. C. Robey.....	845,123	Feb. 26	4786	1014	126	3098
Corn-cutting machine.....	J. Schaubert.....	853,997	May 21	3311	681-2	128	918
Corn. Device for testing the germinating power of seed.....	A. R. Francis.....	849,671	Apr. 9	2083	428	127	2153
Corn-drill.....	W. Kira.....	855,787	June 4	665	136	128	1865
Corn-drying shaft.....	D. Uhlhorn, Jr.....	865,546	Sept. 10	1242	353	130	406
Corn-ear rack.....	M. N. Flugum.....	874,318	Dec. 17	4141	871-2	131	1896
Corn-gathering machine.....	E. P. McClure and J. B. Loewenstein.....	850,390	Apr. 16	3407	714	127	2532
Corn-grader.....	C. Hunnicutt.....	864,894	Sept. 3	208	58	130	65
Corn-grader.....	C. Hunnicutt.....	870,515	Nov. 5	1011	275	131	326
Corn hanger. Seed.....	C. D. Snyder.....	856,818	June 11	2695	556	128	2411
Corn-horse.....	E. H. Devilbiss.....	851,000	Apr. 23	4582	960	127	2867
Corn-hulling machine. Green.....	W. Caldwell.....	840,296	Jan. 1	1011	221-2	126	272
Corn-husker.....	J. Covert.....	847,734	Mar. 19	4058	886	127	1082
Corn-husker.....	W. T. Caldwell.....	848,008	Mar. 26	4669	1017	127	1266
Corn-husker and fodder-shredder.....	J. R. Hall.....	852,271	Apr. 30	7159	1500-1	127	3547
Corn-husker band-cutter and feeder.....	F. J. Main and R. C. Wildhagen.....	849,075	Apr. 2	922	188-9	127	1823
Corn husker. Green.....	C. H. Bennett.....	864,065	Aug. 20	3049	843	129	3096
Corn-huskers. Self-feeder for.....	O. C. Moore.....	864,667	Aug. 27	4017	1115-16	129	3427
Corn-husking device.....	F. Shimerda.....	860,066	July 16	2710	738	129	961
Corn-husking machine.....	H. H. Bursell.....	843,866	Feb. 12	2021	434-5	126	2333
Corn-husking machine.....	J. H. Leidel.....	845,957	Mar. 5	477	97-8	127	124
Corn-husking machine.....	W. S. Ruse.....	848,497	Mar. 26	5560	1213-14	127	1488
Corn-husking machine.....	J. W. Paige.....	851,771	Apr. 30	6136	1283	127	3286
Corn-husking machine.....	W. B. Metcalf.....	857,565	June 18	4126	874-5	128	2808
Corn-husking machine.....	F. J. Fitzpatrick.....	864,238	Aug. 27	3326	920-1	129	3211
Corn-husking machine.....	G. A. and A. H. Welch.....	868,046	Oct. 15	1317	367	130	1758
Corn-husking-machine feeding mechanism.....	J. W. Paige.....	846,423	Mar. 5	1420	315	127	358
Corn-husking machine. Green.....	W. J. Latchford.....	863,857	Aug. 20	2747	755-6	129	3005
Corn-husking roll.....	J. W. and M. Hamm.....	867,035	Sept. 24	3505	995	130	1193
Corn-husking rolls.....	A. Rosenthal.....	873,610	Dec. 10	2675	564	131	1630
Corn-knife.....	W. C. Heimerdinger.....	843,602	Feb. 12	1535	325	126	2208
Corn-picker.....	J. H. Leidel.....	845,958	Mar. 5	479	98-9	127	124
Corn-picker.....	A. J. Brass.....	864,227	Aug. 27	3308	916-17	129	3206
Corn picker and husker.....	C. Pearson.....	846,049	Mar. 5	675	141-2	127	173
Corn-popper.....	J. Hodge.....	841,969	Jan. 22	4364	941	126	1230
Corn-popper.....	G. B. and J. H. Young.....	858,317	June 25	5615	1202	128	3217
Corn-popper.....	G. B. and J. H. Young.....	858,318	June 25	5617	1203	128	3217

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Corn-popper.....	G. B. and J. H. Young.....	875,483	Dec. 31	6472	1352	131	2331
Corn-popper handles. Means for protecting.....	C. D. Eymann.....	860,793	July 23	3819	1047	129	1357
Corn-popping apparatus.....	C. Cretors.....	862,964	Aug. 13	1395	380	129	2547
Corn-protector.....	L. C. Hasselman and H. M. Smith.....	852,328	Apr. 30	7258	1525	127	3570
Corn rack and germinator. Seed-.....	C. A. Dewey.....	841,128	Jan. 15	2710	592	126	778
Corn-separator.....	W. A. Werckle.....	868,898	Oct. 22	2664	737	130	2200
Corn-sheller.....	W. Bayley.....	840,466	Jan. 8	1367	304	126	397
Corn-sheller separator.....	S. Houts.....	866,362	Sept. 17	2501	697	130	845
Corn-shelling machine.....	J. A. Wilkinson.....	870,919	Nov. 12	1672	460	131	574
Corn-shock compressor.....	L. C. Guttery.....	853,013	May 7	1327	277	128	337
Corn-shock loader.....	D. T. Phillips.....	850,543	Apr. 16	3705	775	127	2609
Corn-shock loader.....	W. G. Osborn.....	860,317	July 16	3073	841	129	1080
Corn-shock loader and unloader.....	F. Johnson.....	845,955	Mar. 5	473	97	127	123
Corn-shock-tying device.....	A. Larson.....	863,289	Aug. 13	1908	516	129	2709
Corn-shocking machine.....	D. W. Smith.....	851,699	Apr. 30	6014	1256-7	127	3254
Corn-shocking machine.....	D. W. Smith.....	851,700	Apr. 30	6016	1257	127	3255
Corn-shocking mechanism.....	J. E. Simmonds.....	854,059	May 21	3449	710-12	128	952
Corn-silking machine.....	I. S. Merrell.....	856,894	June 11	2825	589	128	2443
Corn-sorter.....	L. P. Graham.....	845,230	Feb. 26	4990	1061	126	3149
Corn-sorter.....	L. P. Graham.....	845,231	Feb. 26	4992	1061	126	3149
Corn tester. Seed-.....	C. E. Twamley.....	863,474	Aug. 13	2161	584-5	129	2789
Corn tester. Seed-.....	C. E. Twamley.....	866,988	Sept. 24	3424	970-1	130	1168
Corn tester. Seed-.....	C. E. Twamley.....	866,989	Sept. 24	3426	971	130	1168
Corn-thinner.....	J. P. Bennett.....	849,654	Apr. 9	2053	421	127	2146
Corn-thinner.....	C. S. Shank.....	872,260	Nov. 26	4447	1057	131	1111
Cornstalks, sugar-cane, &c. Manufacturing products from.....	V. Drewsen.....	853,943	May 14	3199	.....	128	850
Corner-head.....	J. M. Coleman.....	846,938	Mar. 5	1354	298	127	342
Corner-head for the protection of plastered corners. Metal.....	G. S. Knapp.....	844,812	Feb. 19	4185	892	126	2904
Corner-head holder.....	J. Prescott.....	863,440	Aug. 13	2116	571	129	2776
Corner-brace.....	H. C. John.....	842,789	Jan. 29	6146	1297	126	1711
Corner-clamp for show-windows, show-cases, and the like.....	C. W. Condie.....	860,015	July 16	2633	715	129	936
Corner-shield and caster. Combined.....	A. J. H. Kuhsiek.....	843,153	Feb. 5	635	134	126	1956
Corner-strip.....	E. Nichols.....	844,391	Feb. 19	3083	662	126	2635
Coronet key-changing attachment.....	M. B. Kendis.....	847,340	Mar. 19	3235	713	127	873
Cornets, &c. Water-trap for.....	J. H. Viol.....	869,033	Oct. 22	2872	794	130	2264
Cornice-protector.....	T. Johnston.....	874,510	Dec. 24	4540	954	131	1991
Corrugated bar.....	A. L. Johnson.....	858,517	July 2	266	65	129	94
Corrugated bar.....	A. L. Johnson.....	858,518	July 2	268	66	129	95
Corrugated bar.....	A. L. Johnson.....	862,254	Aug. 6	234	66	129	2154
Corrugated pipe. Helically-.....	J. D. Isaacs and J. B. Speed.....	862,919	Aug. 13	1330	363	129	2527
Corrugating-machine.....	E. R. Stasch.....	862,210	Aug. 6	166	46	129	2135
Corset.....	E. Savoye.....	845,582	Feb. 26	5673	1202	126	3317
Corset.....	D. Kops.....	849,136	Apr. 2	1070	214	127	1863
Corset.....	E. B. Adams.....	858,319	June 25	5618	1203	128	3218
Corset.....	E. M. Jordan.....	858,722	July 2	624	163	129	216
Corset.....	S. S. Gaylord.....	858,867	July 2	878	228	129	302
Corset.....	G. Berggren.....	865,156	Sept. 3	595	167	130	180
Corset.....	A. Assorati.....	865,852	Sept. 10	1729	481	130	573
Corset.....	J. Lindauer.....	866,869	Sept. 24	3248	913	130	1113
Corset.....	J. G. Drennan.....	867,487	Oct. 1	386	111	130	1434
Corset.....	J. Lindauer.....	868,196	Oct. 15	1528	433	130	1822
Corset.....	C. H. Williams.....	872,876	Dec. 3	1178	251	131	1351
Corset.....	J. Lindauer.....	873,443	Dec. 10	2331	490	131	1573
Corset. Abdominal.....	M. M. Downer and G. E. Hawes.....	851,926	Apr. 30	6473	1349-50	127	3375
Corset and corset-waist.....	I. M. Bond.....	874,386	Dec. 24	4272	900	131	1951
Corset. Apparel.....	D. Kops.....	851,525	Apr. 23	5629	1179	127	3127
Corset. Apparel.....	A. H. Benjamin.....	873,489	Dec. 10	2421	509	131	1588
Corset attachment.....	N. Stoskopf.....	849,583	Apr. 9	1931	395	127	2115
Corset-busk.....	R. E. Legge.....	849,905	Apr. 9	2515	519	127	2264
Corset-busk.....	N. Damon.....	863,156	Aug. 13	1706	459	129	2646
Corset-clasp.....	C. H. Cunningham.....	840,918	Jan. 8	2267	499	126	619
Corset connection.....	W. H. Trebilcock.....	860,586	July 16	3482	957	129	1215
Corset-stay.....	J. R. Dean.....	868,763	Oct. 22	2461	680	130	2137
Corset-stay.....	H. M. McCormick.....	869,797	Oct. 29	4079	1126	130	2639
Corset-waist.....	M. W. Lavy.....	865,785	Sept. 10	1601	453	130	520
Corsets. Truss attachment for.....	I. Baer.....	840,285	Jan. 1	998	218	126	269
Corundum. Treatment of.....	M. Buchner.....	848,439	Mar. 26	5460	.....	127	1464
Cot-back. Adjustable.....	B. C. Leavitt.....	845,039	Feb. 19	4601	979	126	3009
Cot. Child's folding.....	F. A. Wildason.....	865,738	Sept. 10	1530	432	130	497
Cot. Douche.....	J. H. Herman.....	848,032	Mar. 26	4707	1026	127	1276
Cot. Extension.....	H. B. Whitlock.....	868,048	Oct. 15	1319	368	130	1759
Cot or divan. Folding.....	B. McIntosh.....	875,450	Dec. 31	6410	1337	131	2320
Cot or hammock hook and beam-socket.....	W. Houghton.....	841,251	Jan. 15	2938	639	126	835
Cotter.....	T. F. McAndrews.....	844,170	Feb. 12	2593	555	126	2473
Cotter-pin.....	F. E. Hite.....	872,180	Nov. 26	4284	1024	131	1087
Cotton and corn chopper.....	D. O. Graham.....	845,172	Feb. 26	4882	1035	126	3121
Cotton and corn stalk cutter.....	G. R. Robinson.....	852,349	Apr. 30	7296	1534	127	3580
Cotton-boll-opening machine.....	W. I. Lowe.....	840,784	Jan. 8	1997	441-2	126	553
Cotton-chopper.....	S. A. Cowart.....	840,439	Jan. 1	1314	290-1	126	343
Cotton-chopper.....	W. T. Walter.....	841,289	Jan. 15	3013	655	126	852
Cotton-chopper.....	H. R. Hurst.....	843,460	Feb. 5	1226	257	126	2099
Cotton-chopper.....	W. M. Gibson.....	843,675	Feb. 12	1675	355	126	2247
Cotton-chopper.....	R. T. Sterling.....	847,380	Mar. 19	3328	731	127	897
Cotton-chopper.....	W. E. Mounce and S. L. South-ern.....	848,385	Mar. 26	5359	1167	127	1437
Cotton-chopper.....	F. M. Hutchinson.....	850,531	Apr. 16	3686	771	127	2604
Cotton-chopper.....	D. H. Hazlett.....	853,014	May 7	1328	277	128	337
Cotton-chopper.....	D. A. Cable.....	854,269	May 21	3857	796	128	1057
Cotton-chopper.....	J. H. Cubine and L. A. Hacker.....	854,335	May 21	3966	820	128	1087
Cotton-chopper.....	S. Stallings.....	855,995	June 4	1065	221	128	1963
Cotton-chopper.....	J. McCoy.....	861,042	July 23	4217	1154-5	129	1484

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Cotton-chopper.....	B. C. Lancaster.....	864,657	Aug. 27	3999	1110	129	3421
Cotton-chopper.....	W. A. Stockton.....	865,540	Sept. 10	1233	351	130	402
Cotton-chopper.....	J. S. Murray.....	867,397	Oct. 1	257	75	130	1392
Cotton-chopper.....	J. Chamness.....	867,946	Oct. 15	1153	318	130	1708
Cotton-chopper.....	J. Hudson.....	870,434	Nov. 5	896	241-2	131	294
Cotton-chopper.....	G. M. Head.....	871,035	Nov. 12	1853	508	131	629
Cotton-chopper.....	W. L. Rose.....	871,295	Nov. 19	2406	622-3	131	765
Cotton-chopper.....	J. C. Bell.....	872,787	Dec. 3	976	203	131	1322
Cotton-chopper.....	H. P. Mizell.....	873,255	Dec. 10	1963	410	131	1509
Cotton-chopper.....	N. S. Sodeksson.....	874,129	Dec. 17	3756	790	131	1833
Cotton-chopper and cultivator.....	J. Franklin.....	841,956	Jan. 22	4340	936	126	1225
Cotton-chopper and cultivator.....	R. C. Teel.....	847,447	Mar. 19	3467	760	127	932
Cotton-chopper and cultivator.....	J. B. Farrar.....	851,622	Apr. 23	5827	1217-18	127	3177
Cotton-chopper and cultivator.....	W. A. Higgs and M. S. Hamilton.....	873,548	Dec. 10	2554	539	131	1608
Cotton-chopper and cultivator. Combined.....	N. K. Robertson and I. W. Jones.....	843,102	Feb. 5	544	113	126	1933
Cotton-chopper and cultivator. Combined.....	W. B. Hindman.....	855,634	June 4	363	75	128	1787
Cotton-chopper and cultivator. Combined.....	R. H. Purnell.....	855,977	June 4	1040	215-16	128	1956
Cotton-chopper and cultivator. Combined.....	W. M. Arnold.....	861,569	July 30	5051	1386-7	129	1788
Cotton-chopping and corn-hoeing machine. Combined.....	J. Jackson.....	855,639	June 4	371	77	128	1789
Cotton-chopping and scraping machine.....	J. Nelson.....	843,484	Feb. 5	1285	269	126	2115
Cotton-chopping machine.....	S. H. Tucker.....	842,727	Jan. 29	6030	1269-70	126	1684
Cotton-cleaner and condenser.....	E. Reagan.....	867,535	Oct. 1	464	134	130	1458
Cotton-cleaner and distributor.....	J. Cleam, Jr.....	847,162	Mar. 12	2870	632-3	127	755
Cotton-cleaner and gin-feeder.....	M. E. and J. L. Norris.....	846,421	Mar. 5	1417	314	127	358
Cotton-cleaner and separator.....	J. G. Park.....	854,905	May 28	5114	1064	128	1406
Cotton-cleaning feeder.....	J. R. Fordyce.....	862,893	Aug. 13	1297	351-2	129	2515
Cotton-compress or baling machine. Portable.....	J. W. Phillips.....	856,803	June 11	2669	550-1	128	2404
Cotton-drying and cleaning apparatus. Seed.....	A. Campbell.....	853,942	May 14	3198	655-6	128	850
Cotton-elevating, conveying, and cleaning apparatus.....	A. F. Tidwell.....	867,087	Sept. 24	3587	1017	130	1217
Cotton from its impurities. Machine for cleaning and separating.....	J. S. Lyle.....	846,329	Mar. 5	1208	267	127	305
Cotton-gathering apparatus.....	J. F. O'Shaughnessy.....	843,294	Feb. 5	943	190-1	126	2030
Cotton-gin.....	L. David.....	844,442	Feb. 19	3172	684	126	2658
Cotton-gin.....	S. B. Ladd.....	849,141	Apr. 2	1079	216	127	1865
Cotton-gin.....	J. Hodgkinson.....	869,633	Oct. 29	3832	1049	130	2587
Cotton-gin attachment.....	G. W. Long.....	842,101	Jan. 22	4617	991	126	1289
Cotton-gin brush.....	W. W. Robinson.....	862,663	Aug. 6	939	252	129	2374
Cotton-gin roller.....	J. W. Graves.....	874,910	Dec. 24	5340	1117	131	2121
Cotton. Ginning.....	J. R. Fordyce.....	841,385	Jan. 15	3213	693	126	906
Cotton. Means for controlling feed of.....	T. A. Andrews.....	850,716	Apr. 16	4049	847	127	2694
Cotton-mercerizing machine.....	L. Cipollina.....	845,160	Feb. 26	4845	1027-8	126	3112
Cotton-picker.....	J. K. Piper.....	840,367	Jan. 1	1175	255-7	126	310
Cotton-picker.....	N. M. Henderson.....	841,687	Jan. 22	3801	827-8	126	1089
Cotton-picker.....	O. H. P. Cornell.....	844,331	Feb. 19	2960	631-2	126	2606
Cotton-picker.....	B. A. Chew.....	848,967	Apr. 2	717	145-6	127	1771
Cotton-picker.....	B. A. Chew.....	818,968	Apr. 2	721	146	127	1771
Cotton-picker.....	W. Adkins.....	849,182	Apr. 2	1151	233	127	1882
Cotton-picker.....	J. B. Neil.....	856,178	June 4	1399	296	128	2045
Cotton-picker.....	H. S. and H. E. Houghton.....	860,295	July 16	3033	831	129	1066
Cotton-picker.....	N. A. Gaston.....	869,703	Oct. 29	3941	1086	130	2619
Cotton-picker.....	H. P. Childress.....	871,478	Nov. 19	2812	708	131	826
Cotton-picker.....	G. F. Greene.....	872,340	Dec. 3	41	8	131	1175
Cotton-picker-machine grid.....	A. St. Onge and C. A. Brown.....	866,234	Sept. 17	2294	641	130	778
Cotton-pickers' bags. Guard for.....	B. C. Penington.....	870,462	Nov. 5	935	255	131	305
Cotton-picker's sack-carrier.....	W. A. Byrd.....	842,765	Jan. 29	6101	1287	126	1700
Cotton-picker's vehicle.....	T. J. Merritt.....	844,031	Feb. 12	2330	499-500	126	2409
Cotton-picking apparatus.....	A. P. Albert.....	851,475	Apr. 23	5531	1159	127	3104
Cotton-picking machine.....	J. F. Appleby.....	862,373	Aug. 6	433	119	129	2222
Cotton-picking machine.....	J. F. Appleby.....	865,984	Sept. 17	1930	540	130	664
Cotton-picking machines. Picker-nozzle for pneumatic.....	W. K. Dana.....	859,204	July 9	1375	365	129	493
Cotton-picking or harvesting machine.....	A. B. Ames and H. Schwendener.....	863,962	Aug. 20	2906	800-1	129	3054
Cotton-plant fiber. Recovering.....	T. W. McFarland.....	858,411	July 2	75	.....	129	26
Cotton. Plant for storing baled.....	D. Breck.....	845,926	Mar. 5	417	85	127	108
Cotton-press.....	W. G. De Ramus.....	852,825	May 7	923	189	128	235
Cotton-separator.....	W. A. Patterson.....	845,976	Mar. 5	514	106-7	127	133
Cotton-separator.....	W. A. Patterson.....	853,470	May 14	2212	460	128	600
Cotton-separator.....	W. A. Patterson.....	856,421	June 11	1959	402-3	128	2224
Cotton-thinner.....	N. C. Bolin.....	848,878	Apr. 2	570	114	127	1735
Cotton-thinning implement.....	D. A. Cable.....	863,586	Aug. 20	2348	641	129	2876
Cotton-ties. Machine for straightening and cleaning.....	H. L. Williams and J. T. Tice.....	861,339	July 30	4685	1251	129	1674
Cotton-topper.....	T. K. Griffith.....	852,715	May 7	688	133-4	128	180
Cotton-topper.....	A. T. Ray.....	859,109	July 2	1220	328	129	411
Couch.....	J. Hoey and F. J. Crouch.....	855,176	May 28	5668	1179	128	1545
Couch and bed. Convertible.....	T. M. Jamison and A. Petrtyl.....	855,058	May 28	5416	1124	128	1483
Couch. Convertible.....	A. Wheatley.....	843,780	Feb. 12	1861	396-7	126	2294
Couch. Folding.....	J. Feldman.....	842,876	Feb. 5	67	16	126	1807
Couch. Suspension.....	J. B. Patterson.....	869,142	Oct. 22	3033	837	130	2313
Counter.....	D. L. Newcomb.....	848,843	Apr. 2	489	96	127	1711
Counter.....	E. T. Willson.....	855,827	June 4	745	154	128	1883
Counter-die and making same.....	P. and M. Lehnert.....	849,547	Apr. 9	1858	.....	127	2097
Counter. Foldable.....	S. Soda.....	840,719	Jan. 8	1869	412	126	522
Counter. Recording.....	F. L. Wolfe.....	868,055	Oct. 15	1334	372	130	1764
Counter. Recording.....	F. L. Wolfe.....	871,849	Nov. 26	3556	870	131	976
Counter. Registering.....	P. L. Johnson.....	873,754	Dec. 17	2958	627	131	1710
Counterbalance.....	W. Lewis.....	841,161	Jan. 15	2771	604-5	126	794
Counterboring-tool.....	V. Bail.....	843,430	Feb. 5	1167	245	126	2083
Countersinking and counterboring attachment. Combined.....	J. H. Henry.....	857,344	June 18	3691	780	128	2702
Counting-board.....	A. D. Dunn.....	856,041	June 4	1140	239	128	1982
Counting-machine.....	J. McTammany and M. S. Wright.....	864,675	Aug. 27	4034	1119-21	129	3432
Counting-machine.....	J. M. Johnson.....	875,585	Dec. 31	6666	1391-2	131	2363
Counting mechanism.....	H. Aron.....	875,037	Dec. 31	5610	1171	131	2189
Counting or registering mechanism.....	F. G. Jahn.....	863,997	Aug. 20	2950	812-13	129	3066

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Coupling:							
See Air-coupling.	Metallic coupling.						
Air-brake coupling.	Pipe-coupling.						
Air-brake hose-coupling.	Pipe or hose coupling.						
Automatic coupling.	Pump-coupling.						
Auxiliary coupling.	Pump-rod coupling.						
Axle-wheel coupling.	Rail and tie coupling.						
Bedstead-coupling.	Railway-coupling.						
Bedstead corner-coupling.	Railway and other vehicle coupling.						
Bushing-coupling.	Railway-vehicle coupling.						
Car-coupling.	Reach-coupling.						
Car and train-pipe coupling.	Rod-coupling.						
Clutch-coupling.	Rope-coupling.						
Conduit-coupling.	Rope-and-bucket coupling.						
Disengageable coupling.	Scraper-coupling.						
Electric-cable coupling.	Separable coupling.						
Emergency-coupling.	Shackle-rod coupling.						
Engine-coupling.	Shaft-coupling.						
Expansion-coupling.	Thill-coupling.						
Friction-coupling.	Toy-car coupling.						
Hose-coupling.	Tug-coupling.						
Hose and like coupling.	Umbrella-handle coupling.						
Hose and pipe coupling.	Vehicle-coupling.						
Hose or pipe coupling.	Vehicle-reach coupling.						
Insulated coupling.	Whiffletree-coupling.						
Insulating-coupling.	Wire-coupling.						
Lubricated coupling.							
Coupling.....	J. R. Lilley.....	845,243	Feb. 26	5016	1066	126	3156
Coupling.....	E. H. Gold.....	846,994	Mar. 12	2559	563	127	689
Coupling.....	H. T. Inghram.....	854,292	May 21	3900	804	128	1069
Coupling.....	O. A. Morris.....	856,795	June 11	2658	547-8	128	2401
Coupling.....	F. J. Matchette and C. Moukos.....	858,463	July 2	149	40	129	50
Coupling.....	R. Brumbaugh.....	863,901	Aug. 20	2820	775	129	3028
Coupling.....	G. Bach.....	865,153	Sept. 3	590	166	130	179
Coupling.....	J. J. Rollins.....	868,486	Oct. 15	1993	556	130	1963
Coupling and bearing. Combined.....	J. G. Callan and R. H. Rice.....	854,715	May 28	4714	981	128	1301
Coupling device.....	V. D. Gaa.....	846,409	Mar. 5	1374	302	127	349
Coupling device.....	W. J. King.....	864,652	Aug. 27	3992	1108	129	3419
Coupling-pin.....	J. C. Yeiser.....	860,780	July 23	3796	1040	129	1348
Coupling-pin and compound tool. Combined.....	J. Patterson.....	845,975	Mar. 5	513	106	127	132
Couplings. Machine for recessing.....	W. C. Reilly.....	860,937	July 23	4037	1105-6	129	1427
Cover and holder for drinking vessels. Combined.....	L. Brugel.....	862,802	Aug. 6	1162	313	129	2440
Cover-closure.....	F. Bredel.....	870,540	Nov. 12	1048	286	131	369
Cover for jugs, teapots, and like vessels.....	S. Hall.....	871,271	Nov. 19	2341	610	131	756
Cover. Receptacle.....	T. D. McCall.....	857,746	June 25	4485	946	128	2932
Cover. Removable.....	M. H. Berry.....	868,067	Oct. 15	1351	378	130	1768
Cover-ring.....	M. E. Woods.....	857,139	June 18	3306	697	128	2604
Cover. Vacuum-receptacle.....	W. Haaker.....	860,743	July 23	3737	1024	129	1330
Coverings. Producing.....	G. F. Bishoprie.....	868,157	Oct. 15	1466	412	130	1805
Cow-blanket.....	S. Kilhefner.....	864,003	Aug. 20	2958	815	129	3069
Cow-tail holder.....	N. A. Angel.....	843,657	Feb. 12	1644	378	126	2240
Cow-tail holder.....	A. B. Roundy.....	853,996	May 21	3310	681	128	918
Cows. Antikicking device for.....	H. J. O. and J. T. Reed.....	868,125	Oct. 15	1428	401	130	1792
Cracker-box.....	J. B. Arthur.....	844,706	Feb. 19	3956	839	126	2844
Cracker-box.....	J. H. Byrne.....	846,452	Mar. 12	1484	329	127	405
Cracker-cutting machines. Pan-skipping device for.....	A. Bleile.....	863,349	Aug. 13	1996	538	129	2738
Crackers and the like. Machine for cutting.....	P. S. Ward.....	865,441	Sept. 10	1088	311	130	361
Cradle.....	W. Adler.....	840,284	Jan. 1	997	218	126	268
Cradle.....	D. M. Sealf.....	860,156	July 16	2832	773-4	129	1003
Cradle. Self-rocking.....	L. C. Hantsko.....	856,580	June 11	2256	464	128	2299
Cranberry scoop or picker.....	G. W. Criswold.....	852,383	Apr. 30	7381	1549	127	3601
Cranberry-separator.....	L. A. Hayden.....	864,164	Aug. 27	3213	890	129	3174
Crane.....	A. V. Kiser.....	849,403	Apr. 9	1564	317	127	2023
Crane.....	D. O. Paige.....	854,837	May 28	4961	1032-3	128	1366
Crane.....	H. A. Thomson.....	868,032	Oct. 15	1299	359-60	130	1753
Crane.....	G. W. Bragg.....	871,255	Nov. 19	2307	603	131	751
Crane and the like. Floating.....	A. Bode and K. Böttcher.....	840,684	Jan. 8	1790	395-6	126	501
Crane and tip-car. Automobile.....	P. J. Healey.....	840,489	Jan. 8	1422	314	126	409
Crane. Ash-handling.....	C. R. Ord.....	842,005	Jan. 22	4443	956	126	1249
Crane. Floating.....	A. Bode and K. Böttcher.....	863,898	Aug. 20	2817	773	129	3027
Crane for carrying lades.....	C. L. Taylor.....	864,935	Sept. 3	269	72	130	85
Crane for hoisting and distributing building materials, &c.....	N. A. H. Abel.....	859,031	July 2	1120	298-300	129	381
Crane. Gauntree.....	G. A. True.....	841,827	Jan. 22	4098	881-2	126	1167
Crane. Ingot-charging.....	C. L. Taylor.....	853,482	May 14	2236	466	128	606
Crane. Kettle.....	L. H. Reibold.....	844,470	Feb. 19	3225	696	126	2671
Crane-operating gearing.....	M. Troyer.....	844,058	Feb. 12	2383	510	126	2422
Crane. Overhead traveling.....	C. L. Taylor.....	841,737	Jan. 22	3892	844	126	1113
Crane. Overhead traveling.....	C. L. Taylor.....	843,121	Feb. 5	581	123	126	1943
Crane. Overhead traveling.....	C. L. Taylor.....	844,423	Feb. 19	3136	673	126	2650
Crane. Overhead traveling.....	C. L. Taylor.....	844,424	Feb. 19	3137	673	126	2650
Crane. Overhead traveling.....	C. L. Taylor.....	845,407	Mar. 26	5405	1178	127	1450
Crane. Overhead traveling.....	W. H. Morgan.....	850,439	Apr. 16	3506	733-4	127	2558
Crane. Overhead traveling.....	C. L. Taylor.....	853,484	May 14	2239	466	128	607
Crane. Overhead traveling.....	E. E. Brosius.....	857,025	June 18	3089	652	128	2547
Crane. Saggars.....	L. H. Williams.....	874,553	Dec. 24	4616	970	131	2004
Crane. Traveling.....	C. L. Taylor.....	845,380	Feb. 26	5304	1125	126	3226
Crane. Traveling.....	A. E. Evans.....	846,837	Mar. 12	2259	495-6	127	605
Crane. Traveling.....	V. O. Strobel and A. E. Hogrebe.....	850,407	Apr. 16	3438	720-1	127	2540
Crane. Traveling conveyer.....	J. W. Orrock.....	841,712	Jan. 22	3849	837	126	1102
Crane. Traveling ladle.....	G. R. Ward.....	866,247	Sept. 17	2313	646	130	784
Crane. Tunnel.....	E. L. Smith.....	844,624	Feb. 19	3786	799-800	126	2801

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Crane. Vertical charging.....	C. L. Taylor.....	858,038	June 25	5092	1078-9	128	3083
Crane. Weigh.....	E. Schenck.....	864,036	Aug. 20	3004	830	129	3082
Cranes. Clutch arrangement for traveling.....	A. H. McDougall.....	875,367	Dec. 31	6250	1304	131	2293
Crank-hanger.....	F. M. Osborne.....	846,239	Mar. 5	1042	223	127	265
Crank joint. Double.....	W. L. Morrow.....	843,090	Feb. 5	513	107	126	1925
Crank mechanism. Swinging-lever.....	X. Baier.....	874,285	Dec. 17	4072	859	131	1885
Crank-shaft.....	J. Poehner.....	852,199	Apr. 30	7037	1469	127	3517
Crank-shaft. Sectional.....	T. J. Fay and J. M. Ellsworth.....	870,502	Nov. 5	987	270	131	320
Crank. Starting.....	A. F. Rockwell.....	862,998	Aug. 13	1448	394	129	2567
Crank. Starting.....	G. M. D. Merwin.....	842,793	Jan. 29	6151	1298	126	1712
Cranks and pitmen. Antifriction device for.....	W. W. Neighbour.....	874,859	Dec. 24	5202	1097	131	2105
Crate.....	J. W. Rector.....	841,340	Jan. 15	3125	675	126	883
Crate.....	R. Morgan.....	844,955	Feb. 19	4428	946	126	2965
Crate.....	N. J. McLeod.....	850,537	Apr. 16	3694	772-3	127	2606
Crate.....	T. G. Wilson.....	852,366	Apr. 30	7336	1541	127	3591
Crate.....	A. S. Cook.....	853,065	May 7	1413	295	128	358
Crate.....	C. H. Williams.....	860,506	July 16	3356	921-2	129	1173
Crate.....	F. L. Conant.....	861,503	July 30	4945	1358	129	1754
Crate.....	J. P. Richards.....	862,659	Aug. 6	932	250	129	2372
Crate.....	E. F. Hulbert.....	865,705	Sept. 10	1478	417	130	480
Crate.....	W. V. Boyle.....	872,792	Dec. 3	987	204	131	1324
Crate. Banana.....	I. Albertelli.....	859,794	July 9	2270	617	129	789
Crate. Banana.....	I. Albertelli.....	862,300	Aug. 6	326	91	129	2184
Crate. Banana.....	L. D. Fowler.....	866,123	Sept. 17	2142	596	130	730
Crate. Banana.....	A. Lombardo.....	868,790	Oct. 22	2508	691	130	2151
Crate. Banana.....	C. Howe and H. H. Eldredge.....	875,266	Dec. 31	6043	1260	131	2262
Crate. Breeding.....	L. C. Shepard.....	854,113	May 21	3560	734	128	978
Crate. Breeding.....	G. A. Laybourn.....	864,006	Aug. 20	2961	816-17	129	3070
Crate. Collapsible.....	H. H. Ide.....	839,852	Jan. 1	92	22	126	27
Crate. Collapsible.....	G. G. Rohrsen.....	842,494	Jan. 29	5508	1166	126	1558
Crate. Collapsible.....	N. and E. C. Little.....	858,403	July 2	62	18	129	22
Crate. Collapsible.....	H. C. Ivey.....	862,398	Aug. 6	485	130	129	2239
Crate. Collapsible.....	B. F. Lewis.....	867,889	Oct. 8	1015	289	130	1643
Crate. Collapsible.....	P. E. Boyd.....	868,134	Oct. 22	320	834	130	2309
Crate. Covered box.....	E. F. Boesche.....	847,978	Mar. 19	4573	1004	127	1204
Crate. Delivery.....	H. N. Backus.....	848,336	Mar. 26	5266	1148	127	1417
Crate. Folding.....	J. W. Fulwiler.....	841,319	Jan. 15	3080	666-7	126	871
Crate. Folding.....	W. James.....	868,440	Oct. 15	1931	540	130	1943
Crate. Knockdown.....	W. H. Barnes.....	844,649	Feb. 19	3834	812-13	126	2814
Crate. Knockdown.....	I. U. Minehart and C. C. Hunter.....	864,852	Sept. 3	142	39	130	45
Crate. Knockdown.....	J. Follansbee.....	869,699	Oct. 29	3936	1085	130	2618
Crate. Knockdown.....	W. A. Perkins.....	870,122	Nov. 5	387	108	131	129
Crate. Knockdown.....	A. Williman.....	873,645	Dec. 10	2727	577	131	1641
Crate. Knockdown.....	J. F. Schoeppl.....	874,996	Dec. 31	5525	1153	131	2175
Crate. Metallic.....	J. Repetto.....	873,086	Dec. 10	1646	343	131	1456
Crate. Metallic.....	J. Mathy.....	874,782	Dec. 24	5059	1066	131	2081
Crate or box. Folding.....	J. F. Butcher.....	852,416	May 7	10	3	128	5
Crate or case. Collapsible.....	J. S. McKibbin.....	868,214	Oct. 15	1551	440-1	130	1828
Crate or case for bottles, jars, and the like. Metallic.....	J. Repetto.....	873,085	Dec. 10	1643	342-3	131	1456
Crate. Portable and adjustable pie.....	C. J. Herrmann.....	866,860	Sept. 24	3232	908-9	130	1107
Crate. Shipping.....	C. W. Smith.....	854,244	May 21	3817	788	128	1047
Crate. Shipping.....	R. B. Kelley.....	863,923	Aug. 20	2847	783-4	129	3036
Crate. Shipping.....	L. Wharton.....	872,600	Dec. 3	593	124	131	1259
Crate. Shipping merchandise.....	S. Giwowsky.....	868,980	Oct. 22	2787	769	130	2237
Crate structure.....	E. F. Hulbert.....	875,267	Dec. 31	6044	1261	131	2262
Crate-tilting device.....	N. J. Sherrill.....	843,708	Feb. 12	1736	369	126	2262
Crates. Grate for metallic.....	J. Mathy.....	874,783	Dec. 24	5061	1066	131	2081
Crate. Fruit.....	C. C. Teague.....	856,993	June 11	3017	635	128	2490
Cravat-holder.....	V. Nilsson.....	853,591	May 14	2456	512	128	663
Cream-cooler.....	M. A. Muncey.....	865,515	Sept. 10	1185	337	130	390
Cream or milk and butter. Treating.....	A. Fay.....	847,563	Mar. 19	3688	.....	127	992
Cream-separating device.....	W. I. Kirk.....	859,885	July 9	2415	657	129	832
Cream-separator.....	S. W. Stewart.....	850,805	Apr. 16	4197	881	127	2731
Cream-separator.....	L. A. McLean.....	850,954	Apr. 23	4507	942	127	2849
Cream-separator.....	M. F. Carrigan.....	866,190	Sept. 17	2236	623	130	760
Cream-separator.....	A. S. Stenborg.....	868,140	Oct. 15	1447	407	130	1798
Cream-separator.....	H. J. Lawrence.....	870,110	Nov. 5	359	101	131	120
Cream-separator attachment.....	A. F. Jones and B. J. Evans.....	866,865	Sept. 24	3241	911-12	130	1110
Cream-separator bowl.....	F. C. McMullen.....	854,519	May 21	4308	892	128	1171
Cream-separator. Centrifugal.....	E. W. Broomall.....	844,244	Feb. 12	2752	586	126	2516
Cream-separator. Centrifugal.....	T. W. Morgan.....	854,373	May 21	4037	834	128	1105
Cream-separator. Centrifugal.....	E. A. Forsberg.....	857,273	June 18	3559	753	128	2668
Cream-separator. Centrifugal.....	P. L. Kimball.....	859,185	July 2	1343	356-7	129	453
Cream-separator. Centrifugal.....	D. R. Green.....	862,633	Aug. 6	894	239	129	2361
Cream-separator. Centrifugal.....	T. W. Morgan.....	871,882	Nov. 26	3641	887	131	988
Cream-separators. Liner for centrifugal.....	W. W. Marsh.....	871,878	Nov. 26	3632	885	131	986
Cream-separators. Setting-gage for.....	F. A. Gehrmann.....	850,528	Apr. 16	3653	770	127	2603
Creel.....	I. E. Palmer.....	849,810	Apr. 9	2331	478	127	2217
Creosote and product thereof. Treating.....	A. G. Meyer.....	856,975	June 11	2984	.....	128	2481
Creosote-trap.....	E. C. Cole.....	844,921	Feb. 19	4375	935	126	2951
Crib.....	C. S. Bentley.....	844,233	Feb. 12	2730	582	126	2510
Crib. Baby.....	J. A. Nail.....	874,421	Dec. 24	4350	915	131	1963
Crib. Collapsible.....	C. E. Raymond.....	852,296	Apr. 30	7200	1512	127	3557
Crib. Folding.....	W. E. Trott.....	841,359	Jan. 15	3170	682	126	895
Crib or bed. Sliding-side folding.....	C. Vallone.....	845,384	Feb. 26	5309	1126-7	126	3227
Cribs. Clothes-fastener for.....	W. F. Lazaro.....	875,359	Dec. 31	6237	1301	131	2290
Crimping-machine.....	F. C. Newell and A. England.....	847,683	Mar. 19	3955	863	127	1059
Crimping mechanism.....	R. B. Ware.....	860,950	July 23	4064	1112-13	129	1437
Crockery-handle. Detachable.....	H. F. Fowles.....	860,741	July 23	3735	1024	129	1329
Crop-thinner.....	A. B. Downs.....	856,685	June 11	2456	505	128	2350
Cross-arm and insulator therefor. Wire-carrying.....	E. C. Ottinger.....	873,456	Dec. 10	2353	494	131	1577
Cross-arm for towers.....	L. W. Noyes.....	857,101	June 18	3242	682	128	2587
Cross-arm pin.....	D. Weaver.....	851,577	Apr. 23	5747	1201	127	3160
Cross-arm support.....	E. E. Yaxley.....	868,591	Oct. 15	2177	607-8	130	2025
Cross-head.....	G. Lane.....	848,754	Apr. 2	263	53	127	1653
Cross-head.....	E. T. James and G. W. Webb.....	866,655	Sept. 24	2921	825	130	1004

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Cross-head	P. Langer	873,561	Dec. 10	2577	542	131	1613
Cross-tie	J. W. Peplow	850,542	Apr. 16	3703	774	127	2608
Cross-tie	J. S. Schaeffer	857,907	June 25	4801	1019	128	3009
Cross-tie and rail-fastening. Combined	E. T. Ford and F. F. Wassam	854,477	May 21	4237	876-7	128	1154
Cross-tie construction	A. Cottom	861,269	July 30	4576	1249	129	1640
Cross-tie. Metal	G. R. James	851,810	Apr. 30	6229	1299	127	3312
Cross-tie. Metallic	M. F. Bonzano	844,774	Feb. 19	4106	876	126	2884
Crossing-gate. Automatic	R. D. Page	855,660	June 4	411	86	128	1799
Crossing. Movable-point	W. M. Henderson	846,029	Mar. 5	631	132	127	162
Crucible	E. A. Colby	840,825	Jan. 8	2066	458	126	569
Crucible	E. A. Colby	840,826	Jan. 8	2066	458	126	569
Crucible-furnace	J. M. Allen	854,551	May 21	4370	905	128	1185
Crucible-furnace. Portable	J. Borbeck	852,867	May 7	1024	212	128	261
Crucible tapping arrangement	M. Harvey	868,181	Oct. 15	434	424	130	1813
Crueler-cutting machine	L. Heynemann	865,037	Sept. 3	1497	116	130	153
Crusher	T. C. Patterson	870,249	Nov. 5	590	158-9	131	193
See Clod-crusher. Jaw-crusher.							
Coal-crusher. Ore-crusher.							
Dry-pan crusher. Rock-crusher.							
Gyratory crusher. Rock and ore crusher.							
Ice-crusher. Stone-crusher.							
Crusher	M. F. Williams	851,390	Apr. 23	5377	1127	127	3067
Crusher	T. L. and T. J. Sturtevant	859,348	July 9	1607	427	129	574
Crusher	T. L. and T. J. Sturtevant	864,573	Aug. 27	3878	1075-6	129	3385
Crusher and pulverizer	W. H. Gardner	845,171	Feb. 26	4881	1035	126	3121
Crusher and pulverizer	M. F. Williams. (Reissue)	12,059	June 4	1442	304	128	2056
Crusher and pulverizer	O. J. Moussette	860,404	July 16	3211	878	129	1126
Crushers and pulverizers. Dumping-cage for	M. F. Williams	843,729	Feb. 12	1773	378	126	2273
Crushing and grinding mill. Vertical	T. L. and T. J. Sturtevant	857,121	June 18	3271	689	128	2594
Crushing and grinding mill. Vertical	T. L. and T. J. Sturtevant	856,311	June 11	1699	352-3	128	2158
Crushing and pulverizing machine	J. Ancl	843,428	Feb. 5	1163	244	126	2082
Crushing and pulverizing machine	W. J. Bell	860,783	July 23	3800	1041	129	1350
Crushing-machine	T. L. and T. J. Sturtevant	853,656	May 14	2598	539	128	700
Crushing-machine	M. G. Bunnell	863,833	Aug. 20	2710	747-8	129	2993
Crushing-machine. Roll	T. L. and T. J. Sturtevant	855,358	May 28	5989	1250	128	1626
Crushing machinery	T. J. Gray	861,172	July 23	4393	1205-7	129	1543
Crushing-mill	J. Morin	850,596	Apr. 16	3808	795	127	2635
Crushing-rolls	F. P. Snow	853,481	May 14	2234	465	128	606
Crushing-rolls for ore, rock, and other material	T. C. Walker, Jr.	856,559	June 11	2212	455	128	2288
Crutch	M. J. Dunkel	862,455	Aug. 6	586	155	129	2273
Crutch	W. Autenrieth	869,128	Oct. 22	3010	831	130	2737
Crutch	A. D. Wick	870,400	Nov. 5	847	225	131	279
Crutch	E. E. Hayden	870,676	Nov. 12	1273	347	131	448
Cryptograph	H. Burg	845,515	Feb. 26	5556	1177	126	3288
Cryptographic machine	H. Burg	842,763	Jan. 29	6094	1285-6	126	1699
Crystallization apparatus	A. L. Marshall	841,030	Jan. 8	2485	541	126	676
Crystallizing apparatus	G. Schicht	872,257	Nov. 26	4443	1056	131	1111
Crystallizing apparatus	G. E. Stadtegger	841,595	Jan. 15	3600	782	126	1006
Cue	W. H. Bucknum	861,158	July 23	4376	1201	129	1538
Cue-clutch	J. J. Callaghan	870,491	Nov. 5	971	266	131	314
Cue-rest	G. F. Williamson	855,684	June 4	461	97	128	1813
Cue-tip	A. Paul	855,127	May 28	5575	1158	128	1519
Cue-tip holder	A. Holden	860,381	July 16	3172	867	129	1112
Cuff. Folding	E. Württemberg	858,845	July 2	847	220	129	293
Cuff-holder	J. L. Forbes	842,192	Jan. 29	4841	1033	126	1380
Cuff-holder	G. L. Scheffer	844,621	Feb. 19	3783	798	126	2800
Cuff-holder	A. S. Dickinson	853,230	May 14	1745	362	128	474
Cuff-holder	L. L. Mallard	858,300	June 25	5584	1193	128	3210
Cuff-holder	G. E. Baker	867,937	Oct. 15	1138	314	130	1704
Cuff-holder and garment-supporter. Combined	J. Goodnough	851,414	Apr. 23	5423	1135-6	127	3070
Cuff-holder clasp	S. G. Smith	875,006	Dec. 31	5545	1158	131	2178
Cuff-pin	F. E. Farnham	841,772	Jan. 22	3977	858	126	1135
Cuff. Shirt	T. D. MacGregor	867,524	Oct. 1	448	128	130	1454
Culinary device	G. M. Smith	869,529	Oct. 29	3657	1002	130	2534
Culinary system. Chronometric	R. S. Woodward, Jr.	844,074	Feb. 12	2408	516	126	2428
Culinary tongs	C. F. Smith	847,839	Mar. 19	4286	940	127	1136
Culinary utensil	M. C. Horton	850,582	Apr. 16	3780	789	127	2628
Culinary utensil	J. H. Collins	856,446	June 11	2003	412	128	2236
Culinary utensil	J. J. Leykauf and A. Barth	857,812	June 25	4622	979	128	2967
Culinary utensil	W. and H. Kuehnlein	865,917	Sept. 10	1820	508	130	599
Culinary utensil	H. F. Hall	870,880	Nov. 12	1606	440	131	553
Culinary vessel	K. Jacobi	853,173	May 7	1596	332	128	403
Culinary vessels. Implement-holder for	A. Senf	862,024	July 30	5725	1590	129	1991
Cultivating implement. Hand garden	M. L. Carraway	863,020	Aug. 13	1480	403	129	2575
Cultivating-tool	H. R. Hilton	870,957	Nov. 12	1742	476	131	595
Cultivator	A. T. Westlake	840,404	Jan. 1	1251	274	126	328
Cultivator	N. B. Yingling	840,545	Jan. 8	1534	339	126	438
Cultivator	G. E. Barrett	840,898	Jan. 8	2225	489-90	126	609
Cultivator	M. H. Nicholson	841,171	Jan. 15	2787	608	126	797
Cultivator	F. W. Zastrow	841,840	Jan. 22	4128	889	126	1176
Cultivator	F. L. Carrell	842,623	Jan. 29	5775	1220	126	1621
Cultivator	C. P. Michaelsen	844,163	Feb. 12	2574	551	126	2468
Cultivator	E. M. Heylman	845,084	Feb. 26	4704	997-9	126	3075
Cultivator	N. E. Omberg	845,255	Feb. 26	5034	1071	126	3159
Cultivator	W. C. Ogletree	845,660	Feb. 26	5838	1233	126	3356
Cultivator	W. M. Stamps	846,156	Mar. 5	897	189	127	229
Cultivator	H. M. Toepfer	846,876	Mar. 12	2332	514	127	624
Cultivator	A. Noif	847,101	Mar. 12	2766	611-12	127	728
Cultivator	L. Parenti	847,258	Mar. 12	3064	676	127	804
Cultivator	C. M. Bowen	847,398	Mar. 19	3363	737	127	906
Cultivator	W. H. Nesbitt	847,431	Mar. 19	3434	753-4	127	924
Cultivator	P. M. Sherman	847,836	Mar. 19	4279	938	127	1135
Cultivator	C. H. Wheeler	847,868	Mar. 19	4333	950-1	127	1149
Cultivator	A. M. Barker	847,879	Mar. 19	4359	955	127	1155

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Cultivator	S. F. Vance	848,414	Mar. 26	5419	1182	127	1454
Cultivator	L. E. Waterman	848,789	Apr. 2	349	70	127	1678
Cultivator	W. C. Hinton	849,396	Apr. 9	1555	315	127	2020
Cultivator	W. E. Butterfield	850,520	Apr. 16	3665	767	127	2598
Cultivator	L. E. Waterman	850,861	Apr. 16	4327	907	127	2765
Cultivator	H. Lindsay	851,537	Apr. 23	5651	1183	127	3134
Cultivator	W. M. Ashmore	851,727	Apr. 30	6069	1268	127	3270
Cultivator	G. S. Mayn	852,669	May 7	609	116	128	159
Cultivator	J. J. Stalder	853,039	May 7	1373	285-6	128	349
Cultivator	F. E. Davis	857,162	June 18	3351	707-8	128	2614
Cultivator	H. E. Kline	857,352	June 18	3707	783	128	2705
Cultivator	M. Mitchell and W. H. Taylor	860,311	July 16	3065	839	129	1077
Cultivator	M. H. Nicholson	860,687	July 23	3655	1001	129	1305
Cultivator	J. M. Peerson	861,048	July 23	4223	1156-7	129	1486
Cultivator	J. W. Case	861,433	July 30	4864	1333	129	1728
Cultivator	S. E. Bailor	861,629	July 30	5144	1411-12	129	1817
Cultivator	W. D. Mullinax	866,800	Sept. 24	3143	885-6	130	1081
Cultivator	W. E. Johnson	867,378	Oct. 1	232	67	130	1384
Cultivator	T. Mulally	868,356	Oct. 15	1788	505	130	1900
Cultivator	W. H. Daniel	869,481	Oct. 29	3582	982	130	2511
Cultivator	I. A. Weaver	869,605	Oct. 29	3790	1037	130	2576
Cultivator	T. L. McDonald	872,443	Dec. 3	260	53	131	1209
Cultivator	G. A. Plank	872,450	Dec. 3	274	56-7	131	1211
Cultivator	J. W. Nilsson	872,575	Dec. 3	554	114-15	131	1252
Cultivator, Adjustable	W. Wolf	847,142	Mar. 12	2833	625	127	746
Cultivator and fertilizer-distributor	G. D. Bennett	844,912	Feb. 19	4363	932	126	2948
Cultivator and harrow	B. E. Huguley	864,244	Aug. 27	3334	923	129	3214
Cultivator and planter, Combined	H. T. Monson. (Reissue)	12,641	Apr. 23	5873	1227	127	3186
Cultivator and pulverizer	J. E. Courtwright	863,024	Aug. 13	1487	404	129	2577
Cultivator and thinner, Cotton	G. H. Power	864,191	Aug. 27	3261	903	129	3191
Cultivator-arch	E. M. Spence	863,948	Aug. 20	2884	794	129	3047
Cultivator attachment	W. Tierman	841,071	Jan. 8	2568	561	126	697
Cultivator attachment	H. O. Pope	843,031	Feb. 5	383	84	126	1888
Cultivator attachment	C. B. Clark	844,249	Feb. 12	2766	588-9	126	2520
Cultivator attachment	J. H. Nicks	845,567	Feb. 26	5647	1196	126	3310
Cultivator attachment	J. J. Young	849,956	Apr. 9	2597	540	127	2285
Cultivator attachment	J. S. Evans	854,474	May 21	4232	875	128	1153
Cultivator attachment	W. C. Albritton	866,903	Sept. 24	3293	928	130	1127
Cultivator-beam attachment	W. H. Barham	864,286	Aug. 27	3398	945	129	3233
Cultivator, Cotton-	G. W. Abernethy	842,159	Jan. 29	4772	1019	126	1363
Cultivator, Cotton-	R. H. Purnell	852,295	Apr. 30	7199	1512	127	3556
Cultivator, Cotton-	J. E. Deer	863,513	Aug. 13	2227	602	129	2809
Cultivator, Disk-	J. Grant	853,510	May 14	2302	476	128	625
Cultivator, Disk-	A. Jolly	853,798	May 14	2880	592	128	773
Cultivator disk attachment	M. P. Buckley	840,606	Jan. 8	1663	365	126	470
Cultivator draft-equalizer	S. E. Bailor	872,784	Dec. 3	971	202	131	1321
Cultivator fender attachment	W. H. Hardman	848,741	Apr. 2	242	48	127	1648
Cultivator-foot	C. L. Ferriott	856,237	June 11	1537	322	128	2116
Cultivator-guide	R. M. Jones	864,170	Aug. 27	3219	892	129	3176
Cultivator, Hand-	G. H. Yarbrough	840,679	Jan. 8	1784	394	126	500
Cultivator, Hand-	B. F. Shuart	841,461	Jan. 15	3350	723-4	126	941
Cultivator, Hand-	E. Haiman and G. N. Murray	848,591	Mar. 26	5755	1257	127	1538
Cultivator, Hand-	W. J. McGehe	872,959	Dec. 3	1345	284	131	1378
Cultivator harrow attachment	A. A. Yackee	867,865	Oct. 8	976	279	130	1631
Cultivator harrow attachment, Corn-	C. J. Kirkeberg	856,471	June 11	2044	420	128	2247
Cultivator, harrow, road-machine, and farm-wagon. Disk land	A. L. Foote	847,404	Mar. 19	3372	738-9	127	909
Cultivator-hopple	S. A. Cowart	840,438	Jan. 1	1313	289-90	126	343
Cultivator-hopple	W. H. Reeves	841,895	Jan. 22	4239	912-13	126	1201
Cultivator knife attachment, Corn-	J. Meyer	869,586	Oct. 29	3757	1029	130	2565
Cultivator, Lister-	A. E. Wilshusen	855,372	May 28	6012	1255	128	1633
Cultivator, Lister-	C. H. Melvin	868,107	Oct. 15	1404	393-5	130	1785
Cultivator, Orchard-	J. Lingaas	873,875	Dec. 17	3205	683	131	1750
Cultivator, planter, and fertilizer-distributor. Combined	J. T. Wright	844,227	Feb. 12	2716	580	126	2507
Cultivator replanting attachment	M. F. Hodges	851,750	Apr. 30	6106	1277	127	3279
Cultivator, Riding-	G. D. Houston	853,409	May 14	2097	437	128	570
Cultivator-shield	G. E. Barrett	869,289	Oct. 29	3266	899	130	2414
Cultivator-shovel	P. Friess	875,456	Dec. 31	6419	1340	131	2322
Cultivator shovel or tooth	C. Burmeister and E. Boldt	852,316	Apr. 30	7239	1520	127	3565
Cultivator-shovels, Adjustable clamp for	J. W. St. John	855,487	June 4	89	19	128	1717
Cultivator-standard	J. E. Merrill	848,115	Mar. 26	4840	1057	127	1308
Cultivator, Sugar-beet	P. Glowacki	859,175	July 2	1329	353-4	129	448
Cultivator, Tongueless	C. E. Macbeth	843,160	Feb. 5	654	137	126	1960
Cultivator-tooth	G. E. Camp	845,691	Feb. 26	5905	1247	126	3374
Cultivator, Two-row	S. E. Bailor and F. M. Ashe	862,433	Aug. 6	547	146-7	129	2260
Cultivator, Two-row	L. H. Millen and J. A. Smethers	866,209	Sept. 17	2258	630	130	766
Cultivator weeder attachment	S. A. McCune	873,383	Dec. 10	2231	465	131	1553
Cultivator, Wheel-	A. F. Brown	874,566	Dec. 24	4640	974-5	131	2009
Cultivator, Wheeled	J. E. Miller	854,754	May 28	4789	994-5	128	1321
Cultivator, Wheeled	J. S. Kendig	873,376	Dec. 10	2223	462	131	1551
Cultivator, Wheeled	S. D. Poole and J. Kiel	874,988	Dec. 31	5507	1150	131	2172
Cultivators, &c. Metal boxing for disk corn-	J. Schermuly	861,321	July 30	4655	1272	129	1664
Cultivators, Spring-trip for	L. Reeves and G. K. Gilchrist	839,956	Jan. 1	313	68	126	83
Cultivators, Spring-trip for	L. Reeves and G. K. Gilchrist	875,211	Dec. 31	5940	1238	131	2245
Culvert	F. S. and F. H. Beach	854,397	May 21	4080	843-4	128	1115
Culvert	M. J. Stoffer	862,292	Aug. 6	307	85	129	2178
Culvert	W. G. Todd, W. D. Harrell, and G. Todd	866,828	Sept. 24	3186	896	130	1095
Culvert	J. S. Bayer	868,524	Oct. 15	2055	577	130	1981
Culvert and bank-retainer, Road-	W. Isham and F. E. Miller	865,044	Sept. 3	441	119	130	135
Culvert, Corrugated-metal	C. D. Voris	852,478	May 7	188	34	128	56
Culvert, Corrugated-metal	C. D. Voris	861,002	July 23	4161	1140	129	1468
Culvert, Metallic	C. E. Wintrobe	864,714	Aug. 27	4098	1137	129	3453
Culvert-mold	E. T. Morris	859,681	July 9	2112	570	129	737

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Culverts and the like. Supporting structure for building	E. F. Parcaut.....	854,524	May 21	4317	894	128	1173
Culverts, conduits, and similar hollow structures. Mold for making	J. Hickson.....	865,968	Sept. 10	1895	531	130	622
Cup:							
See Coin-cup. Lubricating-cup.							
Communion-cup. Oil-cup.							
Drinking-cup. Shaving-cup.							
Drip-cup. Soap-cup.							
Feeding or medicine cup. Sputum-cup.							
Grease-cup. Turpentine-cup.							
Umbrella tip-cup.							
Cup and cup-handle.....	G. F. Walker.....	845,022	Feb. 19	4570	973	126	3000
Cup-setting.....	C. Wilson.....	860,508	July 16	3359	922	129	1174
Cupping device. Electrical and thermal.....	E. S. Saighman.....	872,688	Dec. 3	778	162	131	1290
Cupola-charging mechanism.....	S. S. Knight.....	858,004	June 25	5030	1063	128	3069
Cupola-furnace.....	B. D. McCormick.....	847,097	Mar. 12	2761	610	127	727
Cupola-furnace.....	M. Zippler.....	874,476	Dec. 24	4433	935	131	1979
Cuprammonium solutions. Manufacturing.....	J. J. M. A. Vermeesch.....	850,695	Apr. 16	4016	840	127	2686
Curb-box.....	F. T. Sanborn and C. H. Young.....	872,458	Dec. 3	301	60	131	1214
Curb-protector.....	S. Whinery.....	875,025	Dec. 31	5583	1166	131	2185
Curbing.....	C. E. De Clements.....	850,866	Apr. 16	4336	909	127	2768
Curbing.....	S. W. Lerch.....	867,388	Oct. 1	246	71	130	1389
Curette.....	H. E. Currey.....	865,571	Sept. 10	1280	362	130	419
Curette.....	L. G. Langstaff.....	872,567	Dec. 3	530	110	131	1249
Curling-iron.....	G. F. Shields.....	846,354	Mar. 5	1259	276	127	317
Curling-iron.....	M. A. Eldridge.....	866,778	Sept. 24	3114	876	130	1072
Curling-iron. Electric.....	J. L. Burgard.....	850,904	Apr. 23	4421	924	127	2830
Curling-iron. Electric.....	I. Allen and G. Hanlon.....	857,569	June 25	4141	877	128	2843
Curling-iron heater. Electric.....	F. A. Tobler.....	854,257	May 21	3838	793	128	1052
Curling-iron or tongs. Hair.....	A. E. Gilbert and V. A. Phoebeus.....	853,450	May 14	2174	452	128	591
Curling-irons. Hair-waving attachment for.....	A. Weiler.....	846,813	Mar. 12	2203	483	127	591
Current apparatus. Alternating.....	R. D. Mershon.....	853,106	May 7	1480	309	128	374
Current apparatus. Alternating.....	R. D. Mershon.....	854,831	May 28	4948	1028-9	128	1362
Current apparatus. Alternating.....	A. S. Hubbard.....	869,244	Oct. 29	3193	879	130	2391
Current collector.....	S. B. Stewart, Jr.....	853,838	May 14	2974	610	128	795
Current controller.....	R. Duckworth.....	847,743	Mar. 19	4073	890	127	1085
Current-controlling apparatus.....	A. Sundh.....	848,405	Mar. 26	5398	1177	127	1448
Current-converter.....	L. Wilson.....	872,549	Dec. 3	493	104	131	1244
Current demands. System for the supply of.....	F. W. Springer.....	846,703	Mar. 12	1977	434-5	127	532
Current device. Reverse.....	E. B. Wedmore.....	848,944	Apr. 2	676	136	127	1760
Current-distributor for sparking devices.....	M. S. Napier.....	866,212	Sept. 17	2263	631-2	130	768
Current generator. Alternating.....	G. H. Cove.....	870,938	Nov. 12	1714	469	131	586
Current generator and motor. Alternate.....	A. Heyland.....	865,701	Sept. 10	1470	415	130	478
Current generator. Constant.....	C. P. Steinmetz.....	855,484	June 4	83	17-18	128	1716
Current generator. Constant.....	C. P. Steinmetz.....	855,485	June 4	85	18	128	1716
Current generators. Voltage-regulator for alternating.....	F. R. Keller.....	846,214	Mar. 5	998	214	127	253
Current-interrupter. Automatic.....	V. H. Broc.....	848,720	Apr. 2	199	41	127	1638
Current interrupter. Electrical.....	F. W. Lord and F. W. Erickson.....	852,186	Apr. 30	7005	1463	127	3508
Current-interrupter. Revolving mercury-dip.....	F. M. C. Usher and C. A. Seoane.....	847,851	Mar. 19	4302	944	127	1140
Current machine. Alternating.....	R. D. Mershon.....	857,953	June 25	4900	1035-6	128	3035
Current machine. Alternating.....	M. C. A. Latour.....	860,981	July 23	4122	1129	129	1455
Current machine on single-phase circuit. Alternating.....	R. D. Mershon.....	852,027	Apr. 30	6722	1397	127	3438
Current machine with commutators and with compensating windings. Alternating.....	R. Richter.....	846,427	Mar. 5	1427	316	127	360
Current machinery. Alternating.....	A. S. McAllister.....	851,828	Apr. 30	6268	1307-8	127	3323
Current meter. Alternating.....	W. H. Pratt.....	848,923	Apr. 2	644	129	127	1752
Current meter. Alternating.....	R. C. Lanphier.....	870,970	Nov. 12	1768	482	131	603
Current. Method of and apparatus for transforming single or polyphase into continuous.....	G. Paget.....	851,738	Apr. 30	6084	1271-2	127	3273
Current-motor.....	J. W. Laurent.....	841,547	Jan. 15	3512	758-9	126	984
Current-motor.....	J. C. Auld.....	849,311	Apr. 2	1381	278	127	1939
Current-motor.....	J. Kirschweg.....	852,022	Apr. 30	6711	1395	127	3435
Current-motor.....	E. P. Couture.....	855,164	May 28	5642	1173	128	1539
Current-motor.....	C. E. Hultgreen and H. L. Clements.....	862,252	Aug. 6	230	63-4	129	2155
Current-motor.....	W. G. Baker.....	862,873	Aug. 13	1267	343-4	129	2507
Current motor. Alternating.....	M. C. A. Latour.....	841,544	Jan. 15	3503	756	126	982
Current motor. Alternating.....	E. F. W. Alexanderson.....	841,610	Jan. 15	3639	790-1	126	1016
Current motor. Alternating.....	R. Lundell. (Reissue).....	12,595	Jan. 15	3722	809	126	1036
Current motor. Alternating.....	E. J. Berg.....	847,153	Mar. 12	2852	629	127	751
Current motor. Alternating.....	E. Breth.....	848,719	Apr. 2	197	41	127	1638
Current motor. Alternating.....	L. A. Hawkins.....	854,739	May 28	4755	988	128	1312
Current motor. Alternating.....	M. C. A. Latour.....	855,010	May 28	5313	1104	128	1456
Current motor. Alternating.....	B. G. Lamme.....	856,477	June 11	2056	423	128	2249
Current motor. Alternating.....	E. F. W. Alexanderson.....	859,358	July 9	1623	433	129	579
Current motor. Alternating.....	E. F. W. Alexanderson.....	861,012	July 23	4175	1143	129	1472
Current motor. Alternating.....	R. Lundell.....	870,892	Nov. 12	1621	444	131	557
Current motor. Alternating.....	R. Lundell.....	870,893	Nov. 12	1623	444-5	131	557
Current motor. Alternating.....	L. Schuler.....	871,189	Nov. 19	2161	576	131	728
Current motor. Alternating.....	C. A. Lohr.....	871,513	Nov. 19	2889	723	131	837
Current motor. Alternating.....	F. Eichberg.....	872,559	Dec. 3	520	108	131	1247
Current motor. Alternating.....	E. F. W. Alexanderson.....	873,702	Dec. 17	2836	604-5	131	1693
Current motor. Alternating.....	D. C. Jackson.....	875,179	Dec. 31	5882	1226	131	2234
Current-motor connected in cascade system. Rotary.....	C. de Camero.....	841,874	Jan. 22	4196	904	126	1191
Current motor. Water.....	J. A. Cameron.....	855,041	May 28	5382	1118-19	128	1473
Current motor. Water.....	C. H. Willard.....	867,459	Oct. 1	347	100	130	1420
Current motor. Water.....	H. W. Schmidt.....	867,843	Oct. 8	937	268	130	1619
Current motor with commutating-poles. Single-phase alternating.....	E. Arnold and J. L. La Cour.....	853,491	May 14	2261	469	128	614
Current motors. Controlling alternating.....	C. P. Steinmetz.....	860,998	July 23	4154	1138-9	129	1466
Current plant combined with storage battery. Alternating.....	L. Schröder and A. Müller.....	847,974	Mar. 19	4565	1003	127	1202
Current rectifier. Alternating.....	W. B. Churcher.....	858,574	July 2	355	91	129	127
Current rectifier. Electrolytic alternating.....	A. S. Hickley.....	861,281	July 30	4595	1256	129	1645

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Current rectifier. Electrolytic alternating.	A. S. Hickley	861,282	July 30	4596	1256	129	1646
Current. Redressing and regulating device to transform a single-phase into a continuous	L. R. Auvert and A. F. E. Fer-rand	857,267	June 18	3547	752	128	2665
Current-supplying arrangement	B. Salomon	873,899	Dec. 17	3245	693	131	1758
Current-transformer	O. de Faria	865,093	Sept. 3	514	142	130	156
Current-wheel	M. J. Miller	850,438	Apr. 16	3505	733	127	2557
Currents. Apparatus for generating high-frequency alternating	M. Leblanc	857,561	June 18	4114	872-3	128	2809
Currents. Apparatus for transforming continuous	M. Leblanc	857,080	June 18	3200	673	128	2577
Currents. Generating high-frequency alternating	M. Leblanc	857,560	June 18	4107	872	128	2806
Currents. Increasing the efficiency of alternating	I. Kitsee	844,810	Feb. 19	4179	891	126	2903
Currents. Means to increase the efficiency of alternating	I. Kitsee	844,878	Feb. 19	4302	918	126	2934
Currents. Rectifying and interrupting alternating	O. Rothenstein	864,695	Aug. 27	4070	1131	129	3444
Currycomb	W. D. Wheat	850,282	Apr. 16	3198	666	127	2477
Currycomb	C. P. Finegan	852,547	May 7	338	60	128	92
Currycomb	R. F. Lawson	857,472	June 18	3934	836	128	2760
Currycomb	P. J. Faughnan	874,493	Dec. 24	4479	944	131	1985
Currycomb and brush. Combination	H. Howard	862,918	Aug. 13	1329	363	129	2527
Currycomb and brush. Combined	G. G. Seymour	863,457	Aug. 13	2142	578	129	2783
Curtain and shade bracket	A. M. Truesdale and E. A. Thompson	872,862	Dec. 3	1150	244	131	1346
Curtain and shade fixture. Combination	M. O. Dolson and M. Moxley	845,935	Mar. 5	432	89	127	111
Curtain and shade holder. Combined	D. S. Smith	852,684	May 7	635	122	128	163
Curtain and shade support	H. E. Kline	859,773	July 9	2240	610	129	779
Curtain and shade support	B. J. Kahn	866,589	Sept. 17	2809	787	130	940
Curtain-bracket	W. Jones	845,420	Feb. 26	5373	1140	126	3242
Curtain-bracket. Adjustable	J. Doran	874,311	Dec. 17	4127	809	131	1894
Curtain bracket. Window	L. E. Gillmore	844,514	Feb. 19	3331	717	126	2697
Curtain-drawer	J. Kaufmann	867,379	Oct. 1	234	68	130	1384
Curtain-fastener	J. H. Matthews	845,310	Feb. 26	5164	1096	126	3192
Curtain-fastener	G. W. J. Murphy	853,206	May 7	1682	347	128	424
Curtain-fastener	C. E. Chamberlin	860,634	July 23	3581	982	129	1281
Curtain-fastener	G. Bishop	863,254	Aug. 13	1865	502	129	2696
Curtain-fastener	A. Freschl	868,082	Oct. 15	1368	383	130	1774
Curtain-fastening	I. V. Fister	841,316	Jan. 15	3076	666	126	870
Curtain-fastening	J. Schneider	854,848	May 28	4980	1036	128	1370
Curtain-fastening device	A. F. Bruckner and G. Sayre	854,073	May 21	3479	717-18	128	959
Curtain-fixture	C. L. Hopkins	841,971	Jan. 22	4368	942	126	1231
Curtain-fixture	I. L. Hotaling	842,148	Jan. 22	4734	1012	126	1320
Curtain-fixture	I. L. Hotaling	842,149	Jan. 22	4736	1012	126	1320
Curtain-fixture	I. L. Hotaling	845,788	Mar. 5	107	21	127	31
Curtain-fixture	C. L. Hopkins	846,107	Mar. 5	797	167	127	204
Curtain-fixture	H. E. Keeler	847,584	Mar. 19	3735	820	127	1005
Curtain-fixture	A. G. W. Brown	849,972	Apr. 9	2627	548	127	2292
Curtain-fixture	L. B. and L. E. Reynolds	851,561	Apr. 23	5703	1195	127	3144
Curtain-fixture	J. A. Philbrick and A. Ray	853,113	May 7	1495	312	128	378
Curtain-fixture	F. Herbeck	855,311	May 28	5906	1231	128	1606
Curtain-fixture	C. L. Hopkins	855,781	June 4	655	134	128	1862
Curtain-fixture	P. A. Houghtaling	856,874	June 11	2792	581	128	2433
Curtain-fixture	G. F. Livesay	857,743	June 25	4483	946	128	2931
Curtain-fixture	P. A. Houghtaling	863,395	Aug. 13	2061	556	129	2760
Curtain-fixture	G. H. Forsyth	863,525	Aug. 13	2243	607-8	129	2814
Curtain-fixture	W. Mansfield	863,547	Aug. 13	2276	621	129	2824
Curtain-fixture	S. F. Estell	864,411	Aug. 27	3577	994	129	3289
Curtain-fixture	D. E. Bonner	867,569	Oct. 8	528	151	130	1494
Curtain-fixture	H. M. Sturgis	867,850	Oct. 8	951	272	130	1622
Curtain-fixture	D. E. Bonner	868,759	Oct. 22	2454	679	130	2134
Curtain-fixture	P. A. Houghtaling	872,516	Dec. 3	416	86	131	1233
Curtain-fixture	B. F. Tyler	872,698	Dec. 3	794	165-6	131	1293
Curtain-fixture	C. L. Hopkins	873,863	Dec. 17	3189	679	131	1747
Curtain-fixture	G. A. Miller	875,365	Dec. 31	6248	1303	131	2293
Curtain-fixture. Adjustable	J. J. Kiser	841,089	Jan. 8	2615	572	126	710
Curtain. Flexible	E. H. McCloud	863,741	Aug. 20	2565	709	129	2948
Curtain. Flexible	H. E. Vance	873,810	Dec. 17	3066	652	131	1729
Curtain hanger. Lace	T. McCormick	869,256	Oct. 29	3211	884	130	2397
Curtain hanger or support	J. I. McCoy	852,894	May 7	1077	222	128	276
Curtain-hoisting apparatus	T. Eskilsson	845,731	Feb. 26	5978	1263-4	126	3392
Curtain holder. Vestibule	W. E. Tippet	850,193	Apr. 16	3042	637	127	2433
Curtain-holding device	G. H. Davis	850,297	Apr. 16	3225	672	127	2484
Curtain-light frame	J. F. Wildgen	861,925	July 30	5585	1543	129	1948
Curtain-operator	W. L. Osborn	854,963	May 28	5213	1086	128	1430
Curtain or shade fixture. Window	S. R. Skov	850,186	Apr. 16	3025	633	127	2429
Curtain or shade. Window	E. T. Bell	840,682	Jan. 8	1786	394	126	500
Curtain-pole	B. Adamowicz	840,282	Jan. 1	995	217	126	268
Curtain-pole	J. Perry	841,044	Jan. 8	2514	549	126	684
Curtain-pole	G. Gerheiser	843,008	Feb. 5	331	72	126	1873
Curtain-pole	J. E. Willson	844,704	Feb. 19	3954	838	126	2844
Curtain-pole	H. A. Mailoux	847,589	Mar. 19	3748	822	127	1008
Curtain-pole	J. C. Repp	849,855	Apr. 9	2432	496	127	2243
Curtain-pole	J. A. Powell	857,829	June 25	4647	986	128	2972
Curtain-pole	J. W. Freeman	860,458	July 16	3292	899	129	1152
Curtain-pole	A. J. Cannon	863,357	Aug. 13	2009	541	129	2744
Curtain-pole	A. W. Hunter	863,993	Aug. 20	2945	811	129	3065
Curtain-pole	C. Benson	866,324	Sept. 17	2435	680	130	822
Curtain-pole	L. H. Pfelehardt	867,750	Oct. 8	793	224	130	1575
Curtain-pole	W. C. Neal	868,469	Oct. 15	1970	549	130	1955
Curtain-pole	A. Freedman	873,854	Dec. 17	3175	675	131	1745
Curtain-pole	A. J. Boyers	874,375	Dec. 17	4246	894	131	1915
Curtain-pole and bracket	J. Watson	871,543	Nov. 19	2955	737	131	848
Curtain-pole and curtain-shade-roller bracket. Combined	A. L. Rutherford	847,827	Mar. 19	4255	932	127	1127
Curtain-pole and shade support. Combined	T. G. Wilson	848,949	Apr. 2	689	138	127	1763
Curtain-pole and support therefor	D. M. Sarkisian	872,689	Dec. 3	780	162	131	1291
Curtain-pole attachment	W. J. Adenhart	868,829	Oct. 22	2565	707-8	130	2169
Curtain-pole pulley-holder	D. M. Sarkisian	871,362	Nov. 19	2546	654	131	787

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				Spec.	Dr'g.	Vol.	Page.
Curtain-pole r.r.g.	J. A. Rines	869,656	Oct. 29	3867	1058-9	130	2598
Curtain-pole socket	W. M. Kellum	861,732	July 30	5291	1455	129	1859
Curtain-pole support	E. S. Pearson	869,328	Oct. 29	3338	917	130	2435
Curtain-protector and sham-holder. Combined	M. Keith	871,703	Nov. 19	3229	799	131	896
Curtain-raiser and controller	E. Harris	856,144	June 4	1335	279-80	128	2070
Curtain-raising device. Back	T. H. Baner	870,408	Nov. 5	855	228	131	281
Curtain-ring and traverse-roll therefor	J. W. Leslie	872,947	Dec. 3	1316	279	131	1374
Curtain-rod	A. R. Snyder and J. W. Potts	841,062	Jan. 8	2548	556	126	692
Curtain-rod	C. W. Kirsch	850,089	Apr. 9	2825	592	127	2339
Curtain-rod	B. I. Brayton	860,348	July 16	3117	852	129	1094
Curtain-rod	R. C. Johnson and M. H. Myers	872,565	Dec. 3	528	110	131	1249
Curtain-rod and making it. Extensible	C. H. Thurston	856,316	June 11	1707	354	128	2160
Curtain-rod for sleeping-car berths	H. H. Niemeyer, A. E. Lehmann, and A. Simskey	862,097	July 30	5861	1625	129	2036
Curtain-rod ornament	T. Newell	857,658	June 25	4303	908	128	2885
Curtain-rod point	J. Carroll	853,680	May 14	2635	547	128	710
Curtain-rod support	G. W. Palmer	871,435	Nov. 19	2723	688	131	812
Curtain-rod-supporting bracket	T. C. Richards	839,959	Jan. 1	319	70	126	88
Curtain-roller	H. Gross	850,153	Apr. 16	2957	619	127	2411
Curtain-roller cap	H. F. Evans	856,454	June 11	2015	414	128	2239
Curtain-stretcher	J. M. Berry	853,622	May 14	2531	524	128	683
Curtain-stretcher	F. S. Stanfield	839,969	Jan. 1	335	74	126	92
Curtain-stretcher	H. E. Southworth	855,908	June 4	910	189	128	1923
Curtain-stretcher	F. G. Hofheims and F. S. Stanfield	857,623	June 25	4242	896	128	2870
Curtain-stretcher	F. S. Stanfield	863,329	Aug. 13	1966	530	129	2728
Curtain-stretcher	P. O. Holmquist	865,641	Sept. 10	1382	392	130	452
Curtain-stretcher	E. R. Orbin	865,722	Sept. 10	1503	424	130	489
Curtain-stretcher	M. A. Smith	869,026	Oct. 22	2861	790	130	2200
Curtain-stretcher	M. W. Hearn	875,261	Dec. 31	6035	1259	131	2260
Curtain-stretcher	H. A. Schwarz	875,292	Dec. 31	6098	1272-3	131	2270
Curtain-stretcher clamping device	H. A. Schwarz	869,332	Oct. 29	3343	919	130	2436
Curtain-stretcher frame	E. Deach	847,556	Mar. 19	3672	810	127	989
Curtain-stretcher frame	E. B. Roush	863,223	Aug. 13	1814	488	129	2681
Curtain stretching and drying device. Lace	A. Proctor	849,853	Apr. 9	2429	496	127	2242
Curtain-support	W. Hubert	845,355	Feb. 26	5255	1114	126	3214
Curtain-support	W. Luft	852,187	Apr. 30	7008	1463	127	3510
Curtain-support	M. Keith	869,787	Oct. 29	4066	1122	130	2655
Curtain support and hanger	J. Garret	873,038	Dec. 10	1542	323	131	1440
Curtain support. Side	W. B. Pearson	855,970	June 4	1025	213	128	1953
Curtain-supporting bracket	E. O. Bulman	856,391	June 11	1895	390	128	2209
Curtain-supporting rod	L. C. Lazear	847,344	Mar. 19	3245	715	127	876
Curtain-suspending device. Window	A. A. Page	865,520	Sept. 10	1191	339	130	392
Curtain-suspending device. Window	A. A. Page. (Reissue)	12,731	Dec. 3	1453	303	131	1394
Curtain-suspension device	T. Ludwig	856,076	June 4	1195	253	128	1995
Curtains and scenic drops. Means for trimming and controlling	F. S. Madigan	871,173	Nov. 19	2132	571	131	723
Curtains, &c. Apparatus for suspending and displaying lace	J. W. Garrett	867,195	Sept. 24	3764	1063	130	1274
Curtains. Automatic uncoupling-handle for vestibule	H. M. Robertson	873,091	Dec. 10	1657	345	131	1458
Curtains. Machine for cutting flexible roll	J. Gramelspacher	868,656	Oct. 22	2288	635-6	130	2083
Curtains, &c. Suspension device for	T. Ludwig	863,618	Aug. 20	2399	659	129	2894
Curved pipe	W. C. Kirk	850,586	Apr. 16	3786	790	127	2629
Curved surfaces. Adjustable form for	J. E. Wood	869,036	Oct. 22	2875	794	130	2265
Cushion:							
See Ball-and-socket-joint cushion.	Heel-cushion.						
Billiard-cushion.	Pneumatic cushion.						
	Saddle-cushion.						
Cushion	H. S. Hale	854,161	May 21	3651	755	128	1001
Cushion	E. G. Budd	862,538	Aug. 6	747	199	129	2316
Cushion-fastener	J. L. Heffner	868,663	Oct. 22	2299	638	130	2036
Cushion-tie. Metallic	S. and A. McCahon	861,384	July 30	4763	1302	129	1698
Cushion-tire wheel	C. A. Marien	865,411	Sept. 10	1010	289	130	335
Cushion-wheel	J. P. Holder	850,000	Apr. 9	2663	558	127	2300
Cushion work. Spring	W. R. Smith	849,088	Apr. 2	950	194	127	1830
Cushion work. Spring	W. R. Smith and M. A. Phelps	871,244	Nov. 19	2289	599	131	747
Cushioned wheel	R. P. Reid	851,105	Apr. 23	4781	1005	127	2917
Cushioned wheel. Protected	H. J. Nagle	853,466	May 14	2206	458	128	599
Cuspidor	J. Knapp	843,215	Feb. 5	776	160	126	1991
Cuspidor	D. S. Green	845,944	Mar. 5	449	93	127	115
Cuspidor	E. E. Brown	848,962	Apr. 2	709	142-3	127	1768
Cuspidor	N. R. Thibert	850,076	Apr. 9	2794	588	127	2331
Cuspidor	H. Wilson and R. L. Greenwell	852,482	May 7	194	35	128	57
Cuspidor	V. Ardito	853,617	May 14	2521	523	128	681
Cuspidor	V. Ardito	853,912	May 14	3136	642	128	835
Cuspidor	F. W. Kendall	857,470	June 18	3930	836	128	2759
Cuspidor	N. N. Cherry	860,901	July 23	3985	1091-2	129	1411
Cuspidor	M. E. Chamberlain	860,904	July 23	3990	1093	129	1413
Cuspidor	W. F. Ray	863,445	Aug. 13	2122	572	129	2778
Cuspidor-carrier	L. J. Chapman	841,225	Jan. 15	2887	628	126	822
Cuspidor-cleaner	O. Kerouse	856,160	June 4	1372	289	128	2039
Cuspidor cleaner and lifter	H. H. Jackson	857,178	June 18	3390	715	128	2625
Cuspidor. Sanitary	A. Fishmann	855,296	May 28	5883	1226	128	1600
Cuspidor. Sanitary automatic	A. Porter	852,901	May 7	1088	224	128	278
Cut-estimator	O. A. Kenyon	871,417	Nov. 19	2680	681	131	805
Cut-off	G. W. Denief and L. B. Howard	866,440	Sept. 17	2595	724	130	875
Cut-off and drainage apparatus	W. H. Ellis	849,534	Apr. 9	1840	373	127	2093
Cut-off. Automatic	J. D. Patton	849,637	Apr. 9	2023	415	127	2138
Cut-off. Automatic	H. Price	855,808	June 4	701	143	128	1873
Cut-off. Automatic	E. O. Froid	859,756	July 9	2214	602	129	770
Cut-off. Automatic	H. P. Coster	872,170	Nov. 26	4264	1017-18	131	1083
Cut-off. Automatic	F. Hoelder and C. J. Welzin	875,264	Dec. 31	6040	1260	131	2262
Cut-off. Vacuum	G. P. McDonnell	859,323	July 9	1567	417	129	562
Cut-off. Water	G. Henkel	857,171	June 18	3373	711	128	2620
Cut-off. Water-spout	J. P. Kolla	850,762	Apr. 16	4129	864	127	2714
Cut-out	E. M. Hewlett and C. H. Hill	845,236	Feb. 26	5003	1064	126	3152

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Cut-out.....	J. T. Marshall.....	854,751	May 28	4780	992	128	1320
Cut-out.....	J. G. Swallow.....	866,977	Sept. 24	3405	964	130	1162
Cut-out. Automatic.....	G. Eastham.....	860,907	July 23	3993	1094	129	1414
Cut-out. Electrothermal.....	F. B. Cook.....	845,219	Feb. 26	4969	1057	126	3145
Cut-out or fuse-box. Automatic.....	S. C. Anderson and C. H. Frenberg.....	850,334	Apr. 16	3301	687	127	2506
Cut-out switch for series-parallel controllers.....	A. C. Eastwood.....	859,551	July 9	1907	512	129	671
Cut-outs. Filling for thermal.....	F. H. Weston.....	867,543	Oct. 1	480	137	130	1462
Cutlery.....	E. J. Killian.....	848,251	Mar. 26	5071	1108	127	1368
Cutlery-glazing machine.....	J. G. Blessing.....	875,237	Dec. 31	5988	1248-9	131	2253
Cutlery-sharpening machine.....	L. A. Flinker and J. Schade, Jr.....	870,279	Nov. 5	631	169	131	205
Cutlery. Table.....	W. H. Smith.....	864,205	Aug. 27	3281	910	129	3191
Cutlery. Table.....	W. H. Smith.....	873,274	Dec. 10	1994	417	131	1515
Cutter:							
See Axle-cutter.	Grass-cutter.						
Band-cutter.	Hair-pin cutter.						
Bean-cutter.	Harvester-cutter.						
Belt-cutter.	Hoof-cutter.						
Biscuit-cutter.	Horseshoe-heel cutter.						
Board-cutter.	Ice-cutter.						
Boiler-tube cutter.	Lath-cutter.						
Bolt-cutter.	Meat-cutter.						
Bolt and nut cutter.	Noodle-cutter.						
Bottle-wire cutter.	Paper-cutter.						
Bread-cutter.	Paper-machine slit-						
Brick, block, or tile	ting-cutter.						
cutter.	Pile-cutter.						
Butter-cutter.	Pipe-cutter.						
Cake-cutter.	Plant-cutter.						
Can-cutter.	Potato-cutter.						
Cane-cutter.	Printer's lead-cutter.						
Carpet-cutter.	Root-cutter.						
Channel-cutter.	Rotary cutter.						
Cheese-cutter.	Soap-cutter.						
Cigar-cutter.	Sod-cutter.						
Cigar-tip cutter.	Stalk-cutter.						
Cigar-wrapper cutter.	Straw-cutter.						
Clay-cutter.	Stubble-cutter.						
Cord or string cutter.	Thread-cutter.						
Corn-cutter.	Thresher band-cutter.						
Cotton and corn stalk	Threshing-machine						
cutter.	band-cutter.						
Doughnut-cutter.	Ticket-cutter.						
Dredge-cutter.	Tobacco-cutter.						
Envelop-blank cutter.	Tube-cutter.						
Feed-cutter.	Twine-cutter.						
Flue-cutter.	Twine and thread cut-						
Fodder-cutter.	ter.						
Food-cutter.	Vegetable-cutter.						
Fruit and vegetable	Veneer-cutter.						
cutter.	Veterinary tooth-cut-						
Gasket-cutter.	ter.						
Gasket or washer cut-	Vine-cutter.						
ter.	Vine and weed cutter.						
Gear-cutter.	Weed-cutter.						
Glass-cutter.	Wire-cutter.						
Grape-cutter.							
Cutter.....	G. Meyers.....	848,187	Mar. 26	4953	1081	127	1338
Cutter.....	G. Meyers.....	860,554	July 16	3422	940	129	1195
Cutter.....	C. W. and H. H. Snow.....	872,385	Dec. 3	139	26-7	131	1189
Cutter and baster. Combined.....	S. E. Cantrall.....	874,829	Dec. 24	5144	1083	131	2096
Cutter-bar raising and lowering device.....	E. Sattler.....	863,883	Aug. 20	2784	766	129	3016
Cutter-head.....	E. S. Shimer.....	843,498	Feb. 5	1314	276-7	126	2122
Cutter-head.....	J. W. Winningham.....	862,430	Aug. 6	544	145	129	2259
Cutter-head.....	A. A. Overbay.....	866,880	Sept. 24	3262	917-18	130	1117
Cutter-head bit. Rotary.....	E. S. Shimer.....	841,587	Jan. 15	3584	779	126	1002
Cutter-head knives. Radial setting-gage for.....	C. W. H. Blood.....	846,723	Mar. 12	2010	442	127	541
Cutter-head. Rotary.....	E. S. Shimer.....	844,197	Feb. 12	2647	567-8	126	2487
Cutter-head. Rotary.....	E. Haber.....	864,420	Aug. 27	3588	997-8	129	3292
Cutter-head. Rotary.....	E. Haber.....	864,463	Aug. 27	3666	1020	129	3321
Cutter-head. Rotary.....	F. W. Goedeke.....	867,222	Sept. 24	3803	1073	130	1287
Cutter-head. Rotary.....	E. S. Shimer.....	874,871	Dec. 24	5225	1101	131	2108
Cutter-head setter.....	J. W. Winningham.....	871,053	Nov. 12	1881	515	131	638
Cutter-head. Solid-back.....	C. W. H. Blood.....	872,890	Dec. 3	1206	257	131	1356
Cutter-machines. Clamp for cutters or bits of.....	E. T. Morris.....	847,680	Mar. 19	3947	861	127	1057
Cutting and folding machine.....	R. C. Seymour.....	856,991	June 11	3014	633-4	128	2489
Cutting and grinding machine.....	F. H. Brown.....	845,687	Feb. 26	5893	1244	126	3371
Cutting and grinding mill.....	H. U. Prindle.....	856,295	June 11	1666	345-6	128	2149
Cutting and polishing machine.....	H. E. Hall.....	846,303	Mar. 5	1157	254	127	293
Cutting and ripping device.....	E. A. Carkin and J. F. Jeffs.....	863,506	Aug. 13	2220	600	129	2807
Cutting apparatus.....	A. A. Gardner.....	843,142	Feb. 5	621	131	126	1953
Cutting apparatus.....	O. Hammerstein.....	861,834	July 30	5462	1506-7	129	1911
Cutting-bit. Eccentric.....	J. H. Tombragel and J. F. Schun-	843,376	Feb. 5	1084	224	126	2064
	der.....						
Cutting-block.....	G. E. Daniels.....	855,940	June 4	966	200	128	1937
Cutting-board.....	H. Zimmerman.....	844,075	Feb. 12	2410	516	126	2428
Cutting-board.....	W. A. Harman.....	844,692	Feb. 19	3732	785	126	2789
Cutting-disks. Manufacture of.....	W. U. Colthar.....	849,329	Apr. 2	1415	285	127	1948
Cutting-gage for lathes and other tools.....	W. Runge.....	863,097	Aug. 13	1605	423	129	2614
Cutting implement.....	A. B. Bennett.....	840,468	Jan. 8	1370	305	126	398
Cutting implement.....	H. Harden.....	844,518	Feb. 19	3336	718-19	126	2698
Cutting implement.....	A. A. Low.....	874,516	Dec. 24	4550	955	131	1993
Cutting-machine.....	B. Böhm.....	859,195	July 9	1364	361	129	490
Cutting-machine.....	L. W. Sheldon, A. M. and J. W. Ayers.....	863,227	Aug. 13	1819	489	129	2683
Cutting-machine.....	W. G. Hager.....	863,714	Aug. 20	2521	696	129	2934
Cutting-machine.....	H. De Smith.....	865,020	Sept. 3	408	109	130	126

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Cutting-machine.....	C. von Philp.....	875,103	Dec. 31	5729	1194-5	131	2209
Cutting-machine receiver.....	A. Allen.....	864,717	Aug. 27	4101	1138	129	3454
Cutting mechanism.....	W. S. Luckett.....	864,661	Aug. 27	4006	1112-13	129	3423
Cutting out circular or elliptical forms. Machine for.....	C. C. Wais.....	873,395	Dec. 10	2254	470	131	1557
Cutting, perforating, and roll-forming mechanism.....	C. E. Pope.....	868,361	Oct. 15	1806	508	130	1905
Cutting-tool.....	C. T. Ridgely.....	842,013	Jan. 22	4458	958	126	1252
Cutting-tool.....	C. T. Ridgely and J. Pfeifer.....	842,014	Jan. 22	4461	959	126	1253
Cutting-tool.....	S. V. Huber.....	857,284	June 18	3582	758	128	2674
Cutting-tool.....	W. D. Allen and G. A. Johnson.....	857,710	June 25	4412	932	128	2914
Cutting-tool.....	F. H. Chapman.....	858,440	July 2	118	33	129	40
Cutting-tool.....	W. McCormick.....	860,052	July 16	2686	731	129	954
Cutting-tool.....	E. W. Ladd.....	865,918	Sept. 10	1821	508	130	599
Cutting-tool.....	J. F. Magnuson.....	869,002	Oct. 22	2829	779	130	2252
Cutting-tool.....	J. Cryer.....	869,063	Oct. 22	2922	805	130	2280
Cutting-tool.....	J. W. Eckley.....	875,334	Dec. 31	6189	1290	131	2282
Cutting-tools. Guard for revolving.....	C. E. Marshall.....	866,044	Sept. 17	2021	564	130	692
Cutting-wire.....	W. R. Cunningham.....	852,107	Apr. 30	6867	1434	127	3473
Cyanid briquet and making same.....	J. Bueb.....	859,482	July 9	1798	.....	129	636
Cyanid of potassium or sodium. Manufacture of.....	F. W. Morris.....	871,948	Nov. 26	3777	918	131	1009
Cyanid process.....	H. B. Goetschius.....	840,840	Jan. 8	2096	465	126	576
Cyaniding apparatus.....	W. V. Jander.....	841,331	Jan. 15	3106	671	126	879
Cycas-leaf holder.....	W. N. Reed.....	862,658	Aug. 6	931	249	129	2372
Cycle.....	W. C. Kidney.....	846,033	Mar. 5	636	134	127	163
Cycle driving and braking mechanism.....	H. P. Townsend.....	850,077	Apr. 9	2796	588	127	2331
Cycle driving-gear.....	W. Boos.....	839,979	Jan. 1	356	78	126	97
Cycle engine. Double two-.....	W. L. Morrow.....	869,503	Oct. 29	3620	992	130	2523
Cycle. Motor-.....	E. L. and F. A. Pequegnat and C. W. Milan.....	841,434	Jan. 15	3299	713	126	927
Cycle. Motor-.....	W. C. Johnson.....	846,212	Mar. 5	995	213	127	253
Cycle. Motor-.....	W. Baines.....	858,496	July 2	239	58	129	87
Cycle. Motor-.....	W. F. Schmoele.....	860,251	July 16	2974	812	129	1047
Cycle. Motor-.....	C. O. Hedstrom.....	871,995	Nov. 26	3910	943	131	1025
Cycle. Motor and other.....	J. L. Miller.....	867,668	Oct. 8	669	189	130	1537
Cycle, motor-car, &c., brake.....	A. R. Turner.....	869,948	Nov. 5	106	29	131	35
Cycle-motor into a two-stroke cycle-motor. Mechanism for changing a four-stroke.....	S. Löffler.....	871,602	Nov. 19	3064	760	131	866
Cycle. Quadruplex.....	S. P. Shafer.....	850,973	Apr. 23	4537	950	127	2856
Cycle-sled.....	J. Baldauf.....	850,125	Apr. 16	2917	609	127	2402
Cycle-stand.....	C. E. Singleton.....	863,327	Aug. 13	1964	529	129	2727
Cycle-supporting attachment.....	H. Stiles.....	862,768	Aug. 6	1099	296	129	2419
Cycle. Traveler's.....	S. N. Polishook.....	854,528	May 21	4324	895	128	1175
Cycle wheel-guard.....	T. Reuss.....	853,115	May 7	1498	313	128	378
Cycles. Grip-controlling mechanism for motor-.....	L. P. Fosnot.....	862,815	Aug. 6	1179	317	129	2444
Cycles. Grip-operated controlling mechanism for motor-.....	C. J. Gustafson.....	862,817	Aug. 6	1182	318	129	2445
Cycles, &c. Stand for motor-.....	J. J. Hansel.....	855,307	May 28	5900	1230	128	1604
Cycles. Two-speed gear for motor-.....	H. H. Fuller.....	865,583	Sept. 10	1295	367	130	422
Cycloidograph.....	J. F. Cooley.....	842,447	Jan. 29	5407	1146-8	126	1532
Cycloramic apparatus.....	R. G. Gordon.....	874,328	Dec. 17	4156	874-5	131	1899
Cylinder-lock.....	W. H. Taylor.....	874,808	Dec. 24	5106	1076	131	2088
Cylinder motor. Revolving.....	T. O'Brien.....	870,120	Nov. 5	385	107	131	129
Cylinder-press. Single-plate.....	H. F. Bechman.....	867,231	Oct. 1	6	2	130	1318
Cylinder steam-jacket.....	G. E. Wilson and W. J. Frawley.....	847,712	Mar. 19	4012	877	127	1072
Cylinder-wrench.....	C. T. O'Hara.....	843,693	Feb. 12	1704	363	126	2254
Cylindrical box.....	W. H. Stout.....	866,236	Sept. 17	2297	642	130	779
Cymbal and drum playing apparatus.....	W. E. Johnson.....	863,998	Aug. 20	2953	813	129	3067
Cystoscope.....	R. H. Wappler.....	874,810	Dec. 24	5108	1076	131	2089
D-handle.....	T. W. Wright.....	865,471	Sept. 10	1109	316	130	366
D-handle.....	F. P. Maus.....	867,667	Oct. 8	668	189	130	1536
Daggers, tools, and the like. Handle for.....	F. P. Fournet.....	867,120	Sept. 24	3629	1030	130	1230
Dam.....	W. L. Church.....	840,042	Jan. 1	498	109	126	133
Dam.....	H. L. Coburn.....	840,110	Jan. 1	633	137	126	168
Dam.....	W. L. Church.....	870,930	Nov. 12	1700	467	131	582
Dam.....	H. L. Coburn.....	870,934	Nov. 12	1706	468	131	583
Dam and apparatus for and method of constructing the same.....	H. L. Cooper.....	844,498	Feb. 19	3289	709-10	126	2687
Dam. Automatic.....	F. Camagni.....	845,294	Feb. 26	5327	1130	126	3230
Dam. Collapsible.....	W. W. Jones.....	843,397	Feb. 5	1112	232	126	2071
Dam-crest. Automatically-movable.....	W. R. Davis.....	843,003	Feb. 5	324	70-1	126	1871
Dam-gates. Device for hoisting and dropping.....	W. Moriarty.....	868,796	Oct. 22	2520	694	130	2155
Dam or dike construction for riprap. Wing-.....	D. Neale.....	864,481	Aug. 27	3688	1027-8	129	3327
Dams. Automatic movable crest for.....	G. F. Stickney.....	862,673	Aug. 6	954	256	129	2378
Dams. Building.....	W. L. Church.....	870,886	Nov. 12	1580	435	131	543
Dampener.....	A. Shapiro.....	862,287	Aug. 6	299	84	129	2176
Dampening machines. Seam-guide for collar-.....	A. M. Torrance.....	866,749	Sept. 24	3066	865	130	1057
Damper.....	G. C. Ehlers.....	859,375	July 9	1652	446	129	588
Damper.....	H. W. Neal.....	870,309	Nov. 5	686	185	131	225
Damper.....	A. W. Walker.....	873,141	Dec. 10	1745	366	131	1473
Damper-actuating device for ranges, &c.....	I. Brooke.....	846,821	Mar. 12	2221	486	127	595
Damper-adjusting apparatus.....	G. C. Ehlers.....	859,285	July 9	1497	400	129	536
Damper attachment.....	J. W. Reynolds.....	869,806	Oct. 29	1089	1130	130	2663
Damper. Automatic air-.....	A. W. Puddington.....	866,515	Sept. 17	2700	755	130	907
Damper. Chimney-.....	A. E. Albertson.....	846,542	Mar. 12	1659	369	127	452
Damper-controller. Automatic.....	E. F. Miller.....	857,648	June 25	4285	905	128	2881
Damper mechanism.....	H. A. Starr.....	856,107	June 4	1247	262	128	2007
Damper-regulator.....	D. F. Morgan.....	840,644	Jan. 8	1724	379	126	485
Damper-regulator.....	C. S. Hood.....	850,530	Apr. 16	3684	770	127	2603
Damper-regulator.....	J. Seales.....	860,413	July 16	3222	881	129	1125
Damper-regulator.....	W. R. Forbush.....	871,118	Nov. 19	2005	546	131	704
Damper-regulator.....	B. F. Lutz.....	871,716	Nov. 19	3253	805	131	901
Damper-regulator. Electric.....	J. D. Bowthorne.....	872,893	Dec. 3	1211	258	131	1356
Damper. Time-controlled.....	W. F. Bowthorne and H. M. Lummis.....	842,525	Jan. 29	5572	1178	126	1571
Damper. Time-controlled.....	S. B. Brown.....	870,221	Nov. 5	551	148	131	181
Danger-signal.....	C. J. Luther.....	874,608	Dec. 24	4722	992	131	2023
Danger-signal. Electric.....	A. McCahon.....	842,574	Jan. 29	5661	1197	126	1592

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				Spec.	Dr'g.	Vol.	Page.
Darning implement	G. Shear	846,253	Mar. 5	1062	228	127	270
Dash-pot	A. W. Barnard	842,055	Jan. 22	4538	976	126	1271
Dashes. Metallic strip for	J. H. Matthews	846,331	Mar. 5	1213	268	127	307
Dashboard-holder	J. W. Yochem	851,473	Apr. 23	5528	1158	127	3103
Dashboard-holder	J. W. Yochem	864,715	Aug. 27	4099	1138	129	3454
Dashboard-pocket	C. E. Glynn	865,031	Sept. 3	424	112	130	130
Davenport	G. C. Hartshorn	859,658	July 9	2077	561	129	729
Davenport	A. M. Padmore	868,472	Oct. 15	1973	550	130	1956
Davit	A. Welin	872,776	Dec. 3	957	199	131	1318
Davit fall-block. Automatic	C. E. Wicks	852,533	May 7	307	55	128	84
Dead-centers. Device for overcoming	F. W. Dill and J. R. Hill	852,775	May 7	799	160	128	207
Deafness. Device adapted for curing	C. R. Roswell	858,673	July 2	546	141	129	189
Decanting apparatus	J. V. N. Dorr	867,958	Oct. 15	1181	326	130	1716
Deck-chair and couch. Folding combination	R. Osterberg	854,379	May 21	4046	836-7	128	1107
Deck-plate	A. R. Hurlburt	849,618	Apr. 9	1988	407	127	2129
Decorating-kiln. Continuous	J. Gamble	846,559	Mar. 12	1694	373-4	127	460
Decorticating-machine	C. N. Davis	852,377	Apr. 30	7361	1545-6	127	3596
Decorticating-machine	C. N. Davis	852,378	Apr. 30	7365	1546-8	127	3597
Decorticating-machine	G. H. Reynolds	862,846	Aug. 6	1226	831	129	2459
Decorticator	F. Holtzhausen	867,134	Sept. 24	3649	1037	130	1235
Decoy	C. H. Ditto	843,588	Feb. 12	1512	321	126	2203
Defecating apparatus	M. Altolauguierre and J. Zubillaga	861,932	July 30	5597	1547	129	1952
Defibrating-machine	J. S. Gillies	859,878	July 9	2403	653	129	828
Dehorner	G. Anderson	867,779	Oct. 8	837	239	130	1590
Dehorner cutter or knife. Calf-	C. Zoeller and J. Hodge	864,590	Aug. 27	3899	1082	129	3391
Dehydrating animal and vegetable substances	E. W. Cooke	871,982	Nov. 26	3870	936	131	1021
Dehydrating apparatus	E. W. Cooke	867,246	Oct. 1	24	8	130	1323
Dehydrating apparatus	F. T. Stare	872,026	Nov. 26	3984	957-8	131	1036
Delivering articles of manufacture from a collecting-receptacle. Device for automatically	P. Raabe	873,268	Dec. 10	1982	415	131	1513
Delivery mechanism	W. Spalckhaver	851,184	Apr. 23	4945	1040	127	2959
Delivery mechanism	O. L. Raabe and G. F. Read	857,962	June 25	4930	1042-4	128	3042
Delivery mechanism	W. and D. J. Scott	867,424	Oct. 1	293	86	130	1404
Demagnetizer	D. M. Bliss	855,158	May 28	5633	1171	128	1536
Dental appliance	C. M. Dowell	851,735	Apr. 30	6080	1271	127	3272
Dental appliance	C. S. Case	862,881	Aug. 13	1278	346-7	129	2510
Dental articulator	G. B. Snow	870,909	Nov. 12	1654	455	131	568
Dental articulator	W. Hare	874,189	Dec. 17	3871	816	131	1853
Dental articulator attachment	M. H. Knapp	856,884	June 11	2813	586	128	2439
Dental bracket	A. W. McKenney	846,420	Mar. 5	1416	314	127	357
Dental bracket. Combination	G. Hall	871,400	Nov. 19	2636	674	131	800
Dental bridgework. Removable	E. C. Bennett	852,413	May 7	5	2	128	4
Dental broach	C. A. Skalsstad	873,100	Dec. 10	1670	348	131	1461
Dental bur	C. Rauhe	866,963	Sept. 24	3387	958	130	1157
Dental bur and excavator	W. Homann	843,273	Feb. 5	904	184	126	2021
Dental cement-injector. Pneumatic	H. L. Cruttenden	861,270	July 30	4578	1249	129	1641
Dental chair	F. Ritter	853,421	May 14	2116	441-2	128	575
Dental chair	L. L. Mallard	858,193	June 25	5399	1150	128	3162
Dental chair	A. W. Browne	873,015	Dec. 10	1489	310-11	131	1431
Dental clamp	H. B. Weagant	865,733	Sept. 10	1524	430	130	496
Dental crown-driver	C. R. Averill	874,379	Dec. 24	4260	898	131	1948
Dental crown-plates and similar articles. Swage for	C. Rauhe	866,962	Sept. 24	3386	958	130	1157
Dental engine	J. A. Lewis	850,661	Apr. 16	3947	825	127	2671
Dental engine	W. W. Williamson	863,478	Aug. 13	2169	587	129	2791
Dental engine	J. F. Hardy	869,562	Oct. 29	3725	1020	130	2556
Dental engine	W. E. Hanson	869,840	Oct. 29	4141	1143	130	2678
Dental-engine handpiece	F. W. Dean	855,288	May 28	5871	1223	128	1597
Dental-engine handpiece	J. H. Springle	863,006	Aug. 13	1458	397	129	2570
Dental-engine handpiece	J. F. Hardy	869,563	Oct. 29	3727	1020	130	2557
Dental-engine handpiece	J. F. Hardy	870,824	Nov. 12	1524	416	131	527
Dental-engine moistening attachment	G. Bartlett	851,483	Apr. 23	5548	1162	127	3107
Dental filling	J. Hood	864,465	Aug. 27	3670	1021	129	3322
Dental fillings and the like. Apparatus for making molds for the casting of	W. H. Taggart	865,823	Sept. 10	1686	468	130	559
Dental fillings, inlays, and crowns. Manufacturing fusible	J. N. Crouse	856,034	June 4	1130	237	128	1980
Dental flask-press	J. F. Hardy	841,962	Jan. 22	4349	938	126	1227
Dental floss	J. D. Cutter	872,908	Dec. 3	1244	265	131	1362
Dental floss-holder	C. M. Overbaugh	844,181	Feb. 12	2609	559	126	2477
Dental furnace. Electric	L. Markwitz	849,335	Apr. 2	1429	289	127	1951
Dental gold-pellet holder	H. P. Davis	844,781	Feb. 19	4121	878	126	2889
Dental grinding-tools. Stone-guard for	F. W. Chandler	869,417	Oct. 29	3478	955	130	2479
Dental handpiece	H. S. Miller	847,591	Mar. 19	3751	823	127	1009
Dental handpiece	L. H. Crawford	849,208	Apr. 2	1196	242	127	1894
Dental-handpiece angle attachment	J. F. Hardy	870,825	Nov. 12	1525	416	131	528
Dental implement	C. S. Evans	867,264	Oct. 1	50	15	130	1330
Dental impression-pliers	M. A. Robbins	869,520	Oct. 29	3642	998	130	2528
Dental inlays and the like. Making molds for	W. H. Taggart	872,978	Dec. 3	1377	290	131	1384
Dental instrument	A. B. Prentiss	853,031	May 7	1360	282-3	128	346
Dental instrument	W. C. Wolford	869,035	Oct. 22	2874	794	130	2264
Dental mallet	G. H. Shannon	858,914	July 2	942	246	129	324
Dental matrix	E. Armstrong	844,079	Feb. 12	2415	517	126	2429
Dental obtunder	P. R. Skinner	848,403	Mar. 26	5394	1176	127	1447
Dental plate	E. W. Morgan	869,191	Oct. 22	3103	854	130	2336
Dental plate-punch	G. E. Bartram	866,559	Sept. 17	2759	772	130	924
Dental plate-swage	G. E. Freeborn	857,339	June 18	3682	778	128	2700
Dental pliers	L. E. Rowley	862,588	Aug. 6	828	220	129	2340
Dental pliers	G. J. Clark	874,489	Dec. 24	4472	942	131	1984
Dental plugger	S. G. Perry	842,112	Jan. 22	4638	995	126	1295
Dental plugger	G. H. Shannon	864,569	Aug. 27	3873	1074	129	3383
Dental plugger	R. H. Antes	874,281	Dec. 17	4004	858	131	1883
Dental plugger. Combination	P. E. Williams	848,334	Mar. 26	5260	1147	127	1415
Dental regulator and spacer	E. M. Flagg	868,628	Oct. 15	2246	622	130	2046
Dental root-impression and crown-mounting instrument	J. M. Evey	854,283	May 21	3886	801	128	1065
Dental separator	R. L. Anderson	862,604	Aug. 6	985	263	129	2487

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Dental soldering apparatus.....	E. Flannigain.....	867,193	Sept. 24	3763	1063	130	1273
Dental soldering apparatus.....	J. W. Horner.....	874,199	Dec. 17	3901	821	131	1856
Dental swage.....	J. W. Dickey.....	840,921	Jan. 8	2272	499	126	621
Dental swaging device.....	G. J. Weber.....	849,297	Apr. 2	1359	273	127	1934
Dental syringe attachment.....	W. C. Middaugh.....	860,555	July 16	3424	941	129	1196
Dental tool-handle.....	J. Bode.....	852,159	Apr. 30	6958	1453	127	3496
Dental tools. Guard and moistener for.....	C. A. Sevier.....	849,702	Apr. 9	2133	439	127	2166
Dental tray.....	J. A. Henning.....	857,240	June 18	3494	738	128	2651
Dental vulcanizers. Gas-regulator for.....	E. E. Wightman.....	845,835	Mar. 5	200	40	127	52
Dental work. Crown-pin for.....	H. D. Bultman.....	868,964	Oct. 22	2767	763	130	2231
Dentifrice.....	F. P. Barnard.....	840,738	Jan. 8	1916	.....	126	533
Dentimeter.....	J. Bode.....	855,875	June 4	839	174	128	1906
Dentimeter.....	R. H. Macy.....	861,874	July 30	5517	1522	129	1928
Dentistry. Manufacture of a new material suitable for use in.....	O. Hoffmann.....	870,962	Nov. 12	1755	.....	131	599
Dentist's cabinet.....	W. H. Woods.....	862,780	Aug. 6	1114	301	129	2424
Dentist's drilling apparatus.....	P. Repsold.....	866,518	Sept. 17	2704	755	130	908
Denture. Artificial.....	F. Ainsworth.....	866,176	Sept. 17	2218	619	130	754
Denture. Removable artificial.....	F. E. Roach.....	866,304	Sept. 17	2404	671	130	814
Dentures. Fusible porcelain cement and strengthening-backing for artificial.....	F. E. Roach.....	866,305	Sept. 17	2406	671	130	814
Deodorizing apparatus.....	J. E. Ralston.....	862,508	Aug. 6	682	185	129	2299
Deodorizing apparatus. Closet.....	A. D. Stevens.....	866,400	Sept. 17	2546	710	130	858
Depilatory instrument.....	H. H. Lewis.....	853,096	May 7	1463	306	128	370
Derailer.....	S. W. Hayes.....	843,455	Feb. 5	1208	255	126	2093
Derailer.....	M. C. Sloderbeck.....	873,622	Dec. 10	2694	569	131	1633
Derailing device.....	W. O. Clegg and O. J. Asmann.....	874,490	Dec. 24	4473	943	131	1984
Derailing-switch.....	H. C. Stiff.....	853,270	May 14	1818	378	128	493
Derailing-switch.....	M. H. Mahary.....	856,274	June 11	1617	336	128	2137
Derailing-switch.....	L. J. Lindsay and J. H. Carroll.....	868,197	Oct. 15	1529	433	130	1823
Derailment-guard.....	A. Anderson.....	840,733	Jan. 8	1906	419	126	531
Derailment-guard.....	W. Greene.....	861,512	July 30	4958	1362	129	1757
Derrick.....	J. W. Stolkrantz.....	841,066	Jan. 8	2556	558-9	126	694
Derrick.....	I. E. Monroe.....	842,799	Jan. 29	6158	1300	126	1714
Derrick.....	W. L. Allan and W. T. Price.....	844,990	Feb. 19	4492	958	126	2982
Derrick.....	P. Yorke.....	852,486	May 7	201	36	128	58
Derrick.....	J. S. Allen, Jr.....	870,922	Nov. 12	1675	461	131	575
Derrick.....	E. E. Jenkins.....	873,374	Dec. 10	2218	461-2	131	1550
Derrick. Farm.....	J. W. Price.....	843,297	Feb. 5	949	191-2	126	2031
Derrick for loading wagons.....	W. N. Jay.....	841,404	Jan. 15	3249	700	126	915
Derrick. Hoisting.....	J. Bass.....	842,057	Jan. 22	4542	976	126	1272
Derrick. Loading.....	N. H. Nelson.....	842,904	Feb. 5	120	29	126	1820
Derrick. Portable.....	W. C. Booz.....	867,695	Oct. 8	709	198	130	1550
Derrick. Portable field.....	A. N. Hadley.....	871,500	Nov. 19	2867	719-20	131	833
Derrick. Portable window.....	W. H. Breen.....	867,010	Sept. 24	3462	981	130	1181
Derrick. Sectional.....	J. S. Hines.....	848,304	Mar. 26	5199	1134-5	127	1400
Derricks. Boom-point for.....	R. F. Bennett.....	856,212	June 11	1471	310-11	128	2099
Derricks. Top-fitting for.....	G. P. Wern.....	854,189	May 21	3715	769	128	1021
Desiccating apparatus.....	M. W. Barse.....	875,405	Dec. 31	6323	1318	131	2306
Desiccating apparatus. Air-drier for.....	E. W. Cooke.....	870,546	Nov. 12	1058	289	131	372
Desiccating material.....	W. Braun.....	848,960	Apr. 2	706	142	127	1768
Desiccating plant.....	E. W. Cooke.....	841,939	Jan. 22	4306	929	126	1216
Design-producing apparatus.....	S. Boehm.....	862,438	Aug. 6	558	149	129	2263
Designs. Device for making.....	F. M. Clark.....	859,366	July 9	1639	437	129	584
Designs to surfaces. Applying.....	D. B. Marwick.....	844,380	Feb. 19	3058	654	126	2630
Desk.....	E. L. Gardner.....	842,780	Jan. 29	6129	1293	126	1707
Desk.....	B. L. Umberger.....	843,719	Feb. 12	1752	373	126	2267
Desk.....	W. Gaalkema.....	851,659	Apr. 30	5922	1238-9	127	3231
Desk.....	J. L. Rhodes.....	857,110	June 18	3254	684	128	2590
Desk.....	F. Müller.....	861,499	July 30	5094	1397	129	1802
Desk and seat. Combined.....	J. T. Brent, Second.....	862,131	Aug. 6	16	5	129	2085
Desk attachment.....	A. S. Baylor and M. R. Laver.....	860,525	July 23	3566	278	129	1276
Desk attachment.....	J. S. McComb.....	873,770	Dec. 17	2986	633	131	1715
Desk companion.....	G. B. Hall.....	841,391	Jan. 15	3227	696	126	909
Desk. Flat-top.....	W. Anderson.....	849,096	Apr. 2	962	196	127	1833
Desk furniture. School.....	J. A. Wilkinson.....	843,649	Feb. 12	1635	346	126	2238
Desk. Hotel-register.....	F. F. Doleshy.....	849,603	Apr. 9	1963	402	127	2123
Desk. Lap.....	F. C. Russell.....	842,018	Jan. 22	4468	960	126	1255
Desk-lid support.....	R. E. Decks and J. O. Drennan.....	865,481	Sept. 10	1126	320	130	371
Desk. Portable.....	J. Lipscond.....	869,913	Nov. 5	61	18	131	21
Desk. School.....	L. H. Campbell.....	841,766	Jan. 22	3961	855	126	1131
Desk. School.....	J. P. Garber.....	841,775	Jan. 22	3982	860	126	1136
Desk. Sorting.....	S. A. Harrison.....	868,434	Oct. 15	1919	536	130	1939
Desk, table, and book-rest. Combined.....	J. W. Meaker.....	848,258	Mar. 26	5083	1111	127	1370
Desks. Folding joint for school.....	J. F. Field.....	875,251	Dec. 31	6015	1255	131	2257
Desuinting apparatus.....	G. Malard.....	851,539	Apr. 23	5655	1183-4	127	3134
Desulfurizing and subsequent smelting.....	W. G. Perkins.....	852,612	May 7	478	88	128	126
Detachable handle.....	J. C. Lowe.....	847,673	Mar. 19	3936	858	127	1054
Detachable handle.....	C. E. Tremwhella.....	860,270	July 16	3002	821	129	1057
Detector and recording apparatus. Electrocapillary.....	J. T. Armstrong and A. Oriing.....	848,083	Mar. 26	4786	1044	127	1295
Detector-bar.....	W. E. Foster.....	863,912	Aug. 20	2831	779	129	3032
Detector-bar.....	C. Herring.....	874,196	Dec. 17	3884	819-20	131	1855
Detector device.....	S. W. Wardwell.....	849,296	Apr. 2	1356	273	127	1933
Detinning.....	F. von Kügelgen and G. O. Seward.....	853,461	May 14	2194	.....	128	596
Detinning.....	C. E. Acker.....	855,491	June 4	94	.....	128	1718
Detinning.....	R. S. Wile.....	859,792	July 9	2267	.....	129	788
Detinning.....	C. E. Acker.....	862,860	Aug. 6	1247	.....	129	2465
Detinning.....	E. A. Sperry.....	873,699	Dec. 10	2829	.....	131	1659
Detinning and producing tin compounds and other products.....	E. A. Sperry.....	876,632	Dec. 31	6860	1431-2	131	2379
Detinning apparatus.....	M. Leitch.....	843,616	Feb. 12	1571	331-2	126	2220
Detinning process.....	F. von Kügelgen and G. O. Seward.....	851,946	Apr. 30	6524	.....	127	3387
Dial.....	H. C. Ingraham.....	864,467	Aug. 27	3671	1021	129	3322
Dial-holder.....	O. Ohlson.....	856,092	June 4	1222	258	128	2002

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Dial-ornamenting machine.....	E. A. Marsh.....	852,189	Apr. 30	7010	1463-5	127	3510
Dial-rim.....	F. R. Cunningham.....	857,516	June 18	4022	856	128	2783
Diamond-holder.....	E. C. Strong and W. R. Paige.....	864,436	Aug. 27	3625	1008	129	3306
Diaphragm.....	C. B. Lowry.....	874,517	Dec. 24	4552	955	131	1993
Die:							
<i>See</i> Counter-die.....	Sheet-metal-stamping						
Glove-cutting die.....	die.						
Metal-working die.....	Stamping-die.						
Printing-die.....	Tapping-die.						
Screw-cutting die.....							
Screw-thread-cutting die.....							
Die.....	A. R. Simmerly.....	852,636	May 7	529	100	128	138
Die.....	A. M. Gaines.....	858,715	July 2	613	160-1	129	212
Die.....	S. W. McKillop.....	862,581	Aug. 6	814	217	129	2335
Die.....	A. H. Worrest.....	871,251	Nov. 19	2300	601	131	749
Die and die-block.....	M. S. Carnegie.....	868,325	Oct. 15	1746	492	130	1888
Die and pattern making machine.....	F. P. Pfeleghar.....	844,688	Feb. 19	3919	829-30	126	2836
Die-carrier.....	R. Grieser.....	859,214	July 9	1388	369	129	498
Die-cutting machine.....	H. J. Doughty.....	853,501	May 14	2282	472-4	128	620
Die-feeding mechanism.....	E. Einfeldt.....	841,950	Jan. 22	4327	932-3	126	1221
Die-head.....	W. A. Kerr.....	847,186	Mar. 12	2924	643-4	127	767
Die-plate.....	J. J. Malloy.....	840,147	Jan. 1	731	159	126	199
Die-press.....	A. J. Thomson.....	867,540	Oct. 1	476	136-7	130	1461
Die-securing means.....	C. N. Frey.....	851,350	Apr. 23	5297	1109	127	3046
Die-stock.....	C. F. Schultis.....	848,401	Mar. 26	5386	1175	127	1444
Die-stock.....	W. H. Wilson.....	853,329	May 14	1962	406	128	536
Die-stock.....	S. Jorgensen.....	870,828	Nov. 12	1528	418	131	529
Die-stock. Adjustable.....	B. Borden.....	855,752	June 4	603	123-4	128	1850
Die-stock. Adjustable.....	B. Borden.....	865,157	Sept. 3	595	167	130	181
Die-stock holding and operating device.....	W. V. Bulman.....	845,514	Feb. 26	5554	1177	126	3287
Die-stock reamer attachment.....	F. S. Barnes.....	849,880	Apr. 9	2477	509	127	2255
Dies.....	P. Rieseck.....	848,688	Apr. 2	138	29	127	1623
Differential clip for aerial ropeways, &c.....	Y. Tamamura.....	850,504	Apr. 16	3634	760	127	2589
Diffusion apparatus.....	F. von Klauudy and F. Junger.....	860,810	July 23	3840	1053	129	1364
Diffusion apparatus.....	F. Closs.....	868,328	Oct. 15	1749	493	130	1889
Digester and cooker. Rotary.....	M. R. Kennedy.....	870,562	Nov. 12	1085	297	131	384
Digester-cover.....	G. D. Huntington, A. R. O'Neill, and F. P. Noone.....	853,795	May 14	2874	591	128	772
Digger:							
<i>See</i> Compost-digger.....	Sage-brush digger.						
Post-hole digger.....	Weed-digger.						
Potato-digger.....							
Digger or scraper.....	C. H. Gunn.....	867,499	Oct. 1	411	116-17	130	1443
Digging apparatus.....	H. B. Arden.....	854,395	May 21	4076	843	128	1114
Dining-table.....	J. A. Schackner.....	872,256	Nov. 26	4442	1056	131	1110
Dinitroglycerin and making the same.....	A. Mikolajczak. (Reissue).....	12,669	July 2	1349	.....	129	456
Dipper.....	C. F. Smith.....	843,372	Feb. 5	1079	223	126	2063
Dipper-mounting.....	A. L. Becker.....	857,577	June 25	4157	880	128	2847
Dipping-machine.....	W. M. Tulley.....	872,863	Dec. 3	1151	244-5	131	1347
Dipping-tank.....	A. A. Kramer.....	854,223	May 21	3785	781	128	1039
Direct-acting engine.....	G. D. Hunter.....	842,150	Jan. 22	4738	1013	126	1321
Direct-acting engine. Compensating.....	W. C. Brown.....	846,005	Mar. 5	583	122	127	149
Directory or book. Telephone.....	C. E. Napp.....	845,703	Feb. 26	5920	1250-1	126	3378
Directory. Telephone.....	G. C. Odor.....	857,662	June 25	4309	910	128	2887
Directory. Telephone.....	C. E. Napp.....	873,259	Dec. 10	1968	412	131	1511
Directory. Telephone.....	A. Weinraub.....	875,478	Dec. 31	6464	1351	131	2329
Dirt-carrier.....	J. H. Moragne.....	847,199	Mar. 12	2967	653-4	127	779
Disappearing chair. Automatic.....	L. G. Finch.....	841,135	Jan. 15	2721	594	126	781
Discharge tank or reservoir. Intermittent.....	C. Potts.....	871,820	Nov. 26	3489	854-5	131	965
Discharging apparatus. Automatic.....	H. C. Lindsly.....	842,567	Jan. 29	5650	1194-5	126	1589
Discharging apparatus. Rotary.....	J. J. Power. (Reissue).....	12,655	May 21	4700	978-8	128	1268
Discharging device. Automatic.....	T. Kopf.....	866,204	Sept. 17	2252	628	130	764
Disengageable coupling.....	G. Leske.....	854,656	May 21	4561	953	128	1233
Dish and drip pan. Combined.....	D. E. Bonathan.....	855,089	May 28	5499	1140	128	1503
Dish-drainer.....	J. P. Tibbitts.....	846,263	Mar. 5	1080	234	127	275
Dish-drainer.....	H. T. Hughes.....	861,181	July 23	4409	1210	129	1547
Dish drier and drainer.....	A. T. Baugh.....	863,772	Aug. 20	2616	723-4	129	2963
Dish for holding oranges, &c.....	H. F. Provandie.....	844,287	Feb. 12	2849	607	126	2539
Dish-washer.....	M. V. Trimble.....	842,726	Jan. 29	6028	1269	126	1683
Dish-washer.....	M. M. McKee.....	847,495	Mar. 19	3553	775-9	127	955
Dish-washer.....	W. S. Bundy.....	851,584	Apr. 23	5762	1204-5	127	3163
Dish-washer.....	T. E. Jones.....	855,785	June 4	662	135	128	1864
Dish-washer.....	C. O. Hescocx.....	860,804	July 23	3833	1050-1	129	1362
Dish-washer.....	J. M. Gilbert.....	867,968	Oct. 15	1194	330	130	1720
Dish-washing apparatus.....	R. R. Smith.....	839,898	Jan. 1	196	43	126	55
Dish-washing apparatus.....	H. F. Low.....	858,522	July 2	274	67	129	97
Dish-washing apparatus.....	S. F. Robinson.....	863,649	Aug. 20	2441	671	129	2907
Dish-washing machine.....	R. H. Sunkle.....	847,139	Mar. 12	2811	621	127	740
Dish-washing machine.....	J. Krebbel.....	849,627	Apr. 9	2003	411	127	2133
Dish-washing machine.....	J. G. Cochrane.....	852,419	May 7	19	5	128	8
Dish-washing machine.....	A. W. Bodell.....	852,866	May 7	1021	211-12	128	260
Dish-washing machine.....	J. A. Hamelback.....	855,570	June 4	235	46-7	128	1756
Dish-washing machine.....	G. A. Beidler.....	860,515	July 16	3366	924-5	129	1177
Dish-washing machine.....	J. C. McVey.....	861,670	July 30	5200	1429	129	1833
Dish-washing machine.....	J. E. Conway.....	862,138	Aug. 6	29	8	129	2091
Dish-washing machine.....	E. J. Robinson.....	862,662	Aug. 6	936	251-2	129	2373
Dish-washing machine.....	A. Insinger.....	865,151	Sept. 3	631	179	130	191
Disinfectant candle.....	C. B. Dolge.....	860,450	July 16	3281	896	129	1148
Disinfectants to water-closets. Apparatus for applying.....	A. D. Easton.....	846,831	Mar. 12	2242	493	127	600
Disinfecting and deodorizing.....	E. Fournier.....	860,456	July 16	3291	.....	129	1152
Disinfecting, antiseptic, and other purposes. Composition for.....	L. H. Reuter.....	875,380	Dec. 31	6272	.....	131	2298
Disinfecting apparatus.....	W. J. Bowerman.....	862,304	Aug. 6	331	92	129	2186
Disinfecting apparatus.....	W. H. Rose.....	865,061	Sept. 3	475	131	130	144
Disinfecting device.....	J. E. Lee.....	845,559	Feb. 26	5636	1194	126	3308

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Disinfecting, odorizing, or other purposes. Apparatus for	H. S. Blackmore.....	853,913	May 14	3137	642	128	835
Disinfecting or antiseptic composition and making same.	H. S. Blackmore.....	861,571	July 30	5055	.....	129	1790
Disinfecting or odorizing apparatus. Automatic	H. S. Blackmore.....	853,434	May 14	2141	446	128	581
Disinfecting-tablet	W. H. Power.....	850,849	Apr. 16	4301	903	127	2758
Disinfection. Process of	F. Duret.....	855,942	June 4	968	201	128	1938
Disinfectors for water-closets	W. H. Ermentrout.....	843,080	Feb. 5	491	103	126	1919
Disintegrating amorphous bodies	E. G. Acheson.....	843,426	Feb. 5	1160	.....	126	2082
Disintegrating apparatus. Soft-middlings-disintegrator	J. M. Case.....	845,851	Mar. 5	229	47	127	60
Disk drill	W. Cox.....	861,437	July 30	4868	1334	129	1729
Disk-feeding machine	S. E. Davis and T. Brennan, Jr.....	850,999	Apr. 23	4580	959-10	127	2867
Disk-knife holder	A. H. Neureuther.....	867,834	Oct. 8	929	265	130	1617
Disk meter	J. Brooks.....	870,220	Nov. 5	550	147	131	180
Dispensing apparatus	E. E. Gamon.....	856,244	June 11	1552	325-6	128	2120
Dispensing apparatus	E. C. Tracey.....	852,472	May 7	178	31	128	54
Dispensing apparatus	H. C. Beman.....	867,094	Sept. 24	3598	1020	130	1220
Dispensing-box wall-section.	G. J. Holl.....	874,072	Dec. 17	3661	769	131	1815
Dispensing-can	L. Stowe.....	869,942	Nov. 5	96	28	131	32
Dispensing can or receptacle	C. Goodchild.....	868,426	Oct. 15	1906	533	130	1936
Display apparatus	C. F. Eberhard.....	867,023	Sept. 24	3484	986	130	1187
Display apparatus	W. A. McKeney.....	850,243	Apr. 16	3135	655	127	2460
Display-bin for counters, &c.	J., Jr. and A. A. Wiedemeier.....	874,817	Dec. 17	3081	656	131	1731
Display-box	C. M. Herr.....	868,986	Oct. 22	2796	771	130	2240
Display-box	C. C. Allen.....	843,191	Feb. 5	732	150-1	126	1980
Display-box	C. C. Rahn.....	843,364	Feb. 5	1067	220	126	2060
Display-box	M. Blumberg.....	848,431	Mar. 26	5450	1188	127	1461
Display-box	M. Friedman.....	861,962	July 30	5649	1567	129	1969
Display-box. Folding	P. S. Bauer.....	852,696	May 7	657	127	128	174
Display-cabinet	J. T. Stinson and W. F. Hall.....	841,349	Jan. 15	3146	678	126	889
Display-cabinet	E. J. Loomis.....	841,551	Jan. 15	3517	760	126	985
Display-cabinet	M. T. Brennan.....	849,656	Apr. 9	2059	422	127	2147
Display-cabinet	E. A. Wilcox.....	857,265	June 18	3544	751	128	2664
Display-cabinet	T. C. Hutcheson and A. M. Wilkins.....	872,942	Dec. 3	1306	276	131	1372
Display-cabinet for laces, &c.	W. A. Rucker.....	866,814	Sept. 24	3174	891	130	1091
Display cabinet. Lace-curtain	C. B. Westbrook.....	844,432	Feb. 19	3149	677	126	2653
Display can or box. Sheet-metal	F. Rudolphi and E. Brauningner.....	846,351	Mar. 5	1254	275	127	316
Display can or box. Sheet-metal	F. Rudolphi.....	847,441	Mar. 19	3452	758	127	928
Display can or box. Sheet-metal	F. Rudolphi and E. Brauningner.....	847,973	Mar. 19	4563	1002	127	1202
Display-can. Sheet-metal	F. Rudolphi.....	847,972	Mar. 19	4562	1002	127	1201
Display-can. Sheet-metal	F. Rudolphi.....	873,137	Dec. 10	1737	364	131	1472
Display-card-rack	F. L. Stone.....	873,184	Dec. 10	1838	385	131	1487
Display-carton	W. S. Morrison.....	866,211	Sept. 17	2262	631	130	768
Display-case	H. C. Egly.....	846,191	Mar. 5	958	203	127	243
Display-case	W. Simon.....	852,982	May 7	1256	259	128	319
Display-case	B. P. Ramsey.....	855,201	May 28	5713	1189	128	1555
Display-case	C. A. Weaver.....	863,121	Aug. 13	1655	443-4	129	2631
Display-case	C. A. Weaver.....	863,767	Aug. 20	2607	721	129	2960
Display-case	A. E. Lyons.....	871,877	Nov. 26	3631	885	131	986
Display-case for post-cards, &c.	A. C. Cedarburg.....	874,301	Dec. 17	4105	864	131	1891
Display-case. Market-box	H. J. Johnson and T. J. Larkin.....	871,802	Nov. 26	3446	846	131	960
Display cases. Extension-bracket for garment	L. W. Welch.....	865,735	Sept. 10	1527	431	130	497
Display-cover	G. E. H. Richter.....	865,208	Sept. 3	676	193	130	205
Display-cover for provision and other receptacles	J. La Rocque.....	862,868	Aug. 6	1258	341	129	2469
Display device	J. M. Kelley.....	841,535	Jan. 15	3491	753-4	126	979
Display device	L. W. Plummer.....	841,813	Jan. 22	4066	876	126	115
Display device	S. W. Huntington.....	850,649	Apr. 16	3930	821	127	2666
Display device	F. W. Chamberlain.....	860,635	July 23	3582	982	129	1282
Display device	C. C. Barnea.....	861,935	July 30	5601	1548	129	1953
Display device	W. J. Shortill.....	871,190	Nov. 19	2163	577	131	728
Display device	C. C. Fleming.....	873,421	Dec. 10	2298	480	131	1566
Display device. Adjustable shoe-	W. F. Spicer.....	854,769	May 28	4823	1002	128	1330
Display device for cigar-boxes.	W. P. Bowers.....	874,294	Dec. 17	4087	861	131	1888
Display dish-rack	J. B. Timberlake.....	839,906	Jan. 1	209	46	126	59
Display-easel	J. E. Twitchell. (Reissue).....	12,711	Oct. 29	4196	1159	130	2696
Display-easel	J. B. Timberlake.....	869,995	Nov. 5	195	51	131	69
Display-easel	J. E. Twitchell.....	870,914	Nov. 12	1660	457	131	570
Display-fixture	H. Frankel.....	844,670	Feb. 19	3885	822	126	2827
Display-fixture	L. M. and F. A. Beeler.....	848,623	Apr. 2	8	2	127	1586
Display-fixture base	H. Frankel.....	850,882	Apr. 16	4366	915	127	2776
Display-form	G. Galland.....	845,403	Feb. 26	5344	1133	126	3234
Display-frame	G. P. Cathrea.....	867,109	Sept. 24	3617	1026	130	1226
Display-hanger	R. O. Doughty.....	841,945	Jan. 22	4318	930	126	1219
Display-holder	F. Prutton.....	857,108	June 18	3252	684	128	2590
Display-holder for cards or similar articles	A. V. Groupe.....	844,279	Feb. 12	2835	664	126	2536
Display-holder for rugs	E. Brown.....	857,716	June 25	4424	934	128	2916
Display-holder for windows	S. Golombek.....	840,618	Jan. 8	1688	370	126	476
Display means for doors or the like	F. L. Williams.....	865,465	Sept. 10	1097	313	130	363
Display mechanism. Colored-light-	N. C. Nielsen.....	845,568	Feb. 26	5648	1186-7	126	3311
Display novelty	R. L. Wells.....	858,313	June 25	5608	1200	128	3215
Display outfit	S. Newman.....	845,887	Mar. 5	332	68	127	85
Display outfit	S. Newman and H. R. Bothwell.....	846,690	Mar. 12	1958	431	127	528
Display-package	H. C. Schultz.....	843,419	Feb. 5	1147	240	126	2079
Display-rack	C. S. Copp and L. Frank.....	840,112	Jan. 1	636	137	126	168
Display-rack	G. Grossman.....	842,651	Jan. 29	5829	1232	126	1634
Display-rack	E. B. Weston.....	842,929	Feb. 5	175	40	126	1834
Display-rack	A. B. Losee.....	843,220	Feb. 5	787	162	126	1994
Display-rack	E. B. Weston.....	844,071	Feb. 12	2404	515	126	2427
Display-rack	W. B. Loewenberg.....	845,658	Feb. 26	5835	1232-3	126	3355
Display-rack	L. A. Alson.....	845,739	Mar. 5	8	1-2	127	5
Display-rack	F. Rudy.....	845,821	Mar. 5	175	34	127	47
Display-rack	F. P. Sparrmaker and J. L. Henry.....	846,359	Mar. 5	1269	279	127	319
Display-rack	J. E. Taylor.....	847,214	Mar. 12	2990	658-9	127	786
Display-rack	D. F. Grenawalt.....	848,100	Mar. 26	4815	1050-1	127	1303
Display-rack	W. C. Hahn.....	849,066	Apr. 2	904	185	127	1818

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Display-rack.	R. S. Hicks	849,069	Apr. 2	910	186	127	1820
Display-rack.	T. E. Arnold	849,589	Apr. 9	1940	397	127	2117
Display-rack.	A. B. Hall	850,221	Apr. 16	3096	648	127	2448
Display-rack.	E. D. Harding	851,748	Apr. 30	6103	1276	127	3278
Display-rack.	L. A. Alson	853,051	May 7	1391	290	128	354
Display-rack.	A. C. La May	855,462	June 4	40	9-10	128	1705
Display-rack.	F. P. Sawyer	856,809	June 11	2679	553	128	2407
Display-rack.	L. N. Rost	858,472	July 2	189	45	129	71
Display-rack.	D. F. Greenawalt	861,363	July 30	4729	1292	129	1688
Display-rack.	R. Szczys	864,438	Aug. 27	3628	1008-9	129	3307
Display-rack.	R. E. Martin	867,738	Oct. 8	771	216-17	130	1568
Display-rack.	F. H. Corwin	867,801	Oct. 8	877	249	130	1602
Display-rack.	R. L. Wilcox	869,603	Oct. 29	3798	1038	130	2578
Display-rack.	J. B. Timberlake	869,996	Nov. 5	196	51	131	69
Display-rack.	S. M. Hultz and C. I. Smith	870,176	Nov. 5	465	128	131	153
Display-rack.	J. J. Karges	870,680	Nov. 12	1278	348-9	131	449
Display-rack.	J. J. Karges	870,681	Nov. 12	1280	349-50	131	450
Display-rack.	F. D. Eno and M. J. Cook	874,315	Dec. 17	4137	871	131	1895
Display-rack.	J. B. Timberlake	874,917	Dec. 24	5353	1119-20	131	2124
Display-rack and meat-hanger. Refrigerator.	H. L. Crawford	854,805	May 28	4890	1015	128	1346
Display-rack attachment.	E. B. Weston	850,554	Apr. 16	3726	778	127	2614
Display-rack. Collapsible.	M. Mayer	865,790	Sept. 10	1607	454	130	521
Display-rack. Curtain.	C. A. Jones	861,466	July 30	4900	1345	129	1738
Display-rack. Curtain.	W. H. Parrill	866,299	Sept. 17	2399	669	130	812
Display-rack. Curtain.	H. R. Nelson	872,840	Dec. 3	1100	230-1	131	1339
Display-rack. Extensible.	C. K. Hurd	843,396	Feb. 5	1111	231	126	2070
Display-rack for bedsteads.	J. F. Lindley, Jr.	858,733	July 2	642	169	129	222
Display-rack for metal bedsteads.	H. L. Powell	865,268	Sept. 3	767	219	130	232
Display-rack. Package.	J. A. Dunlap	866,634	Sept. 24	2881	814	130	995
Display-rack. Seed.	L. L. Morse	855,862	June 4	816	170	128	1900
Display-receptacle.	J. M. Kelley	841,536	Jan. 15	3493	754	126	980
Display-receptacle.	C. C. Barnea	861,934	July 30	5600	1547	129	1952
Display-receptacle for small articles.	J. C. Diamant	860,535	July 16	3397	933	129	1187
Display shelf and rack. Combined.	T. L. Newport	862,841	Aug. 6	1219	328	129	2456
Display-shelving.	R. T. Joyce	852,229	Apr. 30	7090	1482	127	3531
Display-stand.	C. T. Jackley	840,493	Jan. 8	1433	316	126	412
Display-stand.	G. H. Richardson	844,402	Feb. 19	3100	665	126	2639
Display-stand.	G. P. Sardou and G. Stadlander.	844,754	Feb. 19	4059	865	126	2870
Display-stand.	J. F. Riedy	846,347	Mar. 5	1248	274	127	314
Display-stand.	A. P. Hollinger	847,943	Mar. 19	4498	986	127	1187
Display-stand.	W. H. Glenn	848,237	Mar. 26	5045	1103-4	127	1362
Display-stand.	S. Brackstone	848,718	Apr. 2	195	40	127	1637
Display-stand.	J. B. Gordon	849,676	Apr. 9	2093	430	127	2156
Display-stand.	J. J. Requa	852,451	May 7	83	17	128	24
Display-stand.	C. S. Botsford	853,762	May 14	2821	580	128	758
Display-stand.	H. H. Fack	854,994	May 28	5276	1097	128	1446
Display-stand.	H. E. Smith	857,763	June 25	4520	954	128	2940
Display-stand.	A. E. Brown	869,053	Oct. 22	2908	801-2	130	2275
Display-stand.	R. Brooks	872,274	Nov. 26	4469	1062	131	1116
Display-stand.	W. F. St. Clair	872,771	Dec. 3	951	198	131	1317
Display-stand.	W. D. Molony	873,881	Dec. 17	3219	686	131	1753
Display-stand for hats.	C. E. Mentzer	872,139	Nov. 26	4207	1004	131	1073
Display-stand. Knockdown.	P. R. Warren	844,066	Feb. 12	2397	513	126	2425
Display-stand. Locking.	S. D. McMillan	867,996	Oct. 15	1237	342	130	1734
Display-stand. Veiling.	E. S. Aiken	871,198	Nov. 19	2182	580	131	731
Display-table.	C. I. Berg	853,215	May 14	1716	356	128	466
Displaying and vending device.	C. L. Maloney	840,702	Jan. 8	1833	404	126	513
Displaying form. Wearing-apparel.	H. C. Edwards and H. R. H. Dunbar.	846,833	Mar. 12	2252	494	127	104
Displaying, measuring, and cutting-off machine.	W. C. Heinen and W. F. Dau.	866,277	Sept. 17	2363	657-8	130	801
Oil-cloth	H. E. Northup	841,266	Jan. 15	2968	645	126	842
Displaying paint-colors. Means for.	F. C. Schmidt	863,661	Aug. 20	2452	675-6	129	2911
Displaying wall-paper, &c. Means for.	W. O. Wood and H. Knudsen	846,604	Feb. 26	5711	1210	126	3326
Disruptive or explosive effects. Obtaining.	G. B. Frankforter	875,342	Dec. 31	6202	1293	131	2285
Distillation. Apparatus for wood.	J. N. Watt	851,718	Apr. 30	6056	1264	127	3267
Distillation. Process of.	E. Bradley	873,710	Dec. 17	2860	608	131	1696
Distilled spirits. Package for.	J. F. Wittemann	845,286	Feb. 26	5115	1084	126	3180
Distilling.	H. Hirzel	848,903	Apr. 2	616	123	127	1746
Distilling.	O. Unglaub	859,352	July 9	1615	430	129	576
Distilling and evaporating. Means or apparatus for.	P. J. Hope	841,401	Jan. 15	3242	699	126	913
Distilling apparatus.	H. A. Abendroth	843,318	Feb. 5	986	202	126	2039
Distilling apparatus.	J. F. Wittemann	845,285	Feb. 26	5111	1084	126	3179
Distilling apparatus.	M. Llodra	858,346	June 25	5680	1213-14	128	3238
Distilling apparatus.	W. F. M. Goss	862,631	Aug. 6	890	238-9	129	2360
Distilling apparatus.	H. A. Mackie	864,320	Aug. 27	3445	959	129	3247
Distilling apparatus. Water.	R. S. and H. C. Lazenby	846,322	Mar. 5	1193	263	127	302
Distilling apparatus. Wood.	A. A. MacKethan	847,676	Mar. 19	3940	860	127	1055
Distilling apparatus. Wood.	A. J. McKArthur	855,330	May 28	5937	1238	128	1613
Distilling apparatus. Wood.	E. G. Jewett	863,718	Aug. 20	2527	697-8	129	2935
Distilling coal.	O. A. Gobbe	852,268	Apr. 30	7152	1498-9	127	3546
Distilling, concentrating, and evaporating liquids.	J. E. Siebel	849,579	Apr. 9	1917	393	127	2112
Distilling. Exhaustion of head products in.	E. Guillaume	851,286	Apr. 23	5169	1086	127	3015
Distilling organic matters.	T. M. U. von Post	860,058	July 16	2694	733-4	129	956
Distilling wood.	C. S. Hammatt	843,599	Feb. 12	1527	324	126	2207
Distributing apparatus.	G. C. Ellerton	853,870	May 14	3034	624-5	128	808
Distributing device.	O. Caviglia	853,769	May 14	2833	582	128	762
Distribution system.	B. Frankenfield	850,217	Apr. 16	3085	646-7	127	2445
Distribution system.	B. Frankenfield	850,218	Apr. 16	3088	647	127	2448
Distribution system.	L. L. Tatum	850,278	Apr. 16	3188	665	127	2475
Distribution system.	K. C. Randall	853,374	May 14	2042	423	128	556
Distribution system.	E. M. Gerry	872,724	Dec. 3	850	178	131	1302
Distribution system.	J. B. Taylor	873,107	Dec. 10	1683	351	131	1463
Ditch-cleaning shovel.	R. A. Goggin	861,107	July 23	4308	1183	129	1516
Ditch-digging machine.	G. M. and C. N. Schnell	863,319	Aug. 13	1954	526-7	129	2724

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Ditch-leveling device.	S. E. Stoner.	854,916	May 28	5130	1067	128	1410
Ditching and grading machine.	O. E. Casey.	873,718	Dec. 17	2884	612	131	1698
Ditching and grading machine. Automobile.	M. G. Bunnell.	841,073	Jan. 8	2571	562-3	126	698
Ditching-machine.	F. J. Goergen and F. J. Diederich.	840,617	Jan. 8	1686	369-70	126	476
Ditching-machine.	R. L. Everett.	841,315	Jan. 15	3075	665	126	870
Ditching-machine.	F. L. Shenefelt.	847,703	Mar. 19	3997	873-4	127	1069
Ditching-machine.	M. P. Carpenter.	849,458	Apr. 9	1654	335-6	127	2048
Ditching-machine.	W. Umstead.	852,207	Apr. 30	7047	1472	127	3520
Ditching-machine.	A. J. Koob.	853,804	May 14	2890	594-5	128	775
Ditching-machine.	T. Linga.	853,985	May 21	3286	676	128	912
Ditching-machine.	E. S. Boyd.	854,559	May 21	4392	911	128	1192
Ditching-machine.	L. H. Erickson.	855,507	June 4	124	25	128	1725
Ditching-machine.	J. S. Blackie.	861,080	July 23	4266	1169-70	129	1500
Ditching-machine.	G. C. Griffin.	865,381	Sept. 10	964	276-7	130	321
Ditching-machine.	J. B. Hill.	865,702	Sept. 10	1472	416	130	479
Ditching-machine.	G. Warne.	871,011	Nov. 12	1820	497	131	619
Ditching-machine. Tile.	M. L. Poulter and M. J. Munson.	868,937	Oct. 22	2728	752-3	130	2219
Ditching-machines. Clearing-wing for.	W. Umstead.	869,115	Oct. 22	2991	826	130	2301
Ditching-shovel. Self-cleaning.	W. F. Cook.	841,374	Jan. 15	3191	687-8	126	900
Ditching-shovel. Self-cleaning.	W. F. Cook.	841,375	Jan. 15	3194	688-9	126	901
Diver's helmet.	P. Hansen.	867,719	Oct. 8	745	209	130	1561
Dividers. Center for.	G. E. Perry.	841,713	Jan. 22	3851	837	126	1102
Dividing-head.	L. Thiel.	864,873	Sept. 3	174	50	130	55
Dividing-machine.	H. P. Hayes.	842,694	Jan. 29	5949	1253-4	126	1664
Dock.	W. E. Overton.	843,355	Feb. 5	1048	216	126	2054
Dock. Floating.	A. F. Wiking.	853,328	May 14	1961	405-6	128	536
Dock. Floating dry.	W. T. Donnelly.	849,378	Apr. 9	1521	307-9	127	2012
Dock. Floating dry.	E. Gunnell.	857,733	June 25	4461	942	128	2926
Document-holder.	M. I. Sullivan.	850,408	Apr. 16	3439	721	127	2541
Dog-kennel door.	A. S. Woolstencroft.	861,788	July 30	5388	1486	129	1889
Doll.	S. A. West.	849,588	Apr. 9	1938	396	127	2117
Doll.	E. T. Hincks.	853,639	May 14	2560	530	128	690
Dolls. Apparatus for turning and bowing the heads of.	H. Fiedeler.	863,270	Aug. 13	1885	508	129	2702
Dolly. Jam.	J. Weimer.	856,750	June 11	2579	530	128	2382
Domestic boiler.	P. Rahm.	867,598	Oct. 8	577	163	130	1510
Door.	F. A. Lang.	841,696	Jan. 22	3819	831	126	1095
Door.	I. Kostelanitz.	848,661	Apr. 2	77	18	127	1604
Door.	C. A. Gloekler.	851,879	Apr. 30	6372	1329	127	3349
Door.	A. Ritter.	856,369	June 11	1849	380	128	2198
Door.	J. A. Benisch.	864,503	Aug. 27	3729	1039	129	3342
Door.	F. A. Lang.	867,888	Oct. 8	1013	289	130	1642
Door and cupboard catch.	S. C. Schofield.	872,309	Nov. 26	4543	1076	131	1127
Door and frame therefor for opening and closing air-tight chambers.	S. P. Stevenson. (Reissue).	12,717	Nov. 12	1961	538	131	663
Door and hinge.	J. McMullen.	874,528	Dec. 24	4572	959	131	1997
Door and window locking device.	J. Wittmann.	843,730	Feb. 12	1774	378	126	2273
Door and window screen.	A. M. Gifford.	845,869	Mar. 5	277	56	127	71
Door appliance. Sliding.	M. Logan.	848,475	Mar. 26	5523	1204	127	1480
Door attachment.	S. A. Ott.	859,244	July 9	1439	383	129	519
Door attachment.	C. W. Simmons.	862,592	Aug. 6	836	223	129	2343
Door attachment. Screen.	C. S. McElroy.	873,580	Dec. 10	2611	550	131	1619
Door. Barn.	S. Schooley.	864,699	Aug. 27	4074	1132	129	3445
Door-bolt.	E. Schleggtendal.	850,322	Apr. 16	3273	682	127	2499
Door-catch.	G. W. Mallory.	849,692	Apr. 9	2114	435	127	2161
Door-catch.	T. W. Stodden.	853,272	May 14	1820	379	128	494
Door-catch.	A. J. McCauley.	859,459	July 9	1762	471	129	625
Door-catch and its locking device.	O. C. Little.	861,526	July 30	4975	1367	129	1762
Door-check.	R. R. Smith.	842,121	Jan. 22	4661	1001	126	1301
Door-check.	C. G. Deming.	842,304	Jan. 29	5070	1080	126	1437
Door-check.	R. R. Smith.	842,350	Jan. 29	5174	1099	126	1465
Door-check.	W. H. Brothers.	842,521	Jan. 29	5566	1177	126	1569
Door-check.	J. L. Ridgway.	847,113	Mar. 12	2786	615	127	733
Door-check.	M. L. Harris.	847,285	Mar. 12	3114	686	127	816
Door-check.	T. J. Younglove.	851,150	Apr. 23	4877	1026	127	2942
Door-check.	T. J. Younglove.	851,192	Apr. 23	4963	1043	127	2962
Door-check.	T. J. Younglove.	851,193	Apr. 23	4964	1043	127	2963
Door-check.	W. H. Terry.	852,585	May 7	436	79	128	115
Door-check.	M. L. Harris.	856,865	June 11	2777	578	128	2429
Door-check.	J. A. Reed.	857,486	June 18	3966	842	128	2768
Door-check.	E. J. Passino.	858,905	July 2	929	242-3	129	319
Door-check.	J. G. Keith.	863,610	Aug. 20	2383	654	129	2888
Door-check.	J. V. Edgcomb.	867,811	Oct. 8	900	255	130	1608
Door-check.	L. C. Norton.	868,357	Oct. 15	1791	505-6	130	1901
Door-check.	H. W. Schiermeyer.	869,937	Nov. 5	90	26	131	31
Door-check.	W. Bennett and W. A. Ralston.	870,216	Nov. 5	545	146	131	179
Door-check.	I. R. Matthews.	872,529	Dec. 3	459	95	131	1237
Door-check.	J. S. Young.	873,693	Dec. 10	2817	600	131	1657
Door check and closer.	P. Papenfoth.	850,394	Apr. 16	3416	716	127	2535
Door check and closer.	J. Bardisley and A. J. Rosentreter.	851,640	Apr. 30	5887	1230-1	127	3224
Door check and closer.	G. W. Mallory.	863,413	Aug. 13	2080	561	129	2766
Door check and closer.	W. M. Dizer.	866,719	Sept. 24	3023	853	130	1043
Door check and holder.	J. R. Gallinger.	845,344	Feb. 26	5226	1109	126	3206
Door check and spring. Combined.	J. H. Shaw.	840,872	Jan. 8	2167	478	126	593
Door check and tightener.	E. Conklin.	847,909	Mar. 19	4427	971	127	1169
Door check and tightener.	E. Conklin.	874,659	Dec. 24	4825	1013	131	2041
Door check or bumper.	H. F. Kell.	872,184	Nov. 26	4290	1025	131	1088
Door check or bumper.	H. F. Kell.	872,185	Nov. 26	4290	1025	131	1088
Door check. Screen.	D. W. Anderson.	844,078	Feb. 12	2414	517	126	2429
Door-clamp.	D. Dixon.	863,789	Aug. 20	2646	732	129	2973
Door-closer.	R. Adams.	841,608	Jan. 15	3627	787-8	126	1013
Door closer and check.	G. Rischmuller.	850,545	Apr. 16	3707	775	127	2610
Door closer and check.	W. K. Henry.	873,433	Dec. 10	2316	485	131	1570
Door closer and check.	R. Adams.	874,721	Dec. 24	4960	1041-2	131	2061
Door closer and check. Combined.	W. N. Amsbary.	851,972	Apr. 30	6569	1369	127	3399
Door. Combination.	H. Thomas.	867,446	Oct. 1	322	94	130	1413

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Door. Combined storm and screen.	S. J. Spicer.	864,931	Sept. 3	265	70	130	84
Door construction. Sliding.	A. R. Curtis.	841,378	Jan. 15	3202	690	126	903
Door construction. Sliding.	S. A. Baker.	860,959	July 23	4079	1117-18	129	1443
Door-controller.	W. G. Bell.	851,272	Apr. 23	5137	1081	127	3005
Door-controlling device.	C. H. Ocumpaugh.	870,640	Nov. 12	1219	330	131	432
Door-fastener.	I. A. Fleming.	848,817	Apr. 2	444	87	127	1699
Door-fastener.	A. L. Bergsten.	855,498	June 4	112	22	128	1722
Door-fastener.	M. D. Merring.	855,961	June 4	999	209	128	1946
Door-fastener.	D. Wilde.	858,244	June 25	5492	1172	128	3187
Door-fastener.	W. Moore.	861,754	July 30	5324	1469	129	1868
Door-fastener.	T. C. Powell.	866,681	Sept. 24	2961	838	130	1016
Door-fastener.	S. P. Stevenson.	872,470	Dec. 3	331	68	131	1218
Door-fastener.	A. L. Lee.	874,688	Dec. 24	4580	1026	131	2050
Door-fastener.	M. J. Flannery.	875,572	Dec. 31	6634	1388	131	2353
Door fastener and opener.	C. Smith.	872,022	Nov. 26	3974	955	131	1034
Door fastener. Sliding.	L. A. West.	841,910	Jan. 22	4260	917	126	1205
Door fastener. Sliding.	W. H. Durant.	842,535	Jan. 29	5589	1183	126	1575
Door fastener. Sliding.	C. S. Morse.	846,129	Mar. 5	850	178	127	216
Door fastener. Sliding.	J. A. McPhayden.	846,235	Mar. 5	1035	222	127	263
Door fastener. Sliding.	J. Dierickx.	848,451	Mar. 26	5491	1196	127	1472
Door fastener. Sliding.	H. P. Macdonald.	853,251	May 14	1781	370	128	485
Door fastener. Sliding.	R. Campbell.	857,922	June 25	4832	1024	128	3017
Door fastener. Sliding.	R. T. Stone.	869,202	Oct. 22	3118	859	130	2341
Door-fastening.	V. W. Blanchard.	849,322	Apr. 2	1403	282	127	1945
Door-fastening device. Sliding.	H. D. Nichols.	860,408	July 16	3216	880	129	1127
Door. Folding screen.	B. F. and S. A. Patschke and W. H. Boyer.	864,026	Aug. 20	2988	826	129	3077
Door for cold-storage rooms. Swing-	J. F. Drucker.	849,775	Apr. 9	2268	466	127	2201
Door for fire departments and opener therefor.	L. E. Hale and A. M. Fox.	843,011	Feb. 5	336	73	126	1874
Folding							
Door-frame. Adjustable.	M. M. Moen.	851,300	Apr. 23	5198	1091	127	3022
Door. Gable.	L. Z. Bradbury.	862,961	Aug. 13	1393	379	129	2547
Door-gage.	J. T. Root.	846,349	Mar. 5	1250	275	127	315
Door. Grain.	G. W. Kellogg.	852,331	Apr. 30	7260	1526	127	3571
Door. Grain.	M. Kennedy.	868,097	Oct. 15	1392	390	130	1782
Door. Grain.	R. R. Tichenor.	872,479	Dec. 3	348	71	131	1222
Door. Grain.	W. H. Ascue.	873,115	Dec. 10	1699	354-5	131	1466
Door. Grain.	E. B. Gilleland.	874,759	Dec. 24	5022	1058	131	2073
Door-hanger.	J. H. Burkholder.	841,117	Jan. 15	2689	587	126	772
Door-hanger.	H. B. Pitner.	841,269	Jan. 15	2973	646	126	843
Door-hanger.	T. C. Prouty.	844,467	Feb. 19	3219	695	126	2670
Door-hanger.	T. C. Prouty.	844,468	Feb. 19	3222	695	126	2670
Door-hanger.	P. A. Myers.	845,474	Feb. 26	5490	1163	126	3271
Door-hanger.	H. J. Randall.	845,479	Feb. 26	5501	1164	126	3274
Door-hanger.	G. Wideman.	845,914	Mar. 5	396	81	127	102
Door-hanger.	G. Wideman.	845,989	Mar. 5	551	115	127	141
Door-hanger.	J. H. Burkholder.	851,064	Apr. 23	4705	990	127	2900
Door-hanger.	H. P. Macdonald.	853,250	May 14	1779	370	128	484
Door-hanger.	H. C. Smith.	855,352	May 28	5978	1247-8	128	1623
Door-hanger.	A. J. Ricker.	856,299	June 11	1673	347	128	2151
Door-hanger.	W. McDonald.	856,796	June 11	2660	548	128	2402
Door-hanger.	L. A. Hoerr.	857,174	June 18	3384	714	128	2623
Door-hanger.	J. H. Burkholder.	861,083	July 23	4272	1172	129	1502
Door-hanger.	C. Dipple, Jr.	863,595	Aug. 20	2364	646	129	2882
Door-hanger.	D. Doyen.	865,089	Sept. 3	510	140	130	155
Door-hanger.	O. F. Mann.	867,283	Oct. 1	82	25	130	1339
Door-hanger.	O. A. McFadden.	867,523	Oct. 1	447	128	130	1454
Door-hanger.	H. C. Swafford.	868,144	Oct. 15	1454	409	130	1801
Door-hanger.	J. H. Burkholder.	871,386	Nov. 19	2614	669	131	796
Door-hanger.	J. W. Harris.	873,230	Dec. 10	1907	400	131	1501
Door-hanger.	M. E. Kanaly.	874,013	Dec. 17	3466	738	131	1795
Door-hanger and means to prevent the swaying of doors.	J. Woyak.	854,789	May 28	4860	1010	128	1339
Door-hanger and roller-support for edgewise-movable doors.	D. Schuyler.	867,612	Oct. 8	593	169	130	1515
Door-hanger and track. Combined.	C. L. Bundy.	855,691	June 4	476	99	128	1817
Door-hanger and track therefor.	O. F. Stoneburner.	845,206	Feb. 26	4944	1049	126	3137
Door-hanger and track therefor.	J. Handschumacher.	855,172	May 28	5658	1177	128	1543
Door hanger. Rolling.	M. E. Hunt.	862,561	Aug. 6	785	209	129	2327
Door-hanger track.	P. A. Myers.	873,068	Dec. 10	1607	336	131	1451
Door-holder.	C. F. Ash.	844,081	Feb. 12	2418	518	126	2430
Door-holder.	G. Laube.	852,513	May 7	270	50	128	74
Door-holder.	A. Danielson.	852,655	May 7	567	108	128	148
Door-holder.	A. J. Rosentreter.	871,959	Nov. 26	3797	922	131	1013
Door-holder.	T. C. Scheld.	875,114	Dec. 31	5749	1199	131	2213
Door-holder fixture.	J. S. Naery.	839,876	Jan. 1	149	35	126	43
Door-holding clamp.	F. J. Britton.	859,800	July 9	2276	620	129	791
Door-lock.	J. Sliga.	840,666	Jan. 8	1763	388	126	495
Door-lock.	W. W. Fessler.	843,200	Feb. 5	749	154	126	1984
Door-lock.	T. B. Jack.	855,177	May 28	5670	1179	128	1546
Door-lock.	A. J. Berger.	856,214	June 11	1474	311	128	2100
Door-lock.	F. Muschenheim.	864,670	Aug. 27	4026	1117	129	5429
Door-lock.	F. G. Seyffarth.	866,893	Sept. 24	3278	922	130	1122
Door-lock.	F. Piening.	872,582	Dec. 3	565	118	131	1254
Door-lock and latch.	W. H. Hope.	866,583	Sept. 17	2796	782	130	937
Door-lock. Corridor.	H. G. Voigt.	845,020	Feb. 19	4567	973	126	2999
Door-lock. Corridor.	H. G. Voigt.	857,126	June 18	3283	692	128	2598
Door-lock electric switch.	W. E. Hughes.	853,791	May 14	2866	589	128	770
Door-lock. Latch-knob.	L. W. Woodburn.	857,705	June 25	4404	930	128	2911
Door lock mechanism.	I. Johnson.	870,238	Nov. 5	574	154-5	131	188
Door-lock. Pocket.	J. J. Baxter.	869,541	Oct. 29	3676	1007	130	2540
Door-lock. Sliding.	L. Cator.	848,881	Apr. 2	576	115	127	1737
Door-lock. Sliding.	W. M. Cook.	872,110	Nov. 26	4150	903	131	1063
Door locks and latches. Adjustable frame for.	J. Hope, Jr.	857,347	June 18	3695	781-2	128	2703
Door-manipulator.	F. Schmitz.	870,906	Nov. 12	1650	454	131	567

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Door-mat.....	E. W. Cruikshank.....	875,568	Dec. 31	6627	1386	131	2357
Door. Metal.....	A. Mandry.....	849,742	Apr. 9	2197	452	127	2181
Door. Metallic.....	E. G. Budd.....	861,572	July 30	5057	1388	129	1790
Door-opener.....	A. and W. Kirchner.....	840,630	Jan. 8	1703	374	126	480
Door-opener.....	H. D. Clark.....	842,081	Jan. 22	4581	984	126	1281
Door opener and closer.....	D. Wilde.....	858,243	June 25	5490	1171	128	3187
Door-opener. Electric.....	J. Loch.....	852,279	Apr. 30	7170	1504	127	3549
Door opening and closing device.....	H. Witte.....	852,814	May 7	902	183-4	128	230
Door opening, closing, and locking device.....	J. F. Connell.....	851,616	Apr. 23	5817	1216	127	3174
Door opening, closing, and locking device. Sliding.....	J. F. Connell.....	844,251	Feb. 12	2770	590	126	2520
Door-opening device.....	O. M. Edwards.....	848,731	Apr. 2	221	45	127	1643
Door-operating apparatus.....	P. R. Forman.....	857,232	June 18	3479	734-5	128	2647
Door-operating device.....	C. W. and H. C. Butler.....	844,659	Feb. 19	3860	818	126	2820
Door-operating means.....	W. T. Glass.....	851,592	Apr. 23	5773	1207-8	127	3165
Door-operating mechanism.....	F. Ditchfield.....	840,757	Jan. 8	1946	428	126	540
Door-operating mechanism.....	R. F. Le Brocq.....	873,058	Dec. 10	1589	333	131	1447
Door-operating mechanism. Double-sliding.....	C. Metterhausen.....	847,488	Mar. 19	3540	774-5	127	952
Door-operating mechanism. Double-sliding.....	C. Metterhausen.....	864,977	Sept. 3	343	91-2	130	108
Door or gate fastener.....	W. J. Fairbank.....	841,993	Jan. 15	3426	739	126	963
Door or gate opening and closing device.....	R. B. Browne.....	858,147	June 25	5322	1131-2	128	3143
Door or sash lock.....	W. H. McKeiver.....	853,991	May 21	3303	679	128	916
Door or shutter. Self-closing.....	H. T. Moody.....	848,761	Apr. 2	277	56-7	127	1657
Door-pivoting device.....	J. E. Huey.....	842,668	Jan. 29	5883	1240	126	1650
Door plate and handle.....	A. A. Page and J. H. Shaw.....	872,579	Dec. 3	561	117	131	1253
Door-releasing mechanism.....	E. Kauntze.....	853,588	May 14	2448	510	128	661
Door. Revolving.....	C. H. Roekner.....	858,028	June 25	5075	1074-5	128	3079
Door. Rolling.....	J. Erwood.....	873,359	Dec. 10	2184	456	131	1545
Door. Rotary.....	J. F. Drucker.....	864,458	Aug. 27	3661	1018	129	3319
Door. Rotating.....	M. C. Gage.....	843,141	Feb. 5	619	131	126	1953
Door. Screen.....	A. A. Armitage.....	864,059	Aug. 20	3043	841	129	3095
Door-securer.....	E. R. Fuchs.....	840,486	Jan. 8	1418	312-13	126	408
Door-securer.....	H. R. Palmer.....	842,691	Jan. 29	5944	1252	126	1662
Door-securer.....	E. R. Fuchs.....	843,527	Feb. 5	1384	291	126	2139
Door-securer.....	C. Scheer.....	844,191	Feb. 12	2638	565	126	2485
Door-securer.....	H. D. Flegel.....	848,644	Apr. 2	44	10	127	1595
Door-securer.....	J. R. Hall.....	855,569	June 4	234	46	128	1755
Door-securer.....	J. H. N. Peterson.....	860,324	July 16	3085	844	129	1084
Door-securer.....	J. H. N. Peterson.....	866,161	Sept. 17	2194	611	130	746
Door-securer.....	T. B. Wilkinson.....	866,548	Sept. 17	2745	768	130	920
Door-securer.....	W. E. Raines.....	870,846	Nov. 12	1552	426	131	535
Door-securer.....	E. R. Fuchs.....	870,948	Nov. 12	1729	473-4	131	590
Door-securer and corkscrew. Combined.....	G. Prindle.....	863,091	Aug. 13	1598	430	129	2612
Door. Sheet-metal.....	J. Tyra.....	841,908	Jan. 22	4257	917	126	1205
Door. Sheet-metal.....	N. P. Sjöbring.....	847,443	Mar. 19	3457	758	127	929
Door. Shelf.....	F. C. Tacke.....	845,829	Mar. 5	185	36	127	49
Door. Sliding.....	A. L. Lewis.....	846,324	Mar. 5	1196	264	127	302
Door-spring.....	E. J. Wells.....	848,712	Apr. 2	188	39	127	1636
Door-spring.....	W. W. Robertson.....	859,521	July 9	1852	499	129	654
Door spring and stop.....	A. C. Wyman.....	852,091	Apr. 30	6830	1424	127	3464
Door-stop.....	E. W. Hasenpflug.....	841,147	Jan. 15	2748	600	126	788
Door-stop.....	W. H. Fox.....	866,124	Sept. 17	2143	596	130	730
Door-stop.....	O. T. Lucas.....	868,200	Oct. 15	1533	434	130	1824
Door stop and lock.....	C. J. Tatum.....	849,932	Apr. 9	2560	531	127	2276
Door structure.....	V. A. De Canio.....	866,439	Sept. 17	2594	724	130	874
Door structure. Revolving.....	B. H. Uhrich.....	846,069	Mar. 5	720	150-1	127	184
Door. Warehouse.....	J. G. Wilson.....	875,306	Dec. 31	6117	1276-7	131	2273
Doors, Adjustable hinging-strip for.....	L. S. Prentiss.....	870,128	Nov. 5	394	110	131	131
Doors and other objects. Roller-support for movable.....	D. E. Hunter.....	857,557	June 18	4102	870	128	2805
Doors and tracks therefor. Roller-support for edge-wise-movable.....	A. E. W. Wyeth.....	840,732	Jan. 8	1905	419	126	531
Doors, blinds, shutters, &c. Fastening for.....	W. S. Bigelow.....	853,860	May 14	3017	619	128	805
Doors. Combined hanger and track for edgewise-movable.....	D. Schuyler and H. Laughlin, Jr.....	856,607	June 11	2311	475-6	128	2314
Doors. Control of motor-operated.....	D. W. Taylor.....	868,723	Oct. 22	2408	665	130	2120
Doors. Device for electrically operating bulkhead.....	D. R. Knapp.....	852,724	May 7	706	137	128	186
Doors. Device to open.....	J. M. Young.....	854,262	May 21	3846	794	128	1054
Doors, display-frames, &c. Movable supporting means for.....	J. Hoffman.....	840,061	Jan. 1	541	117	126	144
Doors. Means for hanging laterally-movable.....	J. L. Kail.....	865,046	Sept. 3	443	119	130	136
Doors. Operating bulkhead.....	A. A. Buck.....	853,765	May 14	2825	581	128	759
Doors or the like. Brace for screen.....	H. C. Axx.....	874,283	Dec. 17	4067	858	131	1884
Doors. Roller-support for.....	L. Rémond.....	844,471	Feb. 19	3226	696	126	2671
Doors. Roller-support for edgewise-movable.....	G. Georgenson and J. E. Hennen.....	845,631	Feb. 26	5759	1219	126	3338
Doors. Roller-support for movable.....	L. J. Smith.....	845,134	Feb. 26	4805	1018	126	3102
Doors. Slidable hinge-hanger for grain.....	K. Osel.....	841,428	Jan. 15	3292	711	126	926
Doors, windows, and the like. Fastener for.....	E. W. F. Sachse.....	843,111	Feb. 5	566	118-19	126	1939
Double-action press.....	F. C. B. Page.....	848,844	Apr. 2	495	96	127	1713
Double-action press.....	J. J. Rigby.....	859,977	July 16	2551	694	129	908
Double-ended or S hook.....	E. J. Hill.....	859,660	July 9	2079	561-2	129	726
Double-ended wrench.....	G. W. Rowell.....	850,493	Apr. 16	3614	756	127	2584
Double-flange trap and sink.....	G. E. Dunstan.....	873,120	Dec. 10	1707	356	131	1467
Double objective.....	M. von Rohr.....	873,896	Dec. 17	3243	692	131	1758
Double pan.....	F. Bliss.....	874,562	Dec. 24	4634	973	131	2008
Doubletree attachment.....	J. F. Butterfield.....	851,648	Apr. 30	5904	1233	127	3227
Doubletree-fastener.....	C. J. Hinton.....	871,723	Nov. 19	3262	808	131	903
Doubletree-hitch.....	G. J. Weickert.....	851,209	Apr. 23	5000	1051	127	2971
Doubling and lapping machine attachment.....	D. Riley, Jr., and D. Hamilton.....	862,997	Aug. 13	1447	393	129	2567
Doubling and twisting machine roll.....	G. F. Macfarlane and C. Ferenbach.....	864,548	Aug. 27	3834	1062	129	3371
Douche. Nasal.....	E. J. Lampart.....	858,996	July 2	1071	282	129	366
Douche. Vaginal.....	E. J. Lampart.....	851,530	Apr. 23	5638	1180	127	3130
Dough-divider.....	C. R. Miller.....	845,367	Feb. 26	5274	1118	126	3218
Dough-divider.....	F. Streich.....	871,648	Nov. 19	3134	778	131	879
Dough-divider.....	F. Streich.....	871,650	Nov. 19	3139	779	131	880
Dough dividing and sealing machine.....	F. Streich.....	850,074	Apr. 9	2791	587	127	2330

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Dough-dividing machine.....	H. F. W. Hueg.....	840,062	Jan. 1	542	117-18	126	145
Dough-dividing machine.....	P. S. Ward.....	842,596	Jan. 29	5721	1209	126	1608
Dough-dividing machine.....	R. J. F. and A. E. Aldred.....	850,332	Apr. 16	3292	686	127	2503
Dough-dividing machine for bread-making.....	G. T. Pendrith.....	873,682	Dec. 10	2788	591-2	131	1653
Dough elevating and handing-up apparatus.....	A. E. Aldred.....	870,212	Nov. 5	532	144	131	174
Dough-machine feeding device.....	P. F. Carroll.....	872,051	Nov. 26	4035	967	131	1044
Dough mixer and kneader.....	O. D. Woodruff.....	842,509	Jan. 29	5542	1172-3	126	1565
Dough.....	C. Chambers, Jr.....	852,497	May 7	235	42	128	67
Dough mixing and kneading apparatus.....	J. Koelner.....	852,965	May 7	1222	251	128	311
Dough mixing and kneading machine.....	F. E. Abbott.....	850,991	Apr. 23	4564	956	127	2863
Dough-molding machine.....	C. A. Thomson.....	856,555	June 11	2203	453-4	128	2285
Dough-raiser.....	F. McDonald.....	847,020	Mar. 12	2604	571-2	127	691
Dough-raiser.....	M. Burgess.....	850,815	Apr. 16	4222	887	127	2737
Dough-raising device.....	M. M. Gill.....	863,982	Aug. 20	2934	807	129	3062
Dough-shaping machine.....	H. F. W. Hueg.....	846,790	Mar. 12	2151	472-3	127	577
Dough-sheeting machine.....	R. T. Markee.....	859,777	July 9	2249	611-12	129	782
Doughnut-cutter.....	A. E. Baum and C. E. Edwards.....	861,076	July 23	4259	1167-8	129	1498
Dovetail tenon and mortise.....	W. D. Kelly.....	850,889	Apr. 16	4382	918	127	2781
Dovetailing and tenoning machine.....	W. D. Kelly.....	850,888	Apr. 16	4376	917	127	2779
Dowel for door construction.....	B. C. Rockwell.....	863,650	Aug. 20	2442	671	129	2908
Draft and buffing apparatus.....	S. P. Bush.....	857,327	June 18	3655	774	128	2692
Draft and vent regulator.....	J. A. Sloan.....	847,378	Mar. 19	3321	723	127	895
Draft apparatus.....	T. W. Huckle.....	840,942	Jan. 8	2319	509-10	126	632
Draft apparatus.....	G. M. Sommer.....	851,903	Apr. 30	6413	1339	127	3360
Draft appliance.....	F. Jerdone, Jr.....	841,017	Jan. 8	2465	537-8	126	672
Draft appliance.....	R. Leitz.....	851,814	Apr. 30	6234	1300	127	3314
Draft appliance for farm implements.....	W. T. Stevig.....	852,746	May 7	744	146-7	128	195
Draft attachment.....	G. A. Ruch.....	860,330	July 16	3095	845	129	1087
Draft attachment for agricultural implements.....	J. J. Maginn and A. E. Cary.....	865,924	Sept. 10	1829	511	130	601
Draft attachment for vehicles. Yielding.....	A. J. Peddy.....	864,189	Aug. 27	3258	902	129	3190
Draft attachment. Spring.....	S. L. McReynolds.....	855,724	June 4	535	112	128	1831
Draft-bar.....	R. G. Krueger.....	871,282	Nov. 19	2374	614	131	760
Draft-compensating device.....	I. K. Scribner.....	861,399	July 30	4794	1314	129	1708
Draft device.....	M. I. Parkhurst.....	849,265	Apr. 2	1299	263-4	127	1919
Draft device.....	D. W. Stapp.....	857,211	June 18	3448	728	128	2639
Draft device.....	A. Cameron.....	871,204	Nov. 19	2194	582	131	733
Draft-equalizer.....	B. J. Detrick and I. A. Weaver.....	840,755	Jan. 8	1942	427	126	539
Draft-equalizer.....	J. A. and J. J. Flanagan.....	840,835	Jan. 8	2085	462	126	574
Draft-equalizer.....	W. R. Campbell.....	841,930	Jan. 22	4292	926	126	1213
Draft-equalizer.....	H. C. Horn.....	842,888	Feb. 5	90	20	126	1813
Draft-equalizer.....	G. B. Elliott.....	843,737	Feb. 12	1784	380	126	2275
Draft-equalizer.....	C. H. Matlock.....	845,309	Feb. 26	5163	1096	126	3191
Draft-equalizer.....	E. A. Barry.....	846,280	Mar. 5	1115	242	127	283
Draft-equalizer.....	W. Wilson.....	847,389	Mar. 19	3347	734	127	901
Draft-equalizer.....	O. J. Boe.....	849,364	Apr. 9	1491	303	127	2003
Draft-equalizer.....	H. W. Bourret.....	849,526	Apr. 9	1822	370	127	2089
Draft-equalizer.....	W. Matteson.....	850,535	Apr. 16	3691	772	127	2605
Draft-equalizer.....	S. Shumway.....	851,566	Apr. 23	5710	1196	127	3146
Draft-equalizer.....	A. Kudrie.....	851,676	Apr. 30	5957	1244	127	3240
Draft-equalizer.....	W. P. Wild.....	854,786	May 28	4857	1009	128	1338
Draft-equalizer.....	B. J. Brunke.....	854,924	May 28	5145	1071	128	1414
Draft-equalizer.....	J. K. Woolcott.....	857,854	June 25	4697	996	128	2983
Draft-equalizer.....	W. S. Livengood.....	859,956	July 16	2527	686	129	900
Draft-equalizer.....	N. A. Rodness.....	860,694	July 23	3667	1004-5	129	1308
Draft-equalizer.....	B. R. Talbot.....	861,917	July 30	5577	1540	129	1946
Draft-equalizer.....	G. W. Raymond.....	862,413	Aug. 6	510	137	129	2245
Draft-equalizer.....	J. O. Peterson.....	863,436	Aug. 13	2112	569	129	2775
Draft-equalizer.....	J. Miller.....	864,322	Aug. 27	3447	960	129	3247
Draft-equalizer.....	J. H. Hardman.....	865,034	Sept. 3	427	113	130	131
Draft-equalizer.....	O. M. Fisher.....	865,371	Sept. 10	951	273	130	317
Draft-equalizer.....	G. P. Sampson.....	865,534	Sept. 10	1223	349	130	400
Draft-equalizer.....	L. E. Doron.....	865,634	Sept. 10	1374	390	130	449
Draft-equalizer.....	W. L. Chrysler and J. W. Kays.....	868,597	Oct. 15	2188	610	130	2028
Draft-equalizer.....	E. O. Doak.....	868,601	Oct. 15	2194	611	130	2030
Draft-equalizer.....	O. Holm.....	868,861	Oct. 22	2610	722	130	2181
Draft-equalizer.....	A. Bush.....	869,345	Oct. 29	3365	926	130	2443
Draft-equalizer.....	W. C. Campbell.....	870,344	Nov. 5	749	200-1	131	247
Draft-equalizer.....	F. B. Stouf.....	870,480	Nov. 5	959	262	131	311
Draft-equalizer.....	J. J. Ford and F. and M. Hollister, Jr.....	871,061	Nov. 12	1892	518	131	642
Draft-equalizer.....	A. Lange.....	872,240	Nov. 26	4413	1049	131	1106
Draft-equalizer.....	J. Schenck.....	872,460	Dec. 3	310	62	131	1215
Draft-equalizer.....	F. M. Smiley.....	874,126	Dec. 17	3752	789	131	1832
Draft-elever.....	P. C. Haubold.....	862,394	Aug. 6	480	128	129	2237
Draft-elever.....	A. W. Dusenbery.....	874,664	Dec. 24	4834	1015	131	2042
Draft-forcing device.....	J. P. Johnson.....	855,460	June 4	37	8	128	1704
Draft-gear.....	J. R. Cardwell.....	861,636	July 30	5155	1415	129	1821
Draft-gear for agricultural machines.....	J. Tilly.....	844,214	Feb. 12	2690	575	126	2499
Draft-gear. Friction.....	A. Lipschutz.....	861,742	July 30	5306	1463	129	1863
Draft-gear. Friction.....	I. Simpson.....	869,269	Oct. 29	3227	888-9	130	2402
Draft-gear rigging.....	G. W. Scott and O. A. Thein.....	850,498	Apr. 16	3622	758	127	2587
Draft-hook. Safety.....	C. W. Fanton.....	850,359	Apr. 16	3352	699	127	2519
Draft mechanism for wagons.....	N. Halvorsen.....	844,351	Feb. 19	2999	641	126	2616
Draft-producing device.....	G. Horvath.....	851,289	Apr. 23	5174	1087	127	3016
Draft-regulator. Automatic.....	S. W. Salmon.....	867,839	Oct. 8	933	267	130	1618
Draft-releasing device.....	E. L. Hurd.....	870,177	Nov. 5	467	128	131	153
Draft-rigging.....	C. J. Nash.....	849,556	Apr. 9	1878	382	127	2102
Draft-rigging.....	J. O. Neikirk.....	851,246	Apr. 23	5080	1069	127	2990
Draft-rigging.....	J. R. Reniff.....	852,801	May 7	877	178	128	223
Draft-rigging.....	M. Kennedy.....	854,042	May 21	3405	702	128	940
Draft-rigging.....	J. E. Muhlfield.....	860,932	July 23	4030	1103	129	1425
Draft-rigging.....	G. L. Harvey.....	867,720	Oct. 8	745	209	130	1561
Draft-rigging.....	W. L. De Remer.....	868,915	Oct. 22	2694	744	130	2208
Draft-rigging and body-bolster. Separable.....	W. H. Scott.....	844,897	Feb. 19	4337	925-6	126	2942
Draft-rigging. Frictional.....	C. A. Tower.....	869,754	Oct. 29	4016	1109	130	2641

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Draft-rigging. Tandem-spring	J. F. O'Connor	862,932	Aug. 13	1345	367	129	2532
Draft-rigging. Tandem-spring friction	E. W. Hartough	847,769	Mar. 19	4122	900-1	127	1096
Drafting apparatus	T. F. Williams	842,047	Jan. 22	4519	972	126	1267
Drafting attachment	T. S. Ross	842,585	Jan. 29	5680	1202	126	1597
Drafting instrument	C. A. Gee	842,144	Jan. 22	4724	1010	126	1318
Drafting instrument	J. A. Heydrick	842,662	Jan. 29	5849	1235-6	126	1638
Drafting instrument	L. R. Loughborough	844,157	Feb. 12	2564	550	126	2466
Drafting instrument	R. C. Sauer	858,913	July 2	941	245	129	323
Drafting instrument	L. E. Paddock	860,562	July 16	3436	943-4	129	1200
Drafting instrument	L. M. Sheridan	861,400	July 30	4796	1314	129	1708
Drafting instrument	F. G. Hall	862,635	Aug. 6	900	241	129	2363
Drafting instrument	F. G. Hall	862,636	Aug. 6	902	241	129	2364
Drafting instrument	J. H. Blair	874,384	Dec. 24	4265	899	131	1949
Drafting machine. Design-	A. Lorant	871,808	Nov. 26	3471	850	131	962
Drafting-machine. Universal	W. W. Claus	859,917	July 16	2463	671	129	881
Drag	F. Darling	845,221	Feb. 26	4974	1058	126	3145
Drag	G. E. Ketchum	851,943	Apr. 30	6517	1359	127	3385
Drag	E. Hamilton	872,933	Dec. 3	1277	272-3	131	1368
Drain-pipe	E. J. Cochran	871,389	Nov. 19	2618	670	131	797
Drain system and apparatus	J. F. Gross	870,027	Nov. 5	245	68	131	85
Drains, traps, &c. Clamp for	W. J. Taylor	865,810	Sept. 10	1641	464	130	534
Drainage-fitting	F. B. Morton	848,259	Mar. 26	5086	1112	127	1371
Drainage-system clean-out	L. A. Hoffman and T. H. Hoover	844,020	Feb. 12	2313	494	126	2405
Drainage-trap. Antisiphon	D. Whiteford	846,537	Mar. 12	1649	367	127	449
Drainer	G. W. Prince	848,683	Apr. 2	125	27	127	1618
Drainer	C. Sim	851,207	Apr. 23	4998	1051	127	2970
Drainer. Dish-	M. E. Roberts	842,703	Jan. 29	5970	1259	126	1669
Draining and irrigating apparatus	I. M. Newman	862,276	Aug. 6	281	79	129	2170
Drapery-fixture	T. F. Byrlon	860,963	July 23	4091	1120	129	1446
Drapery-holder	J. Kemmeter	866,664	Sept. 24	2931	829	130	1008
Drapery-supporting device	C. Levy	851,678	Apr. 30	5962	1246	127	3241
Draw-bar-centering mechanism	F. S. Gallagher	859,446	July 9	1746	467	129	620
Draw-bar extension	H. C. Prebe	861,389	July 30	4769	1304	129	1700
Draw-bar hook. Auxiliary	B. Burgess	875,319	Dec. 31	6154	1284	131	2277
Draw-bar-locking mechanism	A. N. Manross	842,153	Jan. 22	4743	1013-14	126	1322
Draw-bar mechanism	G. H. Forsyth	862,727	Aug. 6	1026	278-9	129	2402
Draw-cut-shaper attachment	M. and H. E. Morton	848,191	Mar. 26	4962	1085	127	1340
Draw-head hanger	H. C. Savage	842,253	Jan. 29	4963	1060	126	1410
Drawer	G. W. Andress	842,991	Feb. 5	304	66	126	1866
Drawer attachment	W. H. Flood	874,581	Dec. 24	4671	982	131	2014
Drawer attachment. Desk-	H. Bellmer	872,789	Dec. 3	882	203	131	1323
Drawer. Card-index	B. P. Kenyon	873,755	Dec. 17	2960	627	131	1710
Drawer construction for furniture. Sliding-	T. J. Amberg	855,037	May 28	5374	1117	128	1470
Drawer. Furniture-	A. J. Throm	870,140	Nov. 5	411	114	131	137
Drawer-guide	O. B. Starkwather	840,874	Jan. 8	2170	479	126	594
Drawer-guide	P. Schneider	858,420	July 2	86	24	129	30
Drawer-guide	G. D. Barr and O. L. Coffin	860,623	July 23	3563	977	129	1276
Drawer-guide	W. Schwarz	861,680	July 30	5214	1432	129	1837
Drawer-guide	E. C. Blomberg	867,101	Sept. 24	3608	1023	130	1223
Drawer-guide	E. C. Blomberg	867,102	Sept. 24	3609	1023	130	1223
Drawer-guide	M. Rubin	869,735	Oct. 29	3991	1103	130	2634
Drawer-guide	L. H. Walker	874,463	Dec. 24	4412	930	131	1976
Drawer guide and support for knockdown furniture	A. T. Clapp and P. W. Bancroft	850,906	Apr. 23	4424	925	127	2831
Drawer lock. Desk-	J. McDowell, Sr.	858,896	July 2	917	240	129	316
Drawer-pull	D. K. Snyder	844,902	Feb. 19	4346	928	126	2944
Drawer-pull	F. X. Ammann	846,441	Mar. 12	1460	325	127	399
Drawer-stop	W. L. Tuell and H. H. Bergerding	852,247	Apr. 30	7117	1489	127	3537
Drawer-support	C. A. Gehne	873,225	Dec. 10	1898	398	131	1499
Drawers	E. Lanouette	856,268	June 11	1595	333	128	2130
Drawers. Apparel-	H. P. Wheeler	852,364	Apr. 30	7334	1541	127	3591
Drawers, cash-boxes, and the like. Secret locking device for	I. Kraft	862,827	Aug. 6	1196	322	129	2449
Drawers. Shield for ladies'	I. I. Elterich	872,172	Nov. 26	4267	1018	131	1083
Drawing and other rolls. Machine for raising flutes on	G. A. Bates	857,576	June 25	4155	880	128	2846
Drawing apparatus	E. Bronner	841,223	Jan. 15	2882	628	126	820
Drawing-board	E. Werner	850,552	Apr. 16	3722	778	127	2613
Drawing-board	E. Werner	856,751	June 11	2580	530	128	2383
Drawing-board	G. S. Manuel	858,194	June 25	5401	1151	128	3163
Drawing-board	W. C. McKenzie	863,307	Aug. 13	1934	522	129	2717
Drawing-board	C. A. Egelin	867,024	Sept. 24	3485	986-7	130	1188
Drawing-board	H. L. Burbank and J. W. Manson	870,224	Nov. 5	555	149	131	182
Drawing-board attachment	G. R. Evans	846,987	Mar. 12	2548	561	127	678
Drawing instrument	H. Mettler	852,132	Apr. 30	6921	1445	127	3486
Drawing instrument	C. A. Terry	855,734	June 4	571	117	128	1842
Drawing instrument	S. G. Stoddard	853,381	May 14	2059	426	128	561
Drawing instrument	J. Degen	864,455	Aug. 27	3654	1015-16	129	3316
Drawing instrument. Curve-	F. H. Bowman	841,222	Jan. 15	2881	627	126	820
Drawing instrument for parallel ruling	T. English	873,524	Dec. 10	2497	527	131	1600
Drawing kit	L. Forsyth	858,274	June 25	5539	1184	128	3198
Drawing-knife handle. Folding	C. H. McCarty and F. A. Wooster	851,604	Apr. 23	5797	1211	127	3170
Drawing-off mechanisms. Horsetail for	O. L. Owen	867,072	Sept. 24	3560	1008	130	1210
Drawbridge rail-lock	J. M. Hysan	850,161	Apr. 16	2971	623	127	2415
Dredge	G. W. King	839,934	Jan. 1	264	57	126	73
Dredge	J. L. White	842,364	Jan. 29	5208	1106	126	1475
Dredge	J. B. Webster, Jr.	871,544	Nov. 19	2956	737-8	131	848
Dredge cutter-head	W. J. Knight and E. S. Johnson	869,912	Nov. 5	54	16	131	18
Dredge. Suction	J. C. Ollrich	869,385	Oct. 29	3419	940	130	2461
Dredge. Hydraulic	C. A. Frayer	867,492	Oct. 1	395	113	130	1436
Dredge-moving apparatus	W. H. Silver and C. A. Bunyan	858,033	June 25	5083	1076-7	128	3080
Dredge pin and joint	G. B. Shipley	845,014	Feb. 19	4558	970	126	2996
Dredge pin and joint	E. L. Voy	845,021	Feb. 19	4569	973	126	3000
Dredge pin and joint	L. P. Martin	845,040	Feb. 19	4603	980	126	3009

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. E.	Vol.	Page.
Dredge-pipe. Rifle.....	G. Dickson and M. McKinnon.....	875,414	Dec. 31	6345	1322	131	2309
Dredges and the like. Upper tumbler for.....	S. L. G. Knox.....	845,795	Mar. 5	116	22	127	33
Dredger and excavator.....	M. P. Schetzel.....	851,628	Apr. 23	5837	1219-20	127	3179
Dredger. Caisson.....	R. A. Gardner.....	852,713	May 7	683	133	128	179
Dredger-cutter.....	J. F. Ollrich.....	856,487	June 11	2073	426	128	2253
Dredger-cutter.....	J. F. Ollrich.....	856,544	June 11	2175	448	128	2279
Dredging and excavating machine.....	J. Kennedy.....	851,093	Apr. 23	4760	1001	127	2911
Dredging and excavating machine.....	B. H. Coffey. (Reissue).....	12,650	May 14	3207	657	128	853
Dredging apparatus.....	H. B. Buddenborg.....	845,689	Feb. 26	5897	1245	126	3372
Dredging apparatus.....	S. Lake.....	867,984	Oct. 15	1219	336-7	130	1728
Dredging apparatus.....	T. R. Goth.....	868,774	Oct. 22	2477	684	130	2142
Dredging apparatus.....	E. B. Stoddard.....	869,273	Oct. 29	3235	891-2	130	2404
Dredging apparatus. Hydraulic.....	J. D. Maxwell.....	861,745	July 30	5311	1464-5	129	1865
Dredging implement.....	W. C. McKinney.....	851,605	Apr. 23	5798	1212	127	3170
Dredging-machine.....	G. M. Brown.....	867,788	Oct. 8	848	242	130	1594
Drenching-bit.....	G. W. Ratliff.....	874,239	Dec. 17	3983	840	131	1871
Dress-case.....	E. H. L. Wallace.....	867,771	Oct. 8	822	235	130	1585
Dress-fastener.....	H. C. Vizents and L. H. Chandler.....	859,634	July 9	2029	548	129	710
Dress-shield.....	A. E. Jackson.....	855,638	June 4	371	77	128	1788
Dress-shield.....	V. G. Alexander.....	858,249	June 25	5501	1174	128	3189
Dress-shield.....	E. E. Harmon.....	859,657	July 9	2076	560	129	725
Dress-shield.....	H. D. Harcastle and W. B. Bid- dle.....	860,915	July 23	4001	1097	129	1416
Dress-shield.....	R. Slayden.....	861,908	July 30	5563	1537	129	1942
Dress-shield.....	M. H. McMann.....	867,830	Oct. 8	925	264	130	1615
Dress-shield.....	C. N. Waite.....	874,879	Dec. 24	5241	1104	131	2111
Dress-shield and bust-supporter. Combination.....	J. and G. M. Guest.....	863,917	Aug. 20	2840	781	129	3034
Dress-shield fastener.....	S. A. Duncan.....	842,087	Jan. 22	4587	986	126	1282
Dress-shield or garment fastener.....	G. L. Raza and F. S. Frisbie.....	847,368	Mar. 19	3302	725	127	889
Dressing device. Rotary.....	V. Spietschka.....	851,702	Apr. 30	6019	1258	127	3235
Dressing implement. Rotary.....	C. E. Campbell.....	856,680	June 11	2450	503	128	2350
Dressing-table and clothes-press. Combined.....	H. Knapp.....	840,347	Jan. 1	1143	247-8	126	348
Drier:							
See Air-drier. Mechanical drier.							
Air-blast drier. Peat-drier.							
Brick-drier. Photographic-print							
Cigarette-machine drier.							
drier. Pigs'-feet drier.							
Clothes-drier. Rotary drier.							
Coffee-drier. Sand and mineral							
Dish-drier. drier.							
Fibrous-material drier. Sawdust-drier.							
Grain-drier. Sectional drier.							
Hair-drier. Slop-drier.							
Line-drier. Stocking-drier.							
Drier.....	C. W. Schwartz, Jr.....	842,025	Jan. 22	4483	963	126	1258
Drier.....	W. F. Hutchinson.....	843,608	Feb. 12	1545	326	126	2211
Drier.....	R. F. Cordero.....	844,252	Feb. 12	2773	590-2	126	2521
Drier.....	J. Weintz.....	845,833	Mar. 5	193	38-9	127	51
Drier.....	C. E. Geiger.....	848,362	Mar. 26	5313	1158	127	1426
Drier.....	A. Ramos.....	850,398	Apr. 16	3427	718	127	2538
Drier.....	E. A. King.....	861,733	July 30	5291	1456-8	129	1859
Drier.....	W. Ashley and E. J. Huling.....	863,830	Aug. 20	2706	746-7	129	2992
Drier.....	A. C. Sargent.....	870,133	Nov. 5	400	112	131	133
Drier.....	F. G. Sargent.....	873,796	Dec. 17	3036	645	131	1724
Driers. Apparatus for maintaining uniform pres- sure in.....	W. B. Mason.....	858,089	June 25	5212	1104	128	3116
Driers. Cylinder for mechanical.....	W. M. Cummer.....	856,770	June 11	2613	537	128	2391
Dry battery.....	S. Cochrane.....	851,402	Apr. 23	5399	1131	127	3073
Dry battery.....	C. D. Manville.....	852,188	Apr. 30	7009	1463	127	3510
Dry cells. Making.....	P. L. Meyer.....	869,446	Oct. 29	3524	968	130	2493
Dry closet. Portable.....	F. W. Meen.....	862,000	July 30	5699	1581	129	1984
Dry-kiln.....	L. Moore.....	846,044	Mar. 5	658	138-9	127	168
Dry-kiln.....	W. F. Hutchinson.....	866,652	Sept. 24	2917	824	130	1003
Dry-pan crusher.....	J. W. Boltz.....	852,160	Apr. 30	6959	1453	127	3496
Dry separator.....	W. N. Beach.....	840,818	Jan. 8	2053	455	126	566
Drying and counting mechanism.....	G. W. Swift, Jr.....	864,493	Aug. 27	3705	1033	129	3333
Drying and ventilating system for houses factories, or buildings.....	G. Müller.....	873,450	Dec. 10	2340	492	131	1575
Drying apparatus.....	J. E. Barney.....	840,037	Jan. 1	485	105	126	131
Drying apparatus.....	A. Coleman.....	842,769	Jan. 29	6105	1288	126	1701
Drying apparatus.....	K. Reyscher.....	847,694	Mar. 19	3983	871	127	1066
Drying apparatus.....	O. Koepff.....	847,786	Mar. 19	4156	907	127	1106
Drying apparatus.....	E. C. Horst.....	855,853	June 4	802	168	128	1897
Drying apparatus.....	A. O. Dupuy.....	863,704	Aug. 20	2510	692-3	129	2931
Drying apparatus.....	J. A. Just.....	868,446	Oct. 15	1936	540	130	1944
Drying apparatus.....	G. W. McMullen.....	875,368	Dec. 31	6252	1304-5	131	2294
Drying apparatus. Automatic temperature-regu- lator for revoluble.....	H. F. Westphal.....	862,225	Aug. 6	185	52	129	2140
Drying apparatus. Vacuum.....	E. Passburg.....	853,260	May 14	1796	374	128	487
Drying-comb.....	E. Sutherland.....	851,567	Apr. 23	5712	1196	127	3146
Drying-cylinder.....	J. H. Whittle.....	863,686	Aug. 20	2484	686	129	2921
Drying device.....	O. Busse.....	873,987	Dec. 17	3414	727	131	1787
Drying-frame.....	J. W. Miller and J. C. Horning.....	844,687	Feb. 19	3915	828	126	2834
Drying frame and stretcher.....	O. J. Katz.....	850,016	Apr. 9	2685	563	127	2305
Drying frame. Thread.....	J. Knott.....	864,310	Aug. 27	3430	953	129	3242
Drying-furnace.....	J. Caygill.....	858,260	June 25	5517	1177-8	128	3193
Drying-hanger.....	C. F. Schild.....	853,739	May 14	2775	571	128	747
Drying-kiln.....	W. E. Stephens.....	854,251	May 21	3829	791	128	1050
Drying-machine.....	E. B. Ayres.....	847,038	Mar. 12	2645	583	127	701
Drying-machine.....	J. M. Spencer.....	849,581	Apr. 9	1927	395	127	2114
Drying-machine.....	S. A. Cohen.....	873,723	Dec. 17	2905	616	131	1700
Drying-machine.....	F. G. Sargent.....	874,901	Dec. 24	5279	1112	131	2118
Drying-machine. Rotary.....	R. G. Poncet.....	868,475	Oct. 15	1977	551	130	1957
Drying the interior of vats, &c. Means for.....	J. H. Beckman.....	867,548	Oct. 1	487	140	130	1464

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Drill:							
See Air-drill.	Percussion-drill.						
Bench-drill.	Percussive drill.						
Breast-drill.	Pneumatic drill.						
Churn-drill.	Pneumatic and other						
Coal-drill.	drill.						
Core-drill.	Power-drill.						
Corn-drill.	Railway-track drill.						
Disk drill.	Ratchet-drill.						
Earth-drill.	Rock-drill.						
Grain-drill.	Safety-drill.						
Hammer-drill.	Seed-drill.						
Hydraulic drill.	Shaft-drill.						
Miner's drill.	Track-drill.						
Mining-drill.	Twist-drill.						
Drill.	G. E. Eaton.	839,824	Jan. 1	42	10	126	12
Drill.	T. E. Adams.	840,891	Jan. 8	2211	486-7	126	606
Drill.	C. Partington.	845,372	Feb. 26	5286	1121	126	3222
Drill.	D. B. Edwards.	852,109	Apr. 30	6871	1435	127	3474
Drill.	C. H. Phillips.	864,756	Aug. 27	4156	1154	129	3469
Drill.	A. F. Clark.	866,110	Sept. 17	2127	592	130	725
Drill.	S. Lake.	873,056	Dec. 10	1585	332	131	1446
Drill.	G. E. Lynch.	874,894	Dec. 24	5263	1108-9	131	2115
Drill attachment.	H. K. and M. R. Dickens.	858,966	July 2	1032	271	129	353
Drill attachment.	W. R. Hitchcock.	866,361	Sept. 17	2500	697	130	844
Drill-bit.	P. Broadbooks.	854,144	May 21	3619	748	128	993
Drill-bit. Fluid-feed side-inlet.	J. H. Wiest.	845,385	Feb. 26	5312	1127	126	3227
Drill-bit for wells.	C. W. Gutzzeit.	839,837	Jan. 1	61	14-15	126	18
Drill-bit holder.	U. S. Booth.	857,151	June 18	3329	702	128	2609
Drill-brace.	T. Kuhn.	847,013	Mar. 12	2594	569	127	689
Drill-columns. Foot-plate for.	A. D. Kenyon.	841,019	Jan. 8	2470	538	126	673
Drill-feed.	E. F. Smith.	858,113	June 25	5256	1116	128	3126
Drill-feed. Pneumatic.	G. H. Gilman.	866,720	Sept. 24	3025	853	130	1043
Drill-machine gear.	J. F. Back.	862,301	Aug. 6	326	91	129	2185
Drill or auger.	A. C. Higginbotham.	851,594	Apr. 23	5780	1208-9	127	3167
Drill-press.	O. L. Dosch.	855,841	June 4	780	163-4	128	1892
Drill-press.	W. J. Bayrer.	863,187	Aug. 13	1680	450	129	2639
Drill-press. Multiple.	S. C. Toon.	857,690	June 25	4372	924	128	2902
Drill-press stop mechanism.	S. C. Schauer.	857,207	June 18	3442	726	128	2638
Drill-press. Suspended.	J. H. and J. H. Birch.	857,020	June 18	3069	649	128	2542
Drill scraper. Disk.	S. E. Davis.	841,768	Jan. 22	3969	857	126	1132
Drill scraper. Disk.	S. E. Davis.	848,291	Mar. 26	5172	1127	127	1394
Drill scraper. Disk.	E. R. Beeman.	849,187	Apr. 2	1164	235	127	1887
Drill-shaping machine.	J. H. Green.	839,835	Jan. 1	58	13	126	17
Drill-socket.	N. E. Woods.	874,554	Dec. 24	4617	971	131	2005
Drill socket or chuck.	C. C. Roberts.	864,992	Sept. 3	364	97	130	115
Drill-support. Adjustable.	A. Mohrbacher.	857,529	June 18	4044	861	128	2789
Drills. Apparatus for sighting.	W. M. Parker.	863,574	Aug. 13	2309	632-3	129	2632
Drills. Work-holding attachment for.	G. E. Metcalf.	846,334	Mar. 5	1217	269	127	308
Drilling apparatus. Rotary.	J. A. Wiggs, Jr.	862,954	Aug. 13	1385	377	129	2544
Drilling appliance.	H. Tyldesley.	870,701	Nov. 12	1313	359	131	462
Drilling device.	L. K. Moore and G. J. Costello.	856,792	June 11	2653	546	128	2400
Drilling-machine.	G. and W. A. Dawson.	841,639	Jan. 15	3687	800	126	1027
Drilling-machine.	H. G. Morse.	842,227	Jan. 29	4910	1047-8	126	1397
Drilling-machine.	C. Ridderhof.	842,977	Feb. 5	265	58	126	1856
Drilling-machine.	F. M. Stambaugh.	847,297	Mar. 12	3140	691	127	823
Drilling-machine.	E. Westberg.	852,046	Apr. 30	6755	1405	127	3446
Drilling-machine.	D. E. Krause.	856,473	June 11	2048	421	128	2247
Drilling-machine.	J. S. Surbaugh.	858,311	June 25	5604	1199	128	3214
Drilling-machine.	J. S. Barnes.	862,861	Aug. 6	1248	338	129	2466
Drilling-machine.	E. Alsleben.	865,148	Sept. 3	583	164	130	177
Drilling-machine attachment.	A. G. Baumeister.	850,204	Apr. 16	3063	642	127	2439
Drilling-machine. Automatic.	L. E. Rice.	857,538	June 18	4068	864	128	2797
Drilling-machine feed-head.	G. D. Williams.	847,450	Mar. 19	3471	760	127	933
Drilling-machine multiple-drill attachment.	H. J. Jaquith.	865,249	Sept. 3	741	211	130	224
Drilling-machine. Multiple-spindle.	E. W. Cleveland.	842,175	Jan. 29	4808	1026-7	126	1372
Drilling or boring machine.	H. J. Lamb and A. K. Kirkpatrick.	853,018	May 7	1333	272	128	338
Drink-mixer.	C. G. Miller.	846,931	Mar. 12	2449	536	127	652
Drinking-cup and filter. Combined.	R. O. Stebbins.	855,820	June 4	729	151	128	1880
Drinking-cup. Aseptic.	J. J. Shea. (Reissue).	12,648	May 7	1701	352	128	429
Drinking-fount for live stock.	H. M. Smith.	839,964	Jan. 1	327	72	126	90
Drinking-fount. Poultry.	P. M. Wickstrum.	871,015	Nov. 12	1826	499	131	620
Drinking-fountain.	F. L. McNitt.	854,902	May 28	5110	1063	128	1405
Drinking-fountain. Poultry.	J. F. Tannehill.	867,621	Oct. 8	609	172	130	1520
Drinking-fountain. Poultry.	C. R. Upon.	846,363	Mar. 5	1276	281	127	321
Drinking-fountain. Poultry.	T. Bischoff.	861,156	July 23	4373	1200	129	1537
Drinking-trough.	J. Dintaman.	849,728	Apr. 9	2176	448	127	2176
Drip-can.	N. S. Hillyard.	845,174	Feb. 26	4884	1036	126	3122
Drip cup or receptacle.	D. L. Pitts.	866,807	Sept. 24	3160	888	130	1086
Drip-pan.	A. C. Schneider.	849,165	Apr. 2	1119	226	127	1874
Drip-pan.	E. C. Reiter.	864,556	Aug. 27	3846	1066	129	3376
Drip-trough.	J. M. Cramer.	868,413	Oct. 15	1882	528	130	1929
Driving and reversing gear.	R. J. Brooks.	856,763	June 11	2600	533-4	128	2388
Driving and reversing mechanism.	F. Snow.	841,061	Jan. 8	2541	555-6	126	690
Driving and reversing mechanism.	W. and G. F. Meischke-Smith.	845,715	Feb. 26	5948	1256	125	3385
Driving-block.	W. Nicholson.	859,007	July 2	1087	286	129	370
Driving-box brass.	C. Markel.	864,663	Aug. 27	4011	1114	129	3425
Driving-dog.	S. W. Putnam, 3d.	869,653	Oct. 29	3863	1057-8	130	2597
Driving-dog.	S. W. Putnam, 3d.	869,729	Oct. 29	3983	1100	130	2631
Driving-gear.	F. Humphris.	859,662	July 9	2081	562	129	727
Driving-gear controller.	W. H. Douglas.	864,626	Aug. 27	3958	1098	129	3409
Driving-gear. Friction.	J. Hummel.	859,066	July 2	1168	314-15	129	395
Driving mechanism.	A. Wunderlich.	846,273	Mar. 5	1097	237-8	127	279
Driving mechanism.	E. Rivett.	847,440	Mar. 19	3450	757	127	928
Driving mechanism.	M. B. Church and K. Knudsen.	856,943	June 11	2912	610-11	128	2461
Driving mechanism.	H. L. Johnston.	864,786	Sept. 3	33	10	130	13

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Driving mechanism. Changeable-speed	H. F. Bechman	861,938	July 30	5604	1549	129	1953
Driving mechanism. Combined hand and foot operated	C. E. Griffith	858,651	July 2	518	133	129	180
Driving mechanism. Variable-speed	H. A. Coombs	864,081	Aug. 20	3073	847	129	3103
Driving mechanism. Variable-speed	N. Christenson	871,753	Nov. 19	3332	821	131	913
Driving mechanism with alternately-acting levers	F. Kleinvogel	841,021	Jan. 8	2473	539	126	674
Driving. Variable-speed	V. O. Strobel and A. E. Hogrebe	840,721	Jan. 8	1871	412-13	126	523
Drop and jack. Combined	J. M. Overshiner	863,629	Aug. 20	2415	664	129	2899
Drop-flask	W. H. Greifenhagen	841,684	Jan. 22	3794	825	126	1088
Drop-light. Adjustable	H. T. Jacobsen	847,580	Mar. 19	3730	819	127	1004
Drop-light. Adjustable gas	J. J. Dennis	866,777	Sept. 24	3113	876	130	1072
Drop-light fixtures. Heat-conductor for	A. W. Reiser	856,363	June 11	1848	379	128	2197
Drop mechanism. Quick-	J. W. Little	872,071	Nov. 26	4073	976	131	1051
Drop-table	W. Elmer, Jr.	848,353	Mar. 26	5299	1156-7	127	1423
Dropper:							
See Hay-dropper.	Seed-dropper.						
Dropping device	W. Dean	856,518	June 11	2127	437	128	2266
Drum	U. G. Leedy and C. B. Wanamaker	850,306	Apr. 16	3244	676	127	2489
Drum and cymbal beater. Bass-	H. A. Bower	846,391	Mar. 5	1332	293-4	127	336
Drum and cymbal beater. Bass-	M. B. Kendis	852,881	May 7	1054	217	128	269
Drum and cymbal beater. Combined	R. Volkwein and T. Quinn	864,578	Aug. 27	3885	1078	129	3388
Drum and such like vessel	W. A. Mitchell	861,751	July 30	5322	1468	129	1868
Drum-attachment clamp	C. B. Wanamaker and U. G. Leedy	849,517	Apr. 9	1808	367	127	2085
Drum closure. Steam-	F. Seebeck	863,001	Aug. 13	1452	394-5	129	2568
Drum. Collapsible bass-	C. A. Bagges	859,036	July 2	1132	302	129	385
Drum-controllers. Spring actuating device for	A. D. Du Bois	840,690	Jan. 8	1809	399	126	506
Drum. Drying-	E. Vial	840,883	Jan. 8	2192	483	126	600
Drum. Expansion-	J. A. Strom	847,446	Mar. 19	3465	759	127	931
Drum. Heating-	F. J. Kobusch	847,256	Mar. 12	3059	675	127	801
Drum. Heating-	C. E. Anderson	861,933	July 30	5599	1547	129	1952
Drum-snare	H. Theophel	872,476	Dec. 3	342	70	131	1221
Drumhead	I. H. Sapp	867,675	Oct. 8	679	192	130	1540
Drumheading-machine	M. Mauran	865,413	Sept. 10	1012	289-90	130	336
Dulcimer-action	N. J. Winlund	874,473	Dec. 24	4429	934	131	1979
Dumb-bell	J. E. L. Pelletier and G. F. Monier	850,964	Apr. 23	4522	946	127	2853
Dumb-bell. Magneto-electric	J. Moores	873,066	Dec. 10	1605	335	131	1450
Dumb-waiter and elevator	L. E. Laurent	851,175	Apr. 23	4926	1036-7	127	2954
Dumb-waiter-releasing device	J. H. Miller	843,618	Feb. 12	1575	332	126	2221
Dumb-waiter shaft	G. Rader	850,602	Apr. 16	3816	797	127	2636
Dumb-waiters. Well-door for	A. E. Fischer	868,422	Oct. 15	1896	532	130	1933
Dump and elevator	J. F. Collins	840,300	Jan. 1	1021	224	126	274
Dump-bed	C. C. Taylor, G. W. Wood, and M. A. Vincent	874,875	Dec. 24	5234	1103	131	2110
Dump-bed. Automatic	C. C. Taylor, G. W. Wood, and M. A. Vincent	873,187	Dec. 10	1841	385-6	131	1488
Dump-table	F. S. Peck	870,521	Nov. 5	1018	277	131	328
Dumping and distributing apparatus	A. Moore	846,596	Mar. 12	1789	394	127	485
Dumping apparatus	S. W. Hopkins	850,648	Apr. 16	3929	820-1	127	2666
Dumping apparatus	A. Moore	852,796	May 7	866	175-6	128	221
Dumping apparatus. Automatic	R. Z. McCoy	843,482	Feb. 5	1280	268-9	126	2113
Dumping-body	W. R. Goit	855,302	May 28	5892	1228	128	1602
Dumping-bucket	J. Hamilton	875,520	Dec. 31	6541	1364	131	2343
Dumping device	J. Gilmer	863,026	Aug. 13	1490	405	129	2579
Dumping platform and elevator. Combined	E. W. Harmon	857,936	June 25	4857	1028	128	3023
Duplicating apparatus	F. Ries	873,788	Dec. 17	3021	642	131	1721
Duplicating-machine	H. C. Gammeter. (Reissue)	12,622	Mar. 19	4621	1012-13	127	1214
Duplicating-machine	G. H. Shannon	854,111	May 21	3557	734	128	977
Duplicating-machine. Rotary	G. L. Hilliker	854,499	May 21	4277	885	128	1164
Duplicating-pad and holder	P. A. McCaskey	869,508	Oct. 29	3626	994	130	2524
Duplicator. Rotary	M. J. D. Carter	856,444	June 11	1999	411	128	2235
Duplicators. Diaphragm for	M. J. D. Carter	867,345	Oct. 1	181	53	130	1367
Dust-arrester	H. Lechtenberg	870,830	Nov. 12	1529	418	131	529
Dust-aspirating apparatus	C. F. Holder	863,607	Aug. 20	2379	652	129	2886
Dust-binding composition and making same	L. Dressler	842,636	Jan. 29	5807	126	1629	
Dust by suction from carpets, furniture, curtains, tapestry, &c. Machine for removing	J. R. Blum	859,281	July 9	1491	398	129	534
Dust-cleaner	G. Hegyi	850,575	Apr. 16	3764	127	2624	
Dust-collecting machine	F. W. Agan	862,369	Aug. 6	430	116-17	129	2221
Dust-collecting system	W. E. Allington	846,973	Mar. 12	2525	557	127	672
Dust-collecting systems. Branch-pipe valve for	W. E. Allington	840,894	Jan. 8	2219	488	126	608
Dust-collector	W. S. Osborne	853,517	May 14	2314	480	128	628
Dust-collector	P. C. Miller	854,516	May 21	4305	891	128	1170
Dust-collector	A. Krautzberger	858,607	July 2	425	111	129	151
Dust-collector	G. H. Forsyth	873,532	Dec. 10	2516	531	131	1603
Dust-deflector	J. L. Replogle and G. E. Thackray	852,035	Apr. 30	6738	1401	127	3442
Dust from carpets, &c. Apparatus for the extraction of	F. V. Schiödt	854,670	May 21	4591	958-9	128	1242
Dust from upholstered furniture, &c. Apparatus for sucking	O. D. Skibsted	871,304	Nov. 19	2427	627-8	131	768
Dust-guard	H. Bensch	849,963	Apr. 9	2610	543	127	2288
Dust-guard	J. Pearson	874,428	Dec. 24	4361	918	131	1965
Dust-laying composition. Road-	C. Ellis	865,578	Sept. 10	1289	130	421	
Dust on streets, roads, and the like. Manufacturing means from wood-tar for preventing	S. Mattar and R. Funcke	855,860	June 4	813	128	1900	
Dust-pan	A. V. Cassal	841,622	Jan. 15	3662	794	126	1021
Dust-pan	E. R. Murray	844,168	Feb. 12	2584	554	126	2471
Dust-pan	H. E. Reeves	847,693	Mar. 19	3982	870	127	1065
Dust-pan	J. P. Hill	849,239	Apr. 2	1249	254	127	1907
Dust-pan	C. W. Robinson	851,441	Apr. 23	5472	1145	127	3091
Dust-pan	D. W. Snider	856,740	June 11	2560	526	128	2377
Dust-pan	A. W. Shank	861,195	July 23	4437	1216	129	1558
Dust-pan	C. W. Jackson	865,643	Sept. 10	1385	393	130	453
Dust-pan	O. A. Christopherson	866,915	Sept. 24	3306	933	130	1131
Dust-pan	W. R. Rich	868,887	Oct. 22	2648	732	130	2194

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Dust-pan	S. C. Courtney	873,213	Dec. 10	1880	394	131	1495
Dust-pan and broom-holder. Combination	C. H. Lyons	870,447	Nov. 5	914	247	131	299
Dust-pan and crumb-tray. Dust-proof	L. Prideaux	869,197	Oct. 22	3113	857	130	2359
Dust-pan attachment	S. D. Tungate	853,486	May 14	2242	467	128	608
Dust-pan. Folding	J. A. Delaney and J. Lawson	842,946	Feb. 5	206	47	126	1841
Dust-preventer	B. F. Schirmer	870,590	Nov. 12	1119	306	131	395
Dust-remover. Pneumatic	M. E. Freeman	855,433	May 28	6121	1279	128	1657
Dust-removing apparatus	D. T. Kenney	847,947	Mar. 19	4503	987-8	127	1189
Dust-removing apparatus	D. T. Kenney	847,948	Mar. 19	4507	988-9	127	1189
Dust-removing apparatus	H. Bogenschild	867,006	Sept. 24	3454	978	130	1179
Dust-removing device. Sanitary	E. I. Nichols	844,535	Feb. 19	3385	729	126	2710
Dust-removing pneumatic machines. Filtering device for	J. R. Blum	853,914	May 14	3140	642	128	836
Dust-removing pneumatic machines. Regulating device for	J. R. Blum	869,544	Oct. 29	3680	1008	130	2541
Dust-removing pneumatic machines. Suction device for	J. R. Blum	860,786	July 23	3805	1043	129	1351
Dust. Separator for apparatus for removing	D. T. Kenney	841,984	Jan. 22	4401	948	126	1238
Dust-separator for cleaning apparatus	G. Dittmar	842,529	Jan. 29	5577	1179	126	1572
Dust-separating blower	W. J. Baldwin	845,044	Feb. 26	4618	932	126	3051
Dust-suction apparatus	A. Hein	842,661	Jan. 29	5848	1235	126	1638
Dust-suction apparatus. Filter for	A. Mestitz	862,266	Aug. 6	264	75	129	2164
Dust-suction apparatus worked by means of an electromotor. Portable	A. Hein	865,387	Sept. 10	977	280	130	326
Duster	S. L. Pendergrass	848,920	Apr. 2	641	128	127	1752
Duster	W. Laycock	850,764	Apr. 16	4132	865	127	2714
Duster. Feather	J. E. Snevely	843,113	Feb. 5	570	119	126	1940
Duster. Feather	J. E. Snevely	843,114	Feb. 5	571	120	126	1940
Duster head. Feather-	A. Ransom and M. E. Goodhue	866,302	Sept. 17	2403	670	130	813
Dusters and brushes. Machine for making feather	J. E. Snevely	850,685	Apr. 16	3993	835	127	2681
Dusting and polishing device	J. P. Wiley	866,897	Sept. 24	3282	924	130	1123
Dusting apparatus	G. Goldman	858,508	July 2	255	62	129	92
Dye and making same. Anthracene	M. Isler	860,480	July 16	3322	129	1162	
Dye and making same. Anthracene	F. Kačer	863,401	Aug. 13	2065	129	2762	
Dye and making same. Anthracene	R. Böhn	868,399	Oct. 15	1866	130	1924	
Dye and making same. Azo	M. Böniger	841,371	Jan. 15	3188	126	900	
Dye and making same. Azo	W. Herzberg	842,548	Jan. 29	5611	126	1581	
Dye and making same. Black azo	K. Hagemann and O. Stange	843,808	Feb. 12	1910	126	2307	
Dye and making same. Blue cotton	A. L. Laska	860,220	July 16	2931	129	1031	
Dye and making same. Blue disazo	A. L. Laska	860,221	July 16	2932	129	1031	
Dye and making same. Blue sulfur	A. L. Laska and G. List	841,877	Jan. 22	4200	126	1192	
Dye and making same. Green vat	G. Engi	872,227	Nov. 26	4395	131	1102	
Dye and making same. Greenish-blue	H. Lorétan	844,156	Feb. 12	2563	126	2466	
Dye and making same. Halogenated red	G. Engi	848,354	Mar. 26	5302	127	1424	
Dye and making same. Halogenated red vat	G. Engi	867,715	Oct. 8	740	130	1560	
Dye and making same. Monoazo	T. Kroeber	844,814	Feb. 19	4188	126	2905	
Dye and making same. Orange vat	A. Schmidt and C. Pretzell	872,585	Dec. 3	569	131	1255	
Dye and making same. Red azo	R. Schüle	873,798	Dec. 17	3042	131	1725	
Dye and making same. Red halogen vat	G. Engi	848,355	Mar. 26	5303	127	1424	
Dye and making same. Red-orange monoazo	W. Herzberg and O. Spengler	865,587	Sept. 10	1301	130	424	
Dye and making same. Red-violet vat	A. Schmidt and W. Bertram	867,679	Oct. 8	687	130	1543	
Dye and making same. Safranin	H. Heimann	872,815	Dec. 3	1038	131	1332	
Dye and making same. Sulfur	W. Herzberg, O. Scharfenberg, and M. Ronus	864,644	Aug. 27	3984	129	3417	
Dye and making same. Triphenylmethan	W. Herzberg and O. Scharfenberg	866,359	Sept. 17	2497	130	843	
Dye and making same. Vat	A. Schmidt	868,295	Oct. 15	1695	130	1874	
Dye and making same. Yellow monoazo	A. L. Laska	849,739	Apr. 9	2193	127	2180	
Dye and making same. Yellow-red	G. Engi	841,003	Jan. 8	2426	126	659	
Dye and making same. Blue quinolin	B. Homolka	844,804	Feb. 19	4166	126	2901	
Dye. Anthracene	J. Delnet	874,743	Dec. 24	4995	131	2068	
Dye. Anthracene	J. Delnet	874,744	Dec. 24	4996	131	2068	
Dye. Azo	O. Dressel and M. Kahn	843,077	Feb. 5	484	126	1918	
Dye. Azo	O. Dressel and A. Ossenbeck	843,137	Feb. 5	607	126	1950	
Dye. Azo	C. Schraube and E. Schleicher	860,575	July 16	3462	129	1210	
Dye. Azo	M. Kahn and R. Kothe	865,252	Sept. 3	747	130	226	
Dye. Azo	M. Kahn and R. Kothe	865,253	Sept. 3	748	130	227	
Dye. Black azo	O. Dressel and R. Kothe	858,444	July 2	123	129	41	
Dye. Black mordant azo	A. L. Laska	863,290	Aug. 13	1909	129	2709	
Dye. Bluish-black azo	O. Dressel and R. Kothe	859,930	July 16	2484	129	887	
Dye. Brown vat	A. Schmidt	872,085	Nov. 26	4104	131	1056	
Dye for lakes and making same. Monoazo	O. Ernst and G. Gullbransson	858,065	June 25	5161	128	3102	
Dye. Galloeyanin	W. Lommel	856,537	June 11	2157	128	2273	
Dye. Green-black vat	A. Schmidt	872,086	Nov. 26	4105	131	1056	
Dye. Green sulfur	A. L. Laska	843,156	Feb. 5	644	126	1958	
Dye. Greenish-black azo	W. König	874,967	Dec. 31	5469	131	2166	
Dye-houses or bleacheries. Means for ventilating	J. H. Lorimer	862,981	Aug. 13	1420	386-7	129	2555
Dye-jigger	W. Peters	866,058	Sept. 17	2047	571-2	130	699
Dye. Making a halogenated red	G. Engi	867,714	Oct. 8	740	130	1559	
Dye. Making an anthracene	R. Böhn	844,914	Feb. 19	4366	126	2948	
Dye. Making anthracene	M. Isler	855,248	May 28	5801	128	1579	
Dye of the anthraquinone series and making same	R. H. Scholl	856,811	June 11	2684	128	2408	
Dye of the quinophthalone series and making same. Yellow sulfon	A. Bertschmann	852,158	Apr. 30	6957	127	3496	
Dye. Ortho-oxy-monoazo	W. Schumacher	846,511	Mar. 12	1608	127	438	
Dye. Red tetrazo	H. Witter	842,048	Jan. 22	4521	126	1268	
Dye. Reddish-brown sulfur	F. Lehmann	866,939	Sept. 24	3352	130	1145	
Dye. Violet-black azo	W. König	874,968	Dec. 31	5470	131	2166	
Dye. Yellow wool	A. L. Laska	849,690	Apr. 9	2111	127	2160	
Dyes and making same. Red-violet to blue vat	G. Engi	848,356	Mar. 26	5304	127	1424	
Dyed fibers and fabrics. Fixing or setting the colors of	L. B. Fortner	852,943	May 7	1173	128	298	
Dyeing	G. A. Waldinger and C. F. Iserloth	873,277	Dec. 10	1999	131	1516	
Dyeing	H. Toepfer	873,636	Dec. 10	2712	131	1638	
Dyeing and bleaching machines. Return-liquor system for	R. P. Smith and G. E. Drum	856,922	June 11	2881	603	128	2455
Dyeing apparatus	P. Fontaine	846,462	Mar. 12	1500	332-4	127	409

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Dyeing apparatus	H. Pattyn	846,940	Mar. 12	2460	540	127	655
Dyeing apparatus	L. Destrée	856,134	June 4	1317	275-6	128	2025
Dyeing apparatus	F. N. Patterson	875,553	Dec. 31	6600	1379	131	2352
Dyeing, bleaching, and sizing cotton warps. Apparatus for	J. Hartley	858,068	June 25	5166	1094	128	3103
Dyeing establishments. Horse for	J. Knott	864,309	Aug. 27	3429	953	129	3242
Dyeing-frame	W. Hannah	861,649	July 30	5169	1419	129	1825
Dyeing-machine	N. Labonty	853,700	May 14	2685	553	128	724
Dyeing-machine	J. R. Greenwood	854,417	May 21	4126	855	128	1126
Dyeing-machine	R. P. Smith and G. E. Drum	863,460	Aug. 13	2146	579	129	2784
Dyeing-machine	D. F. Waters	872,597	Dec. 3	586	122-3	131	1258
Dyeing-machine	W. H. Fletcher	872,807	Dec. 3	1019	214-15	131	1329
Dyeing machinery	J. Sulzbach	871,376	Nov. 19	2581	661	131	791
Dyeing or printing in shaded colors or tints. Color-feeding attachment for machines for	M. Becke	860,893	July 23	3975	1089	129	1408
Dyeing textile fabrics	E. Spatz	842,122	Jan. 22	4663	1001	126	1302
Dyeing textile fiber violet-blue	O. Bally	840,419	Jan. 1	1274	279	126	334
Dyeing yarn-cops. Apparatus for	J. F. Roberts	868,699	Oct. 22	2368	655	130	2109
Dyer's vat	M. C. Cuttle	853,627	May 14	2538	527	128	685
Dyestuff and making same	F. J. Oakes	872,250	Nov. 26	4430	.....	131	1109
Dyestuff. Vat	K. Schirmacher and B. Deicke	867,305	Oct. 1	117	.....	130	1350
Dyestuff. Vat	K. Schirmacher and R. Leopold	867,306	Oct. 1	118	.....	130	1350
Dyestuffs from waste dye liquids and washing liquids. Apparatus for recovering sulfur	J. Schmitt	845,013	Feb. 19	4556	970	126	2996
Dynamo and governor. Sparking	A. P. Griebel	862,329	Aug. 6	365	100	129	2197
Dynamo construction	H. Leitner	860,813	July 23	3842	1054	129	1364
Dynamo construction	H. Leitner	863,410	Aug. 13	2077	560	129	2766
Dynamo-machines. Parallel running of	C. A. Parsons and G. G. Stoney	843,489	Feb. 5	1300	272-3	126	2118
Dynamo or the like	C. A. Vandervell and W. H. W. Proctor	865,732	Sept. 10	1522	429	130	495
Dynamo. Portable	G. A. Allen	844,991	Feb. 19	4494	959	126	2982
Dynamo. Self-exciting alternating-current	M. Latour	869,185	Oct. 22	3093	852	130	2333
Dynamo speed-governor	E. B. Jacobson	858,002	June 25	5027	1062	128	3068
Dynamo. Unipolar	W. Mathiesen	861,192	July 23	4431	1215	129	1556
Dynamos. Field-regulator for	G. S. Neeley	862,272	Aug. 6	270	77-8	129	2166
Dynamometer	W. F. Dawson	854,720	May 28	4721	982	128	1303
Dynamometer	C. M. Garland	854,996	May 28	5282	1098	128	1447
Dynamometer	F. Sellers	864,927	Sept. 3	260	69	130	82
Ear-drum. Artificial	A. Leers	841,988	Jan. 22	4407	950	126	1239
Ear-muff	S. R. Wells	869,401	Oct. 29	3454	948	130	2472
Ear-muff attachment for hats	H. Borneman	849,102	Apr. 2	983	199	127	1839
Ear ornaments. Attachment for holding	C. H. Patten	857,105	June 18	3249	683	128	2589
Ear-phone. Electric	L. F. Clarke	849,353	Apr. 2	1468	298	127	1960
Ear-ring	F. E. Farnham	869,965	Nov. 5	127	36	131	41
Ear-ring	E. F. Wilde	870,330	Nov. 5	720	194	131	236
Earth-drill	G. C. Jackson	871,800	Nov. 26	3441	845	131	959
Earth-filling apparatus	P. J. McDonald	859,238	July 9	1429	380	129	515
Earth-scraping machine	W. and J. Randall	855,336	May 28	5052	1242	128	1617
Easel	H. B. Perry	841,433	Jan. 15	3297	712	126	927
Easel	C. R. Hoag	843,210	Feb. 5	770	158	126	1960
Easel	A. H. Conelly	845,694	Feb. 26	5908	1247-8	126	3375
Easel	R. T. Anthony	855,743	June 4	584	120	128	1846
Easel	W. D. Smith	875,220	Dec. 31	5961	1242	131	2248
Easel and hanger	C. G. Taylor	871,833	Nov. 26	3526	862	131	971
Easel and plate-holder. Combined	S. McMichael	856,797	June 11	2661	548	128	2402
Easel. Display	J. B. Timmerlake	851,571	Apr. 23	5717	1198	127	3148
Easel. Photograph	H. C. Itter	873,050	Dec. 10	1570	329	131	1444
Eaves-strip	W. Behl	873,407	Dec. 10	2276	475	131	1561
Eaves-trough-forming machine	E. H. Schliely	840,382	Jan. 1	1213	265	126	319
Eaves-trough hanger	J. T. Wildsmith	848,795	Apr. 2	363	72	127	1681
Eaves-trough hanger	E. D. Greeley	865,639	Sept. 10	1381	392	130	452
Eaves-trough hanger	W. E. Patchin	869,195	Oct. 22	3110	857	130	2338
Eaves-trough hanger	W. Batdorf	869,957	Nov. 5	116	32	131	38
Eaves-trough screen	J. D. Hagler and M. Pickens	870,165	Nov. 5	446	123	131	147
Eaves-trough support	C. H. Molyneux	873,578	Dec. 10	2608	550	131	1619
Eaves-troughs. Means for forming sheet-metal	A. K. Pruden	861,317	July 30	4649	1271	129	1661
Eccentric	R. M. Clark	855,282	May 28	5858	1221	128	1594
Eccentric	F. A. Jackson	867,136	Sept. 24	3650	1037	130	1235
Eccentric. Reversing	F. W. Fleming	872,922	Dec. 3	1258	269	131	1365
Edge-folding and seam-closing machine. Duplex	E. Belknap	841,481	Jan. 15	3395	733	126	952
Edge-mill	J. Bingham	850,614	Apr. 16	3836	801-2	127	2640
Edge setting or burnishing machine	H. Horn	861,985	July 30	5682	1576	129	1978
Edge-trimming machine	A. Harrington	874,360	Dec. 17	4209	886-7	131	1909
Edger	A. E. Ayer	874,821	Dec. 24	5126	1080	131	2093
Educational appliance	G. M. Hinkley	873,667	Dec. 10	2757	585	131	1647
Educational appliance	V. Bétis	853,756	May 14	2811	577	128	756
Educational chart, drawing-board, and writing-desk. Combined	A. J. Barber	874,152	Dec. 17	3797	800	131	1841
Educational device	G. A. Henderson	871,934	Nov. 26	3743	911-12	131	1004
Educational material	J. Thomson	853,042	May 7	1378	286	128	350
Effluents. Apparatus for treating trade	A. R. Eliot	870,277	Nov. 5	629	168	131	205
Egg and cake beater. Combined	B. and A. Broadbent	872,049	Nov. 26	4032	966	131	1043
Egg-beater	J. S. Dunlap	845,341	Feb. 26	5218	1107	126	3204
Egg-beater	J. E. Hill	841,320	Jan. 15	3081	667	126	871
Egg-beater	E. R. Godward	846,662	Mar. 12	1914	421	127	517
Egg-beater	A. J. Thompson	846,763	Mar. 12	2099	461	127	564
Egg-beater	S. Danner	846,829	Mar. 12	2240	491	127	599
Egg-beater	M. E. French	858,970	July 2	1038	273	129	355
Egg-beater	F. A. Brenner	866,909	Sept. 24	3300	931	130	1129
Egg-beater	G. L. Raymond	868,124	Oct. 15	1428	401	130	1792
Egg-beater	W. Ruppel	869,736	Oct. 29	3992	1103	130	2634
Egg-beater	W. H. Tomlinson	871,247	Nov. 19	2294	600	131	748
Egg-beater, whisk, &c	E. R. Godward	846,661	Mar. 12	1913	421	127	517
Egg-beaters. Holding-bracket for	G. F. Bailey	845,326	Feb. 26	5190	1101	126	3197
Egg-boiler	H. F. Hall	852,556	May 7	353	63	128	96
Egg-boiler. Automatic	C. B. Martin	867,921	Oct. 8	1073	304	130	1661

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Egg-boiler. Time-controlled	H. Seckendorff	858,421	July 2	87	24	129	30
Egg-carrier	J. W. Denmead	840,558	Jan. 8	1568	346	126	446
Egg-carrier	C. F. Thoms	853,383	May 14	2061	427	128	561
Egg-carrier	C. H. Cronk	855,939	June 4	964	200	128	1937
Egg-case	W. H. Howell	851,595	Apr. 23	5782	1209	127	3167
Egg-case	C. M. Reed	860,496	July 16	3340	915	129	1169
Egg-case	H. S. Wood	863,481	Aug. 13	2175	588	129	2794
Egg-case division-plate	C. J. Voorhorst	847,854	Mar. 19	4308	945	127	1142
Egg-case. Folding	R. E. L. Crosby	862,810	Aug. 6	1173	316	129	2442
Egg-case. Folding or collapsible	M. Miller	874,104	Dec. 17	3710	780	131	1824
Egg-desiccating apparatus	J. M. Hussey	865,342	Sept. 3	896	257-9	130	272
Egg-lifter	C. F. Swanson	851,631	Apr. 23	5843	1222	127	3186
Egg-lifter	C. M. Reed	860,497	July 16	3342	916	129	1169
Egg-opener	F. Fleischmann	875,419	Dec. 31	6350	1323	131	2310
Egg-poaching pan	W. J. Graham	864,369	Aug. 27	3520	977	129	3271
Egg-preservative and making same	E. Utescher	850,693	Apr. 16	4013		127	2685
Egg-tester	P. J. Schreiber	842,428	Jan. 29	5361	1135	126	1521
Egg-tester	H. H. Brown	844,441	Feb. 19	3170	684	126	2658
Egg-tester	C. Lingemann	849,405	Apr. 9	1568	318	127	2024
Egg-tester	C. E. Dyer	860,194	July 16	2882	788	129	1017
Egg-tester	C. M. Reed	860,495	July 16	3339	915	129	1168
Egg-tester	W. F. Mikolasek	862,179	Aug. 6	109	29	129	2118
Egg-testing machine	A. I. McTaggart	843,622	Feb. 12	1581	334-5	126	2222
Egg-wrapper	M. E. Brown	869,160	Oct. 22	3061	844	130	2323
Eggs and other commodities. Mechanism for dispensing	G. A. Almstrom and P. Christenson	868,632	Oct. 22	2254	624-5	130	2073
Eggs, cream, vegetables, &c. Beater, mixer, and masher for	W. Sturma	843,309	Feb. 5	974	200	126	2036
Eggs. Desiccating	J. M. Hussey	866,586	Sept. 17	2801	784-5	130	638
Elastic and plastic substances. Production of	L. Stange	865,807	Sept. 10	1634		130	532
Elastic comb	M. Hess	852,273	Apr. 30	7163	1502	127	3547
Elastic substance similar to india-rubber and its manufacture	L. Roland	842,839	Jan. 29	6236		126	1733
Elastic webbing	S. Kops	875,439	Dec. 31	6393	1433	131	2317
Elastic wheel	M. Cosset	848,971	Apr. 2	726	147	127	1773
Elastic wheel	G. Floquet	852,600	May 7	460	85	128	122
Elastic wheel	G. Perruchon	856,100	June 4	1236	260	128	2004
Elastic wheel	J. C. MacLachlan	858,462	July 2	148	40	129	50
Elastic wheel	R. M. A. Leps	870,831	Nov. 12	1531	419-20	131	530
Electric accumulator	Q. Marino and E. W. Barton-Wright	873,132	Dec. 10	1727	362	131	1471
Electric alarm	J. R. Donneworth	848,016	Mar. 26	4678	1020	127	1269
Electric alarm	F. I. Johnson	872,430	Dec. 3	238	47-8	131	1205
Electric apparatus	H. L. Beach	873,290	Dec. 10	2024	424	131	1520
Electric apparatus. Cut-out for vapor	T. Van Aller	850,279	Apr. 16	3194	665-6	127	2476
Electric apparatus. Forming seals and terminals for	H. N. Potter	866,301	Sept. 17	2401	670	130	813
Electric apparatus. Sealing for	J. R. Baker	871,772	Nov. 26	3392	833	131	950
Electric-apparatus supporting means	E. G. Reed	854,309	May 21	3928	810	128	1076
Electric apparatus. Vacuum-tube	D. M. Moore	854,300	May 21	3911	806-7	128	1072
Electric apparatus. Vapor	C. P. Steinmetz	850,270	Apr. 16	3173	663	127	2470
Electric apparatus. Vapor	W. R. Burrows	853,678	May 14	2631	546	128	709
Electric attachment for movable objects	J. R. Dawkins	855,389	May 28	6037	1260	128	1638
Electric brake	F. C. Newell	841,709	Jan. 22	3840	835-6	126	1100
Electric brake	F. C. Newell and E. H. Dewson	841,710	Jan. 22	3846	836	126	1101
Electric brake	E. Franke	857,729	June 25	4453	940	128	2924
Electric cable	R. D'Unger	852,778	May 7	808	162	128	210
Electric cable	C. W. Davis	873,216	Dec. 10	1884	395	131	1496
Electric cable and wire. Device for pulling	D. H. Garber	864,530	Aug. 27	3801	1055	129	3362
Electric-cable coupling	G. L'Hoest and H. Pieper	868,460	Oct. 15	1958	546	130	1951
Electric-cable coupling. Lead-covered	J. J. Dossert	862,618	Aug. 6	871	233	129	2355
Electric-cable splicing and distributing box	H. E. Procunier	848,407	Mar. 26	4730	1031	127	1282
Electric-cable support	G. G. Raymond	851,375	Apr. 23	5345	1120-1	127	3058
Electric cables. Carriage for conveying-drums of	W. A. Turner	875,013	Dec. 31	5561	1161-2	131	2181
Electric cables. Drying	W. B. Hale	851,747	Apr. 30	6102	1276	127	3277
Electric cables. Terminal-box for	S. P. Grace and R. A. L. Snyder	857,341	June 18	3685	779	128	2700
Electric-circuit breaker	S. B. Freiberg	840,614	Jan. 8	1678	368	126	474
Electric-circuit controller	H. W. Leonard	845,656	Feb. 26	5826	1230-2	126	3353
Electric-circuit controller	M. Schuppe	858,222	June 25	5453	1164	128	3177
Electric-circuit controller	H. W. Leonard	872,829	Dec. 3	1069	225	131	1336
Electric-circuit controller	W. A. Paris	873,263	Dec. 10	1973	413	131	1511
Electric-circuit controller. Hand-operated	R. P. Jackson	852,386	Apr. 30	7390	1551	127	3603
Electric-circuit-controlling mechanism	T. T. Fogel	870,946	Nov. 12	1727	473	131	590
Electric-circuit-controlling process and device	H. Beck	853,492	May 14	2263	469	128	614
Electric-circuit drop	W. H. Robins	850,101	Apr. 9	2850	596	127	2346
Electric-circuit interrupter	R. H. Wappler and C. F. Fayer	861,783	July 30	5379	1484-5	129	1886
Electric circuit. Means for maintaining constant the voltage of an	T. Marshall	846,223	Mar. 5	1017	218	127	258
Electric-circuit metering and controlling system	J. J. Wood	844,436	Feb. 19	3154	678	126	2655
Electric-circuit protective device	F. W. Lord and F. W. Erickson	849,148	Apr. 2	1092	219	127	1868
Electric-circuit protective device	T. I. Jeffries	863,185	Aug. 13	1754	470	129	2663
Electric-circuit switch	H. S. Brown	861,800	July 30	5416	1492	129	1897
Electric-circuit switch. Automatic	C. H. Hill	851,808	Apr. 30	6225	1298	127	3310
Electric circuits. Shunt for	M. J. Wohl	846,969	Mar. 12	2518	556	127	670
Electric circuits. Thermal cut-out for	G. E. Painter	846,691	Mar. 12	1961	431	127	529
Electric compensator	E. O. Schweitzer	870,253	Nov. 5	597	160	131	196
Electric conductor	S. G. Browster	845,409	Feb. 26	5718	1211	126	3528
Electric conductor	O. T. Hungerford	854,217	May 21	3762	778	128	1032
Electric conductor	C. E. Eveleth	861,100	July 23	4296	1179	129	1511
Electric conductor	W. Hoopes and N. A. Robertson	867,659	Oct. 8	658	186	130	1534
Electric-conductor molding	S. M. Burke	866,770	Sept. 24	3101	873	130	1069
Electric conductor or cable	S. G. Brown	854,562	May 21	4398	913	128	1193
Electric-conductor-supporting device	W. W. Benson	866,709	Sept. 24	2995	849	130	1026
Electric-conductor-supporting device	B. J. Jones	851,671	Apr. 30	5947	1243	127	3238
Electric conductors. Connector for	G. E. Stevens	849,028	Apr. 2	823	169	127	1798
Electric conductors. Crosstree for supporting	H. W. Smith	848,269	Mar. 26	5118	1116	127	1380

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Electric conductors in conduits or pipes. Apparatus for threading or laying	T. J. Cope.....	850,625	Apr. 16	3872	809	127	2650
Electric conductors. Making	W. Hoopes and N. A. Robertson.	867,658	Oct. 8	656	186	130	1534
Electric conductors. Means for bonding	H. P. Brown	851,340	Apr. 23	5277	1105-6	127	3041
Electric conductors. Safety device for overhead	E. Giraud	845,034	Feb. 19	4594	977-8	126	3007
Electric conductors. Swivel-tip for	W. F. Barker	845,288	Feb. 26	5120	1085	126	3181
Electric conduits. End cap for	H. P. Moore	874,019	Dec. 17	3479	741	131	1797
Electric connector and switch. Combined	S. F. Burbank	870,490	Nov. 5	970	266	131	314
Electric contact-rail	E. W. Farnham	865,879	Sept. 10	1763	491	130	582
Electric control mechanism	P. Synnestvedt	851,633	Apr. 23	5846	1222	127	3181
Electric control system	W. E. Ebert	858,797	July 2	761	198-9	129	267
Electric control system	R. P. Jackson	868,929	Oct. 22	2715	748	130	2215
Electric controller	H. Sawyer	842,342	Jan. 29	5150	1095-7	126	1460
Electric controller	E. Marshall	844,379	Feb. 19	3056	654	126	2630
Electric controller	F. Volk	846,533	Mar. 12	1642	365	127	447
Electric controller	R. W. Brown	848,006	Mar. 26	4665	1016-17	127	1265
Electric controller	R. V. Sill	856,737	June 11	2554	524	128	2375
Electric controller	R. W. Brown	874,567	Dec. 24	4644	975	131	2009
Electric controller	J. Ledwinka	875,536	Dec. 31	6571	1373	131	2347
Electric controllers. Automatic cut-out for	A. C. Eastwood	873,737	Dec. 17	2930	621	131	1705
Electric controlling device	M. Kallmann	862,740	Aug. 6	1061	286	129	2409
Electric controlling mechanism. Thermo-	H. C. Smith	867,846	Oct. 8	944	269	130	1621
Electric controlling-switch	W. Gminder	853,688	May 14	2664	549	128	719
Electric controlling system	C. P. Breese	862,441	Aug. 6	562	150	129	2264
Electric controlling system	R. P. Jackson	868,864	Oct. 22	2614	723	130	2182
Electric-current-controlling device	H. B. Emerson and G. H. Dorgeloh.	854,727	May 28	4733	984	128	1306
Electric-current-distributing systems. Means for controlling	J. L. Routin	860,572	July 16	3456	950	129	1208
Electric-current generator. Alternating	W. Hallock	857,394	June 18	3788	802-3	128	2725
Electric-current interrupter for ignition systems	L. J. Le Pontois	858,730	July 2	637	167	129	220
Electric-current interrupting and varying apparatus.	E. Bachelet	847,877	Mar. 19	4351	954	127	1153
Electric-current regulator	D. R. Knapp and H. E. Cade	860,305	July 16	3052	836	129	1073
Electric currents. Apparatus or means for the production, transmission, and distribution of	C. E. Fritts	874,908	Dec. 24	5306	1116	131	2121
Electric currents. Regulating resistance for	P. Wöbber	857,138	June 18	3306	697	128	2603
Electric currents. Transformation of	W. T. Taylor	869,595	Oct. 29	3769	1032	130	2569
Electric cut-out	E. O. Jackson	860,481	July 16	3323	910	129	1163
Electric devices. Improving vapor	S. Ferguson	866,011	Sept. 17	1968	549	130	676
Electric distribution systems. Ground and fault detector for	P. Torchio and T. W. Varley	857,262	June 18	3537	748-9	128	2662
Electric-drop-light hanger. Adjustable	A. J. Gowan	848,167	Mar. 26	4917	1074	127	1329
Electric elevator	H. F. Gurney	851,934	Apr. 30	6496	1354-5	127	3380
Electric feeding mechanism	A. W. Sherwood	848,928	Apr. 2	653	130-1	127	1755
Electric fixture	H. R. Mitchell	870,736	Nov. 12	1366	374	131	479
Electric fixture. High-tension	A. S. Marten	856,275	June 11	1618	336-7	128	2137
Electric fixture. Pendant	W. L. Bradshaw	857,024	June 18	3086	651	128	2547
Electric fixtures. Canopy for	J. H. Dale	873,994	Dec. 17	3428	730	131	1789
Electric furnace	W. H. Bristol	839,983	Jan. 1	362	79	126	99
Electric furnace	L. Dion	840,481	Jan. 8	1409	311	126	406
Electric furnace	E. R. Taylor	843,776	Feb. 12	1853	394-5	126	2293
Electric furnace	L. W. Stevens	846,521	Mar. 12	1621	360	127	441
Electric furnace	B. von Ischewsky	847,003	Mar. 12	2576	566	127	685
Electric furnace	H. N. Potter	851,961	Apr. 30	6551	1365	127	3394
Electric furnace	A. C. Higgins	856,061	June 4	1170	247	128	1988
Electric furnace	P. L. T. Héroult	858,718	July 2	617	161	129	213
Electric furnace	F. T. Snyder	859,136	July 2	1271	338-9	129	430
Electric furnace	F. T. Snyder	859,137	July 2	1274	339-40	129	431
Electric furnace	E. A. Colby	859,641	July 9	2043	552-3	129	715
Electric furnace	R. C. Unger	860,587	July 16	3483	957	129	1215
Electric furnace	W. G. Clark	865,016	Sept. 3	404	108	130	125
Electric furnace	J. T. Marshall	867,519	Oct. 1	440	125	130	1452
Electric furnace	G. Gin	869,432	Oct. 29	3503	961-2	130	2487
Electric furnace	F. J. Tong	870,326	Nov. 5	714	193	131	233
Electric furnace	P. L. T. Héroult	871,338	Nov. 19	2501	645	131	780
Electric furnace	E. R. Taylor	871,971	Nov. 26	3845	930-1	131	1017
Electric furnace	J. C. King	872,352	Dec. 3	72	13-14	131	1170
Electric furnace	G. Holmgren	873,861	Dec. 17	3184	678-9	131	1747
Electric furnace and method	P. L. T. Héroult	871,273	Nov. 19	2344	610	131	756
Electric furnace and process	P. L. T. Héroult. (Reissue)	12,658	June 4	1440	304	128	2056
Electric-furnace process	F. von Kügelgen and G. O. Seward.	858,400	July 2	57	16	129	21
Electric generator	K. Weman and A. Larsson	865,068	Sept. 3	484	133-4	130	147
Electric generator and motor	A. S. Krotz	866,286	Sept. 17	2378	662	130	805
Electric generators. Automatic speed-controlled circuit-closure for	C. E. Dawson	848,292	Mar. 26	5173	1127	127	1394
Electric generators. Voltage-regulator for series-wound	J. W. Welsh	851,461	Apr. 23	5506	1153	127	3097
Electric generators. Wireless balance for	R. C. and E. Taylor	842,358	Jan. 29	5189	1102-3	126	1470
Electric governor	E. Schattner	848,925	Apr. 2	647	130	127	1753
Electric governor	H. Weber	854,918	May 28	5135	1069	128	1411
Electric heater	N. N. S. Matcovitch	840,857	Jan. 8	2132	470	126	585
Electric heater	A. N. Anderson	842,849	Feb. 5	1	1	126	1787
Electric heater	S. W. Taliaferro	843,775	Feb. 12	1852	394	126	2292
Electric heater	E. R. Waterman	844,979	Feb. 19	4470	954	126	2976
Electric heater	A. H. Bremer, W. J. Chattin, and A. H. Hoenisch.	846,544	Mar. 12	1661	369	127	452
Electric heater	J. T. Howell	846,853	Mar. 12	2287	503	127	613
Electric heater	E. E. Gold	850,924	Apr. 23	4458	982-3	127	2837
Electric heater	J. S. Reynolds	856,807	June 11	2677	552	128	2406
Electric heater	E. Thomson	857,122	June 18	3275	690	128	2586
Electric heater	J. A. Reardon	857,485	June 18	3963	841	128	2768
Electric heater	E. H. Abbott	860,179	July 16	2866	782	129	1012
Electric heater	G. E. Stevens	869,464	Oct. 29	3354	974	130	2504
Electric heater	H. M. Wicker	871,153	Nov. 19	2095	563	131	719

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Electric heater.	M. Landry.	873,317	Dec. 10	2099	438	131	1531
Electric heater.	A. Voelker.	875,394	Dec. 31	6307	1314	131	2302
Electric heater or rheostat.	F. C. Newell.	854,824	May 23	4957	1031	128	1365
Electric heating fabric.	W. Richmond.	869,460	Oct. 29	3550	973	130	2503
Electric igniter.	W. H. Blood, Jr.	849,593	Apr. 9	1944	398	127	2119
Electric indicator for trains.	H. G. Dyer.	861,715	July 30	5269	1449-50	129	1853
Electric induction-battery.	H. E. Willis.	840,728	Jan. 8	1890	416	126	526
Electric induction-furnace.	J. Hårdén.	861,031	July 23	4202	1151	129	1479
Electric junction and outlet box.	O. C. Hoffmann and A. I. Appleton.	848,994	Apr. 2	763	156	127	1782
Electric knife-switch.	O. Rothenstein.	868,704	Oct. 22	2373	657	130	2111
Electric-light bracket.	G. Gautier.	860,059	July 16	2698	734	129	957
Electric-light bulb.	E. E. Lerberg.	843,900	Feb. 12	2091	448	126	2350
Electric-light bulbs. Controller for incandescent.	T. Kopp.	859,821	July 9	2305	627	129	800
Electric-light cabinet. Portable for incandescent.	H. H. Roberts.	853,033	May 7	1364	283-4	128	347
Electric-light circuits. Door-operated electric switch for.	J. Kramer.	868,348	Oct. 15	1777	502	130	1897
Electric-light cluster.	L. Hruska.	862,397	Aug. 6	483	129	129	2238
Electric-light fixture.	J. F. Barrett.	854,554	May 21	4373	906	128	1185
Electric-light globes. Means for cleaning or manipulating.	C. D. Bates.	840,102	Jan. 1	618	154	126	163
Electric-light hanger.	F. E. Christman.	846,778	Mar. 12	2130	468	127	572
Electric-light hanger. Adjustable.	J. McGavin.	875,280	Dec. 31	6073	1267	131	2267
Electric-light hood.	C. J. Eichhorn.	861,445	July 30	4875	1336	129	1730
Electric-light illuminant.	R. H. Read.	859,840	July 9	2344	637	129	811
Electric-light-regulating attachment.	C. Smith.	857,311	June 18	3633	769	128	2687
Electric-light shade and reflector.	B. F. Norton.	851,627	Apr. 23	5837	1219	127	3179
Electric-light support.	W. A. Williams.	860,507	July 16	3357	922	129	1174
Electric-light switch.	J. McGavock.	844,533	Feb. 19	3379	728	126	2709
Electric-light switch.	H. R. Coffey.	857,384	June 18	3771	798	128	2721
Electric lights. Contact-plug for sockets for.	F. W. Jaeger and G. A. Landsee.	860,482	July 16	3323	910	129	1163
Electric lights. Producing.	P. C. Hewitt.	843,534	Feb. 5	1398	294-5	126	2142
Electric lighting.	D. M. Moore.	849,009	Apr. 2	786	161	127	1787
Electric lighting.	J. Hårdén.	859,292	July 9	1510	404	129	541
Electric lighting.	W. J. Phelps.	859,515	July 9	1842	496	129	650
Electric lighting.	E. A. Sperry.	873,804	Dec. 17	3053	649	131	1727
Electric-lighting device.	A. M. Cornelius and W. V. Champ- lin.	851,403	Apr. 23	5400	1131	127	3073
Electric machine.	C. de Kando.	853,550	May 14	2374	495	128	641
Electric machine. Alternating-current dynamo.	C. P. Steinmetz.	843,774	Feb. 12	1849	394	126	2291
Electric-machine bridging-blocks. Dynamo.	E. Heitmann and F. W. Young.	871,758	Nov. 19	3345	823	131	915
Electric-machine brush-holder.	G. Finzi and E. Tallero.	874,665	Dec. 24	4835	1015	131	2042
Electric machine. Direct-current dynamo.	E. C. Wright.	858,246	June 25	5494	1172	128	3188
Electric machine. Dynamo.	M. C. A. Latour.	841,543	Jan. 15	3501	756	126	981
Electric machine. Dynamo.	M. C. A. Latour.	841,545	Jan. 15	3505	757	126	983
Electric machine. Dynamo.	M. C. A. Latour.	842,963	Feb. 5	240	53	126	1849
Electric machine. Dynamo.	E. Oelschläger.	846,422	Mar. 5	1419	314	127	358
Electric machine. Dynamo.	E. Rosenberg.	849,085	Apr. 2	943	193	127	1828
Electric machine. Dynamo.	S. S. Forster.	849,670	Apr. 9	2081	427-8	127	2153
Electric machine. Dynamo.	E. F. W. Alexanderson.	849,713	Apr. 9	2152	442	127	2170
Electric machine. Dynamo.	K. Sulzberger.	850,276	Apr. 16	3181	664	127	2472
Electric machine. Dynamo.	C. Macmillan.	850,664	Apr. 16	3952	826	127	2672
Electric machine. Dynamo.	W. L. Waters.	853,285	May 14	1846	385	128	500
Electric machine. Dynamo.	J. A. Williams.	854,321	May 21	3945	815	128	1081
Electric machine. Dynamo.	W. J. Richards.	854,704	May 21	4677	975	128	1262
Electric machine. Dynamo.	W. M. Coffman.	854,717	May 28	4717	981	128	1302
Electric machine. Dynamo.	J. E. Noeggerath.	854,756	May 28	4792	995-7	128	1322
Electric machine. Dynamo.	L. E. Underwood.	854,782	May 28	4848	1007	128	1336
Electric machine. Dynamo.	C. B. Ward.	854,784	May 28	4854	1008	128	1337
Electric machine. Dynamo.	J. A. Mudge.	856,414	June 11	1944	399	128	2221
Electric machine. Dynamo.	J. R. Weszelinoyits.	857,132	June 18	3292	694-5	128	2600
Electric machine. Dynamo.	B. T. McCormick.	858,097	June 25	5229	1108-9	128	3120
Electric machine. Dynamo.	E. W. Mix and P. Bunet.	859,318	July 9	1551	414	129	557
Electric machine. Dynamo.	P. J. Collins.	859,368	July 9	1642	437	129	585
Electric machine. Dynamo.	P. J. Collins.	859,369	July 9	1643	438	129	586
Electric machine. Dynamo.	P. J. Collins.	859,545	July 9	1896	509	129	667
Electric machine. Dynamo.	R. B. Williamson.	860,953	July 23	4071	1114-15	129	1440
Electric machine. Dynamo.	A. C. King.	860,979	July 23	4119	1128	129	1455
Electric machine. Dynamo.	E. F. W. Alexanderson.	861,072	July 23	4254	1166	129	1496
Electric machine. Dynamo.	L. E. Underwood.	863,814	Aug. 20	2686	740	129	2986
Electric machine. Dynamo.	C. D. Knight.	868,190	Oct. 15	1509	428	130	1817
Electric machine. Dynamo.	W. D. Pomeroy.	868,580	Oct. 15	2150	602	130	2016
Electric machine. Dynamo.	M. Pfatischer.	869,102	Oct. 22	2974	821-2	130	2296
Electric machine. Dynamo.	D. C. Jackson.	870,035	Nov. 5	254	70	131	88
Electric machine. Dynamo.	M. Pfatischer.	870,313	Nov. 5	691	186-7	131	226
Electric machine. Dynamo.	J. E. Noeggerath.	873,072	Dec. 10	1618	337	131	1452
Electric machine. Dynamo.	J. L. Burnham.	873,714	Dec. 17	2869	610	131	1697
Electric machine. Dynamo.	K. A. Pauly.	873,778	Dec. 17	3003	637	131	1718
Electric machine. Hydro.	H. E. Fry.	875,059	Dec. 31	5649	1178	131	2196
Electric machine or electric motor. Dynamo.	R. Lundell.	857,184	June 18	3400	717	128	2627
Electric machine. Static.	W. C. Shinn.	873,178	Dec. 10	1824	382	131	1485
Electric machine with commutating-poles. Dynamo.	H. R. King.	854,425	May 21	4141	858	128	1130
Electric machines. Composition or compound for brushes of dynamo.	C. W. Speirs.	849,643	Apr. 9	2029	417	127	2140
Electric machines. Cooling dynamo.	E. R. Whitney and L. A. Tirrill.	849,706	Apr. 9	2140	440	127	2167
Electric machines. Means for protecting dynamo.	C. T. Mosman.	863,201	Aug. 13	1773	477	129	2670
Electric machines. Reversing the polarity of dynamo.	J. B. Taylor.	854,772	May 28	4829	1003	128	1332
Electric machines. Rotor for high-speed dynamo.	B. A. Behrend.	859,361	July 9	1631	434	129	582
Electric machines. Series shunt for dynamo.	E. T. Mug.	869,796	Oct. 29	4077	1126	130	2659
Electric machines. Series shunt for dynamo.	H. C. Beekley.	870,611	Nov. 12	1159	316	131	410
Electric machines. Ventilating dynamo.	H. G. Reist.	856,423	June 11	1963	404	128	2225
Electric machines. Voltage-regulator for dynamo.	G. S. Neeley.	862,273	Aug. 6	273	78	129	2167
Electric machines. Voltage-regulator for dynamo.	G. S. Neeley.	862,274	Aug. 6	277	78-9	129	2168
Electric machinery. Brush for dynamo.	C. W. Speirs.	849,511	Apr. 9	1801	365	127	2083
Electric machinery. Dynamo.	W. L. Waters.	862,776	Aug. 6	1109	299	129	2422

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Electric machinery. Dynamo-.....	C. A. Parsons and J. H. Armstrong.	869,934	Nov. 5	86	25	131	29
Electric masts. Support for crown or antenna wires for	A. E. Brown.....	857,152	June 18	3330	702-3	128	2609
Electric meter.....	C. W. Atkinson.....	847,540	Mar. 19	3644	803	127	987
Electric meter.....	E. Thomson.....	854,777	May 28	4836	1004-5	128	1333
Electric meter.....	R. Arno.....	855,220	May 28	5742	1196	128	1563
Electric meter.....	A. J. Martin.....	856,412	June 11	1940	398	128	2220
Electric meter.....	W. J. Mowbray.....	860,987	July 23	4140	1134	129	1462
Electric meter.....	G. A. Sawin.....	863,224	Aug. 13	1815	488	129	2682
Electric meter.....	C. E. Holmes.....	863,799	Aug. 20	2660	735	129	2978
Electric-meter attachment.....	W. L. Saunders.....	838,474	July 2	192	45	129	72
Electric-meter case and support.....	T. E. Murray.....	872,572	Dec. 3	548	113	131	1251
Electric meters. Device to disclose opening of the shunt-circuits of	W. L. Saunders.....	846,624	Mar. 12	1846	406	127	500
Electric meters. Device to disclose shunting of the circuits around	W. L. Saunders.....	871,238	Nov. 19	2270	596	131	745
Electric motor.....	A. T. MacCoy.....	843,287	Feb. 5	930	188	126	2028
Electric motor.....	C. R. Meston and H. I. Finch.....	844,383	Feb. 19	3061	655	126	2631
Electric motor.....	C. R. Meston and H. I. Finch.....	844,384	Feb. 19	3063	656	126	2632
Electric motor.....	J. B. Wantz.....	844,701	Feb. 19	3948	837	126	2842
Electric motor.....	D. Mendelson.....	846,227	Mar. 5	1024	219	127	260
Electric motor.....	R. E. Barker.....	850,203	Apr. 16	3061	642	127	2439
Electric motor.....	J. B. Gury.....	850,926	Apr. 23	4461	933	127	2838
Electric motor.....	W. M. Bradshaw.....	853,218	May 14	1723	357	128	463
Electric motor.....	O. H. and A. F. Pieper.....	868,806	Oct. 22	2533	698	130	2159
Electric motor.....	J. P. Hayes.....	869,780	Oct. 29	4051	1118-19	130	2652
Electric motor.....	D. C. Jackson.....	875,178	Dec. 31	5878	1226	131	2234
Electric motor and controller for the same	J. H. Hertner.....	850,475	Apr. 16	3575	747	127	2575
Electric motor and other apparatus in which there is magnetic flux.	R. D. Mershon.....	852,028	Apr. 30	6726	1398	127	3439
Electric-motor automatic starter.....	W. C. O'Brien.....	860,104	July 16	2755	752-3	129	975
Electric motor. Commutating.....	R. D. Mershon.....	853,464	May 14	2199	457	128	598
Electric-motor control.....	N. W. Storer.....	858,425	July 2	92	25	129	32
Electric-motor-control system.....	H. D. James.....	854,825	May 28	4935	1025	128	1359
Electric-motor-control system.....	H. D. James.....	854,892	May 28	5092	1058-9	128	1400
Electric-motor-control system.....	O. S. Schairer.....	858,476	July 2	194	46	129	73
Electric-motor-control system.....	N. W. Storer and W. Cooper.....	858,481	July 2	204	47	129	76
Electric-motor control system.....	H. D. James.....	862,168	Aug. 6	84	24	129	2111
Electric-motor controller.....	S. Sparrow.....	840,590	Jan. 8	1630	358	126	460
Electric-motor controller.....	H. U. Hart.....	844,352	Feb. 19	3000	641-2	126	2616
Electric-motor controller.....	F. Schaefer.....	846,626	Mar. 12	1849	407	127	500
Electric-motor controller.....	C. A. Dresser.....	851,804	Apr. 30	6218	1296-7	127	3309
Electric-motor controller.....	F. H. Burmester.....	855,093	May 28	5504	1142	128	1504
Electric-motor controller.....	W. D. Pomeroy.....	855,972	June 4	1029	213	128	1954
Electric-motor controller.....	C. S. Lee.....	865,970	Sept. 10	1898	531-2	130	622
Electric-motor-controller attachment.....	A. H. Mathewson.....	865,412	Sept. 10	1011	289	130	336
Electric-motor controllers. Alternating-current retaining device for	T. E. Barnum.....	844,650	Feb. 19	3836	813	126	2814
Electric-motor-controlling apparatus.....	R. P. Jackson.....	851,662	Apr. 30	5930	1240	127	3252
Electric-motor-controlling device.....	J. D. Ihlder.....	851,239	Apr. 23	5064	1066	127	2986
Electric-motor-controlling means.....	W. A. Paris.....	862,192	Aug. 6	132	37	129	2125
Electric-motor-cooling means.....	J. B. Ward.....	856,379	June 11	1867	385	128	2203
Electric-motor drive.....	W. B. Potter.....	841,270	Jan. 15	2974	647	126	844
Electric-motor drum-controller.....	T. E. Barnum.....	844,651	Feb. 19	3839	814	126	2815
Electric motor, dynamo, and the like. Moisture-proof	F. W. Ellis.....	860,791	July 23	3817	1046	129	1357
Electric-motor governor.....	A. F. Pieper.....	855,805	June 4	697	142	128	1872
Electric motor. Reciprocating.....	R. P. Irving.....	855,513	June 4	133	27	128	1727
Electric-motor regulation.....	R. Stebbins.....	849,582	Apr. 9	1928	395	127	2114
Electric-motor safety device.....	F. M. Conlee.....	859,435	July 9	1734	462	129	615
Electric-motor self-starter.....	H. H. Cutler.....	844,663	Feb. 19	3873	820	126	2823
Electric-motor speed-controller.....	R. Temple.....	844,630	Feb. 19	3796	802-3	126	2804
Electric-motor speed-controlling device.....	T. W. Heermans.....	847,663	Mar. 19	3909	854	127	2048
Electric-motor starter.....	W. C. Mayo and J. Houlehan.....	856,540	June 11	2167	446-7	128	1076
Electric-motor-starting device.....	A. C. King.....	843,753	Feb. 12	1815	386	126	2283
Electric-motor-starting device.....	D. R. Knapp and H. E. Cade.....	850,165	Apr. 16	2978	624	127	2417
Electric-motor suspension means.....	C. A. Psilander.....	862,198	Aug. 6	140	39	129	2128
Electric-motor system.....	G. Baehr.....	842,515	Jan. 29	5554	1175	126	1567
Electric motor. Variable-speed.....	J. C. Lincoln.....	847,088	Mar. 12	2742	605	127	723
Electric-motor wheel.....	K. Knudsen.....	859,820	July 9	2304	626	129	799
Electric motors and similar devices. Controller for	H. W. Leonard.....	855,897	June 4	880	182-3	128	1915
Electric motors. Automatic tripping safety device for	A. Herath and I. Hultman.....	863,177	Aug. 13	1737	466-7	129	2657
Electric motors. Centrifugal switch for.....	K. Tornberg.....	856,433	June 11	1978	407	128	2230
Electric motors. Connecting system for direct-current	R. Brun.....	865,011	Sept. 3	391	105	130	122
Electric motors for driving sewing-machines, small lathes, &c. Controlling device for	A. H. Midgley and B. Reed.....	850,947	Apr. 23	4497	940	127	2847
Electric motors, generators, and other apparatus. Operating	R. D. Mershon.....	842,966	Feb. 5	245	54	126	1850
Electric motors. Method and means for controlling.....	W. H. Powell.....	865,813	Sept. 10	1651	465	130	539
Electric motors. Method of and means for controlling.....	L. E. Bogen.....	865,822	Sept. 10	1682	467	130	557
Electric motors. Operating.....	R. D. Mershon.....	853,107	May 7	1484	310	128	375
Electric motors. Ventilation of.....	G. Gibbs.....	842,951	Feb. 5	215	49	126	1843
Electric muffle-furnace.....	A. L. Marsh.....	861,744	July 30	5310	1464	129	1864
Electric-power-distributing systems. Controlling.....	J. L. Routin.....	840,013	Jan. 1	432	93-4	126	117
Electric receiving device.....	I. Kitzee.....	848,753	Apr. 2	261	53	127	1653
Electric reciprocating device.....	J. B. Rathbun.....	864,259	Aug. 27	3357	934-5	129	3220
Electric recorder.....	D. J. Klepfer.....	848,468	Mar. 26	5513	1201	127	1477
Electric regulating device.....	J. F. McElroy.....	855,723	June 4	532	112	128	1831
Electric regulation.....	M. Moskowitz.....	875,205	Dec. 31	5928	1236	131	2243
Electric regulator.....	J. Bijur.....	841,106	Jan. 15	2672	584	126	768
Electric regulator.....	W. S. Andrews.....	841,215	Jan. 15	2869	624	126	817
Electric regulator.....	A. C. Carey.....	843,733	Feb. 12	1778	379	126	2274
Electric regulator.....	F. C. Newell.....	865,516	Sept. 10	1186	338	130	390
Electric regulator.....	A. H. Barber.....	869,684	Oct. 29	3915	1077	130	2613

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Electric resistance apparatus.	R. von Brockdorff.	845,051	Feb. 26	4630	985	126	3055
Electric resistance bodies. Production of.	F. Bölling.	864,723	Aug. 27	4111	.....	129	3457
Electric resistance device.	H. W. Leonard.	863,293	Aug. 13	1913	.....	129	2710
Electric resistance element.	A. L. Marsh.	853,891	May 14	3094	.....	128	823
Electric resistance element.	A. L. Marsh.	859,608	July 9	1996	.....	129	701
Electric resistance furnace.	E. F. Price.	855,480	June 4	74	15	128	1714
Electric signal.	W. F. Dreer.	841,855	Jan. 22	4155	895	126	1183
Electric signal.	C. L. Krum.	843,283	Feb. 5	922	187	126	2025
Electric signal.	E. Lionais and W. T. Sutton.	850,766	Apr. 16	4134	865	127	2715
Electric signal.	G. Langlumé.	856,071	June 4	1187	251	128	1993
Electric signal.	R. Pfeil.	856,179	June 4	1402	297	128	2046
Electric signal.	M. A. and J. H. Ewing.	861,958	July 30	5644	1565	129	1968
Electric snap-switch.	W. S. Mayer.	857,087	June 18	3217	677	128	2580
Electric sparking plug.	C. E. Reed, Jr.	856,602	June 11	2296	472	128	2311
Electric sparks. Apparatus for producing.	W. Marshall.	858,196	June 25	5404	1151	128	3163
Electric-storing device. Automatic.	J. W. Ringer.	870,688	Nov. 12	1291	352-3	131	454
Electric switch.	E. M. Hewlett and T. E. Button.	840,327	Jan. 1	1079	235	126	288
Electric switch.	H. J. S. Lewis.	843,901	Feb. 12	2091	449	126	2350
Electric switch.	J. C. Pinkerton.	844,045	Feb. 12	2351	504	126	2414
Electric switch.	C. E. Eveleth.	844,787	Feb. 19	4136	882	126	2893
Electric switch.	H. Sawyer.	846,625	Mar. 12	1847	407	127	500
Electric switch.	A. Koesche.	846,673	Mar. 12	1936	425	127	523
Electric switch.	I. Kiltsee.	847,007	Mar. 12	2585	568	127	686
Electric switch.	G. W. Liden.	847,087	Mar. 12	2740	605	127	722
Electric switch.	G. W. Hart.	848,028	Mar. 26	4699	1024	127	1274
Electric switch.	E. M. Hewlett.	849,684	Apr. 9	2103	432	127	2158
Electric switch.	C. J. Toerring.	850,506	Apr. 16	3637	761	127	2590
Electric switch.	W. M. Brown.	853,220	May 14	1727	358	128	469
Electric switch.	W. S. Mayer.	857,186	June 18	3404	718	128	2628
Electric switch.	J. M. Andersen.	860,432	July 16	3249	888	129	1137
Electric switch.	J. J. Ross.	864,694	Aug. 27	4068	1130-1	129	3443
Electric switch.	E. M. Hewlett and T. E. Button.	855,588	Sept. 10	1302	369-70	130	424
Electric switch.	E. Johnson.	867,569	Oct. 1	423	121	130	1447
Electric switch.	C. S. Hill.	868,781	Oct. 22	2488	680	130	2145
Electric switch.	J. J. Wood.	875,029	Dec. 31	5590	1167	131	2168
Electric switch and air-gage. Automatic pressure-controlled.	L. H. Westphal.	849,762	Apr. 9	2248	461	127	2195
Electric switch and air-gage. Automatic pressure-controlled.	L. H. Westphal.	850,081	Apr. 9	2810	589	127	2336
Electric switch. Automatic.	W. F. Irish.	843,276	Feb. 5	908	185	126	2022
Electric switch. Automatic.	W. L. Bliss.	872,215	Nov. 26	4361	1039	131	1068
Electric-switch-controlling system.	E. M. Hewlett and C. E. Eveleth.	844,800	Feb. 19	4138	886	126	2899
Electric switch mechanism.	F. C. Newell.	846,340	Mar. 5	1234	272	127	311
Electric switch. Multiple.	H. J. S. Lewis.	843,902	Feb. 12	2096	449	126	2351
Electric switch. Safety.	A. H. Williamson.	842,843	Jan. 29	6249	1320	126	1736
Electric switch. Time-controlled.	J. W. Wood.	870,404	Nov. 5	850	226	131	280
Electric switches. Remote control device for.	G. Wright.	852,680	May 7	847	124	128	169
Electric switches. Turn-button for.	H. E. Leppert.	874,016	Dec. 17	3474	740	131	1796
Electric switching apparatus and controlling apparatus therefor.	A. Blackmore.	870,078	Nov. 5	318	88-90	131	106
Electric system. High-tension direct-current.	J. S. Highfield.	846,566	Mar. 12	1716	378	127	465
Electric terminal.	G. D. Pogue.	860,057	July 16	2693	733	129	956
Electric terminal wires. Spring-clamp for.	H. J. Brewer.	848,085	Mar. 26	4789	1044-5	127	1296
Electric time-alarm.	J. L. Grass, W. K. Cook, C. W. Fletcher, and F. J. Arndt.	863,570	Aug. 13	2303	630-1	129	2831
Electric time-switch.	J. M. Chappel.	841,226	Jan. 15	2890	628	126	822
Electric time-switch.	M. I. Flowers.	844,345	Feb. 19	2983	638-9	126	2612
Electric time-switch.	M. Neumann and S. Regensteiner.	862,344	Aug. 6	385	106-7	129	2203
Electric time-switch.	B. Tropp.	864,048	Aug. 20	3026	836	129	3090
Electric time-switch.	W. D. Ross.	865,432	Sept. 10	1042	297	130	346
Electric time-switch.	J. C. Van Slyke.	875,017	Dec. 31	5569	1163	131	2182
Electric time-switch. Automatic.	L. C. Dorland.	843,005	Feb. 5	328	71	126	1872
Electric time-switch for beacons.	R. P. Nelms.	840,646	Jan. 8	1727	380	126	486
Electric timing device.	H. H. McIntire.	843,621	Feb. 12	1579	334	126	2222
Electric tool.	O. A. Kenyon.	853,552	May 14	2379	495	128	643
Electric tram system.	O. J. Davy.	843,520	Feb. 5	1364	287-8	126	2133
Electric transmission-cables. Tower for.	A. K. Mansfield.	840,947	Jan. 8	2325	511	126	634
Electric transmission of intelligence.	I. Kiltsee.	848,750	Apr. 2	257	82	127	1652
Electric transmission of intelligence.	I. Kiltsee.	848,751	Apr. 2	260	82	127	1652
Electric transmission of intelligence.	I. Kiltsee.	863,852	Aug. 20	2742	754	129	3004
Electric transmission of intelligence.	I. Kiltsee.	874,209	Dec. 17	3919	826	131	1860
Electric transmission-receiving device.	I. Kiltsee.	846,414	Mar. 5	1395	307	127	354
Electric transportation system.	W. C. McMurray.	850,173	Apr. 16	2994	627-8	127	2421
Electric trimming apparatus.	F. J. Rush.	844,406	Feb. 19	3106	667	126	2641
Electric-vehicle control system.	W. Cooper.	856,448	June 11	2006	413	128	2237
Electric waves. Means for receiving intelligence communicated by.	G. W. Pickard.	845,316	Feb. 26	5172	1098	126	3194
Electric-wire clamp.	E. W. Buffinton.	864,947	Sept. 3	287	77	130	92
Electric-wire conduits. Machine for making tubular.	A. P. Hinksy.	864,168	Aug. 27	3217	891	129	3175
Electric-wire connection.	F. B. Thatcher.	871,535	Nov. 19	2936	733	131	845
Electric-wire connector.	J. A. Shutz.	867,312	Oct. 1	126	38	130	1353
Electric wires. Branch conduit-box for.	L. W. Bossert.	854,020	May 21	3352	688	128	928
Electric wires. Pick-up for non-insulated.	E. J. Heath.	854,578	May 21	4428	920	128	1201
Electric wires. Rotating bracket for the suspension of.	C. E. Buckbee.	873,700	Dec. 10	2833	703	131	1659
Electric wires. Terminal or connecting-clip for.	H. E. Sohner and W. H. Benjamin.	868,300	Oct. 15	1704	481	130	1876
Electric wires. Tool for testing the currents in.	A. Scheibler.	840,714	Jan. 8	1862	410	126	521
Electric wiring. Break-arm for.	W. A. Arthur.	865,473	Sept. 10	1112	317	130	367
Electric wiring. Floor-box for.	H. Krantz.	856,165	June 4	1379	290	128	2041
Electric-wiring molding.	W. H. G. Kirkpatrick.	867,140	Sept. 24	3655	1038	130	1237
Electric wiring. Rosette for.	W. F. Ritter.	862,660	Aug. 6	934	250	129	2373
Electrical accumulator.	J. Knobloch.	865,503	Sept. 10	1162	331	130	384
Electrical accumulator.	C. Busch.	873,715	Dec. 17	2871	611	131	1698
Electrical and other devices. Receptacle for.	R. Siegfried.	864,930	Sept. 3	264	70	130	83
Electrical apparatus.	C. N. Lord.	847,794	Mar. 19	4170	910	127	1109
Electrical apparatus.	W. H. Thompson.	854,316	May 21	3937	813	128	1079
Electrical apparatus.	J. C. Vetter.	859,029	July 2	1118	297	129	381

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Electrical apparatus	W. H. Thompson	862,361	Aug. 6	415	113	129	2214
Electrical apparatus	T. W. Varley	869,602	Oct. 29	3787	1035	130	2574
Electrical apparatus	C. J. Klein	872,432	Dec. 3	242	48-9	131	1206
Electrical apparatus. Alternating-current.	F. Conrad and W. M. Bradshaw	853,226	May 14	1737	360-1	128	472
Electrical apparatus. Base-fastening device for	L. Bates	860,117	July 16	2771	756	129	980
Electrical-apparatus clip	H. Krantz	869,832	Oct. 29	4156	1148	130	2683
Electrical-apparatus coil	P. MacGahan	873,253	Dec. 10	1960	409	131	1509
Electrical apparatus. High-pressure	F. J. Koch	846,672	Mar. 12	1932	425	127	522
Electrical apparatus. Terminal block for	W. M. Bradshaw	853,219	May 14	1725	357-8	128	468
Electrical apparatus. Winding for	M. Barcus	856,566	June 11	2226	458	128	2291
Electrical attachment for movable objects.	J. R. Dawkins. (Reissue.)	12,715	Nov. 5	1036	282	131	335
Electrical-circuit protective apparatus	H. P. Davis and F. Conrad	840,478	Jan. 8	1398	309	126	404
Electrical-circuit protector	C. A. Rolfe	867,212	Sept. 24	3786	1069	130	1281
Electrical circuits. Contact device with a swinging plug for	W. Kreinsen	861,468	July 30	4903	1346	129	1739
Electrical condenser	C. Z. Davis	859,923	July 16	2476	673	129	885
Electrical condenser	L. Gerard	867,579	Oct. 8	547	154	130	1501
Electrical conductor	F. Platt	847,303	Mar. 12	3148	693	127	825
Electrical conductor	F. W. Richey	867,416	Oct. 1	283	83	130	1401
Electrical conductor and armor therefor	C. J. Klein	854,094	May 21	3522	727	128	970
Electrical conductors. Connector or terminal for	J. McLaughlin	843,763	Feb. 12	1835	391	126	2288
Electrical conductors. Method of and apparatus for fault location on	H. M. Friendly	859,556	July 9	1917	516	129	674
Electrical connection	P. Horan	860,665	July 23	3622	992	129	1294
Electrical connections. Clamp for ground-wire	W. R. Cox	846,400	Mar. 5	1356	298	127	343
Electrical connections. Receptacle and plug for	W. S. Mayer	854,369	May 21	4030	833	128	1103
Electrical connector	F. H. Ayer	868,751	Oct. 22	2446	677	130	2132
Electrical contact apparatus	J. C. Boyd	842,852	Feb. 5	11	2-3	126	1790
Electrical contact-finger	H. K. Sandell	859,524	July 9	1857	500	129	656
Electrical contact-joint	R. H. Wappler	856,321	June 11	1718	357	128	2163
Electrical controller	G. Laird and J. P. Todd	856,476	June 11	2054	422-3	128	2249
Electrical controller for steam plants, &c	J. A. Olson	856,417	June 11	1953	401	128	2223
Electrical currents. Device for amplifying	J. S. Stone	854,120	May 21	3574	737-8	128	981
Electrical currents. Device for amplifying feeble	L. De Forest	841,387	Jan. 15	3220	694	126	908
Electrical cut-off. Automatic	R. H. McDowell	853,990	May 21	3301	679	128	916
Electrical cut-out	P. T. McNally	856,085	June 4	1209	256	128	1998
Electrical cut-out device. Automatic	R. Brebach	852,766	May 7	786	157	128	204
Electrical cut-out switch	W. H. Ringwood	864,261	Aug. 27	3363	935-6	129	3222
Electrical distribution and regulation system	W. A. Turbayne	849,705	Apr. 9	2137	440	127	2167
Electrical distribution. Panel-board for	E. N. Lake	840,068	Jan. 1	556	121-2	126	147
Electrical-distribution system	R. Hundhausen	840,216	Jan. 1	869	188	126	236
Electrical-distribution system	M. O. Troy	848,935	Apr. 2	663	133	127	1757
Electrical-distribution system	W. A. Turbayne	852,639	May 7	532	101	128	139
Electrical-distribution system	W. A. Turbayne	852,687	May 7	639	123	128	166
Electrical-distribution system	R. C. Leake	853,888	May 14	3086	633	128	822
Electrical-distribution system	S. B. Storer	854,121	May 21	3576	738	128	982
Electrical-distribution system	S. B. Storer	854,122	May 21	3580	738-9	128	983
Electrical-distribution system	J. L. Woodbridge	854,862	May 28	5014	1042	128	1379
Electrical-distribution system	S. B. Storer	856,430	June 11	1975	406	128	2229
Electrical-distribution system	A. S. Hubbard	858,720	July 2	619	162	129	213
Electrical-distribution system	J. W. Achard	861,155	July 23	4372	1200	129	1536
Electrical-distribution system	W. L. Bliss	863,692	Aug. 20	2493	689	129	2923
Electrical-distribution system	J. B. Entz	865,368	Sept. 10	946	272	130	315
Electrical-distribution system	L. C. Marburg	867,065	Sept. 24	3550	1006	130	1206
Electrical-distribution system	E. Weintraub	868,379	Oct. 15	1827	515	130	1912
Electrical-distribution system	E. Weintraub	868,380	Oct. 15	1829	515	130	1912
Electrical-distribution system	A. S. Hubbard and W. A. Turbayne	869,243	Oct. 29	3189	879	130	2389
Electrical-distribution system	E. Van Wagenen	869,279	Oct. 29	3243	894-5	130	2407
Electrical-distribution system	W. E. Winship	869,286	Oct. 29	3259	897-8	130	2412
Electrical-distribution system	A. S. Hubbard and W. A. Turbayne	869,306	Oct. 29	3294	908	130	2423
Electrical-distribution system	J. L. Woodbridge	870,149	Nov. 5	426	118	131	140
Electrical-distribution system	J. L. Woodbridge	870,150	Nov. 5	427	118	131	140
Electrical-distribution system. Self-regulating	W. A. Turbayne	849,644	Apr. 9	2031	417	127	2140
Electrical driving mechanism	G. C. Marx	854,050	May 21	3423	706	128	944
Electrical drop	G. J. Galbraith	873,307	Dec. 10	2071	432	131	1527
Electrical energy. Generating and distributing	W. Stanley	859,143	July 2	1281	341	129	432
Electrical energy. Method of and apparatus for transmitting	W. C. Yeatman	863,247	Aug. 13	1857	500	129	2694
Electrical floor-boxes. Cover-attaching means for	W. F. Irish	861,654	July 30	5178	1421	129	1827
Electrical grounding device	J. F. Golding	847,935	Mar. 19	4481	983	127	1183
Electrical heater	M. H. Shoenberg	852,853	May 7	988	204	128	251
Electrical heater and expansion coil	M. H. Shoenberg	856,736	June 11	2553	524	128	2375
Electrical heating element or resistance	E. G. Rivers	851,440	Apr. 23	5470	1145	127	3090
Electrical-impulse-counting switch	H. J. Roberts	851,031	Apr. 23	4638	973-4	127	2883
Electrical indicating apparatus	A. A. Radtke	849,698	Apr. 9	2121	437	127	2163
Electrical indicating device	C. Crandall	846,185	Mar. 5	943	200-1	127	239
Electrical indicator	J. Summers and J. J. Berry	850,691	Apr. 16	4004	837-8	127	2683
Electrical interrupter and rectifier	H. A. Yarnell	856,933	June 11	2897	607	128	2458
Electrical lugs. Making	G. A. Tower	860,889	July 23	3970	1088	129	1407
Electrical moldings. Terminal for	R. Simon	849,275	Apr. 2	1313	266	127	1923
Electrical-operation system	J. C. Slaughter	858,632	July 2	483	124	129	169
Electrical-operation system	J. C. Slaughter	858,676	July 2	550	142	129	190
Electrical oscillations. Receiver for	P. O. Pedersen	858,668	July 2	538	138	129	186
Electrical plug-receptacle	F. J. Russell	840,014	Jan. 1	435	94-5	126	118
Electrical protective apparatus	C. A. Rolfe	845,010	Feb. 19	4549	969	126	2994
Electrical protective apparatus. Automatic resoldering device for	F. B. Cook	870,495	Nov. 5	976	267	131	316
Electrical purposes. Coil for	E. W. Jodrey	865,907	Sept. 10	1804	503	130	594
Electrical purposes. Socket bushing or fitting for	W. B. Stewart	846,158	Mar. 5	900	189	127	229
Electrical resistance	A. O. Benecke	845,997	Mar. 5	566	119	127	145
Electrical-resistance support	F. Johannsmeyer	868,272	Oct. 15	1646	465	130	1860
Electrical rosette	G. B. Thomas	849,934	Apr. 9	2563	531	127	2277
Electrical rosette	J. S. Stewart	862,520	Aug. 6	706	190	129	2305
Electrical safety device	R. Apt	855,440	June 4	3	1	128	1695

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Electrical self-playing instrument.	H. K. Sandell.	859,620	July 9	2011	542-3	129	705
Electrical sockets and conduits. Connection for.	R. B. Benjamin.	854,978	May 28	5238	1091	128	1437
Electrical-spark-timer device.	R. Clarke.	858,956	July 2	1009	263	129	346
Electrical switch.	J. E. Morris.	841,035	Jan. 8	2494	543	126	679
Electrical switch.	J. A. Kennedy-McGregor and H. Wren.	841,407	Jan. 15	3255	701-2	126	917
Electrical switch.	E. W. Brackett.	845,848	Mar. 5	223	46	127	55
Electrical switch.	R. H. Manson.	846,120	Mar. 5	830	173	127	211
Electrical switch.	R. H. Manson.	850,870	Apr. 16	4343	911	127	2775
Electrical switch.	W. M. Scott.	854,436	May 21	4160	862-3	128	1134
Electrical switch.	J. P. Appleby.	855,494	June 4	98	20	128	1719
Electrical switch.	M. J. Kehoe.	866,590	Sept. 17	2809	787	130	940
Electrical switch.	F. Orzel.	871,139	Nov. 19	2063	558	131	712
Electrical switchboard. Sectional.	W. D. Graves.	861,587	July 30	5077	1393	129	1797
Electrical synchronism.	E. F. Northrup.	843,415	Feb. 5	1141	238	126	2078
Electrical systems from lightning and other static disturbances. Protection of	R. D. Mershon.	852,026	Apr. 30	6720	1397	127	3437
Electrical systems. Water-jet grounder for protection against excessive potentials in	S. Schneider.	866,075	Sept. 17	2075	578	130	708
Electrical testing system.	H. E. Miller.	873,674	Dec. 10	2774	588-9	131	1650
Electrical thermostatic alarm.	J. Finch.	870,423	Nov. 5	881	236	131	290
Electrical transmission and propulsion. System of.	M. Leblanc.	874,411	Dec. 24	4328	911-12	131	1960
Electrical winding.	J. W. Lattig and C. L. Goodrum.	846,114	Mar. 5	812	170	127	207
Electrically-actuated body. Means of control for an	B. McInnerney.	855,066	May 28	5431	1127	128	1487
Electrically-conducting bodies for use as contacts. Making	H. Viertel and G. Egly.	842,730	Jan. 29	6035	126	1685	
Electrically-controlled elevator.	W. D. Lutz.	851,682	Apr. 30	5969	1247-8	127	3243
Electrically-controlled elevator.	C. and F. C. Naujoks.	851,829	Apr. 30	6271	1308	127	3324
Electrically-driven machinery. Controlling device for	F. O. Hunt.	853,585	May 14	2443	508-9	128	660
Electrically-driven step-by-step machine.	A. F. Poole.	845,890	Mar. 5	336	69	127	86
Electrically-heated body.	E. Haagn.	847,065	Mar. 12	2705	595	127	714
Electrically-heated shaft-furnace.	J. S. Edström.	862,146	Aug. 6	39	11	129	2094
Electrically-heated vessels. Safety attachment for.	J. I. Ayer.	854,396	May 21	4078	843	128	1115
Electrically-operated fountain.	A. D. Southam.	871,191	Nov. 19	2166	577-8	131	729
Electricity from stock. Device for removing static.	W. Fullard and C. M. Donham.	854,413	May 21	4118	853	128	1125
Electricity. Neutralizing static.	W. H. Chapman.	844,300	Feb. 12	2880	613	126	2548
Electrocapillary apparatus.	J. T. Armstrong and A. Orling.	844,080	Feb. 12	2416	518	126	2430
Electrocapillary apparatus.	A. Orling.	872,193	Nov. 26	4304	1023	131	1090
Electrochemical analysis. Apparatus for.	G. A. Guess and H. E. T. Haultain.	870,674	Nov. 12	1271	347	131	447
Electrochemical apparatus.	F. A. Decker.	839,816	Jan. 1	31	8	126	10
Electrochemical apparatus.	F. A. Decker.	857,607	June 25	4213	890	128	2862
Electrode.	J. H. Robertson.	853,521	May 14	2322	483	128	630
Electrode.	J. W. Stubbs.	867,319	Oct. 1	137	41	130	1355
Electrode.	G. A. Guess and H. E. T. Haultain.	870,675	Nov. 12	1272	347	131	447
Electrode.	R. J. Wisnom.	872,878	Dec. 3	1181	251	131	1352
Electrode and producing same. Carbon.	T. P. Sharts.	845,585	Feb. 26	5678	1203	126	3318
Electrode. Arc-lamp.	C. P. Steinmetz.	868,502	Oct. 15	2014	562	130	1969
Electrode. Arc-lamp.	R. Fleming.	869,300	Oct. 29	3287	905	130	2421
Electrode. Arc-lamp.	R. Fleming.	869,301	Oct. 29	3288	906	130	2421
Electrode. Arc-light.	R. H. Read.	859,579	July 9	1953	526	129	686
Electrode. Arc-light.	R. H. Read.	859,889	July 9	2421	658	129	833
Electrode. Arc-light.	R. H. Read.	859,890	July 9	2422	658	129	834
Electrode. Arc-light.	R. H. Read.	859,891	July 9	2423	658	129	834
Electrode for arc-lamps.	S. P. Wilbur.	855,738	June 4	578	118	128	1844
Electrode for arc-lamps and making the same.	W. S. Weedon.	867,456	Oct. 1	344	99	130	1420
Electrode for galvanic elements. Carbon.	W. Möllenbruck and W. Dielmann.	870,985	Nov. 12	1791	487	131	610
Electrode for secondary batteries.	L. Chronik.	861,806	July 30	5424	1495	129	1899
Electrode for therapeutic use, &c.	E. T. Nealey.	843,354	Feb. 5	1046	215	126	2054
Electrode joint. Carbon.	F. J. Tone.	863,674	Aug. 20	2471	682	129	2917
Electrode. Storage-battery.	T. A. Edison.	857,929	June 25	4846	128	3020	
Electrode. Storage-battery.	T. A. Edison.	860,195	July 16	2883	788	129	1017
Electrode. Zinc.	C. B. Schoenmehl.	848,570	Mar. 26	5707	1248	127	1525
Electrodes and heating by electricity and combustion. Baking carbon	E. F. Price.	865,608	Sept. 10	1340	380	130	438
Electrodes. Cooling-jacket for electric-furnace.	F. M. Becket.	855,441	June 4	4	1	128	1696
Electrodes. Making seamless tubular pockets or receptacles for storage-battery	T. A. Edison.	862,145	Aug. 6	38	11	129	2094
Electrodes. Making storage-battery.	T. A. Edison.	854,200	May 21	3734	128	1025	
Electrodegalvanic apparatus.	F. F. Hespe.	861,117	July 23	4322	1186	129	1521
Electrogenic body device.	A. R. Cooper.	871,479	Nov. 19	2816	708	131	826
Electrolier-hanger.	R. T. Watt.	867,858	Oct. 8	964	275	130	1626
Electrolysis.	G. Rambaldini.	861,226	July 23	4482	1229	129	1573
Electrolysis. Multiple-needle holder for	E. W. Johnson.	864,968	Sept. 3	329	88	130	105
Electrolytes. Apparatus for regenerating.	L. H. Baekeland.	844,314	Feb. 19	2932	624	126	2598
Electrolytic apparatus.	A. G. Betts.	850,127	Apr. 16	2920	609-10	127	2403
Electrolytic apparatus.	J. H. Ryan.	841,720	Jan. 22	3860	839	126	1104
Electrolytic cell.	G. O. Seward and F. von Kugelgen.	842,256	Jan. 29	4967	1060	126	1411
Electrolytic cell.	A. O. Tate.	857,909	June 25	4804	1019	128	3010
Electrolytic cell.	G. A. Gabriel. (Reissue).	12,672	July 16	3554	975	129	1237
Electrolytic cell.	E. A. Allen.	862,783	Aug. 6	1116	302	129	2424
Electrolytic cell.	A. E. Gibbs.	874,064	Dec. 17	3642	765	131	1812
Electrolytic-cell battery.	R. H. F. Finlay.	850,867	Apr. 16	4337	909-10	127	2768
Electrolytic diaphragm and making same.	L. H. Baekeland.	855,221	May 28	5744	128	1564	
Electrolytic metallic deposits. Bath for obtaining	L. Trunkhahn.	868,729	Oct. 22	2415	130	2122	
Electrolytic process and product.	C. P. Townsend.	867,320	Oct. 1	137	130	1355	
Electrolytic receiver.	F. C. Pickett.	875,105	Dec. 31	5733	1195	131	2210
Electrolytic tank.	J. F. Miller.	856,277	June 11	1620	337	128	2138
Electrolytic work. Lining tanks for.	J. F. Miller.	857,886	June 25	4743	1007	128	2994
Electromagnet.	T. M. Walsh.	840,531	Jan. 8	1503	333	126	430
Electromagnet.	J. E. Washburn.	843,919	Feb. 12	2137	456	126	2363
Electromagnet.	R. P. Jackson.	851,663	Apr. 30	5934	1240	127	3234
Electromagnet.	G. Baehr.	858,941	July 2	984	256	129	338
Electromagnet.	D. L. Lindquist.	863,296	Aug. 13	1919	519	129	2712

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Electromagnet-interrupter.....	J. Erickson.....	841,004	Jan. 8	2427	530	126	659
Electromagnets. Winding for.....	W. M. Bradshaw.....	853,340	May 14	1982	409	128	542
Electromagnetic apparatus.....	A. H. Pikler.....	841,438	Jan. 15	3305	714	126	920
Electromagnetic apparatus.....	E. Bachelet.....	849,653	Apr. 9	2052	421	127	2146
Electromagnetic apparatus.....	J. McIntyre.....	868,468	Oct. 15	1969	549	130	1955
Electromagnetic machine or concentrator.....	J. H. Ryan.....	853,475	May 14	2224	463	128	603
Electromagnetic means for transporting non-magnetic materials.....	E. I. Dodds.....	854,153	May 21	3634	751-2	128	996
Electromagnetic press.....	J. P. Buckley.....	870,012	Nov. 5	223	60	131	79
Electromagnetic register.....	I. Fluegelman.....	858,377	July 2	22	8	129	8
Electromagnetic separator.....	W. Blackmore.....	851,979	Apr. 30	6580	1370-1	127	3401
Electromagnetic signal.....	H. M. Crane.....	840,201	Jan. 1	830	182	126	222
Electromagnetic sounding apparatus.....	W. F. Seidel and E. Sassenhoff.....	863,322	Aug. 13	1958	528	129	2726
Electromagnetic switch.....	W. Scribner.....	852,582	May 7	430	79	128	114
Electromagnetic transmitting device.....	M. Johannet.....	847,079	Mar. 12	2728	601-2	127	720
Electromagnetic waves. Radiating.....	P. C. Hewitt.....	856,150	June 4	1350	283	128	2034
Electromagnetically-actuated device.....	R. P. Jackson.....	854,824	May 28	4934	1025	128	1358
Electromagnetically-operated mechanism.....	J. M. Andersen.....	872,400	Dec. 3	165	31-2	131	1194
Electromedical appliance.....	D. R. Overman.....	857,664	June 25	4312	911	128	2887
Electromotor of the induction type.....	F. M. Lewis.....	854,296	May 21	3904	805	128	1070
Electroplating apparatus.....	H. R. Boissier.....	843,321	Feb. 5	991	203	126	2040
Electroplating apparatus.....	D. F. Broderick.....	858,059	June 25	5149	1090	128	3099
Electroplating apparatus.....	A. F. Schroeder.....	866,311	Sept. 17	2414	673-4	130	817
Electroplating apparatus.....	L. Pothoff.....	866,959	Sept. 24	3381	957	130	1155
Electroplating-cells. Anode for.....	G. M. Elliott.....	850,823	Apr. 16	4243	891	127	2744
Electroplating. Making articles by.....	T. A. Edison.....	850,912	Apr. 23	4432	927	127	2832
Electroplating solution.....	R. H. Marshall.....	850,944	Apr. 23	4493	127	2846	
Electropneumatic channeler.....	A. H. Gibson. (Reissue).....	12,602	Jan. 29	6266	1324	126	1740
Electropneumatic channeler.....	A. H. Gibson. (Reissue).....	12,704	Oct. 22	3147	868-9	130	2349
Electropneumatic track-channeler.....	A. H. Gibson.....	848,984	Apr. 2	744	151	127	1777
Electrostatic separator.....	P. H. Pickard.....	840,802	Jan. 8	2030	449	126	561
Electrostatic separator.....	E. H. Wynne.....	840,815	Jan. 8	2046	453	126	565
Electrotherapeutic apparatus.....	N. H. Raymond and J. C. Vetter.....	859,011	July 2	1091	288	129	371
Electrotherapeutic apparatus.....	L. G. Woolley.....	862,781	Aug. 6	1114	302	129	2424
Electrotherapeutic apparatus.....	N. H. Raymond and J. C. Vetter.....	872,148	Nov. 26	4222	1007	131	1076
Electrotherapeutic instrument.....	B. Y. Boyd.....	870,927	Nov. 12	1693	465	131	580
Electrotherapeutical instrument.....	J. W. Molière.....	852,133	Apr. 30	6922	1445	127	3487
Electrothermal protector.....	F. B. Cook.....	841,849	Jan. 22	4143	893	126	1180
Electrothermal protector.....	F. B. Cook.....	870,714	Nov. 12	1331	364	131	467
Electrothermal protectors. Automatic testing and resetting means for.....	F. B. Cook.....	869,554	Oct. 29	3702	1015	130	2949
Electrothermal switch.....	J. Erickson.....	851,410	Apr. 23	5410	1133	127	3075
Electrothermal switch.....	R. B. Hewitt and J. G. Nolen.....	851,420	Apr. 23	5431	1137	127	3081
Electrothermal switch.....	J. G. Nolen.....	861,310	July 30	4630	1266	129	1656
Electrotype-locking apparatus.....	J. J. Floyd.....	865,581	Sept. 10	1292	366	130	422
Electrotype or the like.....	E. A. Faller.....	854,995	May 28	5278	1097-8	128	1447
Electrotype-plates. Method of and means for preparing and holding.....	H. A. W. Wood.....	851,049	Apr. 23	4676	983	127	2893
Elevated carrier.....	F. E. Sackett.....	847,511	Mar. 19	3582	788	127	964
Elevated carrier.....	L. Colavecchio.....	847,907	Mar. 19	4424	971	127	1169
Elevated carrier.....	H. Skreberg.....	860,256	July 16	2981	814	129	1050
Elevated carrier.....	W. Loudon.....	865,113	Sept. 3	540	150-1	130	163
Elevated carrier.....	W. Loudon.....	865,509	Sept. 10	1171	333	130	386
Elevated carrier.....	P. H. and H. C. Iblings.....	868,186	Oct. 15	1502	426	130	1814
Elevated carrier.....	P. A. Henning.....	870,363	Nov. 5	796	212	131	260
Elevated carrier.....	A. H. Neller.....	873,165	Dec. 10	1792	376	131	1481
Elevating and conveying mechanism.....	A. R. Holmén.....	865,041	Sept. 3	438	118	130	134
Elevating apparatus.....	W. Peters.....	861,534	July 30	4989	1370-1	129	1768
Elevating device.....	P. Burnah.....	867,640	Oct. 8	635	179	130	1528
Elevating-graders. Belt-tightening appliance for.....	T. R. McKnight.....	844,387	Feb. 19	3068	657-8	126	2633
Elevating means.....	H. Bawden, W. Hoskin, and J. B. Merritt.....	862,791	Aug. 6	1128	305-6	129	2428
Elevating mechanism.....	J. D. Lowry.....	859,089	July 2	1197	322-3	129	405
Elevator:							
See Barrel-elevator.....	Inclined elevator.....						
Carcass-elevator.....	Ice-elevator.....						
Clutch-controlled elevator.....	Lazy-tongs elevator.....						
Electric elevator.....	Passenger-elevator.....						
Electrically-controlled elevator.....	Plunger-elevator.....						
Grain-elevator.....	Pneumatic elevator.....						
Grain and ear-corn elevator.....	Portable elevator.....						
Grain-storage elevator.....	Potato-elevator.....						
Hod-elevator.....	Pump-elevator.....						
Hydraulic elevator.....	Safety-elevator.....						
	Wagon-elevator.....						
	Water-elevator.....						
Elevator.....	B. H. Alvey.....	840,189	Jan. 1	808	177	126	216
Elevator.....	G. F. Steedman.....	841,065	Jan. 8	2554	558	126	693
Elevator.....	H. C. Sagehorn.....	843,301	Feb. 5	961	195-6	126	2034
Elevator.....	H. C. Sagehorn.....	843,302	Feb. 5	963	196-7	126	2034
Elevator.....	F. Shannon.....	843,370	Feb. 5	1076	222	126	2062
Elevator.....	M. Dashiell.....	853,534	May 14	2343	488	128	635
Elevator.....	D. C. Suplee.....	855,074	May 28	5468	1135	128	1495
Elevator.....	C. A. Lindstrom.....	855,957	June 4	990	206-7	128	1944
Elevator.....	C. R. Pratt.....	865,205	Sept. 3	673	192	130	204
Elevator.....	T. J. Spicer.....	867,437	Oct. 1	312	91	130	1410
Elevator.....	R. H. Pascoe and F. Bergen.....	869,800	Oct. 29	4082	1127	130	2660
Elevator.....	J. W. Shook.....	872,855	Dec. 3	1135	240	131	1344
Elevator.....	J. W. Brown.....	872,986	Dec. 3	1392	292	131	1386
Elevator.....	P. Hinkel.....	874,339	Dec. 17	4176	879	131	1902
Elevator alarm-bell.....	A. C. Sisson.....	857,368	June 18	3743	792	128	2713
Elevator and builder's crane for moving heavy building materials. Combined.....	E. Lübcke.....	874,778	Dec. 24	5053	1065	131	2079
Elevator and conveyer.....	S. Stepanian.....	859,588	July 9	1965	530	129	689
Elevator-boot.....	R. Munn.....	844,033	Feb. 12	2334	500	126	2410

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Elevator-boot	F. C. Payne	850,541	Apr. 16	3700	774	127	2608
Elevator-boot	C. Bradford	875,145	Dec. 31	5812	1213	131	2223
Elevator-boot bearing	W. R. Cunningham	853,443	May 14	2157	449	128	586
Elevator-brake	M. Fullenlove	856,576	June 11	2252	463	128	2298
Elevator-bucket	I. O. Robbins	865,611	Sept. 10	1344	381	130	440
Elevator-bucket	A. W. Berkner	873,655	Dec. 10	2741	581	131	1644
Elevator-car lock	W. W. Wood	858,552	July 2	323	79	129	117
Elevator control device. Automatic	S. S. Teague	852,357	Apr. 30	7313	1538-9	127	3584
Elevator control device. Automatic	S. S. Teague	852,358	Apr. 30	7321	1539	127	3588
Elevator controller. Electric	H. F. Gurney	851,933	Apr. 30	6491	1354	127	3378
Elevator controlling and braking device. Electric	P. Wright	859,163	July 2	1309	348-9	129	441
Elevator-controlling apparatus	J. J. Westbrook	843,980	Feb. 12	2237	478-9	126	2388
Elevator-controlling mechanism	W. H. Hultgren	859,944	July 16	2505	680-1	129	892
Elevator-door-connecting device	H. Bitner	853,950	May 21	3234	663	128	898
Elevator-door-controlling apparatus	S. Bentley	845,680	Feb. 26	5879	1241	126	3361
Elevator-door lock	G. R. Wikander	867,626	Oct. 8	615	174	130	1522
Elevator-door mechanism	V. A. Benson	853,859	May 14	3014	619	128	804
Elevator-door-opening device	M. N. Davis	840,754	Jan. 8	1941	427	126	539
Elevator. Electrically-controlled	C. T. Westlin	869,760	Oct. 29	4024	1111	130	2644
Elevator-engine	L. M. Van Slyke	855,543	June 4	191	38	128	1744
Elevator-floor-gate-actuating device	W. C. Smith	871,898	Nov. 26	3665	893-4	131	992
Elevator-gate-closing means	C. W. Kirsch	840,344	Jan. 1	1109	241	126	296
Elevator-gate-operating mechanism	J. E. W. Fogal	865,335	Sept. 3	883	254	130	267
Elevator-guide lubricator	C. Hartley and K. Kautsky	860,375	July 16	3160	864	129	1108
Elevator-guide-shoe	H. Donohoe	857,725	June 25	4444	939	128	2922
Elevator-lock	M. Dashiell	860,596	July 16	3494	961	129	1219
Elevator-lock	F. W. Ruppman	870,589	Nov. 12	1117	305-6	131	394
Elevator-machine	M. Dashiell	873,925	Dec. 17	3295	704	131	1767
Elevator plants. Means for operating hydraulic	G. L. Smith	866,820	Sept. 24	3178	893	130	1092
Elevator-rope clamp	R. C. Smith	868,718	Oct. 22	2399	663	130	2118
Elevator safety appliance	F. L. Emerson	848,453	Mar. 26	5493	1196	127	1472
Elevator safety appliance	A. L. Edmiston	866,117	Sept. 17	2136	594	130	728
Elevator safety appliance	J. Coleman	870,084	Nov. 5	327	91-2	131	109
Elevator safety appliance	J. L. Boren	870,411	Nov. 5	860	229	131	283
Elevator safety appliance	S. Bruce	873,495	Dec. 10	2435	512	131	1590
Elevator safety attachment	A. J. Hallstein	849,610	Apr. 9	1973	404	127	2126
Elevator safety attachment	D. Pamp	860,319	July 16	3075	841	129	1081
Elevator safety-catch	J. D. Ihlder and R. W. Scott	848,373	Mar. 26	5335	1161	127	1431
Elevator safety device	W. Lowry	844,947	Feb. 19	4414	943-4	126	2923
Elevator safety device	C. R. Pratt	846,613	Mar. 12	1827	402	127	495
Elevator safety device	G. R. Layman	847,083	Mar. 12	2734	603	127	721
Elevator safety device	J. J. Westbrook	847,867	Mar. 19	4330	950	127	1148
Elevator safety device	M. H. Ross	851,382	Apr. 23	5361	1122-3	127	3063
Elevator safety device	C. R. Pratt	853,733	May 14	2762	568-9	128	743
Elevator safety device	B. Lehn	855,646	June 4	385	80	128	1793
Elevator safety device	R. E. Ackley	858,247	June 25	5496	1172-3	128	3188
Elevator safety device	J. Hillebrand	858,390	July 2	39	12	129	15
Elevator safety device	T. J. Abbott	859,718	July 9	2161	584	129	753
Elevator safety device	D. F. Greaser	859,761	July 9	2219	603	129	772
Elevator safety device	G. M. Peters	864,029	Aug. 20	2993	828	129	3079
Elevator safety means	M. T. Weston	852,048	Apr. 30	6757	1405-6	127	3447
Elevator safety mechanism	H. Bawden and W. Hoskin	846,386	Mar. 5	1324	291-2	127	334
Elevator safety mechanism	H. Bawden and W. Hoskin	846,436	Mar. 5	1446	321-2	127	365
Elevator safety-stop	H. Y. Baldwin	842,294	Jan. 29	5051	1077-8	126	1432
Elevator safety-stop	J. N. Michell	852,072	Apr. 30	6795	1415	127	3456
Elevator-shaft closure and operating means therefor	S. E. Austin	865,750	Sept. 10	1550	437	130	505
Elevator-shaft door	J. Rashkin	871,735	Nov. 19	3287	813	131	907
Elevator-shaft door mechanism	C. W. Kirsch	868,449	Oct. 15	1940	541-2	130	1946
Elevator-shaft doors. Chain-attaching bracket for	J. Rashkin	857,109	June 18	3253	684	128	2590
Elevator-shafts. Automatic door-closer for	E. E. Ashley	855,376	May 28	6016	1256	128	1634
Elevator signaling apparatus	J. D. Bowne	850,618	Apr. 16	3852	805-6	127	2644
Elevator signaling apparatus	C. A. Reiners	864,915	Sept. 3	239	65	130	75
Elevator-stop	T. Waughtal	851,460	Apr. 23	5505	1152	127	3097
Elevator system. Door-controlled electric	R. H. Gay	851,086	Apr. 23	4745	999	127	2808
Elevator system. Multiple	C. Foster	849,840	Apr. 9	2398	490	127	2235
Elevator valve mechanism	R. C. Bromley	850,619	Apr. 16	3862	807	127	2647
Elevator valve mechanism	R. C. Bromley	854,795	May 28	4870	1011-12	128	1341
Elevators, &c. Automatic control system for	B. N. Jones	850,937	Apr. 23	4478	937	127	2842
Elevators. Detaching-cone for mine and other	G. Killian	845,177	Feb. 26	4587	1036	126	3115
Elevators. Feed means for traction	A. J. Gates	867,495	Oct. 1	399	114	130	1437
Elevators. Floor-gate-actuating device for	E. O. Ungar	870,860	Nov. 12	1571	432	131	541
Elevators. Grain-unloading sink for	F. R. McQueen	854,377	May 21	4044	836	128	1106
Elevators. Valve control for pneumatic	G. F. Steedman	848,271	Mar. 26	5120	1117-18	127	1381
Elevators. Valve mechanism for hydraulic	I. Carlson and C. Bergstrom	866,189	Sept. 17	2234	623	130	759
Ellipsograph	J. T. Kelley	861,861	July 30	5499	1518	129	1922
Ellipsograph	N. D. S. K. Beck	873,291	Dec. 10	2028	424	131	1521
Embankments, dams, and the like. Facing for	R. R. L. de Muralt	864,022	Aug. 20	2980	822-3	129	3075
Embossing and printing press	E. B. Roth	862,108	July 30	5880	1629-31	129	2041
Embossing and printing press	E. B. Roth	862,110	July 30	5887	1631-2	129	2042
Embossing-machine	J. Kleinewefers	842,891	Feb. 5	97	23	126	1801
Embossing-machine	A. F. Philippi	859,837	July 9	2333	633-5	129	809
Embossing name-plates, &c. Apparatus for	T. Hawkins	848,824	Apr. 2	452	89	127	1702
Embossing-press	S. Curtis	842,865	Feb. 5	48	11-12	126	1896
Embossing-press	A. H. Unrig	862,947	Aug. 13	1376	373-4	129	2542
Embossing-presses. Wiping attachment for power	L. M. Winter	840,280	Jan. 1	991	215-16	126	267
Embroidering-machine	A. Nufer	840,243	Jan. 1	916	200-1	126	249
Embroidering-machine	C. A. Gonzenbach	840,933	Jan. 8	2299	504-6	126	627
Embroidering-machine	A. Burgess, J. G. and M. O. Rehfuß	842,854	Feb. 5	25	4-5	126	1796
Embroidering-machine	F. Gezauf	844,015	Feb. 12	2300	492-3	126	2497
Embroidering-machine	J. Schroeder	872,152	Nov. 26	4227	1009	131	1077
Embroidery-frame	A. Feil	853,232	May 14	1747	363	128	475
Embroidery-hoop	N. C. Leonard	861,471	July 30	4906	1347	129	1740
Embroidery in divers cords	F. Baudenon	855,274	May 28	5845	1219	128	1591
Embroidery machine. Scalloping-	W. N. Parkes	875,628	Dec. 31	6847	1428-30	131	2378

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Embroidery-machines. Fabric-frame-moving mechanism for	W. L. De Bar	855,187	May 28	5690	1184-5	128	1550
Embroidery-machines. Fabric-holding rack for	C. Eugster	839,923	Jan. 1	246	52	126	68
Embroidery. Manufacturing	H. Häberer	865,640	Sept. 10	1381	392	130	452
Embroidery-stand	L. Tobriner	856,824	June 11	2704	558	128	2413
Emergency-brake	J. A. Birdsall	850,414	Apr. 16	3449	723	127	2543
Emergency-brake. Automatic	W. Cooper	849,599	Apr. 9	1955	400	127	2121
Emergency-coupling	G. T. Woodson	853,142	May 7	1547	322	128	390
Emergency-wheel	G. H. Treadgold	862,422	Aug. 6	521	139	129	2249
Emery grinding-machine	M. Machacek	845,878	Mar. 5	308	61	127	80
Emery-wheels and similar devices. Balancing	O. H. Hyde	861,463	July 30	4896	1343	129	1737
Emulsion of oil and the like	O. A. H. H. Kösters	867,141	Sept. 24	3656		130	1237
Emulsion of oil and the like	O. A. H. H. Kösters	875,665	Dec. 31	6948		131	2391
Emulsions. Homogenizing	G. Kunick	840,500	Jan. 8	1445		126	415
Enamel ware, china, porcelain, majolica, glass, &c. Decorating	R. Gottlieb	844,516	Feb. 19	3333	718	126	2697
Enameled ware	W. A. Dunlap	868,078	Oct. 15	1363	382	130	1772
Enameling bricks, tiles, and building-blocks	H. Gallinowsky	859,875	July 9	2399		129	827
Enameling. Metal-	G. M. Banning	869,155	Oct. 22	3055	843	130	2321
Enameling. Method of	C. R. Schmidt	862,285	Aug. 6	295	83	129	2175
Enameling or glazing metallic and other surfaces	W. Atkinson and J. Smith	843,985	Feb. 12	2246		126	2390
Enameling the interior of sheet-metal vessels	A. R. Speer	866,821	Sept. 24	3179	893	130	1092
End-cell switch. Automatic	J. Bijur	844,090	Feb. 12	2434	521	126	2433
End-gate	J. P. Hansen	840,621	Jan. 8	1691	371	126	477
End-gate	J. L. Williams	848,146	Mar. 26	4886	1067	127	1320
End-gate	J. M. Groff	848,240	Mar. 26	5051	1104	127	1363
End-gate	J. F. McKellar	852,673	May 7	615	118	128	160
End-gate	A. G. Quinn	857,302	June 18	3619	766	128	2683
End-gate	E. L. Herndon	861,849	July 30	5484	1512-13	129	1917
End-gate	A. Roberts	864,692	Aug. 27	4066	1129	129	3442
End-gate fastener	D. C. Pasley	851,557	Apr. 23	5697	1193	127	3143
End-gate fastener	L. H. Springer	859,141	July 2	1279	341	129	432
End-gate rod. Wagon	B. Breau	848,004	Mar. 26	4663	1016	127	1265
End-gate. Vehicle	A. Bern	860,437	July 16	3258	891	129	1140
End-gate. Wagon	E. W. Olson	849,263	Apr. 2	1296	263	127	1918
End-gate. Wagon	C. W. Edelblute	859,754	July 9	2212	601	129	770
End-gate. Wagon	G. M. Parsons	863,432	Aug. 13	2106	568	129	2773
End-gate. Wagon	B. L. Wilson	863,479	Aug. 13	2173	587	129	2793
End-gate. Wagon	W. Sward	866,826	Sept. 24	3185	895	130	1094
End-gate. Wagon	W. L. Graham	868,545	Oct. 15	2091	584	130	1995
Endless carrier	I. F. Stewart	861,484	July 30	4921	1351	129	1745
Energy. Generation and distribution of	J. F. Kelly	854,362	May 21	4017	831	126	1100
Engine:							
See Air-cooled engine.	Motive-power engine.						
Beating-engine.	Oil-engine.						
Blowing-engine.	Oil or gas engine.						
Carding-engine.	Oscillating-piston engine.						
Chemical-engine.	Petroleum-engine.						
Combination-engine.	Pneumatic engine.						
Combustion-engine.	Pump-operating engine.						
Compensating direct-acting engine.	Pumping-engine.						
Compound engine.	Reciprocating engine.						
Cycle-engine.	Refining-engine.						
Dental engine.	Rock-drilling engine.						
Direct-acting engine.	Rotary engine.						
Elevator-engine.	Rotary combustion-engine.						
Explosion-engine.	Rotary expansion-engine.						
Explosive-engine.	Rotary explosion-engine.						
Fluid-pressure engine.	Rotary explosive-engine.						
Gas-engine.	Steam-engine.						
Gas and gasolene engine.	Steam or air engine.						
Gas, oil, and like engine.	Steering-engine.						
Gasolene-engine.	Traction-engine.						
Heat-engine.	Triple-expansion engine.						
Hoisting-engine.	Turbine-engine.						
Hot-air engine.	Washing or beating engine.						
Hydrocarbon-engine.	Water-pressure piston-engine.						
Hydropneumatic engine.							
Internal-combustion engine.							
Locomotive-engine.							
Logging-engine.							
Mechanical engine.							
Engine	T. Conlin	841,229	Jan. 15	2896	630	126	825
Engine	A. Ball and T. Officer	842,127	Jan. 22	4670	1002-3	126	1303
Engine	A. Ball	842,128	Jan. 22	4674	1003	126	1304
Engine	I. D. Chritton	842,446	Jan. 29	5406	1145	126	1532
Engine	A. S. Barnes	843,384	Feb. 5	1094	226	126	2067
Engine	C. H. Moore	843,619	Feb. 12	1575	333	126	2221
Engine	A. J. Paige	848,845	Apr. 2	497	97	127	1714
Engine	E. H. Gold	848,985	Apr. 2	746	151-2	127	1778
Engine	G. McDowell	850,953	Apr. 23	4505	942	127	2849
Engine	A. L. and R. Bauer	851,195	Apr. 23	4967	1043-4	127	2963
Engine	D. A. Seyler, Jr.	852,351	Apr. 30	7301	1534	127	3581
Engine	L. Malugen	853,252	May 14	1783	370-1	128	485
Engine	A. Klose	854,896	May 28	5103	1060-1	128	1403
Engine	W. Robertson	856,808	June 11	2678	553	128	2407
Engine	F. Henneböhle	857,802	June 25	4603	975-6	128	2962
Engine	J. M. Stadel	857,842	June 25	4676	992	128	2979
Engine	G. E. Whitney	860,174	July 16	2853	779	129	1009
Engine	W. Germinier	860,461	July 16	3295	900	129	1154
Engine	C. De Mattia	863,594	Aug. 20	2362	646	129	2881

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr:g.	Vol.	Page.
Engine	G. Gray	865,099	Sept. 3	521	144	130	158
Engine	J. Schaeffers	865,213	Sept. 3	682	194-5	130	208
Engine	W. O. Duntley	866,922	Sept. 24	3322	939	130	1137
Engine	C. H. Way	870,001	Nov. 5	206	55	131	74
Engine	C. W. McGonigle	870,308	Nov. 5	685	184	131	224
Engine	W. O. Duntley and G. H. Hayes	871,086	Nov. 12	1933	529-31	131	654
Engine	J. Rothchild	871,634	Nov. 19	3117	773	131	876
Engine attachment. Traction	J. E. Holland	850,835	Apr. 16	4262	895	127	2748
Engine. Balancing locomotive	H. F. Shaw	848,572	Mar. 26	5711	1249	127	1526
Engine base and shaft-bearings therefor. Gas	G. E. Turner and H. C. Fricke	864,049	Aug. 20	3028	837	129	3090
Engine-bearing	W. B. Mason	856,170	June 4	1387	293	128	2043
Engine brake. Traction	A. B. Lathan	849,000	Apr. 2	773	158	127	1784
Engine burner. Explosion	P. McCusker	871,883	Nov. 26	3642	888	131	988
Engine circuit-closer. Explosive	T. A. Bemus	874,289	Dec. 17	4079	860	131	1386
Engine construction. Traction	W. H. Colean	875,324	Dec. 31	6167	1286	131	2278
Engine-controlling apparatus	C. R. Welch	862,687	Aug. 6	977	260	129	2384
Engine-controlling apparatus. Heat	E. P. Noyes	868,358	Oct. 15	1794	506-7	130	1901
Engine-controlling means. Gas	E. Evans	845,732	Feb. 26	5984	1264	126	3394
Engine cooler. Explosive	E. A. Johnston	844,677	Feb. 19	3899	824	126	2830
Engine cooling device	E. B. Harshbarger	857,620	June 25	4237	895	128	2868
Engine cooling device. Combustion	C. E. Duryea	848,886	Apr. 2	583	117	127	1738
Engine cooling system. Internal-combustion	F. G. Hobart and W. W. Gore	869,369	Oct. 29	3400	935	130	2456
Engine coupling. Traction	R. Johnson, Sr.	844,522	Feb. 19	3356	724	126	2703
Engine coupling. Traction	W. F. Brown	854,196	May 21	3726	771	128	1023
Engine crank mechanism. Steam and other	P. N. Jonte	852,960	May 7	1203	248-9	128	306
Engine cylinder. Explosive	J. W. Bigsby and F. W. Barhoff	851,977	Apr. 30	6578	1370	127	3401
Engine cylinder. Explosive	J. W. Bigsby and F. W. Barhoff	851,978	Apr. 30	6579	1370	127	3401
Engine cylinder. Gas	H. Richter	872,306	Nov. 26	4539	1075	131	1126
Engine cylinder. Internal-combustion	H. P. Martin	843,759	Feb. 12	1826	389	126	2285
Engine-cylinder. Jacketed	F. W. Brady	843,068	Feb. 5	446	97	126	1906
Engine-cylinders. Jacketing system for	A. P. Brush	841,846	Jan. 22	4136	891	126	1178
Engine cylinders. Means for cooling explosive	G. P. Norris	842,531	Jan. 29	5578	1180	126	1573
Engine driving mechanism. Paper-refining	E. A. Jones	845,302	Feb. 26	5150	1093	126	3189
Engine driving mechanism. Traction	M. Wilson	839,914	Jan. 1	229	49	126	64
Engine electric igniter. Gas	B. McInerney	859,510	July 9	1836	495	129	648
Engine exhaust-control mechanism. Gas	E. C. Maddox	874,974	Dec. 31	5483	1145	131	2168
Engine fly-wheel	G. W. Schultz	860,336	Feb. 16	3103	848	129	1090
Engine frame. Locomotive	C. T. Westlake and A. R. Thomas	844,765	Feb. 19	4091	872	126	2881
Engine gear. Traction	A. Harrold	850,644	Apr. 16	3921	817-18	127	2664
Engine-house smoke-jack	F. P. Gutelius	843,941	Feb. 12	2175	465	126	2372
Engine igniter. Explosive	E. P. Lamb	849,797	Apr. 9	2310	474	127	2211
Engine igniter. Internal-combustion	F. E. Ream	867,755	Oct. 8	804	227	130	1579
Engine igniting means. Explosive	B. Botkowski	867,696	Oct. 8	710	199	130	1550
Engine ignition apparatus. Explosion	H. C. Royer	847,296	Mar. 12	3138	691	127	823
Engine ignition device. Explosive	J. Stadtherr	855,209	May 28	5728	1192	128	1560
Engine ignition system. Explosion	R. Varley	846,811	Mar. 12	2200	483	127	590
Engine-indicator	T. Davidson	867,953	Oct. 15	1171	323-4	130	1713
Engine-indicator	F. L. Wolfe	868,056	Oct. 15	1335	373	130	1764
Engine indicator. Steam	G. A. Webster	861,490	July 30	4932	1354-5	129	1749
Engine-lathe relieving mechanism	H. Baerbalck	870,759	Nov. 12	1418	385	131	492
Engine lubricating and cooling system	G. A. Weidely	853,288	May 14	1860	386-7	128	505
Engine lubricating means. Internal-combustion	C. O. Hedstrom	865,101	Sept. 3	523	145	130	158
Engine lubricating-oil feed. Reciprocating	F. W. Brady	849,325	Apr. 2	1408	283	127	1946
Engine-lubricator	A. O. Beydler	853,757	May 14	2813	578	128	756
Engine lubricator. Explosive	J. Powell	849,495	Apr. 9	1761	356	127	2073
Engine lubricator. Pneumatic	W. Lewis	841,162	Jan. 15	2774	605	126	794
Engine lubricator. Steam	O. Sanders	842,710	Jan. 29	5985	1262	126	1672
Engine-mount	M. W. Hanks and J. T. Atwood	840,695	Jan. 8	1818	401	126	508
Engine muffler. Explosive	W. M. Brisben	851,490	Apr. 23	5561	1166	127	3110
Engine muffler. Gas	J. B. Hoover	867,973	Oct. 15	1201	332	130	1722
Engine oil suction and collecting apparatus. Steam	C. Orengo	870,579	Nov. 12	1106	303	131	391
Engine or motor	G. Lehberger	851,293	Apr. 23	5184	1088	127	3019
Engine or motor muffler	W. A. Webster	855,913	June 4	920	191	128	1926
Engine regulating apparatus. Heat	S. A. Reeve	861,393	July 30	4773	1305-6	129	1701
Engine regulating apparatus. Internal-combustion	J. E. Aue	867,565	Oct. 8	520	149-50	130	1491
Engine regulating device. Gas	H. S. Molony	844,825	Feb. 19	4203	896	126	2909
Engine regulating device. Internal-combustion	O. Podhajský	875,378	Dec. 31	6268	1308	131	2297
Engine reversing-gear. Gasolene	H. E. Zastrow and J. H. Koepf	854,550	May 21	4368	905	128	1184
Engine reversing-gear. Traction	D. S. Smith	851,448	Apr. 23	5479	1147	127	3092
Engine reversing mechanism. Explosive	L. M. J. C. Levavasseur	846,487	Mar. 12	1545	342-3	127	423
Engine reversing mechanism. Gas	W. A. Hansen	858,281	June 25	5550	1186	128	3201
Engine reversing mechanism. Locomotive and other	C. J. Mellin	852,795	May 7	862	174-5	128	220
Engine reversing-switch. Gas	E. P. Du Pont	868,476	Oct. 15	1978	552	130	1958
Engine spark-controller. Explosive	L. W. Turnbull	848,072	Mar. 26	4771	1041	127	1292
Engine spark-ignition system. Explosion	R. Varley and A. D. Scott	846,809	Mar. 12	2194	482	127	589
Engine spark-ignition system. Explosion	R. Varley	849,820	Apr. 9	2342	481	127	2220
Engine spark-plug. Explosive	A. R. Bullock	844,495	Feb. 19	3286	709	126	2687
Engine spark-producing mechanism. Explosive	L. D. Stamps	855,996	June 4	1066	221-2	128	1963
Engine sparking device. Explosive	W. A. Vause	860,710	July 23	3692	1011	129	1315
Engine sparking device. Explosive	J. S. Elverson	863,369	Aug. 13	2029	548	129	2750
Engine sparking device. Internal-combustion	E. F. Bradley	847,894	Mar. 19	4400	965-6	127	1163
Engine sparking device. Internal-combustion	F. W. Brady	849,769	Apr. 9	2255	463	127	2198
Engine sparking mechanism. Explosion	L. A. Gianoli	874,955	Dec. 31	5445	1138	131	2162
Engine sparking mechanism. Gasolene	H. E. Atwater	849,716	Apr. 9	2158	444	127	2172
Engine sparking mechanism. Internal-combustion	L. S. Cushman	866,001	Sept. 17	1953	545	130	671
Engine sparking plug. Explosion	I. C. Orswell	841,566	Jan. 15	2540	765	126	991
Engine sparking plug. Explosive	W. Diebel	866,631	Sept. 24	2878	813	130	994
Engine sparking plug. Gas	J. F. Thomas and H. J. Bolinski	864,709	Aug. 27	4086	1136	129	3449
Engine speed controller and regulator. Explosive	H. Ford	848,891	Apr. 2	596	118-19	127	1741
Engine speed-regulating device. Explosive	L. W. Witry	862,599	Aug. 6	847	225	129	2347
Engine speed-regulator	C. A. Stickney	844,759	Feb. 19	4074	868-9	126	2876
Engine speed-regulator. Gas	T. Hollnagel	844,359	Feb. 19	3015	644	126	2620
Engine speed-regulator. Internal-combustion	J. Grouvelle and H. Arquembourg	863,916	Aug. 20	2837	780	129	3034
Engine-starter	C. J. Coleman	857,599	June 25	4191	887	128	2856
Engine-starter	C. J. Coleman	867,796	Oct. 8	862	246	130	1598

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Engine-starter.....	C. J. Coleman.....	867,797	Oct. 8	869	247	130	1600
Engine-starter.....	F. L. Orr.....	870,580	Nov. 12	1107	303	131	391
Engine-starter. Automatic.....	W. J. J. O'Dea.....	863,554	Aug. 13	2283	623	129	2826
Engine-starter. Automatic.....	C. J. Coleman.....	867,795	Oct. 8	857	244-5	130	1596
Engine starter. Explosive.....	J. B. Bartholomew.....	864,766	Sept. 3	2	1	130	3
Engine starter. Gas.....	G. C. Hicks, Jr.....	841,149	Jan. 15	2754	601	126	789
Engine starter. Gas.....	R. W. Godfrey.....	867,122	Sept. 24	3631	1031	130	1230
Engine starting-crank. Explosion.....	A. Schlüter.....	846,698	Mar. 12	1970	433	127	531
Engine starting device.....	J. Zillgen.....	863,249	Aug. 13	1861	501	129	2695
Engine starting device. Explosion.....	C. Schmidt.....	847,514	Mar. 19	3588	789	127	965
Engine starting device. Explosion.....	N. T. Harrington.....	852,557	May 7	354	63-4	128	96
Engine starting device. Explosion.....	J. C. Hansen-Ellehammer.....	854,035	May 21	3388	698	128	936
Engine starting device. Internal-combustion.....	F. W. Brady.....	849,324	Apr. 2	1406	282-3	127	1946
Engine starting means. Internal-combustion.....	C. J. Coleman.....	842,627	Jan. 29	5787	1222	126	1624
Engine starting mechanism.....	J. T. Barber.....	874,153	Dec. 17	3799	800	131	1841
Engine starting mechanism. Explosive.....	P. W. Kane.....	843,611	Feb. 12	1552	329	126	2214
Engine starting mechanism. Gas.....	C. G. Herbert.....	846,106	Mar. 5	796	167	127	204
Engine starting mechanism. Hydrocarbon.....	J. O. Hobbs.....	841,780	Jan. 22	3994	862	126	1139
Engine starting mechanism. Hydrocarbon.....	J. Staub.....	855,909	June 4	912	189	128	1924
Engine steering-gear. Traction.....	R. Richardson.....	850,880	Apr. 16	4303	903-4	127	2758
Engine stop mechanism. Steam.....	A. A. Fuller and D. K. Cartter.....	843,528	Feb. 5	1385	292	126	2139
Engine system. Gas.....	J. L. Tate.....	862,677	Aug. 6	958	257	129	2380
Engine system. Steam.....	D. M. Somers.....	842,588	Jan. 29	5684	1203-4	126	1598
Engine tender. Traction.....	G. L. Schmidt.....	840,017	Jan. 1	441	95-6	126	119
Engine tender. Traction.....	R. S. White, Jr.....	842,739	Jan. 29	6050	1275	126	1688
Engine tender. Traction.....	E. Mahr.....	863,546	Aug. 13	2275	620-1	129	2824
Engine-testing device. Explosive.....	H. C. Estep.....	864,412	Aug. 27	3579	995	129	3289
Engine turn-table casting. Locomotive.....	W. H. Wright.....	871,850	Nov. 26	3557	870	131	976
Engine using a mixture of air and steam as a motive fluid. Locomotive and other.....	E. Field.....	860,455	July 16	3286	898-9	129	1149
Engine vaporizer. Explosive.....	H. O. Westendarp.....	858,046	June 25	5112	1082-3	128	3089
Engine vaporizer. Explosive.....	C. I. Longenecker.....	862,083	July 30	5837	1619	129	2023
Engine vaporizer. Gas.....	J. V. Rice, Jr.....	857,111	June 18	3256	685	128	2590
Engine with rotary cylinders.....	M. Bucherer.....	860,899	July 23	3983	1091	129	1410
Engines. Air-cooling system for explosive.....	R. Herman.....	862,250	Aug. 6	227	62	129	2153
Engines. Air-jacket for cylinders of.....	F. Danielson and O. Cronwell.....	859,205	July 9	1376	365	129	494
Engines. Air-supplying means for explosive.....	A. Wagener.....	855,218	Sept. 3	699	198	130	211
Engines and making same. Radiator for explosive.....	J. F. Faries.....	855,239	May 28	5780	1204-5	128	1574
Engines. Antirecoil device for explosive.....	D. H. Reimers.....	848,604	Mar. 26	5779	1261	127	1543
Engines. Antislipping device for traction.....	I. N. Mitchell.....	865,417	Sept. 10	1018	291	130	338
Engines. Apparatus for muffling the exhaust of gas.....	E. Thomson.....	854,778	May 28	4839	1005-6	128	1334
Engines. Automatic alarm and stopping device for.....	D. B. Adams.....	872,039	Nov. 26	4013	963	131	1040
Engines. Automatic stopping device for internal-combustion.....	D. B. Adams.....	867,899	Oct. 8	1040	296	130	1650
Engines. Balling-head for condenser carding.....	W. Stott.....	848,702	Apr. 2	163	34-5	127	1628
Engines. Beating-roll for paper-pulp or other.....	H. Bennett.....	858,256	June 25	5511	1176	128	3192
Engines. Charge-forming device for internal-combustion.....	F. Herbst.....	872,419	Dec. 3	214	41-2	131	1201
Engines. Circuit-breaker for gas.....	F. B. Packwood.....	857,196	June 18	3429	723	128	2634
Engines. Combined starting and retrograde braking mechanism for gasoline.....	S. G. George.....	866,456	Sept. 17	2621	732	130	884
Engines. Cooling explosive.....	A. Cornell and W. J. Swartz.....	841,312	Jan. 15	3070	665	126	868
Engines. Cooling system for internal-combustion.....	G. Green.....	871,797	Nov. 26	3436	843-4	131	958
Engines. Crank case and bearing for explosive.....	H. E. Coffin.....	860,638	July 23	3585	983	129	1282
Engines. Cross-head pin for explosion.....	E. R. Hewitt.....	841,395	Jan. 15	3233	697	126	911
Engines. Device for preventing racing of marine.....	A. J. Maclean.....	863,735	Aug. 20	2555	706	129	2944
Engines. Dust-protector for traction.....	S. Hughes.....	874,962	Dec. 31	5459	1141	131	2164
Engines. Electric sparkler for gas.....	R. P. Ralston.....	841,816	Jan. 22	4073	877	126	1161
Engines. Electric stop for.....	J. K. Wright.....	872,102	Nov. 26	4134	988-9	131	1060
Engines. Electrical ignition mechanism for explosion.....	H. C. Brasier.....	842,617	Jan. 29	5761	1216	126	1618
Engines. Electrical signaling apparatus for.....	G. J. Exterkamp.....	854,344	May 21	3990	824	128	1093
Engines. Electrical sparking device for explosive.....	W. B. Hayden.....	870,954	Nov. 12	1736	475-6	131	593
Engines. Equalizing device for direct-acting.....	O. H. Mueller.....	846,045	Mar. 5	659	139	127	168
Engines. Fair-lead for donkey.....	H. Holmes.....	852,062	Apr. 30	6783	1412	127	3453
Engines. Feed-governor for oil.....	F. G. Hobart.....	846,471	Mar. 12	1518	337	127	415
Engines. Fly-wheel construction for gas.....	A. J. McCollum.....	867,207	Sept. 24	3778	1068	130	1278
Engines. Fuel-feed for hydrocarbon.....	F. T. Cable.....	849,048	Apr. 2	868	177	127	1808
Engines. Gas-explosive device and compressor for reversible.....	C. M. Gay.....	841,859	Jan. 22	4163	897	126	1185
Engines. Hot-head for explosive.....	C. L. Smalley.....	869,528	Oct. 29	3656	1002	130	2534
Engines. Ignition system for explosion.....	R. Varley.....	858,687	July 2	567	147	129	196
Engines. Ignition system for explosion.....	R. Varley.....	858,923	July 2	962	251	129	330
Engines. Ignition system for explosion.....	R. Varley.....	865,668	Sept. 10	1411	400	130	460
Engines. Ignition system for explosion.....	R. Varley.....	866,241	Sept. 17	2304	644	130	2574
Engines. Ignition system for explosion.....	R. Varley.....	869,601	Oct. 29	3784	1035	130	781
Engines. Ignition system for explosive.....	R. Varley.....	861,921	July 30	5581	1542	129	1947
Engines. Incandescent igniter for gas.....	C. A. Anderson, E. A. Erickson, and J. Wickstrom.....	842,607	Jan. 29	5742	1213-14	126	1613
Engines. Induction-coil and box for explosion.....	R. Varley.....	875,472	Dec. 31	6454	1348	131	2327
Engines. Intake device for explosive mixtures in vapor.....	C. P. Hollister.....	873,372	Dec. 10	2216	461	131	1550
Engines. Interheater for compound compressed-air.....	C. B. Hodges.....	868,560	Oct. 15	2109	590	130	2001
Engines. Lead-controlling mechanism for steam.....	W. L. Braman.....	871,471	Nov. 19	2794	703	131	824
Engines. Magneto igniting device for explosive.....	H. de La Valette.....	875,534	Dec. 31	6568	1372	131	2346
Engines. Means for controlling the supply of vapor to internal-combustion.....	F. H. Smith.....	842,261	Jan. 29	4977	1062-3	126	1413
Engines. Mixing device for combustion.....	H. Bonte.....	862,130	Aug. 6	16	5	129	2085
Engines. Mud-lug for wheels of traction.....	P. Totems.....	860,343	July 16	3112	850	129	1092
Engines. Packing for shafts for rotary steam.....	W. E. Ver Planck.....	872,366	Dec. 3	108	20	131	1183
Engines. Piston for internal-combustion or explosion.....	J. Hartoch.....	874,006	Dec. 17	3449	734	131	1793
Engines. Reverse-gear for four-cycle combustion.....	F. T. Flinchbaugh.....	874,177	Dec. 17	3840	809-10	131	1848
Engines. Safety device for starting explosive.....	E. R. Bathrick.....	855,610	June 4	321	66	128	1777
Engines. Single-eccentric reversing-gear for steam.....	S. M. Coffman.....	841,934	Jan. 22	4299	927	126	1215
Engines. Spark-plug for explosive.....	F. W. Brady.....	868,404	Oct. 15	1872	525	130	1926
Engines. Sparking plug for internal-combustion.....	A. E. Lamkin.....	870,369	Nov. 5	802	213	131	262

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Engines. Thermostatic regulator for explosive.....	H. Charles.....	864,831	Sept. 3	107	30	130	35
Engines. Utilizing working fluid in jacketed.....	S. A. Reeve.....	870,585	Nov. 12	1113	304	131	393
Engines. Water-cooling apparatus for gas or gasoline	J. C. McLachlan.....	870,575	Nov. 12	1102	302	131	390
Engines with explosive mixture. Apparatus for supplying explosive.....	C. G. Dean.....	865,767	Sept. 10	1575	444	130	512
Engines. Wrist-pin bearing for.....	W. B. Mason.....	842,847	Jan. 29	6260	1323	126	1739
Engineer's alarm.....	E. McClintock.....	849,157	Apr. 2	1103	222	127	1871
Engineer's wrench.....	M. Schwendner.....	864,805	Sept. 3	62	18	130	22
Engravers' blocks. Pin for.....	J. C. Martin.....	860,553	July 16	3421	940	129	1195
Engraving and die-sinking machine.....	H. Phillips.....	842,697	Jan. 29	5957	1255-7	126	1666
Engraving-machine.....	R. A. Lienhard.....	840,570	Jan. 8	1592	350	126	451
Engraving-machine.....	W. Armstrong.....	841,656	Jan. 22	3733	810-11	126	1071
Engraving-machine.....	E. Bausch.....	873,008	Dec. 10	1473	306	131	1429
Engraving-machine attachment.....	C. A. C. Wagenführ.....	850,550	Apr. 16	3719	777	127	2613
Engraving-machine. Pantographic.....	C. Kuehner.....	864,655	Aug. 27	3995	1109	129	3420
Engraving or carving machine.....	H. M. Albee.....	842,745	Jan. 29	6063	1278	126	1691
Engraving or sinking dies. Machine for.....	J. F. Keller and W. A. Warman.....	862,256	Aug. 6	238	67-70	129	2156
Engravings for use in lithography. Making half-tone	F. W. Sears.....	859,342	July 9	1599	.....	129	571
Entrail-cleaning mechanism.....	H. Hakenholz.....	873,311	Dec. 10	2078	434	131	1528
Envelop.....	J. A. Sherman.....	841,346	Jan. 15	3138	677	126	887
Envelop.....	F. Klousnitzner.....	846,478	Mar. 12	1527	338	127	417
Envelop.....	C. Panek.....	846,504	Mar. 12	1589	352	127	434
Envelop.....	L. B. Myers.....	847,095	Mar. 12	2759	610	127	727
Envelop.....	J. A. Douglas.....	853,070	May 7	1424	297	128	361
Envelop.....	E. F. Brown.....	856,390	June 11	1894	390	128	2209
Envelop.....	M. H. Owens.....	860,410	July 16	3219	880	129	1128
Envelop.....	A. J. Roeder and A. T. Weitershausen.....	861,901	July 30	5553	1532	129	1939
Envelop.....	H. C. Murphy.....	862,651	Aug. 6	919	247	129	2368
Envelop.....	G. W. Bender.....	863,964	Aug. 20	2909	801	129	3054
Envelop.....	W. S. Brown.....	869,162	Oct. 22	3062	845	130	2323
Envelop.....	H. Heffner.....	869,179	Oct. 22	3085	850	130	2330
Envelop.....	W. B. Hawbaker.....	869,363	Oct. 29	3393	933	130	2453
Envelop.....	J. Lord.....	870,974	Nov. 12	1777	484	131	605
Envelop.....	F. D. White.....	872,548	Dec. 3	492	103-4	131	1243
Envelop.....	A. J. Hughes.....	872,730	Dec. 3	872	180	131	1304
Envelop.....	B. Davis.....	873,416	Dec. 10	2291	478	131	1565
Envelop.....	H. L. White and F. J. Rogers.....	874,144	Dec. 17	3782	797	131	1838
Envelop and letter-sheet. Combined.....	A. J. Farmer.....	846,988	Mar. 12	2550	561	127	678
Envelop and letter-sheet. Combined.....	R. C. Ozman.....	866,384	Sept. 17	2527	704	130	852
Envelop and letter-sheet. Combined.....	C. A. W. Westholm.....	873,691	Dec. 10	2815	600	131	1656
Envelop and package-wrap closure.....	R. R. Lawson.....	841,699	Jan. 22	3827	832	126	1097
Envelop-blank cutter. Adjustable.....	C. E. Cathers.....	863,588	Aug. 20	2349	641	129	2876
Envelop-blank-gumming mechanism.....	C. H. Heywood and D. E. Travis.....	873,370	Dec. 10	2209	460-1	131	1549
Envelop-cutting machine.....	O. Freese.....	863,840	Aug. 20	2724	750	129	2998
Envelop-cutting mechanism.....	A. A. Rheutan.....	853,597	May 14	2463	513	128	665
Envelop-fastener.....	E. B. Stimpson.....	860,341	July 16	3109	849	129	1092
Envelop-feeder.....	C. E. Johnson.....	854,826	May 28	40'S	1026	128	1300
Envelop-feeding apparatus.....	F. C. Jenkins.....	868,093	Oct. 15	1382	387-8	130	1777
Envelop-forming machine.....	W. L. Barstow.....	861,425	July 30	4836	1326-8	129	1721
Envelop-machine.....	J. A. Sherman.....	843,707	Feb. 12	1732	369	126	2262
Envelop-machine.....	F. Grant.....	848,099	Mar. 26	4813	1050	127	1303
Envelop-machine.....	C. E. Dulin.....	850,879	Apr. 16	4359	913-14	127	2775
Envelop-machine.....	C. E. Dulin.....	850,880	Apr. 16	4363	914-15	127	2775
Envelop-machine.....	G. W. Swift, Jr.....	854,440	May 21	4172	864-5	128	1138
Envelop-machine.....	G. W. Swift, Jr.....	858,426	July 2	94	26-8	129	33
Envelop-machine.....	L. Marcell.....	860,984	July 23	4125	1130-1	129	1457
Envelop-machine.....	G. W. Swift, Jr.....	866,978	Sept. 24	3406	965-6	130	1163
Envelop-machines. Delivery mechanism for.....	B. Pahlitzsch.....	863,749	Aug. 20	2577	712	129	2951
Envelop-machines. Forming well and plunger for.....	B. Pahlitzsch.....	843,623	Feb. 12	1584	335	126	2223
Envelop-machines. Gumming mechanism for.....	B. Pahlitzsch.....	863,750	Aug. 20	2578	713	129	2952
Envelop-making machine.....	G. W. Dietz.....	845,537	Feb. 26	5597	1185-6	126	3298
Envelop-manufacturing machine.....	M. R. Dünnebier.....	873,520	Dec. 10	2485	524-5	131	1599
Envelop-opener.....	A. D. Ross.....	839,960	Jan. 1	320	70	126	88
Envelop-opener.....	F. M. Coffill.....	840,912	Jan. 8	2258	496	126	617
Envelop-opener.....	C. G. Bauer.....	844,770	Feb. 19	4098	874	126	2882
Envelop opener, moistener, and sealing device. Combined	R. A. Orr.....	863,312	Aug. 13	1941	524	129	2719
Envelop. Pay.....	E. C. Albree.....	863,688	Aug. 20	2486	687	129	2922
Envelop. Post-card.....	J. G. Peppler.....	868,804	Oct. 22	2531	697	130	2159
Envelop. Registry package.....	I. L. King.....	863,724	Aug. 20	2535	700	129	2938
Envelop. Return.....	W. T. Johnson.....	868,273	Oct. 15	1648	465	130	1861
Envelop. Right-angle-triangle letter-sheet.....	A. B. Magoun.....	853,890	May 14	3093	634	128	823
Envelop. Safety.....	G. Cataldi.....	851,117	Apr. 23	4796	1009	127	2921
Envelop. Seal.....	W. H. Reed.....	846,345	Mar. 5	1245	274	127	314
Envelop-sealer.....	H. Richissin.....	870,252	Nov. 5	597	160	131	196
Envelop. Vertical-file expandible.....	M. C. Carnahan.....	847,648	Mar. 19	3883	849	127	1041
Envelops from fraudulent or unauthorized opening. Means for securing	W. Myers.....	870,119	Nov. 5	384	107	131	128
Equalizer.....	P. N. Sayers.....	866,816	Sept. 24	3175	891-2	130	1091
Equalizer. Five-horse.....	E. O. Doak.....	856,193	June 4	1430	302	128	2053
Equalizing and distributing fitting.....	G. W. Clark.....	850,622	Apr. 16	3868	808	127	2649
Equalizing apparatus.....	C. C. Grimes.....	853,081	May 7	1438	301	128	365
Eraser.....	G. Faber.....	840,485	Jan. 8	1416	312	126	408
Eraser.....	E. W. Park.....	845,889	Mar. 5	334	69	127	86
Eraser. Blackboard.....	M. W. Perkins.....	873,327	Dec. 10	2124	443	131	1534
Eraser-cleaner.....	A. Larson.....	856,643	June 11	2379	489	128	2331
Eraser cleaner. Blackboard.....	H. Meyer.....	846,681	Mar. 12	1946	428	127	525
Eraser-cleaning apparatus. Blackboard.....	S. V. Long.....	844,154	Feb. 12	2561	549	126	2466
Eraser-cleaning apparatus. Blackboard.....	S. M. Case.....	874,937	Dec. 31	5394	1127	131	2155
Eraser-cleaning machine.....	G. G. Greene.....	874,400	Dec. 24	4305	906	131	1956
Eraser-holder.....	M. M. Olmstead.....	848,392	Mar. 26	5368	1170	127	1439
Eraser-holder.....	M. F. Creahan.....	865,764	Sept. 10	1572	443	130	512
Eraser. Ink.....	W. H. Jones.....	840,131	Jan. 1	702	150	126	192

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Eraser. Ink-	T. Draper	849,985	Apr. 9	2643	553	127	2295
Eraser-pad cleaner	E. M. McNamara	859,968	July 16	2540	690	129	904
Eraser. Pencil-	B. A. Payson	870,990	Nov. 12	1797	489	131	611
Eraser. Rotatable	O. S. Pugerud	853,994	May 21	3307	680	128	917
Eraser-shield	H. I. Seddon	851,256	Apr. 23	5099	1073	127	2995
Escapement	O. Ohlson	856,091	June 4	1218	258	128	2001
Estimating-machine	E. P. Holmberg	862,822	Aug. 6	1187	320	129	2446
Etching	E. Spitzer	865,276	Sept. 3	780		130	236
Etching plates. Process and apparatus for	F. J. M. Gerland	865,884	Sept. 10	1770	492	130	584
Evaporating apparatus	S. G. Lewis	856,478	June 11	2058	423	128	2250
Evaporating apparatus	A. H. McDonald	872,533	Dec. 3	468	67	131	1230
Evaporating-pan	W. R. Macklind	849,003	Apr. 2	778	158-9	127	1786
Evaporating-pan	W. G. Chamblee	853,398	May 14	2081	432	128	566
Evaporating process	J. A. Just	868,447	Oct. 15	1937	541	130	1945
Evaporator	A. A. Dunham	844,715	Feb. 19	3982	846	126	2850
Evaporator	F. S. Heath	852,435	May 7	49	10	128	16
Evaporator	F. Kleinschmidt	856,262	June 11	1579	331	128	2127
Evaporator	S. G. Lewis	856,479	June 11	2059	424	128	2250
Evaporator	E. Zaremba	870,211	Nov. 5	531	144	131	174
Evener. Four-horse	R. C. and H. R. Harris	865,696	Sept. 10	1465	414	130	477
Evener. Horse-	C. Wendland	843,246	Feb. 5	841	173	126	2007
Evening and grading machine	E. P. Nichols	841,809	Jan. 22	4050	874	126	1154
Excavating and elevating apparatus	F. E. Allen	854,920	May 28	5137	1070	128	1412
Excavating and filling mechanism	W. Z. Laughterback	869,855	Oct. 29	4159	1148-9	130	2684
Excavating and removing material. Apparatus for	A. B. Proal, Jr.	874,865	Dec. 24	5212	1098-9	131	2107
Excavating apparatus	L. A. Désy	844,104	Feb. 12	2469	529-30	126	2442
Excavating apparatus	W. Heffron	858,069	June 25	5168	1094-5	128	3104
Excavating apparatus	W. J. Newman	860,102	July 16	2752	751-2	129	974
Excavating apparatus	J. C. Junkin	867,047	Sept. 24	3520	998-9	130	1198
Excavating apparatus. Power transmission for	W. J. Newman	860,103	July 16	2753	752	129	974
Excavating-bucket	H. Channon	868,595	Oct. 15	2184	610	130	2027
Excavating bucket and cutter	J. Helm	848,743	Apr. 2	248	50	127	1649
Excavating cuts. Method and apparatus for	F. Hill	861,852	July 30	5486	1513-14	129	1918
Excavating-dipper	G. W. King	856,707	June 11	2497	512-13	128	2360
Excavating-dippers. Tooth for	H. J. Barnhart	868,066	Oct. 15	1350	378	130	1768
Excavating for concrete piles, &c.	W. J. Stewart	872,093	Nov. 26	4121	985	131	1058
Excavating-machine	S. Olson	839,949	Jan. 1	302	66	126	83
Excavating-machine	J. Helm	848,742	Apr. 2	243	48-50	127	1648
Excavating-machine	C. G. Page	849,082	Apr. 2	934	191-2	127	1826
Excavating-machine	C. G. Page	849,337	Apr. 2	1434	290-2	127	1953
Excavating-machine	J. D. Buchanan	854,925	May 28	5145	1071-2	128	1414
Excavating-machine	F. J. Lewis	856,965	June 11	2960	620	128	2475
Excavating-machine	R. Russell	861,395	July 30	4790	1312-13	129	1706
Excavating-machine	G. J. Miller	864,180	Aug. 27	3231	896	129	3180
Excavating-machine	R. Dalton	868,912	Oct. 22	2686	742-3	130	2206
Excavating-machine bucket	C. C. Jacobs	851,888	Apr. 30	6386	1333	127	3353
Excavating machine. Gravel-	E. Ulrey	861,200	July 23	4442	1218	129	1560
Excavating machine. Tunnel-	G. W. Jackson	860,301	July 16	3043	834	129	1070
Excavating machines. Cleaner for buckets of	C. C. Jacobs	852,789	May 7	846	169-70	128	216
Excavating machinery	A. R. Grossmith	847,331	Mar. 19	3214	707-8	127	869
Excavating rock tunnels	P. Ford	868,259	Oct. 15	1627	459-60	130	1854
Excavating-scoop	R. Wiles	852,863	May 7	1018	211	128	259
Excavating-shovel	H. Channon	867,947	Oct. 15	1155	318-19	130	1708
Excavating-wheel	F. N. Griffin	865,380	Sept. 10	964	276	130	321
Excavating-wheeler	F. F. Furlough	847,057	Mar. 12	2689	591-2	127	711
Excavator	J. B. Amos	842,746	Jan. 29	6068	1279	126	1692
Excavator	L. V. Springer	844,479	Feb. 19	3257	702-3	126	2679
Excavator	M. D. Rochford	844,959	Feb. 19	4434	947-8	126	2966
Excavator	J. E. Kennedy	846,791	Mar. 12	2152	473-4	127	578
Excavator	A. R. Grossmith	847,330	Mar. 19	3214	707	127	868
Excavator	W. R. Martin	852,131	Apr. 30	6919	1444-5	127	3446
Excavator	H. W. Blaisdell	854,626	May 21	4507	940-1	128	1220
Excavator	O. and W. K. Streng	855,357	May 28	5986	1249-50	128	1626
Excavator	W. R. Martin	857,817	June 25	4631	982	128	2968
Excavator	J. O. Himble	867,270	Oct. 1	61	18-19	130	1333
Excavator	O. Hetlesæter	868,267	Oct. 15	1638	463	130	1853
Excavator	J. P. Farrelly	870,943	Nov. 12	1723	471-2	131	589
Excavator	W. Watson	871,839	Nov. 26	3537	865-6	131	973
Excavator	C. A. Frayer	875,420	Dec. 31	6351	1324	131	2310
Excavator and levee-builder. Combined trench-	C. C. Jacobs	856,404	June 11	1922	395-6	128	2216
Excavator-beam	L. A. Désy	850,356	Apr. 16	3346	697-8	127	2517
Excavator-control power means	J. B. Webber, Jr.	842,734	Jan. 29	6042	1273	126	1686
Excavator or ditch-digging machine	C. C. Jacobs	858,721	July 2	622	162-3	129	215
Excavator-scraper	L. A. Désy	873,734	Dec. 17	2924	620	131	1704
Excavator. Trench-	C. C. Jacobs	852,790	May 7	848	170-1	128	217
Excavators. Boom and rotatable circle for	J. P. Karr and J. D. Rauch	869,092	Oct. 22	2962	818	130	2292
Excavators. Dipper and dipper-handle for	J. P. Karr and J. D. Rauch	874,207	Dec. 17	3916	824-5	131	1860
Excavators. Spud and hoisting-frame for	J. P. Karr and J. D. Rauch	869,438	Oct. 29	3511	964-5	130	2489
Excelsior-cutting machine	W. D. Craig	848,884	Apr. 2	580	116	127	1737
Exchange selector. Automatic-	J. G. Roberts	848,398	Mar. 26	5382	1173-4	127	1442
Exercise-bat	C. E. Kimble	875,273	Dec. 31	6060	1265	131	2265
Exercises. Apparatus for hand gymnastic	A. Krizek	867,981	Oct. 15	1213	335	130	1726
Exerciser for felines	W. E. Smith	848,136	Mar. 26	4873	1064	127	1316
Exerciser. Physical	G. Müller	843,478	Feb. 5	1267	266	126	2110
Exercising and massaging device	A. Murdoch	859,507	July 9	1831	493	129	646
Exercising apparatus	J. H. Kellogg	850,938	Apr. 23	4484	938	127	2843
Exercising apparatus	J. J. Cooper	857,447	June 18	3881	824-5	128	2746
Exercising apparatus	R. E. Patterson	864,188	Aug. 27	3257	902	129	3190
Exercising apparatus	F. Marsland	869,920	Nov. 5	63	19	131	22
Exercising apparatus. Child's	E. Lovell	866,728	Sept. 24	3038	857	130	1049
Exercising apparatus. Electric	A. B. McMillan	852,193	Apr. 30	7023	1466	127	3514
Exercising device	A. Marks	866,495	Sept. 17	2672	748	130	899
Exercising-machine	A. J. Thornley	848,272	Mar. 26	5123	1118	127	1382
Exercising-machine	J. E. Thompson	861,620	July 30	5132	1409	129	1813
Exhaust devices. Suction-mouthpiece for	F. Hecker	855,888	June 4	863	178	128	1912
Exhibiting device. Coin-	A. M. Huntington	870,885	Nov. 12	1614	442	131	554

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Exhibiting hats, bonnets, and the like. Device for	F. W. Nunn.	845,569	Feb. 26	5650	1197	126	3311
Exhibitor. Changeable	R. G. Howard	859,223	July 9	1408	374	129	507
Exhibitor. Changeable	R. G. Howard	859,224	July 9	1410	374	129	508
Exhibitor. Changeable	R. G. Howard	859,225	July 9	1412	375	129	509
Exhibitor. Merchandise	S. Goldberg	857,391	June 18	3783	802	128	2724
Expanding bit	A. E. Swanson	851,783	Apr. 30	6171	1288	127	3286
Expansion-coupling	E. B. Freeman	848,234	Mar. 26	5039	1101	127	1300
Expansion-joint	W. W. Doolittle	853,964	May 21	3255	668	128	903
Expansion-joint	G. W. Hayden	853,974	May 21	3272	672	128	908
Expansion-tube	O. S. Pedersen	858,100	June 25	5234	1110	128	3121
Exploding mines. Wireless receiving apparatus for	F. Schneider	850,972	Apr. 23	4535	949	127	2856
Explosion-engine	J. T. Lagergren	842,468	Jan. 29	5463	1158	126	1548
Explosion-engine	S. A. Reeve	846,508	Mar. 12	1599	355	127	436
Explosion-engine	H. N. Bickerton, H. W. Bradley, and D. Clerk.	855,442	June 4	5	2	128	1696
Explosion-engine	T. G. Wright	858,433	July 2	109	31	129	37
Explosion-engine	J. T. Lagergren	858,726	July 2	632	165	129	218
Explosion-engine	H. Söhnlein	868,301	Oct. 15	1705	481	130	1877
Explosion-motor. Rotary	C. A. Littlefield	846,037	Mar. 5	643	135	127	165
Explosive	A. E. Nienstadt	841,172	Jan. 15	2788	126	798	
Explosive	O. Silberrad	849,925	Apr. 9	2551	127	2273	
Explosive	O. Silberrad	850,119	Apr. 9	2892	127	2355	
Explosive	F. Sparre	850,268	Apr. 16	3171	127	2470	
Explosive	F. Sparre	850,502	Apr. 16	3631	127	2588	
Explosive	F. Sparre	852,142	Apr. 30	6935	127	3490	
Explosive	F. Sparre	852,143	Apr. 30	6936	127	3490	
Explosive	F. E. W. Bowen	857,580	June 25	4162	128	2848	
Explosive	P. A. Kline	858,874	July 2	886	129	305	
Explosive	J. B. Braunstein	868,637	Oct. 22	2261	130	2075	
Explosive	G. W. Gentieu	871,395	Nov. 19	2630	131	799	
Explosive. Ammonium-nitrate	F. Sparre	850,325	Apr. 16	3277	127	2499	
Explosive and making same	F. Sparre	850,326	Apr. 16	3279	127	2500	
Explosive and making same. Ammonium-nitrate metallic	F. Sparre	850,267	Apr. 16	3170	127	2469	
Explosive and making the same. High	F. B. Holmes	861,177	July 23	4401	129	1546	
Explosive charges. Device for inserting	R. Torras	848,512	Mar. 26	5596	1222-3	127	1496
Explosive-engine	J. Eckhard	842,392	Jan. 29	5271	1119	126	1494
Explosive-engine	C. White and A. R. Middleton	842,737	Jan. 29	6046	1274	126	1687
Explosive-engine	C. H. Brooks	846,004	Mar. 5	580	122	127	148
Explosive-engine	C. Schultz	851,779	Apr. 30	6156	1286	127	3292
Explosive-engine	C. E. Maud	856,647	June 11	2384	491	128	2332
Explosive-engine	L. Iversen	858,071	June 25	5171	1096	128	3104
Explosive-engine	L. Paschall	861,763	July 30	5348	1474-5	129	1877
Explosive-engine	F. W. Bacon	862,377	Aug. 6	440	120	129	2224
Explosive-engine	G. Cornilleau	862,448	Aug. 6	575	152	129	2269
Explosive-engine	L. Boudreaux and L. Verdet	863,142	Aug. 13	1687	452-3	129	2641
Explosive-engine	H. C. Fricke and G. E. Turner	864,143	Aug. 20	3178	878	129	3135
Explosive-engine	J. Palmer	864,253	Aug. 27	3346	927-8	129	3217
Explosive-engine	J. J. Leary	864,313	Aug. 27	3436	955	129	3243
Explosive-engine	A. E. Wolcott	864,818	Sept. 3	80	23	130	27
Explosive-engine	H. Charles	864,830	Sept. 3	104	29-30	130	34
Explosive-engine	E. J. Woolf	864,877	Sept. 3	180	51	130	57
Explosive-engine	M. C. Kessler	867,279	Oct. 1	76	23-4	130	1337
Explosive-engine	H. M. Neer	868,689	Oct. 22	2348	651	130	2103
Explosive-engine	W. K. Bassford	868,834	Oct. 22	2573	709-10	130	2171
Explosive-engine	M. Fischer	868,978	Oct. 22	2784	767	130	2237
Explosive-engine	J. D. Anderson	869,611	Oct. 29	3803	1040	130	2579
Explosive-engine	A. G. Griswold	872,342	Dec. 3	51	10	131	1176
Explosive-engine	L. E. Thompson	873,808	Dec. 17	3062	651	131	1728
Explosive-engine	H. Grade	873,857	Dec. 17	3179	677	131	1746
Explosive-engine. Four-cycle	H. Kastrup	860,547	July 16	3414	938	129	1193
Explosive-engine. Revolving-piston	A. Bayer	867,782	Oct. 8	839	240	130	1590
Explosive-heater. Safety	J. Trean	859,154	July 2	1300	346	129	438
Explosive. High	W. S. Winchester	860,509	July 16	3359	129	1174	
Explosive. Nitro-starch	J. B. Braunstein	868,636	Oct. 22	2260	130	2075	
Explosive. Nitro-starch	J. B. Braunstein	868,638	Oct. 22	2261	130	2075	
Explosive. Nitro-starch	J. B. Braunstein	868,760	Oct. 22	2457	130	2136	
Explosive. Nitro-starch	J. B. Braunstein	868,837	Oct. 22	2578	130	2171	
Explosive. Nitro-starch	J. B. Braunstein	869,051	Oct. 22	2904	130	2274	
Explosive. Nitroglycerin	F. J. H. Roewer	853,830	May 14	2960	128	792	
Explosive substances. Apparatus for drying	P. Butler	863,834	Aug. 20	2714	748	129	2995
Explosive substances. System for the utilization of heat and power from highly-	J. D. Tejada	860,583	July 16	3473	954-6	129	1213
Explosive. Waterproof metallic	T. A. Bayliss and H. W. Brownson.	845,678	Feb. 26	5876	126	3367	
Explosives. Electric ignition of	O. J. and A. M. Lodge	869,208	Oct. 22	3129	862	130	2345
Explosives in wells. Apparatus for firing	L. H. Broadwater	855,224	May 28	5749	1198	128	1565
Explosives. Manufacture of	H. C. L. Bloxam	853,056	May 7	1399	128	356	
Explosives of reduced freezing-point. Manufacture of nitroglycerin	O. E. W. Stöhrer	855,595	June 4	287	128	1768	
Explosives. Priming of	L. Lheure	868,876	Oct. 22	2629	727	130	2188
Explosives. Waterproof composition for	F. Sparre	850,266	Apr. 16	3168	127	2469	
Expression-box	E. Lundberg and J. Hattemer	853,814	May 14	2913	599	128	781
Extensible rod	J. E. L. Blackmore	861,352	July 30	4710	1285-6	129	1683
Extension-bracket	J. T. Batts	851,484	Apr. 23	5549	1162-3	127	3107
Extension-table	J. B. Lisee	840,783	Jan. 8	1996	441	126	553
Extension-table	J. F. Jackson	841,529	Jan. 15	3483	752	126	977
Extension-table	W. M. Jost	841,784	Jan. 22	4003	865	126	1141
Extension-table	G. W. Peek	844,616	Feb. 19	3774	796	126	2798
Extension-table	B. G. Foster	848,233	Mar. 26	5034	1100-1	127	1359
Extension-table	M. J. Bowman	851,859	Apr. 30	6338	1322	127	3341
Extension-table	D. P. Rockefeller	853,474	May 14	2223	463	128	603
Extension-table	S. W. Whonn	859,710	July 9	2149	580	129	748
Extension-table	C. E. Nash	860,407	July 16	3215	879	129	1127
Extension-table	C. Inzillilli	863,994	Aug. 20	2946	811-12	129	3065
Extension-table	J. Melisch	867,203	Sept. 24	3775	1066	130	1277

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Extension-table.....	E. A. Fuller.....	868,423	Oct. 15	1896	532	130	1933
Extension-table.....	A. C. Long.....	870,374	Nov. 5	809	214-15	131	265
Extension-table.....	H. F. Holtmann.....	872,424	Dec. 3	227	44	131	1203
Extension-table. Pedestal.....	H. Nonnast and W. Tesar.....	851,307	Apr. 23	5214	1093-4	127	3026
Extensometer.....	W. H. Kenerson.....	869,716	Oct. 29	3961	1092-4	130	2625
Extractor:							
See Bolt-extractor. Nail-extractor.							
Bottle-stopper or cork extractor.	Pen-extractor.						
Bung and cork extractor.	Sap-extractor.						
Cork-extractor.	Sap and gum extractor.						
Gape-worm extractor.	Stopper-extractor.						
Grease-extractor.	Tar-extractor.						
Honey-extractor.	Weed-extractor.						
Ingot-extractor.	Well-tube extractor.						
Eye-cleansing device.....	W. Reeves.....	846,142	Mar. 5	870	182	127	222
Eye-exerciser.....	G. Bullock.....	843,663	Feb. 12	1654	351	126	2242
Eye-guard.....	H. S. Cover.....	850,997	Apr. 23	4576	959	127	2866
Eye-guard.....	H. S. Cover.....	861,504	July 30	4946	1359	129	1754
Eye-guard. Collapsible.....	H. M. Tileston.....	862,421	Aug. 6	519	139	129	2248
Eye-guard. Flexible.....	H. M. Tileston.....	857,689	June 25	4370	923	128	2902
Eye guard or shield.....	H. S. Cover.....	845,696	Feb. 26	5911	1248	126	3376
Eye massage apparatus and medicator combined.....	F. C. Dormont.....	852,827	May 7	927	190	128	236
Eye-protector.....	E. Mirovitch.....	844,952	Feb. 19	4423	945	126	2964
Eye-protector.....	E. Verdeau.....	854,546	May 21	4362	903	128	1183
Eye-shade.....	F. O. Ellis.....	865,484	Sept. 10	1132	321	130	372
Eye-testing instrument.....	P. G. Stormer.....	861,913	July 30	5572	1539	129	1945
Eyebolt bending and swaging machine.....	W. G. Shults.....	869,107	Oct. 22	2979	823	130	2298
Eyeglass attachment for caps and hats.....	J. A. Blackiston.....	862,795	Aug. 6	1132	307	129	2429
Eyeglass bridge-spring.....	L. F. Adt.....	872,319	Dec. 3	1	1	131	1169
Eyeglass-case.....	O. Ducker.....	874,172	Dec. 17	3830	807	131	1847
Eyeglass-clasp. Adjustable.....	A. Hutton.....	858,394	July 2	45	14	129	17
Eyeglass connection.....	S. N. Stone.....	843,972	Feb. 12	2226	476	126	2385
Eyeglass-fastener.....	E. H. Zeller.....	848,715	Apr. 2	192	40	127	1637
Eyeglass-fitting.....	P. Moews.....	843,026	Feb. 5	377	83	126	1887
Eyeglass-fittings.....	G. Moore.....	869,587	Oct. 29	3758	1029	130	2565
Eyeglass-frame.....	W. A. Coates.....	852,929	May 7	1148	236	128	292
Eyeglass-frame.....	R. H. Lewis.....	861,741	July 30	5306	1463	129	1863
Eyeglass-guard.....	E. J. George.....	839,831	Jan. 1	51	12	126	15
Eyeglass-guard.....	D. F. Green.....	853,689	May 14	2666	549	128	719
Eyeglass-guard.....	A. W. Anthoine.....	871,077	Nov. 12	1912	524	131	648
Eyeglass-holder.....	F. J. Thompson.....	851,327	Apr. 23	5251	1101	127	3036
Eyeglass-holder.....	M. E. Driggs.....	852,599	May 7	459	85	128	122
Eyeglass-hook.....	J. Q. Adams.....	873,701	Dec. 17	2835	604	131	1693
Eyeglass-mount.....	A. W. Anthoine.....	863,343	Aug. 13	1989	535-6	129	2736
Eyeglass-mounting.....	N. M. Baker.....	841,919	Jan. 22	4280	922	126	1210
Eyeglass-mounting.....	L. F. Adt.....	849,710	Apr. 9	2148	442	127	2169
Eyeglass-mounting.....	I. Boltan.....	870,079	Nov. 5	321	90	131	107
Eyeglass-mounting.....	L. F. Adt.....	872,211	Nov. 26	4353	1038	131	1096
Eyeglass nose-guard.....	L. F. Adt.....	845,042	Feb. 26	4611	982	126	3049
Eyeglass nose-guard.....	L. F. Adt.....	845,737	Mar. 5	4	1	127	3
Eyeglass nose-guard.....	C. L. Howes.....	865,042	Sept. 3	439	118	130	135
Eyeglass nose-guard.....	L. F. Adt.....	875,233	Dec. 31	5982	1246	131	2252
Eyeglass nose-piece.....	H. L. De Zeng.....	842,181	Jan. 29	4818	1028	126	1375
Eyeglass nose-piece.....	G. Bausch.....	862,789	Aug. 6	1125	305	129	2427
Eyeglass or spectacle case.....	W. E. Birmingham.....	867,100	Sept. 24	3606	1023	130	1222
Eyeglass or spectacle case.....	F. A. Reinhard.....	871,144	Nov. 19	2072	559	131	713
Eyeglass or spectacle mounting.....	E. Clarke.....	844,328	Feb. 19	2953	629	126	2604
Eyeglass-spring.....	M. Gold.....	844,999	Feb. 19	4518	964	126	2987
Eyeglass-spring.....	L. F. Adt.....	848,617	Apr. 2	1	1	127	1585
Eyeglass-spring.....	L. F. Adt.....	872,320	Dec. 3	3	1	131	1169
Eyeglasses.....	J. D. Lewis.....	841,026	Jan. 8	2479	540	126	675
Eyeglasses.....	F. J. Peck.....	841,568	Jan. 15	3544	766	126	992
Eyeglasses.....	R. S. Blair.....	841,614	Jan. 15	3648	792	126	1017
Eyeglasses.....	S. W. Burch.....	842,762	Jan. 29	6092	1285	126	1699
Eyeglasses.....	J. C. Moore.....	843,089	Feb. 5	513	107	126	1925
Eyeglasses.....	P. Peck.....	844,394	Feb. 19	3090	663	126	2637
Eyeglasses.....	A. C. Kintner.....	845,037	Feb. 19	4599	979	126	3008
Eyeglasses.....	A. A. Day.....	850,213	Apr. 16	3078	645	127	2443
Eyeglasses.....	C. E. Mead.....	851,542	Apr. 23	5662	1185	127	3136
Eyeglasses.....	L. L. Mincer.....	855,861	June 4	814	169-70	128	1900
Eyeglasses.....	E. B. Meyrowitz.....	856,080	June 4	1200	354	128	1996
Eyeglasses.....	E. F. McKee and E. Oftedahl.....	856,897	June 11	2836	592	128	2445
Eyeglasses.....	I. M. Schwab.....	858,477	July 2	198	46	129	74
Eyeglasses.....	A. L. Spence.....	861,616	July 30	5128	1408	129	1812
Eyeglasses.....	L. F. Adt.....	862,368	Aug. 6	427	116	129	2219
Eyeglasses.....	G. A. Bader.....	862,432	Aug. 6	546	146	129	2259
Eyeglasses.....	D. Woolf.....	865,284	Sept. 3	797	229	130	239
Eyeglasses.....	L. F. Adt.....	865,982	Sept. 17	1927	540	130	863
Eyeglasses.....	W. L. Breath.....	867,910	Oct. 8	1059	299	130	1656
Eyeglasses.....	G. H. Chapel. (Reissue).....	12,709	Oct. 29	4191	1157	130	2694
Eyeglasses.....	J. M. Webster and C. F. Ingold.....	873,109	Dec. 10	1688	352	131	1464
Eyeglasses.....	L. B. Beck.....	873,342	Dec. 10	2159	451	131	1540
Eyeglasses.....	W. L. Bemis.....	873,343	Dec. 10	2161	451	131	1540
Eyeglasses and spectacles.....	J. D. Harper.....	843,531	Feb. 5	1391	293	126	2141
Eyeglasses. Lens-mounting for.....	G. Bausch.....	862,790	Aug. 6	1127	305	129	2427
Eyeglasses. Nose-guard for.....	G. A. Bader.....	873,339	Dec. 10	2148	448	131	1539
Eyeglasses or spectacles.....	G. F. Applegate.....	861,074	July 23	4257	1167	129	1497
Eyeglasses or spectacles. Mounting for.....	P. Moews.....	857,650	June 25	4288	906	128	2882
Eyeglasses. Reversible.....	I. Fox.....	862,124	Aug. 6	4	2	129	2082
Eyeglasses. Spring-bridge for.....	W. H. Hughes.....	861,825	July 30	5450	1502	129	1907
Eyelet.....	W. H. Parkhurst and A. O. Noyes.....	872,237	Nov. 26	4409	1048	131	1105
Eyelet-stay-joining machine.....	W. H. Parkhurst and A. O. Noyes.....	843,488	Feb. 5	1294	272	126	2116
Eyelet-varnishing machine.....	I. W. Giles and C. W. Tobey.....	858,339	June 25	5667	1210-11	128	3235

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. & G.	Vol.	Page.
Eyelets with a flexible material. Covering.	P. R. Glass	849,605	Apr. 9	1967	402-3	127	2124
Eyeletting-machine.	N. T. Laue, J. C. Collett, M. O. Kepler, and L. Gruber.	867,516	Oct. 1	435	123-4	130	1450
Eyeletting-machine.	G. Goddu	874,669	Dec. 24	4840	1017	131	2044
Eyeletting-tool. Revolving.	W. A. Bernard	869,874	Nov. 5	6	2	131	4
Eye-piece	H. C. Lomb	853,812	May 14	2968	598	128	779
Eyescopes	H. D. Reese	858,213	June 25	5438	1160-1	128	3173
Fabric:							
See Bed-bottom fabric.	Tubular fabric.						
Fence fabric.	Waterproof fabric.						
Float fabric.	Wire fabric.						
Knitted fabric.	Wire-cloth fabric.						
Multiply fabric.	Woven fabric.						
File fabric.							
Fabric.	L. Wertheim	857,968	June 25	4952	1046	128	3049
Fabric.	W. S. Mellen	859,679	July 9	2109	569	129	736
Fabric and garment.	A. J. Cumnock	862,613	Aug. 6	863	231	129	2351
Fabric and rubber material.	C. C. Beebe	846,387	Mar. 5	1327	292	127	335
Fabric-cleansing apparatus. Textile.	A. H. Scroton and W. H. Cannon.	852,804	May 7	882	179	128	225
Fabric containing haircloth. Making	G. Goldman	840,841	Jan. 8	2099		126	577
Fabric-cutting machine.	W. Corman	860,530	July 16	3387	931	129	1184
Fabric-cutting machine.	W. T. Gollidge and R. H. Harry	861,720	July 30	5275	1451	129	1854
Fabric dressing or stiffening apparatus. Pile-	F. E. Kip	848,909	Apr. 2	627	125-6	127	1749
Fabric expanding or stretching apparatus. Textile.	P. W. Kiernan	868,098	Oct. 15	1394	390	130	1782
Fabric feeding and cutting apparatus. Multiple.	H. Zimmerman	847,536	Mar. 19	3637	802	127	979
Fabric folding and stitching machine.	J. A. Shufelt	872,381	Dec. 3	131	24	131	1188
Fabric-forming process.	W. S. Mellen	859,678	July 9	2106	568-9	129	736
Fabric. Means for storing and dispensing sheet.	J. E. Hart	845,950	Mar. 5	456	95	127	117
Fabric opening and stretching apparatus.	W. Birch	844,316	Feb. 19	2934	625	126	2599
Fabric-pressing device.	H. Goodacre	872,930	Dec. 3	1272	272	131	1367
Fabric-reeling machine.	M. J. Fisher	848,981	Apr. 2	739	150	127	1776
Fabric-renovator.	E. L. Abbott	861,627	July 30	5141	1411	129	1817
Fabric-rewinding apparatus.	C. Lichtenstadt	847,418	Mar. 19	3407	745-7	127	918
Fabric-roll protector.	P. Buckborough	874,160	Dec. 17	3811	803	131	1543
Fabric strip-guide. Elastic.	A. H. De Voe	866,006	Sept. 17	1959	547	130	673
Fabric-tester.	R. C. Harris	850,832	Apr. 16	4258	894	127	2747
Fabric-tufting machine.	J. J. Baird	846,717	Mar. 12	2000	440	127	538
Fabrics. Apparatus for applying fluids to.	C. F. Kübler	856,885	June 11	2814	586	128	2440
Fabrics. Applying small quantities of fluids on.	C. F. Kübler	856,886	June 11	2815	586	128	2440
Fabrics. Device for cutting float-threads of.	J. Cunane	843,444	Feb. 5	1191	250-1	126	2089
Fabrics. Device for restoring nap to.	G. B. Dexter	857,038	June 18	3109	656	128	2553
Fabrics. Machine for cutting ribbed.	F. W. Robinson	857,540	June 18	4073	865	128	2798
Fabrics. Machine for producing ornamental surfaces on fleeced.	C. H. French	847,056	Mar. 12	2686	590-1	127	710
Fabrics. Machine for rubbing narrow.	H. Simonin	860,833	July 23	3866	1060	129	1371
Fabrics, paper, &c. Feeding device for textile.	A. and O. Bückmann	847,645	Mar. 19	3876	847	127	1039
Fabrics. Stiffening pile.	F. E. Kip	848,908	Apr. 2	626	125	127	1749
Fabrics. Tension and regulating mechanism for traveling.	J. A. Cameron	847,315	Mar. 19	3179	699-700	127	860
Fabrics. Tool for turning in the ends of tubular.	C. F. Pinkham	863,215	Aug. 13	1797	483	129	2677
Fabrics. Trimming for the edges of.	J. D. Morley	849,693	Apr. 9	2115	435	127	2161
Face. Apparatus for applying dry hot air to the.	W. L. Smith	867,539	Oct. 1	475	136	130	1461
Face-cover.	M. F. Dobbins	860,645	July 23	3597	986	129	1286
Face-guard.	A. J. Paroubek	869,322	July 16	3083	843	129	1083
Factory building.	E. Weston	870,917	Nov. 12	1666	458	131	573
Falling bodies. Apparatus for determining the law of.	J. C. Packard	874,110	Dec. 17	3720	783	131	1826
Fan.	W. A. Tomison	840,594	Jan. 8	1636	359	126	462
Fan.	B. Guggenheim	842,884	Feb. 5	84	19	126	1812
Fan.	J. B. Futrell and T. C. Gaskins.	845,626	Feb. 26	5753	1217	126	3336
Fan.	I. Wakefield	850,609	Apr. 16	3828	799	127	2638
Fan.	O. Selg	853,477	May 14	2227	464	128	604
Fan.	H. E. Johnson	854,359	May 21	4013	830	128	1099
Fan.	C. T. Finkbeiner	856,690	June 11	2463	506	128	2352
Fan.	O. Selg	863,663	Aug. 20	2457	677	129	2912
Fan.	O. Selg	867,680	Oct. 8	688	194	130	1543
Fan.	C. F. Schnoor	872,690	Dec. 3	782	162	131	1291
Fan.	T. M. Mulkerins	873,257	Dec. 10	1966	411	131	1510
Fan.	A. Sakovitch	873,460	Dec. 10	2359	495	131	1578
Fan.	S. Webb and J. Pearson	874,142	Dec. 17	3778	796	131	1837
Fan.	J. H. Pitkin	874,431	Dec. 24	4367	919	131	1966
Fan and eye-protector. Combined.	T. Ritter	855,202	May 28	5714	1189	128	1556
Fan and pump-wheel. Centrifugal.	G. M. Capell	867,874	Oct. 8	997	284	130	1637
Fan and score-card. Combined.	W. Steel	847,522	Mar. 19	3606	795	127	970
Fan and turbine-engine. Centrifugal.	L. J. Wing	864,399	Aug. 27	3560	989-90	129	3283
Fan attachment.	B. A. Breyer	859,913	July 16	2459	669	129	879
Fan attachment.	M. J. Murdoch	866,951	Sept. 24	3368	952	130	1150
Fan attachment for sewing-machines and the like.	J. P. Coleman	851,651	Apr. 30	5912	1235	127	3229
Fan attachment. Motor.	B. Fesenmaier, Jr.	852,055	Apr. 30	6771	1409	127	3450
Fan. Ceiling.	A. Rosenberg	864,265	Aug. 27	3370	937	129	3224
Fan. Ceiling.	C. R. Meston	866,292	Sept. 17	2388	665	130	810
Fan. Centrifugal.	J. Verner	851,457	Apr. 23	5496	1151	127	3096
Fan. Centrifugal.	R. Hancock and R. F. Hall.	860,465	July 16	3299	902-3	129	1155
Fan. Centrifugal.	W. E. Allington	865,962	Sept. 10	1884	528	130	618
Fan. Centrifugal.	L. B. Cousans	873,923	Dec. 17	3290	703-4	131	1766
Fan. Draft-producing.	L. Myers	840,230	Jan. 1	893	192-3	126	241
Fan. Electric.	F. Diehl and A. F. Becker	867,914	Oct. 8	1062	301	130	1657
Fan. Electric.	W. C. McChord, Jr.	871,729	Nov. 19	3274	810	131	905
Fan-hanger.	M. E. McBee	847,096	Mar. 12	2760	610	127	727
Fan-motor.	S. C. Baucum	843,432	Feb. 5	1173	246	126	2085
Fan-motor. Ceiling.	T. H. Pither	874,430	Dec. 24	4364	918-19	131	1966
Fan-motor. Rotary.	W. C. Stevens	865,133	Sept. 3	564	158	130	171
Fan-motor. Spring-operated.	L. Myers	840,231	Jan. 1	896	194	126	242
Fan. Pneumatic.	C. Kuderer	874,212	Dec. 17	3923	827	131	1861
Fan. Power.	J. C. Stine	874,805	Dec. 24	5098	1074	131	2087
Fan. Pressure.	J. Keith	847,585	Mar. 19	3738	820-1	127	1002
Fan. Rotary.	J. W. Harding	851,660	Apr. 30	5925	1239	127	3236

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Fan. Rotary	J. R. Robinson	866,887	Sept. 24	3269	920	130	1120
Fan. Rotary	C. E. Campbell	871,672	Nov. 19	3179	788-9	131	887
Fan. Spring-	D. Roberti	866,388	Sept. 17	2531	705	130	853
Fan-support	M. Scott	859,181	July 2	1338	355	129	452
Fan-supporting base. Electric	W. F. Phelps	863,214	Aug. 13	1795	483	129	2677
Fan. Turbine-	L. J. Wing	864,400	Aug. 27	3561	990	129	3283
Fan. Ventilating-	L. L. Holladay	850,226	Apr. 16	3105	649	127	2451
Fan-ventilator	J. W. Miller	868,206	Oct. 15	1543	438	130	1826
Fans. Oscillating device for motor-driven	H. S. Brown	857,787	June 25	4569	966	128	2953
Fanning-mill	M. D. Collis	856,226	June 11	1505	317	128	2107
Fancy-work frame	C. Sander	843,495	Feb. 5	1307	275	126	2120
Fare and distance indicators. Means for operating	O. Kuntzen	867,887	Oct. 8	1012	289	130	1642
Fare-box. Change-giving	D. G. McKenzie	851,303	Apr. 23	5207	1092-3	127	3024
Fare-indicator	C. Mascart	856,891	June 11	2821	588	128	2442
Fare-indicator	B. Schneider	867,609	Oct. 8	587	167	130	1513
Fare-indicator	H. Dünhölder	868,767	Oct. 22	2463	681	130	2138
Fare-indicator	H. Dünhölder	868,849	Oct. 22	2595	713	130	2177
Fare-indicator	B. Schneider	870,387	Nov. 5	830	219-21	131	273
Fare indicator. Cab-	C. Mascart	872,188	Nov. 26	4298	1026	131	1089
Fare-indicators. Transmission-gear for	H. Dünhölder	868,766	Oct. 22	2464	681	130	2138
Fare-register	C. E. Gierding	841,084	Jan. 8	2598	569	126	705
Fare-register	W. L. Lightford	842,475	Jan. 29	5471	1159	126	1550
Fare-register	W. L. Lightford	842,476	Jan. 29	5474	1159	126	1550
Fare-register	O. N. Moore	845,882	Mar. 5	314	63-5	127	81
Fare-register	W. I. Ohmer, D. B. Whistler, and J. E. McAllister.	848,262	Mar. 26	5091	1112-14	127	1372
Fare-register	W. W. Burleson	849,047	Apr. 2	865	177	127	1807
Fare-register	A. O. Schmolinski	852,849	May 7	969	200-2	128	247
Fare-register	W. I. Ohmer	867,592	Oct. 8	567	160-1	130	1507
Fare-register	J. F. Ohmer and E. H. Bridenbaugh.	872,537	Dec. 3	476	99	131	1240
Fare-register	J. F. Ohmer	874,424	Dec. 24	4354	916-17	131	1964
Fare-register-actuating mechanism	A. O. Schmolinski	844,692	Feb. 19	3928	831	126	2838
Fare register and recorder	W. I. Ohmer, A. J. Kirchner, and J. W. Hill.	847,808	Mar. 19	4206	920-6	127	1117
Fare-register attachment.	J. R. Scott	867,085	Sept. 24	3585	1017	130	1216
Fare registers and recorders. Operating mechanism for	D. B. Whistler	842,045	Jan. 22	4516	971	126	1266
Fare registers and recorders. Variable gearing for.	D. B. Whistler	849,303	Apr. 2	1367	275	127	1936
Farm-gate	H. E. Williams	845,026	Feb. 19	4579	975	126	3002
Farm-gate	S. D. Beum	848,222	Mar. 26	5016	1096	127	1354
Farm-gate	M. A. Stickley	859,626	July 9	2020	545	129	708
Farm-gate	M. Loomis	860,926	July 23	4021	1101	129	1422
Farm-gate	D. O. Myatt	866,155	Sept. 17	2188	609	130	744
Farm-gate	A. M. Stork	867,318	Oct. 1	135	41	130	1355
Farm-gate	J. W. Price	874,436	Dec. 24	4373	920	131	1968
Farm-gate	C. F. Wilsey	874,472	Dec. 24	4427	934	131	1978
Farm-gate	W. A. Crawford	875,326	Dec. 31	6171	1286	131	2279
Farm implement	L. E. Hull	848,306	Mar. 26	5210	1137	127	1403
Farm implement. Motor-driven	M. O. Sandberg	847,026	Mar. 12	2626	577-8	127	696
Farm-rack. Combination	H. M. Morrill and F. A. Randall	858,347	June 25	5683	1215	128	3238
Farrier's knife	D. R. Baldwin	850,720	Apr. 16	4057	848	127	2696
Farrier's knife	C. A. Smith	859,258	July 9	1457	389	129	524
Farrier's tool	W. W. Lyons	855,111	May 28	5545	1152	128	1513
Fascine. Cellulated	D. Neale	855,585	June 4	271	55	128	1765
Fastener	A. F. Randall	847,295	Mar. 12	3137	690	127	822
Fastener	P. H. Long	856,480	June 11	2061	424	128	2250
Fastener	L. J. Franklin	858,275	June 25	5540	1184	128	3198
Fastener	C. H. Goodwin	866,016	Sept. 17	1975	550	130	677
Fastener	F. I. Davis	866,341	Sept. 17	2463	688	130	831
Fastener	E. B. Stimpson	867,441	Oct. 1	315	92	130	1411
Fastener	J. Senn	871,528	Nov. 19	2925	730	131	843
Fastener	D. W. Palmer	871,620	Nov. 19	3089	767	131	872
Fastener	A. U. Bright	872,221	Nov. 26	4375	1041	131	1100
Fastener. Metallic	G. W. McGill	857,749	June 25	4490	947	128	2933
Fastener. Separable	W. B. Murphy	845,473	Feb. 26	5490	1162	126	3271
Fastener. Separable	S. Hainsfurther	848,899	Apr. 2	612	121-2	127	1745
Fasteners. Machine for making steel	G. L. Crouse	863,155	Aug. 13	1705	458	129	2646
Fasteners or clamps. Apparatus for making metal	T. Remus	860,248	July 16	2970	811	129	1046
Fastening-clamp	S. I. Feinberg	869,236	Oct. 29	3177	875	130	2385
Fastening device	E. A. Reeves	842,492	Jan. 29	5506	1165	126	1558
Fastening device	J. W. Bosche	845,748	Mar. 5	34	7	127	12
Fastening device	M. L. Martinez	846,678	Mar. 12	1942	427	127	524
Fastening device	W. Billingsley	849,041	Apr. 2	854	175	127	1805
Fastening device	J. J. O'Connell	850,599	Apr. 16	3813	796	127	2636
Fastening device	F. H. Keys	851,173	Apr. 23	4920	1035	127	2953
Fastening device	F. Duby	851,226	Apr. 23	5041	1061	127	2981
Fastening device	F. Heisdorf	853,638	May 14	2559	530	128	690
Fastening device	F. Raupach	855,337	May 28	5053	1242	128	1617
Fastening device	W. D. Forsyth	862,898	Aug. 13	1303	354	129	2517
Fastening device	F. H. Richards	867,302	Oct. 1	110	34	130	1348
Fastening device	C. E. Cashmore	869,059	Oct. 22	2917	804	130	2278
Fastening device	M. F. MacNelly	873,063	Dec. 10	1597	334	131	1449
Fastening device	J. Senn	873,271	Dec. 10	1989	416	131	1515
Fastening device. Separable	J. A. Lewis	860,679	July 23	3644	998	129	1302
Fastening devices. Stud member of stud-and-socket	F. S. Carr	872,796	Dec. 3	992	206	131	1325
Fastening-hook	B. Knothe	854,746	May 28	4769	990	128	1317
Fastening means	N. B. Stone	840,395	Jan. 1	1236	270	126	324
Fastening means	G. O. Olson	847,359	Mar. 19	3286	721	127	885
Fastening means	A. L. White	873,692	Dec. 10	2816	600	131	1656
Fastening. Separable	W. B. Murphy	847,291	Mar. 12	3129	689	127	820
Fastenings. Machine for inserting	L. A. Casgrain	864,951	Sept. 3	293	78-9	130	94
Fastenings. Machine for inserting metallic	C. H. Smith	853,742	May 14	2778	571	128	748
Fat and other substances. Machine for cutting	E. E. Motter	862,927	Aug. 13	1337	365	129	2529
Fat-cutting machine	E. H. Bump	851,614	Apr. 23	5815	1215	127	3174
Fat-cutting machine	E. E. Motter	873,256	Dec. 10	1963	410-11	131	1510

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Fatty compounds for use as turkey-red oils. Manufacturing	A. Schmitz	861,397	July 30	4793	129	1707
Fatty matter. Manufacture of easily-emulsifiable	E. Wörner	864,219	Aug. 27	3298	.....	129	3203
Faucet	O. Müller	840,860	Jan. 8	2143	474	126	587
Faucet	J. Wares and A. Holman	844,065	Feb. 12	2394	513	126	2424
Faucet	J. C. Wright	844,226	Feb. 12	2715	579	126	2507
Faucet	I. Raphael	845,260	Feb. 26	5042	1073	126	3161
Faucet	J. W. Horth	846,920	Mar. 12	2422	532	127	645
Faucet	J. A. Desrosiers	848,088	Mar. 26	4794	1046	127	1298
Faucet	J. J. Fitzgibbon and J. M. Travis	850,916	Apr. 23	4440	928	127	2834
Faucet	C. Duerst	854,635	May 21	4522	944	128	1223
Faucet	G. C. Brown	862,879	Aug. 13	1275	346	129	2510
Faucet	G. W. Tribbey	863,953	Aug. 20	2893	796	129	3050
Faucet	A. Koerber, Jr., E. M. and M. Deiller.	865,111	Sept. 3	537	149-50	130	163
Faucet	A. Ullmann	865,216	Sept. 3	694	197	130	209
Faucet	W. H. Swift	865,451	Sept. 10	1075	307	130	356
Faucet	W. S. Cooper	865,568	Sept. 10	1276	361	130	417
Faucet	J. W. Grantland	873,538	Dec. 10	2527	533	131	1605
Faucet	E. C. Fleischman and J. F. Jennings.	874,755	Dec. 24	5017	1057	131	2072
Faucet and strainer. Combined	R. B. Disbrow	868,255	Oct. 15	1617	457	130	1850
Faucet attachment	J. Fleury	866,121	Sept. 17	2139	595	130	729
Faucet. Beer	F. E. Brueckner	856,220	June 11	1494	315	128	2104
Faucet. Combined hot and cold water	A. Johnson	870,438	Nov. 5	903	244	131	296
Faucet for beer and other carbonated beverages	R. W. Taylor	874,876	Dec. 24	5236	1103	131	2110
Faucet. Liquid measuring and registering	W. M. Davison	845,531	Feb. 26	5586	1183	126	3296
Faucet. Measuring	C. W. Bauman	871,253	Nov. 19	2303	602	131	750
Faucet-protector	G. H. Körner	867,663	Oct. 8	665	188	130	1535
Faucet. Self-closing	C. Bergmann	851,487	Apr. 23	5558	1165	127	3110
Faucet. Self-closing	W. M. Bashlin	852,155	Apr. 30	6952	1452	127	3494
Faucet. Self-closing	I. Newell	862,009	July 30	5709	1584	129	1987
Faucet. Water	W. G. Rowell	842,017	Jan. 22	4466	960	126	1254
Faucets. Automatic shut-off for	J. C. Wright	856,667	June 11	2425	500	128	2342
Faucets. Cut-off for	J. W. Collins	846,780	Mar. 12	2138	469	127	574
Feather-drying machine	E. Eismann	872,917	Dec 3	1253	268	131	1364
Feathers into down. Apparatus for converting	W. H. Robinson	847,371	Mar. 19	3306	726-7	127	890
Fecal matter and purification of residual liquids. Apparatus for the automatic destruction of	V. Bordigoni	853,217	May 14	1720	357	128	467
Feed and litter carrier	H. L. Ferris	862,460	Aug. 6	600	159-60	129	2277
Feed and litter carrier	H. L. Ferris	866,269	Sept. 17	2353	653-4	130	797
Feed. Apparatus for making molasses	S. L. Fraser	854,159	May 21	3644	754	128	999
Feed apparatus. Intermittent	B. Baron	855,039	May 28	5380	1117-18	128	1472
Feed. Automatic boiler	M. L. Phipps	850,314	Apr. 16	3263	680	127	2496
Feed-bag	W. H. Robinson	843,552	Feb. 5	1443	304	126	2153
Feed-bag	A. M. Schappa	843,967	Feb. 12	2217	474	126	2383
Feed-bag	G. P. Drueck, Jr.	846,985	Mar. 12	2546	560	127	678
Feed-bag	A. G. May	853,103	May 7	1475	308	128	373
Feed-bag	A. B. Hamilton	853,875	May 14	3044	626	128	811
Feed-bag	S. F. Mainster and F. E. Wilson	855,194	May 28	5702	1187	128	1553
Feed-bag	K. H. Cressman	864,615	Aug. 27	3946	1095	129	3404
Feed-bag	J. M. Darrow	870,818	Nov. 12	1516	413-14	131	525
Feed-bag for horses	H. E. Locke and W. A. Scott	875,194	Dec. 31	5912	1232	131	2240
Feed-box	E. Dawson	866,113	Sept. 17	2131	593	130	726
Feed-box	R. S. Smith	845,982	Mar. 5	530	110	127	137
Feed-box	I. L. Ross	863,653	Aug. 20	2445	672	129	2909
Feed-box for poultry	F. G. Allen	852,211	Apr. 30	7059	1475	127	3522
Feed-box. Metallic	H. M. Thayer	839,905	Jan. 1	207	45	126	58
Feed-box. Metallic	H. M. Thayer	846,067	Mar. 5	717	149	127	183
Feed-boxes. Time-operated mechanism for	J. W. Cable	861,161	July 23	4380	1202	129	1539
Feed-chopper	J. F. Raymond	871,736	Nov. 19	3289	814	131	907
Feed-cutter	A. T. Sheward	851,321	Apr. 23	5240	1098	127	3033
Feed-cutter attachment	L. E. Rice	864,691	Aug. 27	4065	1129	129	3442
Feed-gage	L. E. Tait	846,630	Mar. 12	1860	408	127	504
Feed-grinders. Power attachment for	L. B. McCargar	858,464	July 2	150	40	129	50
Feed-hopper. Poultry	H. A. Nourse	855,526	June 4	158	31	128	1734
Feed mechanism	H. Hansen	861,723	July 30	5279	1452-3	129	1856
Feed mechanism for steam-boilers. Chemical and water	R. H. Fetta	856,948	June 11	2922	612	128	2464
Feed-operating mechanism	H. L. Jeffries	848,553	Mar. 26	5659	1239	127	1512
Feed-rack	J. S. Smith	870,694	Nov. 12	1300	356	131	457
Feed-rack, feed-trough, and animal-pen. Combined	W. J. Tolle	872,032	Nov. 26	4000	960	131	1038
Feed receptacle or bag	C. H. Avey	856,756	June 11	2587	531	128	2384
Feed-regulating mechanism. Boiler	W. Loudon	848,476	Mar. 26	5524	1204	127	1480
Feed-regulator	G. Halliday	844,124	Feb. 12	2498	536	126	2450
Feed-regulator	C. Brent	858,567	July 2	343	85	129	123
Feed-regulator	D. de Saint Vaulry	866,603	Sept. 17	2830	794	130	946
Feed-regulator	H. J. Averbek	872,635	Dec 3	666	138-9	131	1272
Feed-roll	G. W. Drew	865,575	Sept. 10	1286	364	130	420
Feed-table. Work-reversing	H. C. Shaw and V. Chartener	841,459	Jan. 15	3346	722-3	126	940
Feed-trough	G. D. Koehler	856,164	June 4	1378	290	128	2040
Feed-trough	J. C. Wagner	861,922	July 30	5583	1542	129	1948
Feed-trough	C. W. Leonard	869,441	Oct. 29	3517	966	130	2491
Feed-trough. Automatic	C. W. Griswold	855,568	June 4	232	46	128	1755
Feed-trough for poultry	C. E. Baese	856,564	June 11	2224	457	128	2291
Feed-water, &c. Apparatus for testing	J. L. Fitts	848,733	Apr. 2	227	45	127	1645
Feed-water-controlling apparatus	J. E. L. Ogden	850,045	Apr. 9	2734	574	127	2316
Feed-water distributing-pan mechanism	J. M. Lynch	872,299	Nov. 26	4525	1072	131	1123
Feed-water heater	H. G. Miller	839,867	Jan. 1	126	30-1	126	36
Feed-water heater	J. E. Proctor	840,252	Jan. 1	928	203	126	252
Feed-water heater	O. L. Stump, J. Reidenbaugh, and E. D. Packard.	840,523	Jan. 8	1488	329	126	426
Feed-water heater	J. Dodge	841,674	Jan. 22	3764	817	126	1079
Feed-water heater	M. K. Bowman	843,791	Feb. 12	1883	404	126	2300
Feed-water heater	T. J. Kieley and F. T. Mueller.	844,026	Feb. 12	2320	496	126	2407
Feed-water heater	G. W. Wright and P. W. Casey	850,707	Apr. 16	4038	844	127	2692

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Feed-water heater.....	S. J. Logan and D. V. Richardson.	851,099	Apr. 23	4773	1003	127	2915
Feed-water heater.....	T. Y. Stewart.....	852,466	May 7	166	29	128	50
Feed-water heater.....	R. C. Stevens.....	855,486	June 4	86	18	128	1717
Feed-water heater.....	W. Griesser.....	856,141	June 4	1330	278	128	2028
Feed-water heater.....	S. A. Morgan.....	861,667	July 30	5196	1427	129	1832
Feed-water heater.....	M. L. Cable.....	861,949	July 30	5631	1561	129	1964
Feed-water heater.....	G. Curran.....	865,875	Sept. 10	1757	490	130	580
Feed-water heater.....	T. M. Monahan.....	869,212	Oct. 22	3133	863	130	2346
Feed-water heater.....	C. Stickle.....	870,060	Nov. 5	292	81	131	99
Feed-water heater.....	J. W. Jantzen.....	871,801	Nov. 26	3443	845-6	131	959
Feed-water heater and purifier.....	G. H. Zschech.....	852,487	May 7	201	37	128	59
Feed-water heater and purifier.....	W. H. Berry.....	869,375	Nov. 5	6	2	131	4
Feed-water heater for locomotives.....	R. Burns.....	840,108	Jan. 1	630	136	126	166
Feed-water heater for steam-boilers. Direct-contact.	G. Wilkinson.....	865,842	Sept. 10	1717	477	130	569
Feed-water-heating means.....	J. Fournia.....	842,777	Jan. 29	6124	1292	126	1705
Feed-water purifier.....	C. Timmerman.....	845,723	Feb. 26	5963	1260	126	3389
Feed-water purifier.....	J. S. Clarke.....	849,328	Apr. 2	1414	285	127	1948
Feed-water purifier.....	G. S. Garrett.....	854,160	May 21	3646	754-5	128	1000
Feed-water-purifying apparatus. Steam-boiler	J. Jorgensen.....	861,989	July 30	5686	1578	129	1980
Feed-water regulator.....	T. Keenan.....	844,873	Feb. 19	4292	916	126	2931
Feed-water regulator.....	P. W. Gooch.....	847,762	Mar. 19	4113	898	127	1094
Feed-water regulator.....	L. Westcott.....	849,301	Apr. 2	1364	275	127	1935
Feed-water regulator.....	G. R. Rakestraw.....	861,536	July 30	4997	1371	129	1770
Feed-water regulator.....	R. Manning.....	863,299	Aug. 13	1923	520	129	2713
Feed-water regulator.....	J. E. Wallace.....	843,722	Feb. 12	1757	374	126	2268
Feed-water regulator for boilers. Automatic.	A. C. Bottger.....	851,914	Apr. 30	6440	1344	127	3367
Feed-water strainer for locomotives.....	E. Valentini.....	841,471	Jan. 15	3372	729	126	947
Feeder.....	A. Rees.....	848,492	Mar. 26	5553	121	127	1487
Feeder and waterer. Poultry.....	J. H. Murray.....	852,286	Apr. 30	7182	1508	127	3552
Feeder. Automatic boiler.....	F. B. Platt.....	857,827	June 25	4646	985	128	2972
Feeder. Automatic stock.....	F. V. Croshier.....	867,221	Sept. 24	3802	1073	130	1287
Feeder. Boiler.....	J. F. Senter.....	843,706	Feb. 12	1730	368	126	2261
Feeder. Boiler.....	J. F. Senter.....	856,548	June 11	2182	449-50	128	2280
Feeder. Boiler.....	J. F. Senter.....	864,807	Sept. 3	64	18-19	130	23
Feeder. Boiler.....	W. J. Jeffries.....	874,080	Dec. 17	3673	772-3	131	1817
Feeder for pigeons, squabs, or birds.....	C. Wentzien.....	861,005	July 23	4165	1141	129	1469
Feeder or conveyer.....	N. B. Converse.....	860,128	July 16	2788	761	129	986
Feeder. Pigeon.....	J. R. Elliott.....	865,773	Sept. 10	1582	446-7	130	515
Feeder. Poultry.....	Z. Xevers.....	846,175	Mar. 5	924	195-6	127	235
Feeder. Poultry.....	W. O. Rogers.....	851,320	Apr. 23	5238	1098	127	3032
Feeder. Salt.....	P. J. Tjossem.....	841,283	Jan. 15	3660	653	126	849
Feeder. Stock.....	G. J. Stein.....	849,169	Apr. 2	1124	227	127	1876
Feeders. Protective means for parallel	C. W. Stone.....	853,655	May 14	2596	539	128	700
Feeding and tension mechanism.....	B. W. Scott.....	870,199	Nov. 5	514	140-1	131	168
Feeding and watering device for poultry and animals.	J. B. Jones.....	866,472	Sept. 17	2645	738-9	130	890
Feeding and watering device. Poultry.....	A. A. and G. F. Conrad.....	843,664	Feb. 12	1655	351	126	2242
Feeding apparatus for boilers.....	E. Nashold.....	862,271	Aug. 6	268	77	129	2165
Feeding apparatus. Stock.....	E. McGlinchay.....	874,980	Dec. 31	5493	1147	131	2170
Feeding apparatus. Time-controlled stock.....	W. R. and J. W. Tarte.....	868,227	Oct. 15	1578	448	130	1838
Feeding, cleaning, and elevating apparatus. Com- bined.....	E. B. Anderson.....	844,842	Feb. 19	4237	904	126	2918
Feeding device.....	G. Halliday.....	860,371	July 16	3154	862	129	1107
Feeding device.....	S. S. Davis.....	861,271	July 30	4578	1249-50	129	1641
Feeding device.....	F. Mueller.....	867,288	Oct. 1	90	27-8	130	1341
Feeding device for horses. Slow.....	C. E. Seymour.....	854,850	May 28	4983	1036-7	128	1371
Feeding device. Poultry.....	F. W. Ruggles.....	870,849	Nov. 12	1555	427-8	131	536
Feeding device. Stock.....	A. W. Harvey.....	841,864	Jan. 22	4174	899	126	1188
Feeding-machine.....	R. E. Woodson, W. B. Knight, and J. Nilson.....	842,601	Jan. 29	5731	1211	126	1610
Feeding-machine. Automatic.....	A. H. Nilson.....	867,404	Oct. 1	263	77-8	130	1393
Feeding mechanism.....	A. Shedlock.....	840,023	Jan. 1	458	100	126	124
Feeding mechanism.....	G. W. Donning.....	840,203	Jan. 1	833	183-4	126	222
Feeding mechanism.....	F. G. Jahn.....	856,346	June 11	1777	370-1	128	2177
Feeding mechanism.....	F. G. Jahn.....	856,347	June 11	1781	371	128	2178
Feeding mechanism.....	A. Shedlock.....	863,105	Aug. 13	1627	438	129	2621
Feeding mechanism.....	O. Ashton.....	873,338	Dec. 10	2145	447-8	131	1538
Feeding or medicine cup.....	C. A. Tatum.....	860,501	July 16	3348	918	129	1171
Feeding-trough.....	H. W. Lineweaver.....	840,003	Jan. 1	399	87	126	108
Feeding trough. Measuring stock.....	J. E. Kirstein.....	863,071	Aug. 13	1567	423	129	2604
Feeding trough. Stock.....	S. N. Boyd.....	843,792	Feb. 12	1885	404	126	2300
Felly and tire. Auxiliary.....	C. Buckland.....	856,027	June 4	1120	233	128	1977
Felly for vehicle-wheels.....	W. S. Plummer.....	857,200	June 18	3433	724	128	2635
Felly. Wheel.....	H. Pataud.....	858,015	June 25	5055	1069-70	128	3074
Fence.....	H. T. Harper.....	842,197	Jan. 29	4851	1035	126	1383
Fence.....	H. Greene and H. A. Krepsky.....	843,744	Feb. 12	1793	382	126	2277
Fence.....	J. E. Tyler.....	853,846	May 14	2988	614	128	798
Fence.....	J. R. McFall.....	859,239	July 9	1431	380	129	516
Fence.....	J. L. Mackey.....	862,262	Aug. 6	256	73	129	2161
Fence.....	C. I. Saunders.....	867,759	Oct. 8	807	228	130	1580
Fence.....	E. Barth.....	874,154	Dec. 17	3800	801	131	1841
Fence. Barbed-wire.....	T. J. Barnes.....	867,338	Oct. 1	172	50	130	1364
Fence-bench.....	S. L. Bailey.....	851,112	Apr. 23	4791	1007	127	2920
Fence builder. Wire.....	W. S. Hazelton.....	849,390	Apr. 9	1545	313	127	2018
Fence-clamping device. Wire.....	J. A. Clements.....	868,644	Oct. 22	2269	628	130	2077
Fence clip. Wire.....	M. Howard.....	851,937	Apr. 30	6506	1356	127	3382
Fence construction.....	J. S. and T. Hohulin.....	871,698	Nov. 19	3223	798	131	895
Fence construction. Iron.....	J. B. Lindenschmidt.....	853,810	May 14	2904	597	128	778
Fence construction. Wire.....	E. W. Cornell.....	840,113	Jan. 1	636	138	126	168
Fence fabric. Wire.....	W. Grimm.....	863,060	Aug. 13	1531	415-16	129	2591
Fence-gate.....	P. Mast.....	843,161	Feb. 5	655	138	126	1960
Fence-gate.....	A. L. Weston.....	863,244	Aug. 13	1853	499	129	2693
Fence-guard.....	W. Trost.....	861,559	July 30	5038	1383	129	1785
Fence lock. Wire.....	I. R. Hill.....	854,946	May 28	5181	1079	128	1423
Fence-machine.....	J. S. Barnes.....	847,721	Mar. 19	4024	880	127	1075
Fence-machine.....	E. W. Channell.....	850,343	Apr. 16	3319	691-3	127	2510
Fence-machine.....	H. R. Oberholtzer.....	853,028	May 7	1351	281-2	128	343

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Fence-machine	R. Kirkwood and J. W. Kimberling.	875,185	Dec. 31	5894	1229	131	2237
Fence-machine equalizer. Wire.....	S. S. Withington.....	854,616	May 21	4490	936	128	1215
Fence-machine spacing apparatus. Wire.....	R. S. Showalter.....	859,126	July 2	1250	335	129	422
Fence machine. Wire.....	A. F. Backlin.....	848,526	Mar. 26	5617	1228-9	127	1502
Fence machine. Wire.....	C. A. and I. D. Blume.....	850,617	Apr. 16	3845	803-5	127	2643
Fence machine. Wire.....	I. N. Morford.....	851,955	Apr. 30	6541	1363	127	3392
Fence machines. Crimping mechanism for wire.....	J. A. Cocker. (Reissue).....	12,656	May 28	6132	1282	128	1660
Fence machines. Feed mechanism for wire.....	P. Frantz.....	849,672	Apr. 9	2085	428-9	127	2154
Fence machines. Magazine for wire.....	O. S. Sturtevant.....	842,980	Feb. 5	269	59	126	1857
Fence-making machine.....	E. Dial.....	849,057	Apr. 2	891	182-3	127	1815
Fence-making machine.....	W. F. Volkenant.....	853,660	May 14	2606	540-1	128	703
Fence-making machine. Wire.....	J. E. Fredrick.....	845,170	Feb. 26	4868	1032-4	126	3118
Fence-making machine. Wire.....	G. L. Langer.....	866,146	Sept. 17	2173	605-6	130	740
Fence or dike.....	J. W. Humphrey.....	850,519	Apr. 23	5617	1177	127	3124
Fence. Ornamental.....	J. Forster.....	854,479	May 21	4240	877	128	1155
Fence-picket.....	D. B. McKenzie.....	874,420	Dec. 24	4349	915	131	1963
Fence-post.....	L. D. Ewing.....	840,124	Jan. 1	688	147	126	188
Fence-post.....	E. B. Harris.....	840,622	Jan. 8	1692	371	126	477
Fence-post.....	H. P. Morse.....	841,036	Jan. 8	2497	543-4	126	679
Fence-post.....	N. J. Schaefer.....	841,055	Jan. 8	2534	553	126	688
Fence-post.....	T. E. Jones.....	841,532	Jan. 15	3487	753	126	978
Fence-post.....	J. W. Hamilton and W. Gwinnup.....	841,777	Jan. 22	3987	860	126	1138
Fence-post.....	W. N. Reynolds.....	842,811	Jan. 29	6177	1305	126	1718
Fence-post.....	A. Bowers.....	843,436	Feb. 5	1179	248	126	2087
Fence-post.....	M. C. Wix.....	843,511	Feb. 5	1349	283	126	2129
Fence-post.....	E. E. Edwards.....	845,399	Feb. 26	5336	1132	126	3232
Fence-post.....	A. J. Caldwell.....	845,612	Feb. 26	5722	1212	126	3329
Fence-post.....	P. J. Harrah.....	846,202	Mar. 5	977	208	127	248
Fence-post.....	W. Petersen.....	848,847	Apr. 2	503	98	127	1716
Fence-post.....	D. C. Petrie.....	848,921	Apr. 2	642	129	127	1752
Fence-post.....	J. E. Wright.....	850,082	Apr. 9	2813	589	127	2337
Fence-post.....	E. D. Miner.....	850,773	Apr. 16	4147	867	127	2718
Fence-post.....	G. G. Seymour.....	851,445	Apr. 23	5476	1146	127	3092
Fence-post.....	A. C. Davis.....	852,421	May 7	22	5	128	8
Fence-post.....	R. C. Glasco.....	852,555	May 7	351	63	128	96
Fence-post.....	J. S. Grassfield.....	856,138	June 4	1325	277	128	2027
Fence-post.....	M. Ruggles.....	857,835	June 25	4659	989	128	2975
Fence-post.....	G. H. Kaufman.....	858,345	June 25	5679	1213	128	3238
Fence-post.....	W. H. Crum.....	858,372	July 2	17	7	129	7
Fence-post.....	F. C. Rawley.....	858,829	July 2	820	213	129	283
Fence-post.....	J. W. Hagans.....	859,623	July 9	1990	536	129	699
Fence-post.....	N. W. Hoskins.....	859,882	July 9	2409	655	129	831
Fence-post.....	S. M. Reese.....	860,246	July 16	2969	811	129	1046
Fence-post.....	A. M. Weatherly, Sr.....	861,924	July 30	5585	1543	129	1948
Fence-post.....	C. H. Myers.....	862,928	Aug. 13	1338	365	129	2530
Fence-post.....	E. W. Kerner.....	866,478	Sept. 17	2651	741	130	892
Fence-post.....	J. H. Graham.....	866,857	Sept. 24	3224	906	130	1106
Fence-post.....	J. H. Fitzgibbon.....	870,352	Nov. 5	760	203	131	250
Fence-post.....	G. I. Gargett.....	870,554	Nov. 12	1073	292	131	379
Fence-post.....	C. Lemere.....	874,213	Dec. 17	3924	827	131	1861
Fence-post.....	C. S. Beebe.....	875,039	Dec. 31	5614	1172	131	2189
Fence-post and fastening device therefor. Metallic.....	R. Mattice.....	852,235	Apr. 30	7097	1485	127	3533
Fence-post and line-wire fastener therefor. Cement.....	W. M. Gibbs.....	870,162	Nov. 5	443	122	131	145
Fence-post and socket therefor.....	W. L. Welch.....	849,299	Apr. 2	1362	274	127	1934
Fence post and stay.....	M. M. Wickham.....	845,498	Feb. 26	5531	1172	126	3282
Fence-post base.....	H. L. Fell.....	839,829	Jan. 1	47	11	126	14
Fence-post base.....	W. B. Woodruff.....	864,218	Aug. 27	3297	914	129	3202
Fence-post brace.....	A. A. Callais.....	842,078	Jan. 22	4576	983	126	1279
Fence-post brace.....	A. H. Fetzer.....	855,624	June 4	348	71	128	1783
Fence-post. Cement.....	B. F. Gibler.....	842,454	Jan. 29	5421	1150	126	1536
Fence-post. Cement.....	S. Landes.....	846,798	Mar. 12	2171	477	127	583
Fence-post. Cement.....	J. G. Trimble.....	863,118	Aug. 13	1650	442	129	2629
Fence-post. Cement.....	W. W. Stout.....	874,453	Dec. 24	4397	927	131	1973
Fence-post. Combination cement and metal.....	G. G. Schroeder.....	847,516	Mar. 19	3591	791	127	966
Fence-post. Combination cement and metal.....	G. G. Schroeder.....	847,612	Mar. 19	3806	833	127	1022
Fence-post. Composite.....	J. Stoneburner.....	862,355	Aug. 6	401	110	129	2208
Fence-post. Composite.....	E. T. Silvius.....	862,522	Aug. 6	709	191	129	2306
Fence-post-making machine.....	R. L. Dennison.....	841,644	Jan. 15	3697	804-5	126	1030
Fence-post-making machine.....	G. Falk.....	844,306	Feb. 12	2894	615	126	2550
Fence-post-making machine.....	R. L. Dennison.....	853,069	May 7	1419	296	128	359
Fence-post. Metal.....	O. A. Wilson.....	847,141	Mar. 12	2832	625	127	746
Fence-post. Metallic.....	W. D. McAtlin.....	866,048	Sept. 17	2027	566	130	693
Fence-post. Metallic.....	C. Colvin.....	869,231	Oct. 29	3171	873	130	2383
Fence-post mold.....	J. B. Engstrom.....	841,080	Jan. 8	2588	567	126	703
Fence-post or telephone-pole.....	J. R. Roach.....	856,725	June 11	2533	520	128	2370
Fence-post. Plastic.....	H. P. Libhart.....	874,513	Dec. 24	4546	954	131	1992
Fence post. Portable wire.....	W. B. Stambaugh.....	874,804	Dec. 24	5098	1074	131	2087
Fence-post-setting tool.....	W. Hunter.....	844,726	Feb. 19	4005	853	126	2856
Fence-post. Steel.....	J. P. Lavoie.....	870,443	Nov. 5	908	246	131	297
Fence-posts and railway-ties. Manufacturing of.....	H. M. Shellabarger.....	840,263	Jan. 1	958	208	126	259
Fence-posts. Land-anchor for.....	A. T. Shafer.....	861,543	July 30	5014	1377	129	1778
Fence-posts. Machine for forming metallic.....	P. J. Harrah.....	856,864	June 11	2775	577-8	128	2429
Fence-posts. Reinforcement for cement.....	E. R. Stowell.....	855,999	June 4	1072	223	128	1965
Fence-shear. Multiple.....	R. W. Ney.....	866,050	Sept. 17	2030	566-7	130	694
Fence-stay.....	T. M. Price.....	841,177	Jan. 15	2796	610	126	800
Fence-stay. Wire.....	W. R. Allyn.....	848,585	Mar. 26	5732	1254	127	1531
Fence-stretcher.....	M. E. Johnson.....	848,375	Mar. 26	5340	1162	127	1432
Fence-stretcher. Wire.....	W. B. Marshall.....	874,855	Dec. 24	5187	1093	131	2104
Fence structure.....	N. B. Dixon.....	873,353	Dec. 10	2174	454	131	1543
Fence-tie.....	E. J. Powerfind.....	868,635	Oct. 22	2259	626	130	2075
Fence-tie.....	G. Prarie.....	871,438	Nov. 19	2727	689	131	813
Fence tie. Wire.....	C. Hendershott.....	851,807	Apr. 30	6224	1298	127	3310
Fence tie. Wire.....	C. B. Conant.....	852,420	May 7	21	5	128	8
Fence tie. Wire.....	W. M. Dillon.....	856,339	June 11	1760	366	128	2173
Fence tie. Wire.....	G. R. Mills.....	870,571	Nov. 12	1098	301	131	388

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Fence tightener. Wire.....	L. H. Beltzer.....	850,612	Apr. 16	3833	801	127	2640
Fence-tool.....	J. L. Albin.....	855,549	June 4	208	40	128	1749
Fence-tool. Wire.....	R. L. Warren.....	848,943	Apr. 2	675	136	127	1760
Fence-weaving machine. Wire.....	C. A. Willmarth.....	847,533	Mar. 19	3626	800	127	975
Fence-weaving machine. Wire.....	L. W. Showalter.....	862,669	Aug. 6	947	254	129	2376
Fence. Wire.....	J. Fisher.....	845,072	Feb. 26	4676	993	126	3066
Fence. Wire.....	E. Branch.....	847,462	Mar. 19	3496	765	127	941
Fence. Wire.....	W. M. Dillon.....	856,039	June 4	1137	239	128	1981
Fence. Wire.....	A. F. Elsey.....	860,083	July 16	2734	745	129	968
Fence. Wire.....	J. B. Schneider.....	866,227	Sept. 17	2283	638	130	775
Fence. Wire.....	P. C. Hargis.....	867,037	Sept. 24	3507	995	130	1194
Fence. Wire.....	G. L. Langer.....	873,318	Dec. 10	2100	439	131	1531
Fence-wire clamp.....	S. F. Webb.....	862,298	Aug. 6	324	90	129	2184
Fence-wire clamp.....	J. M. Woods.....	866,900	Sept. 24	3285	925	130	1124
Fence-wire-stretching device.....	E. E. Ostlund.....	860,318	July 16	3074	841	129	1081
Fence-wire tightener.....	H. Broome and C. J. Bowlus.....	874,934	Dec. 31	5388	1126	131	2155
Fence. Woven-wire.....	I. J. Young.....	847,871	Mar. 19	4340	952	127	1151
Fences. Clamp for stretchers for stretching.....	A. G. Lefler.....	852,842	May 7	955	196	128	243
Fences. Concrete post and adjustable fastener for wire.....	A. J. Taylor.....	858,231	June 25	5471	1167	128	3182
Fences with bars of all description. Machine for the manufacture of wire-netting or latticed.....	J. Peignon.....	870,901	Nov. 12	1641	449-51	131	563
Fencing-fastener.....	J. H. Wiest.....	867,458	Oct. 1	346	100	130	1420
Fencing-fastener for concrete posts. Wire.....	E. U. Down.....	869,137	Oct. 22	3024	835	130	2310
Fencing-machine.....	W. B. Sorrells.....	875,559	Dec. 31	6609	1382	131	2354
Fencing-stretcher. Wire.....	B. F. Stuart.....	872,387	Dec. 3	142	27	131	1190
Fencing-stretching device. Wire.....	W. M. Owen.....	871,693	Nov. 19	3088	767	131	872
Fencing tie. Wire.....	W. H. Shierson.....	840,164	Jan. 1	759	165	126	206
Fencing tie. Wire.....	E. E. Tobias.....	843,123	Feb. 5	583	123	126	1943
Fencing tie. Wire.....	C. T. Collar.....	845,032	Feb. 19	4592	977	126	3007
Fencing tie. Wire.....	B. E. Tobias.....	845,381	Feb. 26	5305	1126	126	3226
Fencing tie. Wire.....	E. E. Tobias.....	861,621	July 30	5134	1409	129	1814
Fencing tie. Wire.....	B. E. Tobias.....	861,622	July 30	5135	1409	129	1814
Fencing. Wire.....	G. S. MacLeod.....	850,308	Apr. 16	3247	676	127	2491
Fender.....							
See Automobile-fender.	Harvester-fender.						
Car-fender.	Locomotive-fender.						
Car-wheel fender.	Plow-fender.						
Clod-fender.	Vehicle-fender.						
Grain-fender.	Wheel-fender.						
Grate-fender.							
Fender.....	S. D. Oharra.....	842,004	Jan. 22	4442	955	126	1249
Fender.....	J. R. Plauk.....	847,108	Mar. 12	2778	614	127	731
Fender.....	J. E. Palmer.....	853,728	May 14	2756	567	128	742
Fender.....	L. L. Tackitt.....	860,423	July 16	3235	885	129	1132
Fender.....	J. A. Sage.....	869,738	Oct. 29	3994	1103-4	130	2635
Fender.....	W. H. Peters.....	872,449	Dec. 3	270	55-6	131	1211
Fender-adjuster.....	P. D. Wells.....	872,395	Dec. 3	156	30	131	1192
Fender-support.....	D. McCausland.....	844,459	Feb. 19	3203	691	126	2666
Ferro-molybdenum. Manufacture of.....	H. W. C. Annable.....	852,920	May 7	1135	.....	128	289
Ferro-vanadium. Producing.....	F. M. Becket.....	866,562	Sept. 17	2763	.....	130	925
Ferro-vanadium. Producing.....	E. F. Price.....	875,208	Dec. 31	5923	.....	131	2244
Ferrochromium. Manufacture of.....	H. W. C. Annable.....	869,681	Oct. 29	3912	1077	130	2612
Ferrosilicon. Producing.....	E. F. Price.....	861,224	July 23	4481	1229	129	1572
Ferrous carbonate. Making.....	A. Flügge.....	842,452	Jan. 29	5419	.....	126	1535
Ferruginous blende. Treating.....	W. M. Johnson.....	868,345	Oct. 15	1772	.....	130	1896
Ferrule. Adjustable.....	L. A. Cantwell.....	858,439	July 2	117	32	129	39
Ferrule attachment for handles.....	S. Sparks.....	853,566	May 14	2405	501	128	651
Ferry. Aerial.....	S. B. Harding.....	842,457	Jan. 29	5441	1152-3	126	1542
Ferry-gate.....	W. J. Donovan.....	859,489	July 9	1807	485-6	129	639
Fertilizer.....	F. G. Dokkenwadel.....	853,919	May 14	3154	.....	128	839
Fertilizer and lime distributor.....	J. M. Early.....	848,540	Mar. 26	5637	1234-5	127	1507
Fertilizer and making same.....	C. Ellis.....	847,749	Mar. 19	4087	.....	127	1089
Fertilizer-distributor.....	W. A. Freeman.....	842,194	Jan. 29	4845	1034	126	1381
Fertilizer-distributor.....	G. T. Vaughn.....	842,924	Feb. 5	166	38	126	1832
Fertilizer-distributor.....	H. T. Young.....	843,512	Feb. 5	1350	283-4	126	2130
Fertilizer-distributor.....	S. K. Dennis and F. W. Rice.....	846,188	Mar. 5	950	201-2	127	241
Fertilizer-distributor.....	C. B. Rozar.....	846,623	Mar. 12	1845	406	127	499
Fertilizer-distributor.....	S. K. Dennis and F. W. Rice.....	847,323	Mar. 19	3199	703-4	127	864
Fertilizer-distributor.....	N. F. Hancock.....	853,692	May 14	2671	550	128	720
Fertilizer-distributor.....	N. H. Bloom.....	858,698	July 2	582	151-2	129	201
Fertilizer-distributor.....	R. Love.....	859,456	July 9	1756	470	129	623
Fertilizer-distributor.....	E. N. Camp.....	862,708	Aug. 6	1003	269	129	2392
Fertilizer-distributor.....	D. M. Samuelson.....	864,863	Sept. 3	160	45	130	50
Fertilizer-distributor.....	J. T. Gantt.....	866,455	Sept. 17	2619	732	130	883
Fertilizer-distributor.....	S. K. Dennis and F. W. Rice.....	867,019	Sept. 24	3477	984-5	130	1186
Fertilizer-distributor.....	L. A. Keene and M. R. Pharis.....	867,278	Oct. 1	75	23	130	1337
Fertilizer-distributor.....	J. M. Bishop.....	872,553	Dec. 3	509	106	131	1245
Fertilizer-distributor.....	P. F. Hill and J. E. Coleman.....	873,236	Dec. 10	1918	402	131	1503
Fertilizer-distributor.....	W. Zachow.....	873,823	Dec. 17	3090	659-61	131	1733
Fertilizer-distributor.....	J. J. Jones.....	874,205	Dec. 17	3913	824	131	1859
Fertilizer-distributor.....	O. T. Little.....	875,539	Dec. 31	6579	1374	131	2345
Fertilizer-distributor.....	J. R. Ayers.....	875,564	Dec. 31	6616	1384	131	2358
Fertilizer-distributor and plow. Combined.....	J. B. Corsbie.....	840,437	Jan. 1	1311	289	123	463
Fertilizer-distributor. Hand.....	W. S. Morgan.....	856,485	June 11	2069	425	128	2252
Fertilizer from leather scrap. Making.....	E. J. Fuchs.....	841,501	Jan. 15	3443	.....	126	968
Fertilizer or seed distributor.....	A. Benton.....	861,631	July 30	5148	1413	129	1819
Fertilizer-spreader.....	J. O. Linden.....	844,374	Feb. 19	3041	649-51	126	2626
Fertilizer-spreader.....	W. S. Hayden.....	856,147	June 4	1343	281-2	128	2032
Fertilizer-spreader.....	J. O. Linden.....	868,789	Oct. 22	2503	690-1	130	2150
Fetter. Animal.....	B. Hollinshead.....	871,406	Nov. 19	2651	677	131	802
Fiber. Apparatus for obtaining pure.....	P. H. Minck.....	867,286	Oct. 1	87	27	130	1340
Fiber-cleaning machine.....	J. Garcia.....	858,337	June 25	5649	1209	128	3226
Fiber-cleaning machine.....	J. Garcia.....	858,338	June 25	5652	1210	128	3226
Fiber-cleaning machine.....	A. W. Montgomery.....	859,504	July 9	1827	492	129	645
Fiber-cleaning machine.....	J. F. Farias.....	859,755	July 9	2213	601-2	129	770

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Fiber-cleaning machine.....	C. G. Sargent.....	868,944	Oct. 22	2741	757	130	2224
Fiber-decorticating machine. Manila.....	C. E. Dailey.....	863,906	Aug. 20	2826	777	129	3030
Fiber digester. Wood.....	G. H. Mallam.....	850,384	Apr. 16	3397	711	127	2529
Fiber dishes. Machine for press-forming.....	F. W. Waterman.....	843,854	Feb. 12	2000	429	126	2328
Fiber, &c. Machine for decorticating Manila.....	C. E. Dailey.....	857,386	June 18	3775	798	128	2722
Fiber-mixer.....	E. Tyden.....	852,474	May 7	181	32	128	55
Fiber. Production of brown shades on the.....	H. Schmid.....	863,761	Aug. 20	2598	.....	129	2958
Fiber-separating machine.....	V. A. de Perini.....	870,838	Nov. 12	1541	423	131	532
Fiber strands. Machine for making.....	W. R. Green.....	870,067	Dec. 31	5662	1181-2	131	2198
Fiber-treating apparatus. Textile.....	R. G. Campbell.....	856,029	June 4	1122	233-5	128	1978
Fiber tubes. Machine for making vulcanized.....	T. Hansen.....	868,555	Oct. 15	2104	588-9	130	1999
Fiber. Vegetable.....	B. S. Summers.....	864,574	Aug. 27	3880	.....	129	3386
Fiber vessel.....	J. J. Shea. (Reissue).....	12,616	Mar. 12	3154	694	127	826
Fibers from the pulp and extraneous matter of plants and trees. Machine for separating.....	E. Behrendt.....	868,525	Oct. 15	2055	577-8	130	1981
Fibers from the pulp and other extraneous matter of plants and trees. Machine for separating.....	E. Behrendt.....	868,396	Oct. 15	1861	522	130	1923
Fibers from the pulp of plants and trees. Machine for separating.....	E. Behrendt.....	868,526	Oct. 15	2061	579	130	1983
Fibers. Machine for working or dressing textile.....	A. Mellor and J. Villy.....	865,512	Sept. 10	1176	334-7	130	388
Fibers. Preparing.....	T. G. Saxton.....	845,267	Feb. 26	5066	1077	126	3169
Fibers with liquids and gases. Apparatus for treating textile.....	J. O. Obermaier.....	849,635	Apr. 9	2021	414	127	2138
Fibrous composition. Vulcanized.....	J. W. Kumph.....	860,751	July 23	3757	.....	129	1335
Fibrous material and separating dust therefrom. Apparatus for grading.....	E. Slade and J. B. Clearihue.....	869,742	Oct. 29	4002	1106	130	2637
Fibrous-material drier.....	C. E. T. Scribner.....	841,056	Jan. 8	2535	553	126	689
Fibrous material. Retting or degumming.....	C. R. Rogers.....	864,565	Aug. 27	3863	1072	129	3380
Fibrous material. Saturating.....	J. A. Dubbs.....	862,454	Aug. 6	585	.....	129	2272
Fibrous-material separator.....	W. S. Osborne.....	853,513	May 14	2316	480-1	128	628
Fibrous or elastic material. Sheet of.....	C. Wissenbach.....	862,528	Aug. 6	724	194	129	2310
Fibrous-stock feeder.....	S. W. Woodbury.....	843,126	Feb. 5	590	124-5	126	1946
Fiddle.....	E. M. Wood.....	863,246	Aug. 13	1855	500	129	2694
Fifth-wheel.....	H. B. Knight and G. M. Cogswell.....	855,954	June 4	984	205	128	1941
Fifth-wheel.....	J. A. Grasberger.....	857,052	June 18	3141	661	128	2563
Fifth-wheel.....	W. A. Schleicher.....	863,660	Aug. 20	2451	674	129	2911
Fifth-wheel.....	C. A. Walter.....	872,591	Dec. 3	577	120	131	1256
Fig-bars and similar articles. Machine for cutting.....	A. S. Cairncross.....	869,057	Oct. 22	2915	803	130	2277
Figure for projecting balls or the like. Mechanical.....	H. O. and J. O. Roberts.....	872,371	Dec. 3	114	21	131	1184
Filament and process. Incandescent.....	E. McOuatt and H. W. F. Lorenz.....	869,013	Oct. 22	2844	.....	130	2256
Filament for incandescent lamps.....	E. McOuatt and H. W. F. Lorenz.....	869,012	Oct. 22	2843	783	130	2255
Filament-forming apparatus.....	M. Waddell.....	849,822	Apr. 9	2345	482	127	2220
Filament-forming apparatus.....	M. Waddell.....	849,870	Apr. 9	2458	504-5	127	2250
Filaments and films from viscose. Manufacture of.....	C. N. Waite.....	849,823	Apr. 9	2348	.....	127	2221
Filaments from nitrocellulose. Manufacture of artificial silk.....	C. Bottler.....	866,768	Sept. 24	3098	.....	130	1068
Filaments of metamorphosed cellulose, &c. Apparatus for forming.....	M. Waddell.....	846,879	Mar. 12	2338	515-16	127	625
Filaments out of viscose or similar viscous material. Forming.....	C. A. Ernst.....	863,793	Aug. 20	2650	.....	129	2975
File.....	E. G. Dow.....	849,774	Apr. 9	2267	466	127	2201
File.....	F. A. Williams.....	855,826	June 4	744	154	128	883
File.....	D. Johnson.....	856,881	June 11	2807	585	128	2438
File.....	H. Getaz.....	858,171	June 25	5363	1140-1	128	3153
File.....	F. N. Gilbert.....	860,798	July 23	3824	1048	129	1359
File.....	B. N. Scott.....	866,391	Sept. 17	2534	706	130	854
File.....	J. C. Dawson.....	869,426	Oct. 29	3494	958	130	2484
File and cabinet. Bill.....	G. F. Arvedson.....	858,365	July 2	7	3	129	5
File. Arch.....	W. O. Gottwals.....	873,537	Dec. 10	2525	533	131	1605
File. Bill.....	E. Plourde.....	846,946	Mar. 12	2477	546	127	659
File. Bill.....	E. W. Kruse.....	849,139	Apr. 2	1076	215	127	1864
File. Bill.....	R. Rubens.....	868,811	Oct. 22	2539	699-700	130	2161
File. Bill.....	A. Morehouse.....	870,244	Nov. 5	583	156	131	190
File-box.....	A. L. Weis.....	849,298	Apr. 2	1360	274	127	1934
File-box.....	T. A. Walsh.....	873,473	Dec. 10	2386	503	131	1583
File-cabinet.....	S. T. Walton.....	846,881	Mar. 12	2344	516	127	627
File-cabinet.....	D. F. Greenawait.....	856,862	June 11	2772	576-7	128	2428
File-cabinet.....	B. H. Jeffers.....	861,186	July 23	4417	1212	129	1551
File-clip.....	W. M. Ellett and R. M. Vick.....	844,339	Feb. 19	2974	635	126	2609
File-cutting machine.....	J. Béché.....	849,361	Apr. 9	1487	302	127	2002
File. Document.....	R. P. Johnston.....	872,657	Dec. 3	714	148	131	1280
File-drawer.....	L. M. Nielsen.....	859,831	July 9	2326	632	129	807
File. Druggist prescription.....	I. Hotaling and W. A. Jacobs.....	871,089	Nov. 12	1941	531-2	131	657
File. Flexible.....	H. E. Harkin.....	863,389	Aug. 13	2054	555	129	2758
File for papers.....	E. Stebbings.....	858,115	June 25	5258	1116	128	3126
File. Letter.....	J. J. Dettwyler-Brüderlin.....	851,870	Apr. 30	6359	1326	127	3346
File. Locking.....	W. G. Nethery.....	854,303	May 21	3915	807	128	1073
File. Newspaper.....	B. McGinty.....	864,982	Sept. 3	350	94	130	110
File or holder for sales-slips, &c.....	J. F. Huber.....	845,417	Feb. 26	5368	1139	126	3241
File. Order.....	D. A. Huffman.....	841,525	Jan. 15	3477	750	126	976
File. Paper.....	C. F. McBee.....	852,288	Apr. 30	7184	1509	127	3553
File. Paper.....	C. Spiro.....	863,462	Aug. 13	2148	586	129	2785
File. Paper.....	L. A. Cranston.....	864,083	Aug. 20	3075	849	129	3104
File. Paper.....	G. Garney.....	874,758	Dec. 24	5021	1058	131	2073
File-pocket. Vertical.....	A. Bushnell, Jr.....	867,789	Oct. 8	850	243	130	1594
File, temporary binder, loose-leaf book, and the like.....	J. Walker, Jr.....	857,371	June 18	3747	793	128	2714
Filing-box.....	J. Marshall.....	860,223	July 16	2933	801	129	1032
Filing-cabinet.....	F. W. Tobey.....	856,113	June 4	1262	265	128	2011
Filing-cabinet.....	O. L. Solie.....	871,372	Nov. 19	2569	658-9	131	790
Filing-case.....	E. G. Sampson.....	863,944	Aug. 20	2874	792	129	3044
Filing device. Credit-account.....	W. Eacrett.....	875,054	Dec. 31	5636	1176	131	2194
Filing devices. Attachment for paper.....	P. H. Yawman.....	860,956	July 23	4075	1116	129	1442
Filing drawer and compartment.....	H. O. Brigham.....	860,898	July 23	3982	1091	129	1410
Filing-machine file-holder.....	J. A. Dennis.....	841,671	Jan. 22	3759	816	126	1078
Filing-receptacle.....	M. Wiesner.....	859,272	July 9	1478	394	129	531
Filing system.....	J. M. Corboy.....	853,864	May 14	3025	621	128	806

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Filing system.	J. A. Bexell.	868,835	Oct. 22	2576	710-11	130	2171
Filing system. Credit-account.	E. J. Williams.	854,069	May 21	3471	716	128	958
Filing system. Mail and order.	N. M. Sweet and G. K. Sawaya.	851,145	Apr. 23	4852	1021	127	2937
Filling-finger.	W. E. Lyford.	847,797	Mar. 19	4177	912	127	1111
Filling-machine.	C. L. Bastian.	860,076	July 16	2723	742	129	965
Filling-machine.	F. C. H. Strasburger.	869,811	Oct. 29	4096	1131	130	2665
Filling-machine.	B. E. Taylor.	874,639	Dec. 24	4786	1004-5	131	2034
Fills, embankments, &c. Method of and apparatus for making.	W. M. Hoover.	841,970	Jan. 22	4366	941	126	1231
Film.	O. Dodge.	874,885	Dec. 24	5248	-----	131	2112
Film-pack.	G. L. Holmes.	862,823	Aug. 6	1191	320	129	2447
Films. Coating nitrocellulose.	F. M. Cossitt.	864,123	Aug. 20	3144	870	129	3126
Films. Making nickel.	T. A. Edison.	865,687	Sept. 10	1452	-----	130	473
Films or flakes. Making metallic.	T. A. Edison.	865,688	Sept. 10	1453	-----	130	474
Filter.	E. Burt.	842,764	Jan. 29	6099	1287	126	1699
Filter.	R. Koehler.	843,465	Feb. 5	1232	258	126	2101
Filter.	W. Bodge.	843,991	Feb. 12	2260	483	126	2392
Filter.	A. J. Sheridan.	844,417	Feb. 19	3128	671	126	2647
Filter.	H. Lieberich.	846,582	Mar. 12	1749	387	127	473
Filter.	A. Klell.	846,748	Mar. 12	2068	454	127	556
Filter.	M. G. Melvin.	846,859	Mar. 12	2300	506	127	616
Filter.	C. M. Shiltz.	847,518	Mar. 19	3595	792	127	968
Filter.	G. A. Abbott.	847,537	Mar. 19	3639	802	127	979
Filter.	J. T. H. Paul.	849,017	Apr. 2	795	163-4	127	1790
Filter.	W. J. Archer.	851,194	Apr. 23	4966	1043	127	2963
Filter.	T. W. Goreau.	854,288	May 21	3893	803	128	1067
Filter.	E. M. Wade.	854,972	May 28	5230	1089-90	128	1435
Filter.	E. and F. O. Bendix.	856,332	June 11	1748	362	128	2169
Filter.	A. L. Anderson.	856,832	June 11	2717	562	128	2416
Filter.	A. D. De Land.	857,450	June 18	3885	825-6	128	2747
Filter.	W. T. Janney and G. H. Dern.	857,467	June 18	3920	834	128	2756
Filter.	J. Convery.	858,154	June 25	5329	1134	128	3145
Filter.	G. W. Clark.	858,441	July 2	119	33	129	40
Filter.	A. Lindemann.	858,610	July 2	429	112	129	152
Filter.	J. T. H. Paul.	860,244	July 16	2966	810	129	1045
Filter.	G. H. Gilman.	861,586	July 30	5076	1393	129	1796
Filter.	J. B. Stewart.	866,401	Sept. 17	2547	710	130	858
Filter.	A. J. Clark.	866,433	Sept. 17	2588	723	130	873
Filter.	G. Knock.	867,734	Oct. 8	767	215	130	1566
Filter.	L. R. Clark and D. G. Kreul.	869,294	Oct. 29	3275	902	130	2417
Filter.	G. M. Kneuper.	870,631	Nov. 12	1203	325-6	131	427
Filter.	T. C. Martin.	871,285	Nov. 19	2386	619	131	761
Filter.	C. E. Leonard.	872,437	Dec. 3	253	51	131	1208
Filter and distiller.	N. Broonipollito.	845,929	Mar. 5	420	86	127	109
Filter-bed-cleaning machine.	H. W. Blaisdell.	873,010	Dec. 10	1476	307	131	1430
Filter-bed-cleansing machine.	H. W. Blaisdell.	845,744	Mar. 5	15	3-4	127	7
Filter. Centrifugal.	H. W. Blaisdell.	866,424	Sept. 17	2576	719-20	130	869
Filter. Centrifugal.	F. O. Nilsson and J. A. Jonson.	868,288	Oct. 15	1672	472	130	1868
Filter-cleaning machine. Covered.	H. W. Blaisdell.	845,746	Mar. 5	25	6-7	127	9
Filter container. Pressure.	C. W. Merrill.	856,596	June 11	2280	469-70	128	2305
Filter. Electric water.	M. A. Brannon.	866,618	Sept. 24	2853	805	130	986
Filter. Feed-water.	O. L. Stump, C. B. King, and H. J. Barnhart.	870,138	Nov. 5	407	113	131	135
Filter for cisterns. Platform.	R. E. Tipton.	840,400	Jan. 1	1245	272	126	327
Filter for defecation.	R. M. Villarino.	842,731	Jan. 29	6036	1271-2	126	1685
Filter for eaves-troughs.	L. M. Gallier.	849,674	Apr. 9	2091	430	127	2155
Filter. Gas.	F. D. Marshall and S. Hersey.	864,012	Aug. 20	2967	818-19	129	3072
Filter. Liquid.	H. J. Hass.	854,738	May 28	4754	987	128	1312
Filter medium.	E. M. Knight.	875,355	Dec. 31	6232	1300	131	2289
Filter. Oil.	T. T. Sawdon.	840,381	Jan. 1	1212	264	126	319
Filter. Oil.	W. C. Fahy.	868,257	Oct. 15	1620	458	130	1851
Filter or other receiver with chemically-treated fluid. Device for supplying a.	J. R. Elfreth.	842,088	Jan. 22	4589	986	126	1283
Filter or separator for pneumatic cleaners.	C. E. Baker.	874,481	Dec. 24	4445	938	131	1891
Filter-press.	L. S. Schoenfeld.	862,286	Aug. 6	296	83	129	2175
Filter-press.	B. F. Arendt and R. H. Moore.	863,894	Aug. 20	2811	772	129	3025
Filter-press.	F. W. von Oven.	872,008	Nov. 26	3936	948	131	1029
Filter-press.	F. B. Anderson.	873,482	Dec. 10	2402	505-6	131	1586
Filter. Pressure.	C. W. Merrill.	842,484	Jan. 29	5487	1162	126	1553
Filter. Pressure.	A. E. Davis.	859,749	July 9	2202	596-8	129	766
Filter. Pressure.	J. H. Fox.	865,691	Sept. 10	1458	412	130	475
Filter. Revolving.	O. H. Fairchild.	872,616	Dec. 3	620	131	131	1264
Filter-scrapping machine. Closed.	H. W. Blaisdell.	840,104	Jan. 1	621	134-5	126	164
Filter. Submerged.	G. W. Durbrow.	869,558	Oct. 29	3719	1018	130	2554
Filter. Water.	O. Watson.	846,882	Mar. 12	2347	517	127	628
Filter. Water.	L. C. Hartough.	862,156	Aug. 6	54	16	129	2098
Filter. Water.	J. S. Tollefson.	864,345	Aug. 27	3480	968	129	3258
Filter. Water.	J. E. Young.	868,828	Oct. 22	2565	707	130	2169
Filters. Cleaning.	G. M. Kneuper.	870,727	Nov. 12	1356	370-1	131	476
Filters. Distributing-machine for closed.	H. W. Blaisdell.	842,850	Feb. 5	3	1-2	126	1787
Filters. Making.	G. M. Kneuper.	868,277	Oct. 15	1658	468	130	1863
Filters. Packing.	G. Knock.	867,733	Oct. 8	766	214-15	130	1566
Filtering apparatus.	B. Hunt.	841,526	Jan. 15	3478	751	126	976
Filtering apparatus.	G. L. Bayley.	844,438	Feb. 19	3161	679-80	126	2656
Filtering apparatus.	M. N. Otto.	847,103	Mar. 12	2769	612	127	729
Filtering apparatus.	D. J. Kelly.	864,308	Aug. 27	3425	952-3	129	3240
Filtering apparatus.	M. B. Lukens.	869,188	Oct. 22	3100	853	130	2335
Filtering apparatus.	D. J. Kelly.	869,372	Oct. 29	3403	936	130	2457
Filtering apparatus. Liquid.	W. Reeves and B. Bramwell.	873,458	Dec. 10	2356	494	131	1578
Filtering apparatus. Slimes.	D. J. Kelly and J. M. Callow.	865,912	Sept. 10	1812	505	130	596
Filtering-can.	U. G. Thompson.	862,420	Aug. 6	519	139	129	2248
Filtering device.	C. Brossmann, Jr.	865,993	Sept. 17	1940	542	130	667
Filtering element.	K. Kiefer. (Reissue).	12,588	Jan. 8	2635	576	126	715
Filtering element.	C. H. Loew.	841,652	Jan. 15	3716	808	126	1035
Filtering-machine.	J. Mills.	854,588	May 21	4441	923-4	128	1203
Filtering material.	G. M. Kneuper.	853,981	May 21	3280	674-5	128	191

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Filtering material. Making.....	G. M. Kneuper.....	854,043	May 21	3407	702-3	128	940
Filtering mediums. Apparatus for washing.....	S. W. Parkhurst and W. Ashling.....	859,972	July 16	2545	691	129	906
Filtering-plate and making same. Porous.....	P. D. Gray.....	872,621	Dec 3	636	.....	131	1267
Filtration and water-supply system.....	F. Grote.....	861,028	July 23	4198	1150	129	1478
Filtration plant.....	H. D. Elfreth.....	866,346	Sept. 17	2475	690-1	130	836
Filtration plant. Gravity.....	J. G. MacGregor.....	872,073	Nov. 26	4076	977	131	1051
Finger-guide.....	J. A. Evans and J. F. Wolff.....	853,074	May 7	1430	299	128	363
Finger-print-registering device.....	M. P. Evans.....	845,624	Feb. 26	5747	1216	126	3335
Finger-ring.....	G. Greenbaum.....	858,450	July 2	131	35	129	44
Finger-ring.....	C. Worth.....	859,162	July 2	1309	348	129	441
Finger-ring and pencil.....	F. A. Rojas.....	845,197	Feb. 26	4926	1045	126	3133
Finger-shield.....	H. F. Huntley.....	843,819	Feb. 12	1924	412	126	2310
Finish-remover.....	C. Ellis.....	875,416	Dec. 31	6347	.....	131	2309
Finishing or burnishing machine.....	J. A. Pine.....	866,215	Sept. 17	2268	633	130	770
Finishing or burnishing machine.....	J. A. Pine.....	866,216	Sept. 17	2270	634	130	770
Fire-alarm.....	G. A. Anderson and H. O. Harpster.....	843,058	Feb. 5	429	93	126	1902
Fire-alarm.....	E. Bucci and Q. Cicchetti.....	860,442	July 16	3264	892	129	1141
Fire-alarm.....	W. J. Randolph.....	862,199	Aug. 6	141	39-40	129	2128
Fire-alarm.....	R. M. Whipple.....	870,068	Nov. 5	304	84	131	103
Fire-alarm and signaling device.....	L. Sackwitz.....	874,250	Dec. 17	3998	844	131	1874
Fire-alarm and watch-service system.....	J. McFell.....	839,873	Jan. 1	139	34	126	40
Fire-alarm apparatus.....	W. S. Clay and A. T. McKenney.....	848,725	Apr. 2	209	42-3	127	1641
Fire-alarm apparatus.....	G. W. Smith.....	850,853	Apr. 16	4308	904-5	127	2760
Fire-alarm. Automatic.....	C. Smith.....	867,681	Oct. 8	688	194	130	1544
Fire-alarm. Automatic electric.....	W. G. Meddings.....	841,557	Jan. 15	3527	762	126	988
Fire-alarm box. Auxiliary.....	F. W. Cole.....	842,861	Feb. 5	38	8	126	1799
Fire-alarm-box door.....	F. G. Campbell.....	866,772	Sept. 24	3103	874	130	1069
Fire-alarm boxes. Device for permitting the automatic operation of.....	L. G. Woolley.....	857,707	June 25	4408	931	128	2913
Fire-alarm circuit.....	I. Kitsee.....	856,162	June 4	1374	289	128	2040
Fire-alarm. Electric.....	W. H. H. Everett.....	851,506	Apr. 23	5595	1171	127	3118
Fire-alarm. Electric.....	I. M. Simons.....	856,921	June 11	2880	603	128	2454
Fire-alarm. Electric.....	J. A. Obester.....	869,014	Oct. 22	2845	784	130	2256
Fire-alarm or temperature-indicator.....	M. L. Poulter.....	853,826	May 23	2952	606	128	790
Fire-alarm. Pneumatic.....	W. Wadsworth.....	860,842	July 23	3884	1063	129	1378
Fire-alarm system.....	J. G. Nolen.....	846,502	Mar. 12	1585	351-2	127	433
Fire-alarm system.....	M. Connor.....	846,729	Mar. 12	2026	445-6	127	546
Fire-alarm system.....	N. M. Ogle.....	861,761	July 30	5340	1472	129	1874
Fire-alarm system.....	C. W. McDaniel.....	870,574	Nov. 12	1100	301	131	389
Fire-alarm-telegraph system.....	M. Garl.....	867,494	Oct. 1	398	114	130	1437
Fire and burglar alarm.....	B. Staub.....	856,924	June 11	2884	604	128	2456
Fire and burglar alarm. Combined.....	A. M. Bennett.....	850,287	Apr. 16	3204	668	127	2478
Fire and burglar alarm. Electric.....	M. J. Briggs.....	874,483	Dec. 24	4455	940	131	1982
Fire and temperature alarm or indicator.....	G. L. Smith.....	850,681	Apr. 16	3985	833	127	2679
Fire apparatus.....	D. Boyce.....	841,108	Jan. 15	2676	585	126	769
Fire apparatus.....	H. W. Eisenbise.....	846,835	Mar. 12	2255	494	127	604
Fire apparatus.....	J. H. Mitchell.....	871,880	Nov. 26	3635	886-7	131	987
Fire-box.....	G. F. Nolte.....	858,747	July 2	668	176	129	231
Fire box and grate. Adjustable.....	E. A. Probst.....	852,294	Apr. 30	7196	1511	127	3556
Fire-box door.....	W. D. Westbrook.....	875,021	Dec. 31	5576	1165	131	2184
Fire-cracker.....	N. Del Grande.....	863,514	Aug. 13	2228	602	129	2810
Fire dog or iron.....	L. C. Ross.....	853,831	May 14	2961	607	128	792
Fire-door-releasing device.....	C. Lamareaux.....	840,701	Jan. 8	1832	403	126	512
Fire-doors, fire-shutters, &c. Automatic releaser for.....	H. J. Podlesak.....	872,680	Dec. 3	762	159	131	1288
Fire-escape.....	R. D. Warfield.....	839,974	Jan. 1	342	76	126	94
Fire-escape.....	T. Noonan.....	841,265	Jan. 15	2966	644-5	126	842
Fire-escape.....	P. M. Legere.....	845,181	Feb. 26	4891	1037	126	3123
Fire-escape.....	K. Leon and A. E. Dowell.....	846,418	Mar. 5	1405	309	127	356
Fire-escape.....	C. L. Garland, G. Proudfoot, and M. Bowen.....	848,235	Mar. 26	5041	1101-2	127	1361
Fire-escape.....	M. W. Dalton.....	848,640	Apr. 2	38	9	127	1594
Fire-escape.....	F. J. Bryant.....	851,862	Apr. 30	6348	1324	127	3343
Fire-escape.....	E. F. G. Gibbs.....	853,302	May 14	1907	396	128	521
Fire-escape.....	F. Jäger.....	854,645	May 21	4546	949	128	1230
Fire-escape.....	R. Barth.....	857,513	June 18	4016	855	128	2781
Fire-escape.....	G. J. Pitts.....	858,210	June 25	5431	1159	128	3171
Fire-escape.....	J. F. Cain.....	861,707	July 30	5261	1446	129	1850
Fire-escape.....	J. M. Roach.....	863,222	Aug. 13	1813	488	129	2681
Fire-escape.....	J. Bowen.....	864,405	Aug. 27	3568	991-2	129	3286
Fire-escape.....	T. G. and J. E. Howes and W. G. Otto.....	864,540	Aug. 27	3822	1059	129	3368
Fire-escape.....	C. H. Redman.....	864,689	Aug. 27	4064	1128	129	3442
Fire-escape.....	S. P. Deeds.....	865,167	Sept. 3	609	172	130	185
Fire-escape.....	E. R. Morgan and C. A. Erickson.....	865,718	Sept. 10	1497	423	130	466
Fire-escape.....	W. B. Purdy.....	866,516	Sept. 17	2701	755	130	907
Fire-escape.....	S. Ashford.....	867,092	Sept. 24	3594	1019	130	1219
Fire-escape.....	J. Wenig.....	867,689	Oct. 8	700	196	130	1547
Fire-escape.....	R. Zube.....	869,151	Oct. 22	3051	842	130	2330
Fire-escape.....	F. J. Bryant.....	869,959	Nov. 5	118	33	131	39
Fire-escape.....	F. W. Harkins.....	870,777	Nov. 12	1447	392	131	502
Fire-escape.....	R. Schapler and C. Wasser.....	870,998	Nov. 12	1807	492	131	615
Fire-escape.....	P. C. Burhans.....	872,050	Nov. 26	4033	967	131	1043
Fire-escape.....	C. L. Lindquist.....	874,691	Dec. 24	4884	1027	131	2050
Fire-escape.....	R. Watson and C. E. Stevenson.....	875,227	Dec. 31	5974	1245	131	2250
Fire-escape alarm.....	S. Ashford.....	849,651	Apr. 9	2048	420	127	2145
Fire-escape alarm.....	S. Ashford.....	864,878	Sept. 3	182	52	130	57
Fire-escape apparatus.....	C. W. Bergquist.....	854,922	May 28	5142	1070	128	1413
Fire-escape for buildings. Movable.....	A. S. Olney.....	868,117	Oct. 15	1418	398-9	130	1789
Fire-escape. Individual.....	F. S. Ulery.....	859,266	July 9	1469	391-2	129	529
Fire-escape ladder. Portable window.....	D. N. E. Campbell.....	857,440	June 18	3868	822	128	2743
Fire-escape machine. Automatic.....	F. G. Engel.....	849,221	Apr. 2	1219	247-8	127	1900
Fire-escape. Portable.....	C. F. Calnan and A. F. Andersen.....	866,256	Sept. 17	2323	648	130	787
Fire-extinguisher.....	C. E. Buell.....	851,863	Apr. 30	6349	1324	127	3343
Fire-extinguisher.....	H. Mikorey.....	852,393	Apr. 30	7402	1553	127	3607
Fire-extinguisher.....	J. I. Hardy.....	853,451	May 14	2175	452	128	591

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Fire-extinguisher	H. M. Gillett	856,050	June 4	1154	244	128	1985
Fire-extinguisher	K. Grünwald	858,381	July 2	28	9	129	10
Fire-extinguisher	J. L. Williams	860,779	July 23	3794	1040	129	1348
Fire-extinguisher	H. F. Sawtelle	861,320	July 30	4652	1272	129	1662
Fire-extinguisher	J. H. Bell	864,149	Aug. 27	3196	884	129	3169
Fire-extinguisher	F. Roemer	866,888	Sept. 24	3271	920	130	1120
Fire-extinguisher	W. E. Haskins	867,365	Oct. 1	214	62	130	1378
Fire-extinguisher	G. E. Tilford	869,752	Oct. 29	4014	1108	130	2640
Fire-extinguisher	S. Q. Stanley	870,479	Nov. 5	958	262	131	311
Fire-extinguisher. Automatic	J. A. and H. D. Loeb and J. C. Goosmann.	865,407	Sept. 10	1002	287	130	333
Fire-extinguisher. Automatic	W. G. Asmus	873,651	Dec. 10	2737	580	131	1642
Fire-extinguisher. Chemical	R. F. Barker and C. G. McCumber.	840,462	Jan. 8	1359	301	126	395
Fire-extinguisher. Chemical	J. B. Thomas	854,614	May 21	4486	936	128	1215
Fire-extinguisher. Chemical	J. B. Thomas	857,544	June 18	4079	866	128	2799
Fire-extinguisher. Chemical	A. F. Sargeant	862,869	Aug. 6	1259	341-2	129	2469
Fire-extinguisher. Chemical	W. H. Shafer	871,147	Nov. 19	2081	560	131	714
Fire-extinguisher. Dry-gas	C. Brent	866,109	Sept. 17	2126	592	130	725
Fire-extinguisher. Hand chemical	O. J. Childs and J. H. Corbett	860,525	July 16	3376	928	129	1180
Fire-extinguisher receptacle	E. D. Tompkins	858,682	July 2	556	144	129	193
Fire-extinguisher sprinklers. Implement for closing the discharge-openings of automatic	W. P. Wood and C. E. Tefft	868,058	Oct. 15	1337	373	130	1765
Fire-extinguisher supervisory system. Automatic	J. G. and J. D. Nolen	860,560	July 16	3428	942-3	129	1198
Fire-extinguisher system	W. G. Allen and F. G. Feeley	871,021	Nov. 12	1834	501-2	131	623
Fire-extinguisher system. Bucket-and-tank	A. C. Rowe	875,289	Dec. 31	6093	1271	131	2269
Fire-extinguishers. Alarm for automatic	W. A. Goldthwait	840,311	Jan. 1	1049	229	126	280
Fire-extinguishers. Alarm for automatic	F. H. Rice	840,375	Jan. 1	1198	262	126	315
Fire-extinguishers. Protecting device for chemical	R. Graf	857,553	June 18	4097	869	128	2803
Fire-extinguishers. Valve for automatic	M. Andrews	841,915	Jan. 22	4271	920	126	1208
Fire. Extinguishing	C. Brent	851,274	Apr. 23	5141	1081	127	3005
Fire-extinguishing apparatus	C. E. Buell	869,415	Oct. 29	3473	954	130	2478
Fire-extinguishing apparatus	W. R. Johnston	874,600	Dec. 24	4702	988	131	2021
Fire-extinguishing apparatus and fusible link employed therewith. Automatic sprinkler for stationary	W. Esty	868,602	Oct. 15	2195	611	130	2030
Fire-extinguishing apparatus. Hand	A. G. Laurent	858,188	June 25	5393	1149	128	3160
Fire-extinguishing-apparatus release	H. Sandvoss	843,847	Feb. 12	1987	426	126	2325
Fire-extinguishing compound	E. M. Davidson	866,437	Sept. 17	2593	.....	130	874
Fire-extinguishing sprinkler	G. F. Hall	868,432	Oct. 15	1917	536	130	1938
Fire-extinguishing valve	A. Blauvelt	872,791	Dec. 3	994	204	131	1323
Fire-glazing machine	M. J. Owens	854,836	May 28	4960	1031-2	128	1365
Fire-hose is coupled to hydrants. Device whereby	H. J. Page	843,963	Feb. 12	2210	473	126	2381
Fire-hydrant	F. F. Brown and G. W. Haycock	841,615	Jan. 15	3651	792	126	1019
Fire-hydrant	A. O. Babendreier	845,505	Feb. 26	5541	1174	126	3284
Fire-hydrant	C. C. Steiner	862,593	Aug. 6	838	223	129	2344
Fire-hydrant	F. V. Carman	867,344	Oct. 1	179	52	130	1366
Fire-hydrant	W. H. Featherstone	868,080	Oct. 15	1365	382	130	1773
Fire-kindler	T. D. Bausher	848,150	Mar. 26	4892	.....	127	1321
Fire-kindler	J. H. McDonough	849,915	Apr. 9	5234	524	127	2269
Fire-kindler	W. H. Haggerty and W. J. Dardis	854,491	May 21	4265	882	128	1161
Fire-kindling. Composition of matter for	E. W. Daley and C. Johnson	846,554	Mar. 12	1679	.....	127	456
Fire-lighter	H. P. Vogel	855,488	June 4	90	19	128	1717
Fire-lighting appliance	H. Muetzel	864,021	Aug. 20	2979	822	129	3075
Fire-polishing machine	W. E. Bock	854,793	May 28	4867	1010	128	1340
Fire-pot	A. G. Cripps	843,795	Feb. 12	1891	406	126	2302
Fire-protection system	J. G. Nolen	860,605	July 16	3512	967	129	1225
Fire-resisting curtain	H. E. Vance	866,894	Sept. 24	3279	923	130	1123
Fire-resisting curtain and channel therefor	E. H. McCloud	869,447	Oct. 29	3525	968	130	2463
Fire-resisting curtain. Flexible	E. H. McCloud	847,681	Mar. 19	3948	861-2	127	1057
Fire-resisting curtains. Hood for rolling	E. H. McCloud	842,968	Feb. 5	250	55	126	1852
Fire-resisting shutter	W. S. Hutchinson	843,462	Feb. 5	1229	257-8	126	2100
Fire-resisting shutter	E. H. McCloud	850,172	Apr. 16	2993	627	127	2420
Fire-screen	S. Kiper	841,020	Jan. 8	2472	538	126	673
Fire-screen	M. B. Watson	866,170	Sept. 17	2210	615	130	752
Fire-shield	D. S. Watson	848,583	Mar. 26	5729	1253	127	1530
Fire-shield and extinguisher	J. W. Hull, Sr.	868,927	Oct. 22	2712	747	130	2214
Fire-shutter	S. German	862,152	Aug. 6	48	14	129	2096
Fire-shutter	R. R. Reed	848,853	Apr. 2	517	103	127	1720
Fire-shutter	R. R. Reed	865,943	Sept. 10	1857	521	130	610
Fire-signal system. Automatic	R. L. McElroy, J. E. Shepherd, and J. G. Nolen.	846,336	Mar. 5	1222	269-71	127	309
Fire-sprinkler. Automatic	R. H. Boardman	867,004	Sept. 24	3462	978	130	1178
Fire-truck signal	J. Kenlon	861,862	July 30	5500	1518	129	1923
Fires. Apparatus for the use of carbon dioxide for extinguishment of	E. F. Osborne	868,218	Oct. 15	1554	442-3	130	1829
Fires in oil-filled receptacles. Means for extinguishing	R. D. Mershon	853,253	May 14	1784	371	128	486
Firing-gear	L. V. Benét and H. A. Mercie	854,557	May 21	4380	908-9	128	1187
Firing mechanism. Electric and percussion	W. H. Bevans	855,427	May 28	6110	1277	128	1655
Firearm	P. Lister	839,938	Jan. 1	278	60	126	77
Firearm	P. Mulock	840,685	Jan. 1	590	128	126	156
Firearm	G. E. Witherell	842,287	Jan. 29	5040	1075	126	1430
Firearm	R. C. Thomas	842,436	Jan. 29	5384	1139	126	1527
Firearm	J. E. Mason	843,542	Feb. 5	1417	298-9	126	2147
Firearm	H. M. Kolb and C. Foehl	847,011	Mar. 12	2590	569	127	688
Firearm	W. H. Boust	849,198	Apr. 2	1184	239-40	127	1891
Firearm	R. E. Flyberg	849,536	Apr. 9	1842	373-4	127	2094
Firearm	M. Mondragon	853,715	May 14	2714	560-2	128	732
Firearm	J. J. Murphy	856,286	June 11	1643	340	128	2143
Firearm	A. J. Aubrey	859,477	July 9	1792	481	129	635
Firearm	C. F. Sawtell	859,845	July 9	2351	638	129	814
Firearm	K. von Pocci	859,974	July 16	2546	692-3	129	906
Firearm	J. E. Nelms	860,231	July 16	2948	805	129	1038
Firearm	J. M. Browning	864,609	Aug. 27	3937	1091	129	3402
Firearm	T. M. Thorsen	867,685	Oct. 8	695	195	130	1546
Firearm	W. J. McKee	868,616	Oct. 15	2221	617	130	2038

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Firearm.	A. H. Worrest.	871,550	Nov. 19	2065	740	131	850
Firearm. Automatic.	W. Mason.	846,591	Mar. 12	1773	391-2	127	481
Firearm. Automatic.	J. M. Browning.	853,438	May 14	2149	447	128	583
Firearm. Automatic.	W. Mason.	854,707	May 21	4685	976-8	128	1264
Firearm. Automatic.	C. A. Strasburg.	854,771	May 28	4827	1003	128	1331
Firearm. Automatic.	W. J. Whiting.	863,770	Aug. 20	2612	722-3	129	2962
Firearm. Automatic.	C. Freeman.	870,719	Nov. 12	1342	366-7	131	472
Firearm. Automatic.	C. L. H. Prinke.	875,209	Dec. 31	5934	1237	131	2244
Firearm. Box-magazine.	T. C. Johnson.	840,850	Jan. 8	2121	468	126	583
Firearm. Breech-loading.	O. F. Mossberg.	840,507	Jan. 8	1456	321	126	418
Firearm. Breech-loading.	A. G. La Riviere and W. Ferguson.	858,520	July 2	270	66	129	96
Firearm. Breech-loading.	W. H. Whittier.	864,940	Sept. 3	275	74	130	87
Firearm breech-protector.	O. C. Edwards.	859,932	July 16	2487	676	129	882
Firearm. Double-barreled.	E. H. Elder.	847,659	Mar. 19	3902	853	127	1048
Firearm hammer-lock.	M. V. Allen.	849,825	Apr. 9	2350	482-3	127	2226
Firearm. Magazine.	E. G. Conradson.	859,742	July 9	2192	593-4	129	761
Firearm. Magazine repeating.	J. J. Henry.	873,547	Dec. 10	2546	538-9	131	1602
Firearm. Recoil-operated.	E. Dehm.	841,670	Jan. 22	3757	816	126	1078
Firearm safety device.	G. Luger.	851,538	Apr. 23	5653	1183	127	3137
Firearm safety device.	C. H. Hansen.	849,387	Apr. 9	1539	311	127	2014
Firearm safety-lock.	F. A. Beckwith.	845,994	Mar. 5	560	117	127	147
Firearm set-trigger.	J. Tambour.	865,281	Sept. 3	790	226	130	234
Firearm-sight.	J. N. Fisher.	852,942	May 7	1171	241-2	128	298
Firearm-sight.	C. G. Thunen.	845,491	Feb. 26	5521	1170	126	3278
Firearm-sight.	G. S. Wilcox.	846,637	Mar. 12	1872	412	127	509
Firearm-sight.	J. Windridge.	846,638	Mar. 12	1874	412	127	507
Firearm-sight.	J. Windridge.	846,639	Mar. 12	1878	412	127	507
Firearm-sight.	J. Windridge and G. S. Wilcox.	847,630	Mar. 19	3853	842	127	1038
Firearm-sight.	R. E. Reardon.	849,498	Apr. 9	1767	357	127	2073
Firearm-sight.	G. H. Conrad.	852,106	Apr. 30	6864	1434	127	3474
Firearm-sight.	G. E. Albee.	852,152	Apr. 30	6950	1451	127	3494
Firearm-sight.	J. Windridge and G. S. Wilcox.	860,429	July 16	3244	887	129	1135
Firearm-sight.	G. B. Crandall.	862,717	Aug. 6	1018	272	129	2397
Firearm-sight.	J. Windridge.	868,240	Oct. 15	1597	453	130	1843
Firearm-sight.	E. W. Evans.	871,034	Nov. 12	1852	507	131	629
Firearm-sight.	J. E. Harker.	871,933	Nov. 26	3742	911	131	1004
Firearm-sight.	J. Windridge and G. S. Wilcox.	872,706	Dec. 3	818	170	131	1296
Firearm-sight.	J. Windridge and G. S. Wilcox.	873,112	Dec. 10	1693	353	131	1465
Firearm-sight.	J. Windridge and G. S. Wilcox.	873,281	Dec. 10	2005	420	131	1518
Firearm-sight. Telescope.	F. F. Burton.	870,272	Nov. 5	624	167	131	203
Firearm-sight. Telescope.	F. F. Burton.	870,273	Nov. 5	625	167	131	204
Firearm-sight. Telescope.	T. C. Johnson.	870,295	Nov. 5	664	178	131	218
Firearm. Take-down.	F. C. Chadwick.	865,357	Sept. 10	929	266-7	130	311
Firearms and cannon with deepened grooves. Barrel for portable.	C. Puff.	868,938	Oct. 22	2732	754	130	2221
Firearms. Barrel-cleaner for breech-loading.	J. True.	852,748	May 7	747	147	128	195
Firearms. Cleaning-rod for rifled.	T. M. Price.	865,726	Sept. 10	1510	426	130	490
Firearms. Ejector for breech-loading.	G. F. Schafer.	858,674	July 2	547	141	129	189
Firearms. Extractor for.	V. A. Obregon.	848,198	Mar. 26	4974	1088	127	1343
Firearms. Firing-pin lock for.	F. F. Burton.	862,539	Aug. 6	749	201	129	2316
Firearms. Hand-grip for.	C. S. Daniel.	859,804	July 9	2280	621	129	792
Firearms. Light-projecting attachment for.	C. R. Penfield.	873,591	Dec. 10	2629	554	131	1623
Firearms. Loading device for breech-loading.	G. S. Hodges.	863,798	Aug. 20	2658	734	129	2977
Firearms. Set-lock for.	J. J. McGilivray.	841,807	Jan. 22	4047	873	126	1154
Firearms. Shell-expelling mechanism for.	A. Fyrbeg.	841,240	Jan. 15	2920	635	126	830
Firearms. Single-trigger mechanism for.	G. H. and W. B. Parkin.	857,895	June 25	4773	1014	128	3002
Fireplace.	W. S. Jackson.	858,292	June 25	5567	1190-1	128	3206
Fireplace and chimney.	U. Z. Keeney.	865,909	Sept. 10	1808	504	130	595
Fireplace attachment.	W. H. Daniel.	858,373	July 2	18	7	129	7
Fireplace attachment.	J. R. Day.	860,356	July 16	3130	857	129	1099
Fireplace-heater.	H. D. Frisbie, Sr.	869,775	Oct. 29	4036	1116-17	130	2650
Fireplace-heater for radiator system.	W. G. Conkle.	865,238	Sept. 3	724	206-7	130	218
Fireproof and fire-resisting putty. Composition of matter for.	J. Marx.	859,960	July 16	2532	.....	129	901
Fireproof blind.	H. E. Vance.	866,830	Sept. 24	3187	896	130	1095
Fireproof building and blocks therefor.	L. O. Sprout.	859,142	July 2	1280	341	129	432
Fireproof building construction.	C. Collins.	840,111	Jan. 1	634	137	126	168
Fireproof building construction.	C. Collins.	851,919	Apr. 30	6462	1347-8	127	3372
Fireproof building construction.	C. Collins.	855,694	June 4	479	100	128	1818
Fireproof buildings. Floor and ceiling construction for.	L. Hermann.	862,911	Aug. 13	1321	360	129	2524
Fireproof buildings. Partition for.	B. J. Kahn.	861,215	July 23	4466	1226	129	1568
Fireproof chimney.	J. Dauben and F. M. Ryan.	843,797	Feb. 12	1893	406	126	2302
Fireproof Christmas tree.	F. L. McGahan.	860,406	July 16	3213	879	129	1126
Fireproof column.	J. J. Tresidder.	849,819	Apr. 9	2342	481	127	2220
Fireproof column.	J. J. Tresidder.	862,681	Aug. 6	964	258	129	2381
Fireproof construction. Centering for.	C. D. Oliver.	868,116	Oct. 15	1415	398	130	1788
Fireproof construction for buildings.	J. Jacobs.	844,944	Feb. 19	4409	942	126	2960
Fireproof construction mold.	W. S. Hindman and P. H. Anthony.	857,524	June 18	4036	859	128	2787
Fireproof construction of buildings.	T. D. Lynch.	847,420	Mar. 19	3412	747	127	919
Fireproof door.	J. A. Wheeler.	861,564	July 30	5044	1385	129	1786
Fireproof door or shutter.	H. T. Higinbotham.	858,287	June 25	5560	1189	128	3204
Fireproof door, shutter, and the like.	F. W. Newman.	872,534	Dec. 3	469	98	131	1239
Fireproof lath.	W. Meier.	865,791	Sept. 10	1608	455	130	522
Fireproof lining.	F. O. Werther.	874,271	Dec. 17	4042	.....	131	1880
Fireproof material.	K. Sakurai.	852,908	May 7	1112	.....	128	283
Fireproof material.	K. Sakurai.	855,136	May 28	5587	.....	128	1523
Fireproof material. Making.	J. R. and A. Wells.	841,749	Jan. 22	3923	849	126	1119
Fireproof partition.	H. G. Pfost.	863,088	Aug. 13	1593	429	129	2611
Fireproof partition and furring.	A. Pridde.	860,884	July 23	3961	1085-6	129	1403
Fireproof shutter.	P. O'Reilly.	846,603	Mar. 12	1805	397	127	489
Fireproof slab.	H. Schneider.	858,675	July 2	549	142	129	190
Fireproof stair structure.	E. E. Schachner.	844,408	Feb. 19	3111	667	126	2642
Fireproof stair structure.	E. E. Schachner.	863,760	Aug. 20	2596	718	129	2957
Fireproof stair structu.	E. E. Schachner.	875,113	Dec. 31	5747	1198	131	2213

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Fireproof structure	J. D. Ripson	840,011	Jan. 1	430	93	126	117
Fireproof stud for plastered partitions. Sheet-metal	C. H. Knapp	865,109	Sept. 3	534	148	130	162
Fireproof wall. Ventilated	L. D. Ewing	849,776	Apr. 9	2271	466-7	127	2202
Fireproof window	C. C. Hurlbut	858,515	July 2	263	64-5	129	94
Fireproof window	S. H. Pomeroy	867,925	Oct. 8	1078	305	130	1662
Fireproof window	M. F. Hamsley	874,501	Dec. 24	4495	946	131	1988
Fireproof window construction	W. H. Miller	846,682	Mar. 12	1947	428	127	525
Fireproof window construction	E. H. Lunken and C. M. Conklin	871,129	Nov. 19	2036	553	131	708
Fireproof window construction	E. H. Lunken and C. M. Conklin	871,131	Nov. 19	2040	554	131	709
Fireproof window construction	E. H. Lunken and C. M. Conklin	871,229	Nov. 19	2243	592	131	741
Fireproof window construction, (laterally-inserted glass.)	E. H. Lunken and C. M. Conklin	871,130	Nov. 19	2039	553	131	709
Fireproof window frame and sash	P. W. Frenzel	865,374	Sept. 10	956	274	130	318
Fireproof window-sash	A. Bennesscheidt	865,991	Sept. 17	1938	542	130	661
Fireproofing cotton in bales	H. V. Haley	865,033	Sept. 3	427		130	134
Fireproofing device	O. Kahnweiler	864,543	Aug. 27	3826	1060	129	3369
Fireproofing textile materials	W. H. Perkin, Jr.	844,042	Feb. 12	2349		126	2413
Fireproofing textile materials	W. H. Perkin, Jr.	856,906	June 11	2855		128	2449
Fireworks	L. Nordlinger	840,242	Jan. 1	915	200	126	248
Fish. Apparatus adapted for collecting and cultivating shell-	A. G. Waterhouse	851,332	Apr. 23	5259	1102	127	3037
Fish-bait	L. Debroisse	871,486	Nov. 19	2830		131	829
Fish bait or lure	J. Heddon	861,116	July 23	4319	1185-6	129	1520
Fish cutting and dressing machine	E. G. Deloe	848,450	Mar. 26	5488	1195-6	127	1471
Fish-decoy	C. M. Wilcox	870,069	Nov. 5	305	84	131	103
Fish decoy or lure	G. F. Bowersox	843,256	Feb. 5	865	176	126	2014
Fish holder. Live-	C. J. Remsburg	846,864	Mar. 12	2306	507	127	617
Fish-hook	W. J. Evans	841,951	Jan. 22	4330	933	126	1222
Fish-hook	G. H. and L. C. Van Vleck	842,594	Jan. 29	5720	1208	126	1607
Fish-hook	H. C. Ladish	852,793	May 7	858	173	128	219
Fish-hook	A. F. Jackson	859,227	July 9	1415	376	129	511
Fish-hook	H. S. Martin	859,677	July 9	2105	568	129	735
Fish-hook	A. Merz	863,078	Aug. 13	1579	426	129	2607
Fish-hook	V. Gebhardt	863,272	Aug. 13	1888	509	129	2702
Fish-hook	F. J. Hipp	872,817	Dec. 3	1041	218	131	1332
Fish-hook bait-holder	C. Fredricks	862,150	Aug. 6	45	13	129	2095
Fish-hook guard	E. W. Hildreth	870,033	Nov. 5	253	70	131	87
Fish-hook holder	C. E. Allshouse	849,310	Apr. 2	1380	278	127	1939
Fish-hook spreader and suspender	J. B. Harig	872,934	Dec. 3	1278	273	131	1366
Fish-hook. Trap	J. Hartshorn	873,231	Dec. 10	1909	401	131	1501
Fish-hook. Weedless	W. Stanley	859,144	July 2	1284	342	129	433
Fish-hooks. Weed-guard for	B. F. Burke	859,045	July 2	1141	305	129	388
Fish-ladder	T. Branch	841,662	Jan. 22	3743	813	126	1074
Fish-line reel	W. E. Marhoff	840,948	Jan. 8	2328	512	126	634
Fish-line reel	H. Baumgartel	843,514	Feb. 5	1353	285	126	2131
Fish-line reel	W. E. Marhoff	847,350	Mar. 19	3260	717	127	879
Fish. Method and apparatus for preserving live.	J. G. Yingling	867,463	Oct. 1	351	102	130	1422
Fish-net float	J. Koenig	855,063	May 28	5425	1126	128	1485
Fish-net stake	E. J. Hopkins	843,339	Feb. 5	1022	211	126	2048
Fish-parachute	F. J. Howald	843,946	Feb. 12	2182	467	126	2374
Fish-plate and rail-lock. Combined	W. Smith and J. N. Jones	867,314	Oct. 1	129	38-9	130	1353
Fish. Preserving	J. Thomlinson	850,451	Apr. 16	3528		127	2563
Fish-reel	J. Pepper, Jr.	841,890	Jan. 22	4226	910-11	126	1197
Fish-reel	F. W. Andree	847,874	Mar. 19	4344	953	127	1152
Fish scaler and cleaner	I. Anderson	841,099	Jan. 15	2661	582	126	765
Fish scaling and slitting machine	J. M. Meredith, Jr.	857,884	June 25	4741	1007	128	2994
Fish-scaling apparatus	C. H. A. Bahde	867,182	Sept. 24	3747	1057	130	1266
Fish-stringer	A. C. Mills	849,410	Apr. 9	1574	319	127	2025
Fish-tank on transporting-car or the like	G. Reinhardt	850,316	Apr. 16	3266	681	127	2496
Fish-trap	E. F. Dollar	846,556	Mar. 12	1682	372	127	457
Fish-trap	T. W. Law	866,147	Sept. 17	2177	607	130	741
Fish-trap	E. B. Carwile	872,556	Dec. 3	514	107	131	1246
Fish trap-hook	A. Winbush	866,174	Sept. 17	2215	617	130	759
Fishing-bait. Artificial	E. J. Haverly	869,565	Oct. 29	3729	1021	130	2557
Fishing-bait. Artificial-minnow	J. D. Kreisser	857,883	June 25	4739	1007	128	2993
Fishing-float	W. S. Pettis, Jr.	844,182	Feb. 12	2611	559	126	2478
Fishing-float	W. N. Simmons	862,853	Aug. 6	1239	336	129	2463
Fishing-float and line-holder. Combined	C. R. Fleming	842,540	Jan. 29	5599	1185	126	1578
Fishing-line caster	F. J. Bennett	864,504	Aug. 27	3731	1040	129	3342
Fishing-line reel	C. W. Smith	841,730	Jan. 22	3876	841	126	1108
Fishing-net	F. H. Haskell	844,594	Feb. 19	3739	787	126	2790
Fishing-nets. Apparatus for controlling	I. A. Ketcham	871,343	Nov. 19	2507	646	131	732
Fishing-pole line-guide	C. G. and W. F. Hoerle	863,606	Aug. 20	2375	652	129	2886
Fishing-reel	T. J. Llewellyn and J. E. Plueger	841,796	Jan. 22	4028	870	126	1149
Fishing-reel	R. L. Hunter	842,551	Jan. 29	5615	1188	126	1381
Fishing-reel	T. V. Buckwalter	842,761	Jan. 29	6091	1285	126	1698
Fishing-reel	A. F. Meisselbach	845,805	Mar. 5	140	26	127	89
Fishing-reel	G. W. Blackburn	847,890	Mar. 19	4386	959	127	1161
Fishing-reel	E. Holzmann	850,580	Apr. 16	3774	788	127	2626
Fishing-reel	W. E. Marhoff	852,070	Apr. 30	6793	1414	127	3455
Fishing-reel	F. P. Hamman	853,311	May 14	1928	399	128	528
Fishing-reel	F. Schreidt	859,381	July 9	1664	443	129	592
Fishing-reel	J. E. Plueger	865,613	Sept. 10	1347	382	130	441
Fishing-reel	F. E. Plueger	866,060	Sept. 17	2053	572	130	702
Fishing-reel	L. Atwood	869,406	Oct. 29	3458	950	130	2473
Fishing-reel	L. Atwood	869,474	Oct. 29	3571	979	130	2508
Fishing-reel	E. L. Gilmore	870,327	Nov. 5	715	193	131	234
Fishing-reel	E. F. Kleinschmidt	871,345	Nov. 19	2122	569	131	721
Fishing-reel	E. E. Kleinschmidt	871,346	Nov. 19	2516	647	131	782
Fishing-reel	H. C. Reichardt	873,784	Dec. 17	3015	639	131	1720
Fishing-rod	L. L. Bartlett	841,761	Jan. 22	3954	854	126	1129
Fishing-rod	E. Holzmann	848,243	Mar. 26	5056	1105	127	1364
Fishing-rod and cane. Combined	C. A. Tredwell	863,676	Aug. 20	2472	682	129	2917
Fishing-rod attachment	J. M. Lobit	849,481	Apr. 9	1722	349	127	2062
	C. L. Sullivan	847,298	Mar. 12	3142	692	127	823

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Fishing-rod guide.....	E. Holzmann.....	868,563	Oct. 15	2112	591	130	2002
Fishing-seine.....	N. Elenterius.....	844,925	Feb. 19	4350	936	126	2652
Fishing-tackle.....	J. B. Tuttle.....	840,598	Jan. 8	1644	361	126	464
Fishing-tackle.....	C. R. Willing.....	843,651	Feb. 12	1637	347	126	2238
Fishing-tackle.....	J. B. Harris.....	843,748	Feb. 12	1802	384	126	2279
Fishing-tackle.....	M. Zimmermann.....	849,036	Apr. 2	833	172	127	1801
Fishing-tackle.....	S. D. Martin.....	849,743	Apr. 9	2199	453	127	2182
Fishing-tackle.....	J. Staehle.....	867,439	Oct. 1	313	91	130	1411
Fishing-tackle receptacle.....	O. D. Vanderbilt.....	866,408	Sept. 17	2557	713	130	862
Fishing-tool.....	C. E. Downs.....	847,168	Mar. 12	2887	636	127	760
Fitting and clean-out. Testing.....	P. J. McGinn.....	868,936	Oct. 22	2727	751	130	2219
Fitting-table for dressmakers, &c.....	E. C. Dailey.....	863,512	Aug. 13	2226	601-2	129	2809
Fixture-support. Adjustable.....	T. C. J. Andersen.....	855,830	June 4	751	155	128	1884
Flag-holder.....	N. S. Makepeace.....	846,222	Mar. 5	1016	217	127	258
Flagstaff.....	W. A. Reid.....	868,942	Oct. 22	2756	755	130	2222
Flame-furnace.....	A. Pfoser.....	840,709	Jan. 8	1853	408	126	519
Flanged pipe.....	L. H. Brinkman.....	854,869	May 28	5029	1045	128	1382
Flanges. Machine for attaching.....	W. W. Doolittle.....	843,198	Feb. 5	745	152-3	126	1984
Flanging-machine.....	C. W. Sleeper.....	865,440	Sept. 10	1051	300-1	130	348
Flash-boiler.....	H. Lemp.....	841,792	Jan. 22	4018	869	126	1146
Flash-boiler.....	C. W. Linde.....	867,281	Oct. 1	80	24	130	1338
Flash-boiler.....	A. L. Riker.....	868,012	Oct. 15	1259	348	130	1741
Flash-light.....	G. F. Ehemann.....	854,880	May 28	5067	1054	128	1393
Flash-light apparatus.....	W. M. Murphy.....	870,897	Nov. 12	1035	447	131	562
Flash-light apparatus.....	J. E. Hare.....	874,403	Dec. 24	4909	907	131	1967
Flash-light apparatus. Thermomechanical.....	S. Berens.....	859,889	July 9	2432	661-2	129	837
Flashing-fastener.....	W. Hammann.....	866,357	Sept. 17	2494	096	130	843
Flask: See Coffee and tea flask. Sand-mold flask. Drop-flask. Waxless flask. Molder's flask.							
Flask-guard.....	A. Bruebach.....	868,963	Oct. 22	2766	763	130	2231
Flasks and molds. Machine for reversing.....	W. E. Troutman.....	867,321	Oct. 1	139	41	130	1356
Flasks. Apparatus for handling mold-.....	A. and D. Heller.....	862,074	July 30	5823	1614-15	129	2024
Flasks. Eye and pin for.....	G. Downing.....	840,999	Jan. 8	2417	529	126	657
Flasks. Packing.....	H. W. Lengfelder.....	840,070	Jan. 1	560	122	126	149
Flat-iron.....	C. G. Avery.....	873,202	Dec. 10	1865	391	131	1493
Flat-iron cover.....	A. Deegan.....	865,768	Sept. 10	1577	444	130	513
Flat-iron heater.....	J. W. Miller.....	858,526	July 2	278	68	129	98
Flat-iron heater.....	J. Andersen.....	862,693	Aug. 6	984	263	129	2386
Flat-iron-heating oven.....	J. G. Redford.....	857,670	June 25	4319	912	128	2889
Flat-iron waxer, cleaner, and rest.....	E. A. Stone.....	867,442	Oct. 1	317	92	130	1411
Flat-iron waxing and polishing device.....	S. J. Harris.....	865,989	Aug. 20	2941	809	129	3064
Flax-breaker feeding mechanism.....	G. H. Ellis.....	871,863	Nov. 26	3602	880-1	131	982
Flax-breaking apparatus.....	W. R. Green.....	852,503	May 7	251	45	128	71
Flax-puller.....	J. A. Lussier.....	861,376	July 30	4752	1298	129	1695
Flax-pulling machine.....	C. H. Vessot.....	874,460	Dec. 24	4405	929	131	1975
Flax-straw from winding about beaters. Device for preventing.....	E. Asleson.....	862,488	May 7	204	37	128	59
Flax-straw. System of machines for treating.....	G. H. Ellis.....	867,026	Sept. 24	3489	988	130	1189
Flax-treating apparatus.....	F. H. Richards.....	852,399	Apr. 30	7415	1556	127	3609
Flax-treating machine.....	R. Schofield.....	847,611	Mar. 19	3801	832-3	127	1021
Flax-treating machine.....	K. Wessel.....	861,688	July 30	5223	1435-6	129	1840
Fleece-dividing apparatus.....	A. Lejeune.....	844,683	Feb. 19	3910	827	126	2833
Fleshing and slating machine.....	J. Dunn.....	845,768	Mar. 5	72	15	127	22
Flexible joint.....	G. R. M. Wilcox.....	855,739	June 4	579	118	128	1845
Flexible wheel.....	E. Wigglesworth.....	852,006	Apr. 30	6646	1383-4	127	3417
Float.....	W. A. O'Brien.....	855,659	June 4	408	85	128	1799
Float.....	J. Willmann.....	857,703	June 25	4400	929	128	2910
Float fabric.....	G. W. Knox.....	873,378	Dec. 10	2225	463	131	1551
Float. Non-collapsible.....	E. B. Mower and E. Johnson.....	841,334	Jan. 15	3111	672	126	880
Float. Non-collapsible.....	E. B. Mower and E. Johnson.....	863,623	Aug. 20	2410	662	129	2897
Flood-gate.....	S. S. Brown.....	869,161	Oct. 22	3061	845	130	2323
Flood-gate.....	S. C. Smith.....	870,256	Nov. 5	602	161	131	197
Floor and laying same.....	T. Cantwell.....	848,193	Feb. 5	737	151	126	1982
Floor brushing and waxing machine.....	C. B. Wattles.....	848,275	Mar. 26	5129	1119-20	127	1383
Floor-clamp.....	P. O. Stangeland.....	859,624	July 9	2018	545	129	707
Floor-cleaning device.....	G. J. Wallace and F. J. Harhager.....	847,136	Mar. 12	2823	623	127	743
Floor-cleaning device.....	J. E. Gee.....	867,967	Oct. 15	1192	329	130	1719
Floor-cleaning machine.....	F. A. Lewis.....	870,633	Nov. 12	1208	327	131	428
Floor construction.....	J. Kahn.....	852,230	Apr. 30	7091	1482	127	3531
Floor construction. Steel.....	J. A. Emerson.....	846,291	Mar. 5	1133	247-8	127	287
Floor-covering.....	C. H. Bach.....	844,230	Feb. 12	2724	.....	126	2509
Floor. Dumping.....	J. F. Dornfeld.....	850,214	Apr. 16	3080	646	127	2444
Floor finishing and smoothing machine.....	G. P. Billings.....	873,207	Dec. 10	1872	392	131	1494
Floor-finishing apparatus.....	N. D. S. K. Beck.....	864,403	Aug. 27	3565	991	129	3285
Floor-finishing apparatus.....	E. Schenk.....	866,074	Sept. 17	2073	578	130	708
Floor-finishing device.....	W. Shears.....	871,450	Nov. 19	2753	694	131	817
Floor-jack.....	H. C. Fleming and W. F. Royster.....	849,059	Apr. 2	894	183	127	1815
Floor-mat.....	J. W. Horner.....	865,180	Sept. 3	630	178-9	130	191
Floor-polisher.....	F. P. Richards.....	862,106	July 30	5877	1628	129	2040
Floor-polishing machine.....	P. Sass.....	843,966	Feb. 12	2215	474	126	2382
Floor-polishing machine.....	A. A. Miller.....	862,747	Aug. 6	1072	289	129	2411
Floor-rubber.....	C. O. Quimby.....	863,220	Aug. 13	1810	487	129	2680
Floor-scraper.....	F. F. Hase.....	839,994	Jan. 1	380	83	126	103
Floor-scraper.....	D. E. Dampman.....	848,160	Mar. 26	4909	1072	127	1327
Floor-scraper.....	J. Kelling.....	851,010	Apr. 23	4605	965	127	2874
Floor-scraper.....	N. B. Short.....	852,583	May 7	432	79	128	114
Floor-scraper.....	B. O. Fox.....	853,446	May 14	2163	450	128	588
Floor-scraper.....	E. P. Shank.....	859,697	July 9	2134	576	129	743
Floor-scraper.....	L. P. Thompson.....	864,874	Sept. 3	176	50	130	55
Floor-set.....	A. Ayers.....	847,272	Mar. 12	3098	683	127	812
Floor-set.....	C. L. Hopkins.....	863,394	Aug. 13	2059	556	129	2760
Floor, sidewalk, roof, and like support.....	P. H. Jackson.....	854,502	May 21	4282	886	128	1165
Floor-slab.....	C. B. Grady.....	872,726	Dec. 3	863	178	131	1302
Floor-surfacer.....	C. W. Miles.....	870,836	Nov. 12	1538	422	131	531

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Floor surfacer, cleaner, and polisher	A. T. Spence, S. B. Zimmer, and J. H. Prugh. (Reissue.)	12,681	Aug. 20	3180	878-9	129	3136
Floor-surfacing machine	A. Poelke.	848,322	Mar. 26	5238	1143	127	1410
Floor-surfacing machine	G. J. Kiebler and J. P. Stahl.	850,229	Apr. 16	3108	650	127	2452
Floor-surfacing machine	W. L. Taft and A. N. Verdin.	867,620	Oct. 8	606	171-2	130	1519
Floor-surfacing machine	G. S. Mathews.	870,982	Nov. 12	1788	486	131	609
Floor-washer	A. Lord.	861,528	July 30	4978	1368	129	1764
Floor-waxing machine	C. B. Wattles.	852,087	Apr. 30	6820	1421	127	3462
Flooring	W. Holt and J. A. Smith.	843,817	Feb. 12	1922	412	126	2310
Flooring	J. McIntyre.	851,768	Apr. 30	6133	1282	127	3286
Flooring	F. Burchartz.	875,318	Dec. 31	6152	1284	131	2277
Flooring and making the same	G. H. Bennett.	867,637	Oct. 8	632	178	130	1527
Flooring. Tile.	L. W. Mulford.	841,993	Jan. 22	4429	954	126	1246
Flooring. Wood block for.	W. C. Morrill.	845,107	Feb. 26	4758	1009	126	3090
Floral decoration. Artificial.	B. Levi.	847,669	Mar. 19	3928	857	127	1052
Floral design	L. J. Olden.	849,696	Apr. 9	2119	436	127	2162
Flour and feed packing machine	M. C. Ellison.	863,596	Aug. 20	2365	646-7	129	2882
Flour and grading grain. Machine for bolting	U. Seck.	841,585	Jan. 15	3581	777-8	126	1001
Flour-bin	G. Kraus.	857,076	June 18	3190	671	128	2575
Flour. Bleaching and aging.	J. A. Wesener.	863,684	Aug. 20	2482	685	129	2920
Flour-bolting machine	M. C. and I. C. Landes.	864,174	Aug. 27	3225	893	129	3178
Flour, grits, and the like. Apparatus for aerating and cleaning	C. Trettau.	845,016	Feb. 19	4560	971	126	2997
Flour purifier, aspirator, and bleacher	S. T. Wilson.	843,783	Feb. 12	1865	398	126	2295
Flower-band mold.	A. M. Lockard.	845,561	Feb. 26	5639	1194	126	3309
Flower-pot	C. J. Schmidt.	869,523	Oct. 29	3648	1000	130	2530
Flower-pot hanger.	A. Van Leeuwen, Jr.	858,840	July 2	837	217	129	289
Flower-pot. Knockdown.	C. U. E. Norum.	861,046	July 23	4221	1156	129	1485
Flower-pot machine	C. Schwarzkopf.	850,323	Apr. 16	3274	683	127	2499
Flower-stand	P. J. Sandhofer.	841,574	Jan. 15	3556	767-8	126	995
Flower-support	C. H. Martens.	863,620	Aug. 20	2400	660	129	2894
Flowers. Apparatus for manufacturing artificial	L. Shogran.	860,578	July 16	3467	953	129	1211
Flowers. Machine for the manufacture of artificial	A. Brodtauf and H. Fues.	858,367	July 2	10	4-5	129	5
Flowers, &c. Portable stand for	J. F. Bastel.	875,235	Dec. 31	5985	1247	131	2252
Flue-beater tool.	L. A. Tinnes.	855,363	May 28	5995	1251	128	1628
Flue-cleaner	G. C. French.	844,928	Feb. 19	4384	937	126	2953
Flue-cleaner	W. J. McCormick.	846,234	Mar. 5	1034	222	127	263
Flue-cleaner	E. C. Phillips.	847,813	Mar. 19	4239	928	127	1123
Flue-cleaner	L. C. Kleidon.	851,134	Apr. 23	4823	1017	127	2927
Flue-cleaner	A. Müller.	865,653	Sept. 10	1396	396	130	456
Flue cleaner. Chimney.	W. H. Perry.	872,080	Nov. 26	4096	981	131	1054
Flue cleaner or blower. Steam-	J. C. Bennett.	861,350	July 30	4705	1285	129	1681
Flue-cleaners. Turbine for.	T. Coates.	854,716	May 28	4715	981	128	1301
Flue-cutter	F. E. Shimer.	843,499	Feb. 5	1316	277	126	2122
Flue-cutter	B. J. O'Neill.	859,574	July 9	1945	524	129	683
Flue-cutter	G. Sorenson.	870,800	Nov. 12	1478	399	131	513
Flue-dust. Recovering values from	R. Baggaley.	846,818	Mar. 12	2214	485	127	593
Flue-expander	J. F. Brown.	843,865	Feb. 12	2020	434	126	2332
Flue-hole stopper	G. W. Knapp.	853,177	May 7	1602	333	128	405
Flue-joint structure	A. Legett.	832,278	Apr. 30	7169	1504	127	3549
Flue or chimney cap. Adjustable	J. M. Barnes.	841,660	Jan. 22	3741	812	126	1073
Flue-plugging device	W. H. Tracy.	855,735	June 4	573	117	128	1843
Flue-sections. Means for connecting	V. C. Howe.	869,710	Oct. 29	3951	1090	130	2623
Flue-stop	J. H. Kinley.	840,343	Jan. 1	1107	241	126	296
Flue-stop	W. Weller.	843,855	Feb. 12	2004	430	126	2929
Flue-stop	C. W. Reynolds, Jr.	849,640	Apr. 9	2026	416	127	2139
Flue-stop	G. A. Higgins.	868,665	Oct. 22	2301	639	130	2087
Flue-stopper	A. E. Gowin.	874,672	Dec. 24	4847	1018	131	2044
Flue-stopper	J. W. De Weese.	854,986	May 28	5254	1094	128	1441
Flue-support	E. I. Sheldon.	866,526	Sept. 17	2717	759	130	911
Fluid-actuating means	W. L. Williamson.	851,720	Apr. 30	6060	1265	127	3268
Fluid-agitator	R. Conrad.	865,296	Sept. 3	816	235-6	130	247
Fluid and oil burner	J. F. Perkins.	849,083	Apr. 2	940	192	127	1827
Fluid-brake	L. B. Bullington.	856,334	June 11	1754	364	128	2171
Fluid-brake. Automatic	W. Heilemann.	869,366	Oct. 29	3397	934	130	2455
Fluid charging and discharging device. Compressed.	T. Gunderson.	861,588	July 30	5078	1393-4	129	1797
Fluid charging and discharging device. Compressed.	G. A. Bobrick.	867,942	Oct. 15	1147	316	130	1706
Fluid-check device	G. A. Bobrick.	873,984	Dec. 17	3410	727	131	1786
Fluid-conducting pipe	J. C. Phipps.	846,943	Mar. 12	2471	545	127	657
Fluid-controlling device	A. L. Breckenridge.	863,695	Aug. 20	2497	689	129	2926
Fluid-cooler	S. Z. de Ferranti.	842,393	Jan. 29	5274	1119-20	126	1495
Fluid-distributing apparatus	A. R. and F. S. Welch.	863,337	Aug. 13	1980	533	129	2733
Fluid-forcing apparatus	E. J. St. Croix.	863,666	Aug. 20	2460	678	129	2913
Fluid from saturated material. Device for extracting	E. Richter.	842,012	Jan. 22	4456	958	126	1252
Fluid-gage	W. S. MacHarg.	859,309	July 9	1538	410-11	129	551
Fluid-gage or indicator	M. Martin. (Reissue.)	12,686	Aug. 27	4171	1158	129	3474
Fluid-heater. Electrical.	J. J. Tokheim.	874,643	Dec. 24	4793	1006	131	2036
Fluid-heating apparatus	M. H. Shoenberg.	852,854	May 7	989	204	128	251
Fluid-joint. Flexible	A. Zivi.	849,878	Apr. 9	2474	508	127	2254
Fluid-joint. Flexible	C. G. Hawley.	840,324	Jan. 1	1075	234	126	287
Fluid-joint. Flexible	C. G. Hawley.	840,325	Jan. 1	1076	234	126	287
Fluid-mixer	C. G. Hawley.	848,169	Mar. 26	4920	1075	127	1330
Fluid-mixing apparatus	H. Bucklin.	874,737	Dec. 24	4986	1050	131	2066
Fluid-motor	C. A. Carlson.	847,552	Mar. 19	3666	809	127	987
Fluid-motor	C. L. Wilkins.	840,886	Jan. 8	2198	484	126	602
Fluid-motor	H. W. Kimes.	866,591	Sept. 17	2811	787-8	130	941
Fluid-motor	H. W. Kimes.	866,592	Sept. 17	2814	788-9	130	941
Fluid-operating machines. Plunger-cleaning means for	W. T. Sears.	847,119	Mar. 12	2795	618	127	736
Fluid-pressor. Electrically-driven	A. H. Gibson.	845,406	Feb. 26	5351	1135	126	3236
Fluid-pressure and motor controller. Automatic	W. J. Bell.	850,412	Apr. 16	3446	722	127	2543
Fluid-pressure brake	A. Parker-Smith.	839,882	Jan. 1	161	37	126	45
Fluid-pressure brake	A. Parker-Smith.	839,883	Jan. 1	164	37	126	40
Fluid-pressure brake	A. Parker-Smith.	839,884	Jan. 1	165	37	126	47
Fluid-pressure brake	W. H. Sauvage.	839,893	Jan. 1	181	41	126	51

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Fluid-pressure brake.....	W. H. Sauvage.....	842,424	Jan. 29	5352	1133	126	1518
Fluid-pressure brake.....	W. H. Sauvage.....	842,425	Jan. 29	5355	1133-4	126	1519
Fluid-pressure brake.....	W. P. A. Macfarlane.....	845,366	Feb. 26	5270	1118	126	3217
Fluid-pressure brake.....	W. P. A. Macfarlane.....	845,713	Feb. 26	5937	1254-5	126	3382
Fluid-pressure brake.....	H. H. Westinghouse.....	847,711	Mar. 19	4010	876	127	1072
Fluid-pressure brake.....	F. L. Clark.....	851,277	Apr. 23	5151	1082-3	127	3010
Fluid-pressure brake.....	W. H. Sauvage.....	852,525	May 7	292	53	128	79
Fluid-pressure brake.....	W. H. Sauvage.....	852,526	May 7	294	53-4	128	80
Fluid-pressure brake.....	W. H. Sauvage.....	852,527	May 7	296	54	128	81
Fluid-pressure brake.....	F. L. Clark and W. V. Turner.....	854,148	May 21	3627	749	128	995
Fluid-pressure brake.....	W. V. Turner and R. H. Blackall.....	857,911	June 25	4811	1020	128	3011
Fluid-pressure brake.....	W. V. Turner and F. L. Clark.....	857,912	June 25	4813	1020	128	3012
Fluid-pressure brake.....	R. A. Parke.....	869,592	Oct. 29	3764	1030-1	130	2567
Fluid-pressure brake.....	G. Westinghouse.....	869,606	Oct. 29	3794	1038	130	2577
Fluid-pressure brake.....	W. V. Turner.....	870,806	Nov. 12	1493	408	131	518
Fluid-pressure brake.....	W. V. Turner.....	874,260	Dec. 17	4013	847-8	131	1877
Fluid-pressure brake mechanisms. Coupling apparatus for.....	G. E. Kelly and G. F. Royer.....	845,874	Mar. 5	290	59-60	127	74
Fluid-pressure-controlling device.....	G. H. Gilman.....	851,878	Apr. 30	6371	1329	127	3349
Fluid-pressure-controlling means.....	F. E. Kinsman.....	870,630	Nov. 12	1201	325	131	427
Fluid-pressure engine.....	R. H. Stollar.....	840,394	Jan. 1	1233	269-70	126	324
Fluid-pressure engine.....	J. H. Allen and T. Vickers.....	844,437	Feb. 19	3158	679	126	2655
Fluid-pressure engine.....	J. F. Mitchell.....	855,799	June 4	681	139-40	128	1868
Fluid-pressure engine.....	I. E. Barricklow.....	874,823	Dec. 24	5130	1081	131	2094
Fluid-pressure lines. Safety means for.....	G. J. Henry, Jr.....	853,785	May 14	2853	587	128	767
Fluid-pressure motor.....	E. B. Badcock.....	850,108	Apr. 9	2861	599-600	127	2348
Fluid-pressure motor.....	L. Boudreaux and L. Verdet.....	860,125	July 16	2784	759-60	129	985
Fluid-pressure motor.....	S. Otis.....	869,453	Oct. 29	3540	970	130	2499
Fluid-pressure plunger.....	E. H. Mumford.....	846,685	Mar. 12	1952	429	127	527
Fluid-pressure-regulating device.....	G. Dalén.....	855,620	June 4	339	69	128	1781
Fluid-pressure regulator.....	W. J. Richards.....	843,033	Feb. 5	385	85	126	1889
Fluid-pressure regulator.....	L. B. Fulton.....	845,708	Feb. 26	5927	1252-3	126	3381
Fluid-pressure regulator.....	L. B. Fulton.....	863,528	Aug. 13	2248	609	129	2816
Fluid-pressure regulator.....	A. J. Morehart.....	866,503	Sept. 17	2679	749	130	901
Fluid-pressure suction apparatus.....	E. S. E. von Lindenstamm.....	842,100	Jan. 22	4616	990	126	1289
Fluid-pressure system.....	W. J. Richards.....	858,469	July 2	173	44	129	62
Fluid-pressure system.....	W. J. Richards.....	858,470	July 2	177	44	129	54
Fluid-pressure system.....	S. B. Stewart, Jr.....	864,344	Aug. 27	3478	968	129	3257
Fluid-pressure system.....	W. J. Richards. (Reissue).....	12,737	Dec. 31	6978	1482	131	2395
Fluid-pressure tool.....	F. M. Faber.....	853,201	May 7	1672	346	128	421
Fluid-regulator.....	T. Lowe.....	844,946	Feb. 19	4412	943	126	2960
Fluid shut-off. Automatic.....	E. L. Cridge.....	844,923	Feb. 19	4378	935	126	2952
Fluid substances. Press for forming thick.....	C. F. Jr., and S. Mueller.....	854,375	May 21	4040	835	128	1105
Fluid-supply systems. Fitting for.....	E. H. Gold.....	872,338	Dec. 3	36	7	131	1175
Fluid-transferring connector.....	C. J. Coleman.....	864,079	Aug. 20	3068	848	129	3102
Fluids. Apparatus for the mechanical clarification of.....	W. Rottmann.....	839,892	Jan. 1	178	40	126	50
Fluids between vehicles. Metallic coupling for the conveyance of.....	H. J. S. Martin.....	862,088	July 30	5848	1622	129	2033
Fluids. Rate-regulating device for.....	F. N. Connet.....	863,264	Aug. 13	1877	506	129	2699
Flume-gate.....	A. E. Chapman.....	847,160	Mar. 12	2867	632	127	755
Flume-gate.....	F. M. Huntoon.....	868,863	Oct. 22	2613	722	130	2182
Flush receptacle and plug.....	G. P. Whittlesey.....	866,105	Sept. 17	2121	590	130	724
Flush switch.....	H. Hubbell.....	857,177	June 18	3388	715	128	2624
Flush-tank.....	C. J. Akins.....	841,213	Jan. 15	2865	623	126	816
Flush-tank.....	F. H. Lindenberg and C. B. Delany.....	853,705	May 14	2699	556	128	728
Flush-tank.....	O. F. Glidden.....	865,300	Sept. 3	825	238	130	250
Flush-tank.....	A. H. Harman.....	872,935	Dec. 3	1280	273	131	1369
Flush-tank.....	R. E. Bristow.....	874,565	Dec. 24	4638	974	131	2068
Flush-tank.....	W. L. Reed.....	875,457	Dec. 31	6420	1340	131	2322
Flush-tank. Automatic.....	S. A. and W. H. Palmer.....	847,361	Mar. 19	3288	722	127	886
Flushing apparatus.....	C. B. Day.....	841,487	Jan. 15	3414	736	126	960
Flushing apparatus.....	P. W. Landell and J. B. Williams.....	866,368	Sept. 17	2508	699-700	130	847
Flushing apparatus. Closet.....	W. Kessolring.....	860,548	July 16	3415	938	129	1193
Flushing apparatus. Sewer.....	E. L. Wagner.....	866,244	Sept. 17	2309	645	130	782
Flushing-cistern.....	T. Smith.....	869,530	Oct. 29	3658	1002	130	2534
Flushing-closet.....	E. T. Webster.....	848,792	Apr. 2	354	71	127	1680
Flushing device.....	J. D. Tschopik and N. G. Goreau.....	870,597	Nov. 12	1132	309	131	400
Flushing device. Automatic.....	O. F. Kadow and J. H. Lyons.....	873,554	Dec. 10	2563	541	131	1610
Flushing device for rag-engine vats.....	E. A. Peterson.....	843,965	Feb. 12	2214	474	126	2382
Flushing machine. Street.....	J. L. Hopkins.....	858,602	July 2	420	109	129	149
Flushing-tank.....	F. Findeisen.....	840,613	Jan. 8	1675	368	126	473
Flushing-tank.....	C. J. Akins.....	841,214	Jan. 15	2867	624	126	817
Flushing-tank.....	C. Williams.....	849,708	Apr. 19	2142	440	127	2168
Flushing-tank.....	C. Williams.....	850,989	Apr. 23	4559	955	127	2862
Flushing-tank.....	W. McCormick and H. Barnes.....	865,423	Sept. 10	1024	293	130	340
Flushometer.....	R. A. Brooks.....	849,105	Apr. 2	994	201	127	1842
Flute.....	E. H. Wurlitzer.....	859,714	July 9	2157	582	129	751
Fluting-machine.....	R. F. Kunze.....	865,188	Sept. 3	647	183	130	197
Flux.....	C. Ellis.....	852,017	Apr. 30	6700	108	127	3432
Fly-catcher.....	E. K. Storer.....	845,865	Apr. 2	549	1160	127	1730
Fly-catcher.....	C. A. Arents.....	851,478	Apr. 23	5539	1160	127	3105
Fly-catching appliance.....	H. Moss.....	863,083	Aug. 13	5505	408	129	2583
Fly-paper.....	E. V. R. Gardiner.....	862,440	Aug. 6	613	163	129	2280
Fly-screen.....	T. Norum.....	841,140	July 23	4353	1193	129	1530
Fly-trap.....	J. O. Windust.....	840,278	Jan. 1	987	214-15	126	266
Fly-trap.....	I. Hansen.....	855,308	May 28	5902	1230	128	1605
Fly-trap.....	G. T. Haan.....	856,055	June 4	1162	245	128	1987
Fly-trap.....	L. Brugel and O. Fassmann.....	856,128	June 4	1305	273	128	2022
Fly-trap.....	W. J. D. Branscom.....	859,734	July 9	2181	590	129	759
Fly-trap.....	B. Lenther.....	862,079	July 30	5832	1617	129	2027
Fly-trap.....	G. W. Stein.....	866,398	Sept. 17	2545	709	130	857
Fly-trap.....	G. C. McGee.....	860,879	Sept. 24	3261	917	130	1117
Fly-trap for attachment to windows.....	W. J. Posakony.....	854,910	May 28	5120	1065	128	1408
Fly-trap shed.....	W. H. Harbuck.....	870,360	Nov. 5	791	211	131	258
Flying apparatus.....	A. Brandl.....	849,971	Apr. 9	2625	548	127	2291
Flying-machine.....	W. Morgan.....	843,476	Feb. 5	1265	265-6	126	2109

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Flying-machine.	A. P. Bliven.	850,616	Apr. 16	3841	802-3	127	2642
Flying-machine.	M. Nial.	851,895	Apr. 30	6399	1336	127	3356
Flying-machine.	B. Connolly.	852,221	Apr. 30	7077	1479	127	3527
Flying-machine.	R. Lewitz.	856,073	June 4	1189	252-3	128	1994
Flying-machine.	W. Phillips.	856,910	June 11	2861	598	128	2450
Flying-machine.	F. E. Felts.	857,166	June 18	3363	709	128	2618
Flying-machine.	J. H. Wilson.	859,274	July 9	1480	395	129	531
Flying-machine.	W. H. Cook.	860,447	July 16	3277	895	129	1147
Flying-machine.	E. M. La Penotiere.	861,740	July 30	5304	1462	129	1862
Flying-machine.	A. O'Brate.	866,672	Sept. 24	2941	832	130	1011
Flying-machine.	A. O'Brate.	866,673	Sept. 24	2943	832-3	130	1011
Flying-machine.	A. O'Brate.	867,525	Oct. 1	449	128-9	130	1454
Flying-machine.	J. W. Roshon.	868,488	Oct. 15	1997	557	130	1964
Flying-machine.	J. D. Pursell.	869,019	Oct. 22	2850	786-7	130	2257
Flying-machine air-propeller.	L. Gathmann.	871,926	Nov. 26	3731	909	131	1002
Flying-machines or air-ships. Mechanism for winged.	J. U. de Uherkocz.	868,038	Oct. 15	1305	362-3	130	1756
Flying-machines or air-ships. Steering-gear for winged.	J. U. de Uherkocz.	868,039	Oct. 15	1307	363	130	1756
Flying shears for rod or bar mills.	W. H. Stanton.	871,532	Nov. 19	2931	731	131	844
Fob and purse. Combined.	R. Heine.	873,431	Dec. 10	2314	484	131	1569
Focusing attachment.	E. S. Ballou.	873,204	Dec. 10	1869	392	131	1493
Focusing-cloth.	J. H. Angle.	848,798	Apr. 2	370	73	127	1683
Fodder-cutter.	G. A. Booze.	850,727	Apr. 16	4065	850	127	2698
Fodder-cutter.	F. G. Harrison.	860,916	July 23	4002	1097-8	129	1416
Fodder-tie.	C. W. Buell.	863,018	Aug. 13	1478	403	129	2575
Fodder-tie.	H. A. Y. Burkhart.	872,643	Dec. 3	680	142	131	1275
Fodder tie. Corn-	F. Bullinger.	860,727	July 23	3714	1017	129	1322
Fog-signal.	T. L. Willson.	861,786	July 30	5385	1486	129	1888
Foldable box.	J. E. Turton, Jr., and J. T. Henshaw.	875,014	Dec. 31	5563	1162	131	2181
Folding box.	J. Ewald.	863,521	Aug. 13	2238	605	129	2813
Folding box.	B. Rapeport.	869,517	Oct. 29	3639	997	130	2528
Folding box.	J. T. Ferres.	869,833	Oct. 29	4133	1141	130	2676
Folding chair.	W. Gymer.	844,674	Feb. 19	3891	823	126	2828
Folding chair.	H. W. Spindler.	847,707	Mar. 19	4003	875	127	1070
Folding chair.	C. J. Van Valkenburg.	849,584	Apr. 9	1932	395	127	2115
Folding chair.	W. Gymer.	855,770	June 4	632	129	128	1857
Folding chair.	M. T. Bedford.	855,872	June 4	835	173	128	1905
Folding chair.	G. H. Strand.	860,421	July 16	3232	884	129	1131
Folding chair.	W. H. Thomas.	870,260	Nov. 5	607	163	131	198
Folding-machine.	W. Spalckhaver.	839,899	Jan. 1	197	44	126	55
Folding-machine.	F. W. Thomas.	866,746	Sept. 24	3061	863-4	130	1055
Folding-machine.	B. A. Slocum.	868,024	Oct. 15	1282	355-6	130	1748
Folding-machine.	E. H. Brown.	870,343	Nov. 5	747	200	131	246
Folding-machine delivery mechanism.	S. Wheeler.	852,089	Apr. 30	6825	1422-3	127	3463
Folding-machine sheet-registering device.	H. K. King.	844,809	Feb. 19	4174	890-1	126	2902
Folding mat.	O. Martin.	841,263	Jan. 15	2963	644	126	841
Folding rack.	J. J. Ronan and J. F. Barry.	864,566	Aug. 27	3865	1072	129	3381
Folding rack for poultry, &c.	P. H. Deis.	858,159	June 25	5340	1135	128	3147
Folding stand. Automatic.	S. T. Collins and G. Browning.	846,552	Mar. 12	1676	371	127	456
Folding table.	C. T. Ridgely.	846,143	Mar. 5	871	182-3	127	222
Folding table.	J. A. Keck.	862,484	Aug. 6	648	174	129	2289
Folding table.	W. C. and F. J. Van Cise.	866,699	Sept. 24	2981	846	130	1022
Folding table and clothes-rack. Combined.	H. W. Funk.	861,453	July 30	4885	1339	129	1734
Folding table and receptacle. Combined.	J. E. Loftin.	875,195	Dec. 31	5912	1232	131	2240
Folding table, form, and the like.	W. and W. J. Cassels.	873,118	Dec. 10	1704	356	131	1467
Font.	J. M. Thomas.	848,069	Mar. 26	4765	1040	127	1290
Food and making same. Cattle.	G. F. Ahlers.	854,791	May 28	4862	128	1340	
Food. Cattle.	W. F. Warren.	842,281	Jan. 29	5020	126	1425	
Food-chopper.	J. A. Hurley.	868,344	Oct. 15	1771	500	130	1896
Food compound and preparing same. Sweetened.	E. D. Chaplin.	851,221	Apr. 23	5030	127	2978	
Food. Cotton-seed.	J. von der Kammer.	873,946	Dec. 17	3335	710	131	1774
Food-cutter.	W. R. Grace and J. J. Colwell.	858,595	July 2	406	104-5	129	144
Food for fowls. Grit.	E. J. Fuchs.	866,641	Sept. 24	2900	130	998	
Food. Manufacturing a ferruginous addition to cattle.	E. Meusel.	866,499	Sept. 17	2676	130	900	
Food-mixer.	R. Moos.	874,524	Dec. 24	4567	958	131	1995
Food-package. Graduated.	G. Waechter.	866,243	Sept. 17	2308	644	130	782
Food product.	A. Morel-Lautier.	845,472	Feb. 26	5489	126	3271	
Food product.	J. H. Kellogg.	869,371	Oct. 29	3403	130	2456	
Food product and making the same.	F. H. L. Clarke.	857,445	June 18	3876	128	2745	
Food product from lupine beans. Making a.	A. D. Reis.	874,624	Dec. 24	4753	131	2029	
Food product. Manufacturing a sugarless.	J. Bouma.	855,928	June 4	946	128	1932	
Food product. Preparing a.	W. O. Emery, J. Nerking, and O. Paul.	863,974	Aug. 20	2921	129	3058	
Food products. Apparatus for treating.	D. Genese.	844,512	Feb. 19	3327	716	126	2696
Food substances. Dehydrating.	E. W. Cooke.	840,436	Jan. 1	1310	289	126	342
Food to fish and land animals. Apparatus for supplying.	H. S. Hale.	848,101	Mar. 26	4818	1051	127	1304
Food-warmer.	C. J. Branch.	867,008	Sept. 24	3459	980	130	1190
Foot. Artificial.	J. W. Mahaffey.	854,510	May 21	4297	888	128	1168
Foot-power machines. Device for promoting the impetus of.	A. J. Pierce.	852,034	Apr. 30	6737	1401	127	3441
Foot-press.	J. Costello.	862,611	Aug. 6	861	230	129	2351
Foot-protecting device.	C. E. Passage.	849,811	Apr. 9	2332	478	127	2217
Foot-rest.	H. F. L. Brooks.	848,435	Mar. 26	5456	1189	127	1462
Foot-rest.	W. D. Bagley.	850,458	Apr. 16	3536	739	127	2564
Foot-rest.	C. P. Earley.	873,521	Dec. 10	2492	525	131	1599
Foot-rest and towel-rack. Combined.	F. H. Patrick.	841,889	Jan. 22	4225	910	126	1197
Foot-supporter.	F. F. Wedekind.	865,836	Sept. 10	1708	474	130	567
Foot-tub.	E. Y. Ely.	847,324	Mar. 19	3202	704	127	865
Foot-warmer.	C. H. Whitaker.	865,220	Sept. 3	702	199	130	212
Footwear-cleaning machine.	O. Müller.	859,458	July 9	1760	471	129	624
Footwear. Wet-proof.	J. A. Kelly.	854,361	May 21	4015	830	128	1100
Forage-treating apparatus.	T. H. Mapp.	858,302	June 25	5587	1194-5	128	3216
Force draft.	N. S. V. Hamel.	849,678	Apr. 9	2095	431	127	2150

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Force-feed lubricator	C. B. Hodges	841,249	Jan. 15	2934	639	126	834
Force-feed lubricator	F. W. Hodges	841,250	Jan. 15	2936	639	126	835
Force-feed lubricator	C. B. Hodges	854,948	May 28	5183	1079-80	128	1423
Force-feed lubricator	J. F. McCanna	861,757	July 30	5332	1471	129	1871
Force-feed lubricator	A. Finch	868,174	Oct. 15	1489	421	130	1810
Force-feed lubricator	A. A. Stelting	868,585	Oct. 15	2162	604-5	130	2020
Force-feed sight-lubricator. Multiple	A. P. Klumph	871,418	Nov. 19	2682	681	131	806
Forceps. Swaging	P. A. Mercer	859,095	July 2	1205	324	129	407
Forebay construction	J. E. Sirrine	854,539	May 21	4347	899-900	128	1180
Forehead and ear protector	M. E. Lineweaver	849,548	Apr. 9	1859	378	127	2097
Forehead-band	C. W. Mabey	854,509	May 21	4296	888	128	1168
Forehearth	C. M. Allen	856,616	June 11	2334	479	128	2319
Forge	R. Kraatz	841,159	Jan. 15	2768	604	126	793
Forge. Drill	L. G. Ross	861,905	July 30	5560	1536	129	1941
Forging car and like wheels	J. M. Hansen	866,020	Sept. 17	1982	552-3	130	680
Forging car-wheel treads. Apparatus for	J. M. Hansen	866,022	Sept. 17	1987	553	130	681
Forging car-wheels	J. M. Hansen	866,025	Sept. 17	1992	555	130	683
Forging car-wheels. Apparatus for	J. M. Hansen	866,026	Sept. 17	1995	555-6	130	683
Forging in dies. Apparatus for	E. Lelong	875,443	Dec. 31	6399	1334	131	2318
Forging-machine	M. M. Morrison	840,578	Jan. 8	1608	352-3	126	455
Forging-machine	J. R. Blakeslee, Jr.	868,321	Oct. 15	1741	491	130	1886
Forging wheel-blanks	J. M. Hansen	866,023	Sept. 17	1989	553-4	130	682
Forging wheel-blanks. Apparatus for	J. M. Hansen	866,021	Sept. 17	1986	553	130	681
Forging wheels. Apparatus for	J. M. Hansen	866,024	Sept. 17	1991	554	130	682
Fork:							
See Barn-fork. Loom weft-fork.							
Carving-fork. Manure-fork.							
Grappling-fork. Pitchfork.							
Hay-fork. Serving-fork.							
Fork	F. Lotter	843,472	Feb. 5	1246	261	126	2105
Fork	H. H. Pofahl	848,922	Apr. 2	643	129	127	1752
Fork	W. Hazzard	856,635	June 11	2367	487	128	2327
Fork	L. L. Pratt	856,806	June 11	2676	552	128	2406
Fork	E. F. Webb	858,429	July 2	102	29	129	35
Fork	W. J. Jerkins	868,094	Oct. 15	1386	388	130	1779
Fork and analogous implement	S. J. Large	860,219	July 16	2931	801	129	1031
Fork and hook. Combined	H. M. Schlessner	862,762	Aug. 6	1094	294	129	2418
Fork and rake. Combination	R. T. Hazzard	870,955	Nov. 12	1740	476	131	595
Fork and rake. Convertible	C. C. Tyler	846,264	Mar. 5	1081	234	127	275
Fork and spoon. Combined	J. King	854,745	May 28	4768	990	128	1316
Fork, egg-beater, and dish-lifter. Combined	H. J. Vasconcelles	865,620	Sept. 10	1360	385	130	445
Fork or grapple	H. H. Mills and S. Wade ..	860,403	July 16	3210	878	129	1125
Fork, spoon, knife, and can-opener. Combined	C. G. Aufrechtig	849,098	Apr. 2	965	197	127	1833
Form and arm-pad. Combined bust	D. Harrison	861,115	July 23	4318	1185	129	1520
Form. Arm-scyce bust	C. H. Scott	842,715	Jan. 29	5995	1264	126	1675
Form. Bosom-	V. R. Runyon	856,914	June 11	2871	601	128	2452
Form. Bust-	L. A. Bachman	862,376	Aug. 6	458	120	129	2223
Form. Dress-	R. Corsensky	872,406	Dec. 3	179	35-6	131	1196
Form. Garment-	C. Frankel	842,877	Feb. 5	71	16-17	126	1809
Form. Garment-	A. L. Traviss	856,004	June 4	1079	224	128	1967
Form. Garment-	W. F. and E. T. Palmenberg ..	874,232	Dec. 17	3967	837	131	1868
Form. Garment shaping and pressing	S. E. Duggins	872,718	Dec. 3	841	175	131	1300
Form marker. Bust-	A. Waterman	843,378	Feb. 5	1087	225	126	2065
Forms. Apparatus for constructing dress-	L. Lemcke	874,091	Dec. 17	3690	776-7	131	1820
Forms. Duplicating	G. L. Anderman	851,391	Apr. 23	5378	1127-8	127	3067
Forms. Manufacture of solid	G. Egly	866,444	Sept. 17	2605	738	130	880
Forming-die	H. S. Albrecht	868,902	Oct. 22	2669	738	130	2201
Forming-machine	G. H. Petri	854,308	May 21	3924	809-10	128	1076
Formaldehyde and product thereof. Preventing oxidation of	L. H. Reuter	853,265	May 14	1804	.....	128	489
Formaldehyde. Generating	A. Eichengrün	875,415	Dec. 31	6346	.....	131	2309
Formaldehyde-generator	R. W. Dodge	844,855	Feb. 19	4259	908	126	2923
Formaldehyde preparation	H. S. Blackmore	854,452	May 21	4198	.....	128	1145
Formaldehyde preparations. Producing	P. Rosenberg	849,815	Apr. 9	2337	.....	127	2218
Formaldehyde sulfoxylates. Making	R. Müller and W. Wollenberg ..	841,999	Jan. 22	4432	.....	126	1246
Formates. Making	C. Ellis and K. P. McElroy ..	875,055	Dec. 31	5640	1177	131	2194
Foundations, dams, sea-walls, and the like. System of construction for	F. Hennebique	868,092	Oct. 15	1380	387	130	1777
Foundry apparatus	G. B. and J. A. Hayes	870,511	Nov. 5	1005	273-4	131	324
Foundry-molds. Machine for making	G. P. Mehaffey	865,511	Sept. 10	1175	334	130	385
Fountain:							
See Cologne-fountain. Soda-fountain.							
Drinking-fountain. Stock-fountain.							
Poultry-fountain.							
Printing-press ink-fountain.							
Printing-press inking-fountain.							
Printing-press paste-fountain.							
Fourdrinier machine	W. Eibel	845,224	Feb. 26	4978	1059	126	3146
Fourdrinier machine	W. Eibel	851,227	Apr. 23	5042	1061	127	2981
Fowl-beheading device	H. H. Holdren	873,436	Dec. 10	2321	487	131	1571
Fowl-supporting device	H. M. Vanderbilt	849,290	Apr. 2	1344	271	127	1931
Fowls. Registering means for	L. S. Linder	843,023	Feb. 5	374	82	126	1886
Fracture apparatus	S. G. Hubbell	848,173	Mar. 26	4928	1076-7	127	1332
Fragile vessels. Protective device for	S. Ferguson	850,633	Apr. 16	3902	813	127	2658
Frame:							
See Automobile-frame. Canopy-supporting frame.							
Automobile folding-seat frame.	Car-frame.						
Bag-frame.	Car-roof frame.						
Basket carrier-frame.	Carrier-frame.						
Beam-frame.	Chart-frame.						
Beehive-frame.	Chute-frame.						
Bicycle and tricycle frame.	Clothes-drying frame.						
Blue-printing frame.	Coal-drill-supporting frame.						
Canopy-frame.	Concrete-wall frame.						

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Frame (Continued):							
See Core-supporting frame.	Picture-frame.						
Curtain-light frame.	Pool-ball frame.						
Curtain-stretcher frame.	Post-card frame.						
Display-frame.	Printing-frame.						
Door-frame.	Pulley-frame.						
Drying-frame.	Quilting-frame.						
Dyeing-frame.	Roving and spinning frame.						
Embroidery-frame.	Saddle-frame.						
Engine-frame.	Sash-frame.						
Eyeglass-frame.	Scoop-frame.						
Fancy-work frame.	Shovel A-frame.						
Fireproof window-frame.	Soap-frame.						
Furnace-door frame.	Spinning-frame.						
Hat-frame.	Spinning and doubling frame.						
Hot-bed frame.	Stencil-frame.						
Lantern-frame.	Stretcher-frame.						
Loading-frame.	Stretcher-supporting frame.						
Log-loader frame.	Tent-frame.						
Loom heddle-frame.	Tie-frame.						
Machine-frame.	Truck-frame.						
Mattress-frame.	Truck side frame.						
Mosquito-netting frame.	Twisting-frame.						
Necktie-frame.	Vehicle-frame.						
Number-frame.	Vehicle-hood frame.						
Oil-press frame.	Voting-machine frame.						
Piano-action frame.	Window-frame.						
Frame.	J. F. Brady.	861,253	July 30	4537	1241	129	1622
Frame and back-retaining device therefor.	R. A. Nock.	872,673	Dec. 3	744	155	131	1285
Frame and handle structure.	S. B. Feuerstein.	848,020	Mar. 26	4683	1021	127	1270
Frame-clamp.	C. W. Lawson.	840,777	Jan. 8	1985	439	126	551
Frame-joint.	E. G. Budd.	844,245	Feb. 12	2753	586-7	126	2516
Frames and tubes. Manufacture of.	E. C. F. Verschave.	840,271	Jan. 1	967	210	126	261
Freezer.	J. H. McKinney.	850,442	Apr. 16	3511	735	127	2559
Freezer and refrigerator car. Combined.	O. M. Stimson. (Reissue)	12,630	Apr. 9	2899	605-6	127	2356
Freezing apparatus.	F. Eckart.	856,234	June 11	1518	319	128	2110
Freezing-machine.	J. B. Schäfer.	860,828	July 23	3861	1059	129	1370
Freezing of water-hydrants. Means for the prevention of.	J. Pye.	847,294	Mar. 12	3134	690	127	821
Frequency and volt indicator.	J. F. Begole.	845,922	Mar. 5	411	84	127	106
Frequency-changer.	E. F. W. Alexanderson.	859,359	July 9	1626	433-4	129	580
Frequency-changer.	W. S. Bralley.	869,413	Oct. 29	3470	953	130	2477
Frequency-changer.	J. E. Noeggerath.	872,535	Dec. 3	472	98	131	1240
Frequency-indicator.	A. S. Langsdorf.	845,956	Mar. 5	475	97	127	123
Frequency-meter.	W. H. Freedman.	843,267	Feb. 5	887	181-2	126	2018
Friction-coupling.	H. H. Benn.	850,462	Apr. 16	3541	740-1	127	2566
Friction-cover can or vessel. Open-mouth.	G. W. Weber.	853,488	May 14	2244	468	128	609
Friction device.	V. G. Apple.	856,563	June 11	2223	457	128	2290
Friction-lock.	W. A. Barker.	843,253	Feb. 5	859	175	126	2013
Friction mechanism. Variable-speed.	A. P. Brush.	866,186	Sept. 17	2230	622	130	757
Friction or massage appliance.	W. Bleakley.	851,489	Apr. 23	5560	1166	127	3110
Friction-top can.	K. S. Breckenridge.	863,696	Aug. 20	2498	690	129	2926
Friction-top can.	B. H. Kannenberg.	863,721	Aug. 20	2532	699	129	2937
Fringe-brushing machine.	H. S. Wilcox.	865,840	Sept. 10	1715	476	130	569
Frog.	M. Chila.	855,879	June 4	846	175	128	1908
Front sight.	W. L. Marble.	858,524	July 2	276	68	129	98
Front sight.	W. L. Marble.	872,360	Dec. 3	90	17	131	1181
Frost. Apparatus for ascertaining the probability of.	L. H. Bernel.	871,562	Nov. 19	2993	746	131	854
Frosting or icing pan.	W. F. Morris.	840,083	Jan. 1	586	127	126	156
Fruit and vegetable clipper.	N. A. Carlson.	848,966	Apr. 2	716	145	127	1770
Fruit and vegetable cutter and slicer.	H. Smithson.	863,110	Aug. 13	1638	439	129	2625
Fruit and vegetable grading apparatus.	R. B. Polk.	874,623	Dec. 24	4751	999	131	2029
Fruit and vegetable press.	H. Schwanzara.	859,585	July 9	1960	529	129	688
Fruit. Apparatus for processing.	W. C. Anderson.	849,650	Apr. 9	2043	420	127	2143
Fruit. Apparatus for removing the skin from.	H. A. Beekhuis.	864,944	Sept. 3	280	75-6	130	89
Fruit. Artificial.	S. Miller.	874,415	Dec. 24	4338	913	131	1961
Fruit-bin.	H. C. Bowman.	845,330	Feb. 26	5198	1103	126	3200
Fruit-box.	P. Henrich.	851,132	Apr. 23	4821	1016	127	2925
Fruit-box.	P. Henrich.	874,891	Dec. 24	5256	1107	131	2114
Fruit-brushing machine.	T. Strain.	846,160	Mar. 5	902	190	127	230
Fruit-brushing machine.	T. Strain.	846,161	Mar. 5	903	190	127	230
Fruit-brushing machine.	T. Strain.	846,162	Mar. 5	905	190	127	231
Fruit-cleaner.	M. F. Witt.	866,704	Sept. 24	2989	848	130	1024
Fruit-cleaning apparatus.	F. A. Corey.	848,350	Mar. 26	5293	1155	127	1422
Fruit-clipper.	T. H. Desbanc.	846,732	Mar. 12	2032	447	127	547
Fruit-clipper.	W. C. Myers.	853,313	May 14	1934	400	128	530
Fruit-clipper.	J. C. King.	867,514	Oct. 1	433	123	130	1450
Fruit-evaporator.	M. S. Reatz.	845,317	Feb. 26	5173	1098	126	3194
Fruit-gatherer.	E. H. Denton.	850,355	Apr. 16	3344	697	127	2516
Fruit-gatherer.	A. A. Smith.	852,082	Apr. 30	6808	1418	127	3459
Fruit-gatherer.	G. Saum, Jr.	853,333	May 14	2963	607	128	793
Fruit-gatherer.	W. E. Thompson.	863,672	Aug. 20	2468	681	129	2916
Fruit-gathering apparatus.	E. U. Smith.	872,764	Dec. 3	935	194	131	1315
Fruit-gathering device.	M. J. Sheahan.	865,437	Sept. 10	1047	299	130	347
Fruit-jar.	G. F. Wellhouse.	851,788	Apr. 30	6178	1289	127	3298
Fruit-jar.	N. W. Isley.	863,995	Aug. 20	2948	812	129	3066
Fruit-juice extractor.	O. Persen.	870,124	Nov. 5	390	109	131	130
Fruit-packing device. Dried.	C. F. Fleming.	844,275	Feb. 12	2827	602	126	2534
Fruit-picker.	P. Koerber.	844,601	Feb. 19	3749	789	126	2793
Fruit-picker.	G. A. Berger, Jr.	848,876	Apr. 2	567	113	127	1734
Fruit-picker.	C. B. Hysom.	853,458	May 14	2188	454	128	595
Fruit-picker.	M. B. Fields, Jr.	854,206	May 21	3742	773	128	1027
Fruit-picker.	L. A. Sample.	854,912	May 28	5123	1066	128	1409

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Fruit-picker.....	O. E. Lindfors.....	857,475	June 18	3939	837	128	2761
Fruit-picker.....	R. R. Woodring.....	862,227	Aug. 6	190	53	129	2142
Fruit-picker.....	E. Gier.....	863,380	Aug. 13	2042	552-3	129	2754
Fruit-picker.....	E. Gier.....	864,639	Aug. 27	3975	1103	129	3414
Fruit-picker.....	W. J. Priest.....	866,882	Sept. 24	3264	918	130	1118
Fruit-picker.....	B. Hestness.....	873,234	Dec. 10	1914	402	131	1502
Fruit-picking apparatus	R. Simpson.....	845,484	Feb. 26	5512	1167	126	3277
Fruit-press.....	S. E. Warren.....	871,653	Nov. 19	3145	780-1	131	881
Fruit sack or tray.....	C. W. Brewster.....	853,763	May 14	2822	580	128	719
Fruit. Skinning.....	J. B. Thompson.....	843,311	Feb. 5	976	126	2037	
Fruits and vegetables. Apparatus for removing the skins of	C. D. Monte.....	858,094	June 25	5221	1107	128	3118
Frying machine. Doughnut.....	G. F. Zinn.....	859,717	July 9	2159	583-4	129	752
Frying-pan.....	C. Sullivan.....	867,086	Sept. 24	3586	1017	130	1216
Frying-pan.....	H. L. Mendal.....	871,287	Nov. 19	2389	619	131	762
Frying-pan and folding handle therefor	F. P. O'Neill.....	874,701	Dec. 24	4912	1032	131	2054
Fudge-box.....	J. J. Clause.....	860,637	July 23	3584	983	129	1282
Fuel.....	T. Parker.....	865,724	Sept. 10	1505	130	489	
Fuel and making same. Composition of matter for.	E. L. Culver.....	851,407	Apr. 23	5405	127	3074	
Fuel and making the same. Artificial.	J. A. Herbein.....	849,068	Apr. 2	909	127	1820	
Fuel and making the same. Artificial.	D. Drawbaugh and B. E. Gamble.	867,915	Oct. 8	1065	130	1658	
Fuel. Apparatus for making artificial.	J. J. Shedlock.....	857,417	June 18	3827	811	128	2734
Fuel. Artificial.	J. J. Czepull.....	845,336	Feb. 26	5207	126	3202	
Fuel. Artificial.	J. J. Czepull.....	845,337	Feb. 26	5208	126	3202	
Fuel. Artificial.	D. Drawbaugh and B. E. Gamble.	846,437	Mar. 5	1449	127	365	
Fuel. Artificial.	B. H. Reed.....	856,101	June 4	1237	128	2005	
Fuel. Artificial.	L. Davis.....	865,018	Sept. 3	407	130	125	
Fuel block and producing same. Artificial.	M. M. Kline.....	850,232	Apr. 16	3114	127	2454	
Fuel blocks. Machine for forming artificial.	M. M. Kline.....	850,163	Apr. 16	2974	623-4	127	2416
Fuel briquets. Preparing.....	H. W. Jordan.....	857,287	June 18	3589	128	2675	
Fuel-burning apparatus. Powdered.	R. D. Hassan.....	861,514	July 30	4959	1362	129	1758
Fuel. Consuming.....	E. H. Wade and J. L. Nicholson.	851,330	Apr. 23	5255	1102	127	3037
Fuel-economizer.....	E. B. Freeman.....	869,701	Oct. 29	3938	1086	130	2618
Fuel-economizer soot-cleaner.....	W. Eichelberger.....	858,334	June 25	5641	1207	128	3224
Fuel-feeding device.....	G. W. Gardner.....	870,230	Nov. 5	563	151	131	184
Fuel for heating purposes. Supplying	J. W. Ormsby.....	875,371	Dec. 31	6258	1306	131	2295
	W. T. Kelley and C. W. Hofmeister.	863,646	Sept. 10	1389	394	130	454
Fuel. Manufacturing artificial.	I. Foreman and J. L. Thornton.	864,525	Aug. 27	3780	1050	129	3356
Fuel preparing and feeding apparatus. Fine.	A. A. Day.....	862,720	Aug. 6	1021	273-5	129	2398
Fuel process and production. Artificial.	P. Grayson.....	863,028	Aug. 13	1494	129	2580	
Fuel-regulator. Automatic.....	L. Holben.....	867,042	Sept. 24	3513	997	130	1196
Fulcrum. Reversible.....	C. E. Bauer.....	840,740	Jan. 8	1919	422	126	533
Full-stroke mechanism.....	H. Hopkins.....	860,602	July 16	3507	965	129	1224
Fulling-mill.....	J. E. Dowd.....	854,080	May 21	3381	697	128	934
Fume-destroying composition.....	H. Sanborn.....	854,533	May 21	4336	128	1177	
Fumigator.....	M. R. Fuller.....	860,862	July 23	3914	1073	129	1388
Fumigator.....	J. B. McLaren.....	863,933	Aug. 20	2861	787	129	3040
Funnel.....	H. G. De Veaux.....	843,873	Feb. 12	2043	437	126	2338
Funnel.....	E. L. F. Fraley.....	855,397	May 28	6050	1263-4	128	1641
Funnel.....	W. Dawson.....	865,572	Sept. 10	1281	362	130	418
Funnel.....	W. H. Ash.....	868,394	Oct. 15	1859	521	130	1922
Funnel and measuring-receptacle. Combined.	R. C. Stoewsand.....	853,427	May 14	2125	444	128	578
Funnel. Automatic.....	E. R. Kern.....	847,081	Mar. 12	2732	602-3	127	720
Funnel for fruit-packing machines.	N. B. Converse.....	860,081	July 16	2732	745	129	967
Furnace:							
See Annealing-furnace. Heating and welding							
Annealing and bluing furnace.	furnace.						
Bagasse-furnace.	Hot-air furnace.						
Blast-furnace.	Hot-water furnace.						
Boiler-furnace.	Incinerating-furnace.						
Calcining-furnace.	Ingot-heating furnace.						
Coke-furnace.	Knobbling-furnace.						
Continuous furnace.	Mechanic's furnace.						
Copper-refining furnace.	Melting-furnace.						
	Melting or reducing furnace.						
Crucible-furnace.	Metal-melting furnace.						
Cupola-furnace.	Metallurgical furnace.						
Dental furnace.	Muffle-furnace.						
Drying-furnace.	Nail-plate-heating furnace.						
Electric furnace.							
Electric induction-furnace.	Open-hearth furnace.						
Electric muffle-furnace.	Ore-reducing furnace.						
Electric-resistance furnace.	Ore-roasting furnace.						
	Portable furnace.						
Electrically-heated shaft-furnace.	Recuperative furnace.						
Flame-furnace.	Reduction-furnace.						
Gas-furnace.	Regenerative furnace.						
Gas-burning air-heating furnace.	Roasting-furnace.						
Gas-generator furnace.	Smelting-furnace.						
Glass-furnace.	Smoke-consuming furnace.						
Glass-drawing furnace.	Smoke-preventing furnace.						
Glass-working furnace.							
Granular furnace.	Stoker-furnace.						
Heating-furnace.	Thawing-furnace.						
Heating and annealing furnace.	Tool-heating furnace.						
	Warm-air furnace.						
Furnace.....	W. R. Wills.....	840,542	Jan. 8	1526	337	126	436
Furnace.....	L. A. Dollfus.....	841,944	Jan. 22	4317	930	126	1219
Furnace.....	J. Downing.....	841,947	Jan. 22	4320	931	126	1220
Furnace.....	J. V. Martin.....	842,678	Jan. 29	5915	1245-6	126	1656
Furnace.....	W. N. Best.....	843,254	Feb. 5	861	175	126	2013

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Furnace.....	A. Bergman.....	843,924	Feb. 12	2142	458	126	2364
Furnace.....	D. R. Steele.....	845,591	Feb. 26	5687	1205	126	3320
Furnace.....	H. Strand.....	845,828	Mar. 5	184	36	127	48
Furnace.....	H. B. Meech.....	847,962	Mar. 19	4541	998	127	1197
Furnace.....	J. R. Fortune.....	849,114	Apr. 2	1012	205	127	1846
Furnace.....	N. Johnson.....	849,686	Apr. 9	2104	433	127	2158
Furnace.....	J. Cromie.....	849,890	Apr. 9	2494	514	127	2259
Furnace.....	W. McClave.....	849,912	Apr. 9	2524	522	127	2267
Furnace.....	A. Rhonemus.....	851,438	Apr. 23	5467	1144-5	127	3089
Furnace.....	J. F. Monnot.....	851,992	Apr. 30	6612	1377	127	3410
Furnace.....	W. McClave.....	853,721	May 14	2742	563-4	128	738
Furnace.....	M. V. Smith.....	854,851	May 28	4983	1037	128	1371
Furnace.....	A. Ducco.....	855,289	May 28	5873	1223-4	128	1597
Furnace.....	A. W. and F. W. Machlet.....	857,292	June 18	3600	762	128	2678
Furnace.....	J. F. Giroux.....	857,617	June 25	4229	894	128	2866
Furnace.....	C. E. Garner.....	858,169	June 25	5360	1139	128	3152
Furnace.....	J. M. Heverly.....	858,286	June 25	5558	1189	128	3203
Furnace.....	H. A. Parrish.....	859,102	July 2	1211	326	129	409
Furnace.....	W. J. Hatcher and J. W. Crim.....	860,466	July 16	3301	903	129	1155
Furnace.....	M. V. Smith.....	860,888	July 23	3968	1088	129	1406
Furnace.....	G. and T. Wilton.....	862,598	Aug. 6	845	225	129	2346
Furnace.....	O. Trossin.....	863,239	Aug. 13	1848	497	129	2691
Furnace.....	R. G. Hemingray and J. O. Jensen.....	866,787	Sept. 24	3125	879-80	130	1076
Furnace.....	V. W. Blanchard.....	867,905	Oct. 8	1051	298	130	1653
Furnace.....	E. F. Price.....	868,808	Oct. 22	2537	699	130	2160
Furnace.....	T. S. Blair, Jr.....	869,616	Oct. 29	3810	1042-3	130	2581
Furnace.....	J. and J. R. Eynon.....	869,698	Oct. 29	3934	1084-5	130	2618
Furnace.....	H. Strand.....	870,322	Nov. 5	707	190	131	231
Furnace.....	E. H. Schwartz.....	871,070	Nov. 12	1903	521	131	645
Furnace.....	W. Stubblebine.....	871,651	Nov. 19	3142	779-80	131	881
Furnace.....	O. Beguelin.....	871,854	Nov. 26	3564	871-2	131	978
Furnace.....	W. E. Cole.....	865,868	Sept. 10	1746	487	130	577
Furnace air-feeding mechanism.....	M. E. Baldwin.....	855,495	June 4	100	20	128	1720
Furnace and fire-box arch.....	H. E. Wallis.....	874,464	Dec. 24	4414	930	131	1976
Furnace arch-hanger.....	J. R. Moler and R. G. Moser.....	864,666	Aug. 27	4016	1115	129	3426
Furnace attachment.....	B. F. Herr.....	869,434	Oct. 29	3505	962-3	130	2487
Furnace attachment. Electrical.....	S. M. Weaver and W. Ambler.....	867,542	Oct. 1	478	137	130	1462
Furnace blast connection.....	J. W. Detrick.....	868,416	Oct. 15	1887	530	130	1930
Furnace burner. Hot-air.....	J. Edwards and W. V. Sheppard.....	869,964	Nov. 5	126	35	131	41
Furnace-casing.....	C. Phelps.....	865,123	Sept. 3	552	154	130	167
Furnace-charging apparatus.....	E. H. Messiter.....	840,573	Jan. 8	1597	350-1	126	452
Furnace-charging apparatus.....	E. H. Messiter.....	840,574	Jan. 8	1601	351	126	453
Furnace-charging apparatus.....	E. H. Messiter.....	840,575	Jan. 8	1603	351-2	126	453
Furnace-charging apparatus.....	G. Baehr.....	842,514	Jan. 29	5550	1174-5	126	1566
Furnace-charging apparatus.....	C. L. Taylor.....	864,934	Sept. 3	268	71	130	85
Furnace-charging apparatus. Blast.....	G. R. Johnson.....	853,016	May 7	1330	277-8	128	338
Furnace-charging apparatus. Blast.....	C. H. Sample.....	857,259	June 18	3525	745	128	2659
Furnace-charging device. Blast.....	C. P. Turner and J. W. Dougherty.....	868,506	Oct. 15	2018	564-6	130	1970
Furnace-charging device. Blast.....	C. P. Turner, J. W. Dougherty, and J. E. Little.....	868,507	Oct. 15	2021	566-7	130	1971
Furnace-charging device. Blast.....	C. P. Turner and J. W. Dougherty.....	868,508	Oct. 15	2024	567-8	130	1972
Furnace-charging devices. Means for controlling the operations of blast.....	B. R. Shover.....	868,711	Oct. 22	2383	660	130	2114
Furnace-charging devices. Means for controlling the operations of blast.....	B. R. Shover.....	868,712	Oct. 22	2388	661	130	2115
Furnace construction.....	F. E. Stinchfield.....	857,685	June 25	4360	922	128	2900
Furnace construction. Stack.....	J. L. Hunter.....	853,698	May 14	2682	552-3	128	723
Furnace cover and making same. Pit.....	G. E. Wisener.....	853,669	May 14	2617	543	128	706
Furnace-door.....	A. W. Drago.....	843,007	Feb. 5	330	72	126	1873
Furnace-door.....	C. J. F. Johnson.....	869,575	Oct. 29	3742	1024	130	2560
Furnace-door and device for opening the same. Automatically-closing.....	E. R. and J. Markmann.....	873,573	Dec. 10	2601	548	131	1617
Furnace-door frame.....	L. L. Knox.....	864,752	Aug. 27	4150	1152	129	3468
Furnace-door opener.....	F. J. Bell.....	866,611	Sept. 17	2842	802	130	950
Furnace-door opener.....	C. W. McCandless.....	874,612	Dec. 24	4728	993	131	2025
Furnace draft-controlling device.....	G. R. McDermand and E. C. Blackburn.....	854,428	May 21	4147	859	128	1131
Furnace draft device.....	J. T. Mazey.....	857,354	June 18	3711	784	128	2706
Furnace draft-regulator.....	G. H. Schari.....	840,520	Jan. 8	1479	327	126	424
Furnace-feed.....	G. C. Crow.....	854,875	May 28	5056	1052	128	1390
Furnace-feeding device.....	H. P. Tippet.....	859,151	July 2	1293	344	129	437
Furnace fire-box. Steam-boiler.....	J. Livingstone.....	853,099	May 7	1469	306-7	128	372
Furnace fire-pot.....	W. A. Hohenadel and W. Kline.....	857,806	June 25	4612	977	128	2963
Furnace for burning glass, porcelain, and the like articles.....	C. Mayer.....	858,738	July 2	650	171	129	224
Furnace for burning soft fuels.....	J. E. Parkison.....	849,566	Apr. 9	1892	386	127	2106
Furnace for heating disk wheels or the like.....	A. Wiecke.....	854,974	May 28	5234	1090	128	1436
Furnace for obtaining zinc from zinc ores.....	A. Desgraz and P. Schmidt.....	843,872	Feb. 12	2041	437	126	2338
Furnace for the treatment of refractory ores.....	W. P. Wynne and J. H. Grant.....	862,229	Aug. 6	193	53	129	2143
Furnace-front. Water-cooled.....	A. L. Hammerberg.....	850,155	Apr. 16	2959	620	127	2412
Furnace fuel-feeding device. Boiler.....	J. and W. Reagan.....	851,253	Apr. 23	5095	1071-2	127	2994
Furnace-grate.....	C. J. Dorrance.....	840,609	Jan. 8	1668	366-7	126	472
Furnace-grate.....	E. Gibson.....	854,485	May 21	4233	882	128	1158
Furnace-grate.....	G. A. Kohout.....	862,742	Aug. 6	1068	287	129	2409
Furnace-grate.....	J. C. Bowring.....	864,071	Aug. 20	3059	846	129	3099
Furnace-grate.....	M. Washburn and R. D. Granger.....	872,869	Dec. 3	1165	247-8	131	1349
Furnace-grate.....	H. C. Chamberlin.....	873,411	Dec. 10	2284	476	131	1563
Furnace-grate and ash-pit.....	C. Bush.....	874,569	Dec. 24	4649	976	131	2010
Furnace-grate. Boiler.....	F. W. Ridlon.....	851,318	Apr. 23	5234	1097	127	3031
Furnace-grate. Rocking-bar.....	F. W. Ridlon.....	862,585	Aug. 6	823	219	129	2339
Furnace-grates. Cleaning attachment for.....	F. Girtanner and C. Nill.....	863,914	Aug. 20	2833	779-80	129	3033
Furnace-rail.....	M. Sklovsky.....	852,000	Apr. 30	6630	1380	127	3414
Furnace regulation.....	W. L. Hager.....	860,974	July 23	4107	1125	129	1451
Furnace-regulator.....	G. W. Goehns.....	870,028	Nov. 5	247	68	131	85
Furnace-roof.....	W. L. Hager.....	852,835	May 7	945	193	128	241
Furnace safety device. Blast.....	F. D. Halstead and L. C. Andrews.....	867,244	Oct. 1	23	7	130	1323

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Furnace shaft. Roasting.....	G. B. Shipley.....	873,687	Dec. 10	2808	598	131	1655
Furnace skimmer. Blast.....	C. D. Irvin.....	851,596	Apr. 23	5783	1209	127	3167
Furnace-stoker.....	H. A. MacClyment.....	855,581	June 4	262	52-3	128	1762
Furnace-top.....	C. H. Clark.....	857,158	June 18	3341	705	128	2611
Furnace top. Blast.....	J. W. Gocher.....	851,128	Apr. 23	4812	1014	127	2924
Furnace twyer. Blast.....	H. Seidler.....	866,312	Sept. 17	2415	674	130	817
Furnaces. Air-feeding appliance for oil-burning steam-boiler.....	T. W. Heintzelman and J. C. Camp.....	861,515	July 30	4961	1363	129	1758
Furnaces. Air-moistener for.....	W. A. Cunningham.....	872,330	Dec. 3	21	4	131	1172
Furnaces. Apparatus for burning fuel in.....	E. M. Bunce.....	854,798	May 28	4877	1013	128	1343
Furnaces. Apparatus for regulating combustion in.....	H. L. Doherty.....	844,504	Feb. 19	3299	712-13	126	2691
Furnaces. Automatic continuous ore-smelting process for reverberatory.....	G. G. Vivian.....	862,683	Aug. 6	966	258	129	2381
Furnaces. Automatic slip-return pipe for blast.....	A. J. Fulton.....	860,970	July 23	4100	1123	129	1449
Furnaces. Burner-block as applicable to.....	I. H. Bacon and N. Nelson.....	848,426	Mar. 26	5441	1186	127	1459
Furnaces. Charge-distributing apparatus for blast.....	W. Kennedy.....	868,346	Oct. 15	1773	500-1	130	1896
Furnaces. Charging blast.....	A. G. McKee.....	864,795	Sept. 3	49	14	130	18
Furnaces. Cold-air-inlet regulator for.....	T. J. March.....	874,521	Dec. 24	4563	956	131	1995
Furnaces. Compound for facing the ports of open-hearth steel.....	A. H. Beale and E. F. McDowell.....	850,723	Apr. 16	4060	.....	127	2697
Furnaces. Device for arresting the explosion discharge from blast.....	L. Larsson.....	868,102	Oct. 15	1398	391	130	1784
Furnaces. Device for feeding air to locomotive and other.....	J. Milton.....	856,541	June 11	2171	447	128	2277
Furnaces. Device for feeding comminuted material to.....	C. G. Smith.....	842,034	Jan. 22	4500	967	126	1262
Furnaces. Drying air for blast.....	N. T. Bacon.....	847,273	Mar. 12	3099	683	127	812
Furnaces. Feeding reverberatory.....	H. L. Charles.....	871,477	Nov. 19	2809	706-7	131	825
Furnaces for producing carbid from lime and carbon. Charging electric.....	A. J. Petersson.....	865,044	Aug. 13	1512	410-11	129	2585
Furnaces. Fuel-feeding device for.....	F. Pallenberg.....	865,723	Sept. 10	1504	425	130	489
Furnaces. Fuel-retarding member for.....	G. L. Junge.....	870,968	Nov. 12	1764	481-2	131	602
Furnaces, gas-generators, &c. Device for charging.....	H. Rehmann.....	853,420	May 14	2114	441	128	574
Furnaces, &c. Grate for boiler.....	P. S. Spiller.....	845,590	Feb. 26	5686	1205	126	3320
Furnaces. Heating.....	E. C. Smith.....	859,259	July 9	1458	389	129	525
Furnaces. Heating-bar for electric.....	A. L. Hougham.....	857,381	June 18	3763	797	128	2718
Furnaces. Method of and means for charging electric.....	W. H. Bruffman.....	860,477	July 16	3317	908	129	1161
Furnaces. Ore heating and drying device for.....	U. Wedge.....	842,736	Jan. 29	6044	1273-4	126	1687
Furnaces. Rabble shaft and arm for.....	A. V. Leggo.....	872,827	Dec. 3	1065	224	131	1336
Furnaces. Smoke-consuming attachment for boiler.....	W. H. Colein.....	841,074	Jan. 8	2575	563-4	126	699
Furnaces. Temperature-controlling device for.....	A. G. Mather and E. C. Shaw.....	874,781	Dec. 24	5057	1066	131	2080
Furnaces. Water-cooled door for.....	L. L. Knox.....	864,763	Aug. 27	4162	1156	129	3471
Furnaces. Water-cooled stirring-shaft for roasting.....	W. J. Becker.....	863,139	Aug. 13	1684	452	129	2640
Furnaces. Water-cooled stirring-shaft for roasting.....	W. J. Becker and J. F. M. Patitz.....	863,140	Aug. 13	1685	452	129	2640
Furniture.....	O. Vikören.....	873,914	Dec. 17	3271	699	131	1763
Furniture and analogous structure.....	B. F. Hull.....	864,466	Aug. 27	3670	1021	129	3322
Furniture and piano polishing composition.....	J. R. Fitzgerald.....	855,451	June 4	23	.....	128	1701
Furniture. Article of store.....	J. Lantagne.....	847,484	Mar. 19	3535	773	127	951
Furniture. Combination.....	J. L. McKenney.....	843,547	Feb. 5	1430	301	126	2150
Furniture. Combination.....	D. Froehlich.....	853,630	May 14	2546	528	128	686
Furniture. Combination.....	M. Margolin and A. Karron.....	855,520	June 4	148	29	128	1732
Furniture construction.....	G. W. Myers.....	850,669	Apr. 16	3967	829	127	2175
Furniture. Convertible.....	B. Rajner.....	863,874	Aug. 20	2771	762	129	3012
Furniture-fastening device.....	D. W. Towner.....	843,717	Feb. 12	1747	372	126	2266
Furniture in rooms. Means for mounting.....	N. C. Merrill.....	854,171	May 21	3669	758	128	1005
Furniture. Knockdown.....	W. R. Dean.....	856,036	June 4	1133	236	128	1980
Furniture-leg-fastening device.....	N. Andersen.....	843,656	Feb. 12	1643	348	126	2240
Furniture. Metal folding.....	H. Grauel.....	874,003	Dec. 17	3446	733	131	1792
Furniture or woodwork. Joint for articles of.....	W. and A. Stewart.....	861,911	July 30	5570	1538	129	1944
Furniture, &c. Sliding shoe for.....	O. C. Little.....	859,234	July 9	1423	378	129	514
Furniture-spring.....	B. A. Chubbuck.....	842,938	Feb. 5	194	44	126	1838
Furniture-standard.....	R. W. Irwin.....	864,134	Aug. 20	3167	876	129	3132
Furniture-standard fastener. Adjustable.....	W. S. Stanley.....	868,501	Oct. 15	2013	562	130	1969
Furniture unit. Interchangeable.....	D. E. Hunter.....	841,872	Jan. 22	4193	903	126	1191
Furrow-opener, fertilizer-distributor, lister, and bedder. Combined.....	W. C. Lynham and W. D. Crews.....	860,399	July 16	3203	876-7	129	1123
Fuse.....	A. M. Mazer.....	853,105	May 7	1479	309	128	373
Fuse.....	R. S. Peirce.....	861,315	July 30	4639	1268	129	1659
Fuse.....	H. Geisenhöner.....	867,496	Oct. 1	401	114	130	1437
Fuse.....	F. W. Young.....	871,851	Nov. 26	3558	870	131	977
Fuse. Alarm.....	W. E. Harkness.....	850,365	Apr. 16	3362	702	127	2521
Fuse and switch. Combined.....	H. Geisenhöner.....	844,791	Feb. 19	4144	883	126	2895
Fuse attachment-plug. Cartridge.....	R. A. Cultra.....	873,846	Dec. 17	3159	673	131	1742
Fuse-box.....	C. A. Rolfe.....	841,449	Jan. 15	3332	720	126	937
Fuse-box.....	C. A. Rolfe.....	843,553	Feb. 5	1445	304	126	2153
Fuse-box.....	C. Remelius.....	851,560	Apr. 23	5701	1194	127	3144
Fuse-box.....	L. E. Troutman.....	866,090	Sept. 17	2097	583	130	716
Fuse-box.....	J. O. Stivers.....	868,141	Oct. 15	1448	407-8	130	1798
Fuse-box support.....	J. S. Doyle.....	867,257	Oct. 1	39	12	130	1328
Fuse-clip.....	F. R. Parker.....	849,159	Apr. 2	1110	223	127	1873
Fuse. Detonating.....	H. Maxim.....	840,226	Jan. 1	886	191	126	240
Fuse. Electric.....	L. W. Downes.....	846,404	Mar. 5	1364	299	127	346
Fuse. Electric.....	U. G. Rogers.....	851,032	Apr. 23	4643	974	127	2884
Fuse. Electric-line.....	F. B. Cook.....	869,060	Oct. 22	2917	804	130	2279
Fuse for electric circuits. Safety.....	C. S. Davis.....	859,547	July 9	1899	510	129	668
Fuse for projectiles.....	S. D. Cushing.....	860,354	July 16	3128	856	129	1098
Fuse for projectiles. Centrifugal percussive.....	J. F. Meigs and E. A. Gathmann.....	859,610	July 9	1998	539	129	701
Fuse-holder.....	J. C. Ralls.....	851,997	Apr. 30	6623	1379	127	3413
Fuse-holder.....	R. O. Grooms.....	870,531	Nov. 5	1033	281	131	333
Fuse-housing.....	K. Wieser.....	844,223	Feb. 12	2710	578	126	2505
Fuse. Impact.....	F. Ziegenfuss.....	859,590	July 9	1971	531	129	691
Fuse in circuit. Cut-out block for connecting.....	H. H. Hornsby and E. W. Anger, Jr.....	850,836	Apr. 16	4264	896	127	2748
Fuse. Inclosed.....	R. C. Cole.....	856,393	June 11	1897	391	128	2210
Fuse indicator. Safety.....	C. N. Sachs.....	873,793	Dec. 17	3031	644	131	1723
Fuse-mount.....	C. E. White.....	842,738	Jan. 29	6049	1274	126	1688
Fuse. Non-arcing muffled.....	F. B. Cook.....	843,930	Feb. 12	2153	460	126	2367

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Fuse or cut-out. Electric	L. B. Buchanan	851,157	Apr. 23	4892	1029	127	2946
Fuse or cut-out. Electric	L. B. Buchanan	853,296	May 14	1884	390	128	513
Fuse or electric cut-out	C. A. Steller, Jr.	843,852	Feb. 12	1996	428	126	2327
Fuse. Percussion-	W. Schwartz	852,803	May 7	881	179	128	225
Fuse-plug	R. C. Cole	865,567	Sept. 10	1274	361	130	417
Fuse. Safety-	E. Steinmann and J. W. Schoen-	848,326	Mar. 26	5247	1145	127	1412
	delen.						
Fuse. Safety-	W. J. Phelps	856,292	June 11	1655	343	128	2146
Fuse. Safety-	F. Oprendek	860,606	July 16	3514	967	129	1226
Fuse. Safety-	C. Gehrke	861,965	July 30	5652	1568	129	1970
Fuse. Safety-	J. Sachs and F. D. Reynolds	863,656	Aug. 20	2447	673	129	2909
Fuse. Safety-	J. Sachs and F. D. Reynolds	874,795	Dec. 24	5082	1071	131	2084
Fuse. Safety-	J. Sachs and F. D. Reynolds	874,796	Dec. 24	5084	1071	131	2085
Fuse. Safety-	J. Sachs and F. D. Reynolds	874,797	Dec. 24	5087	1071	131	2085
Fuse. Safety-	J. Sachs	874,798	Dec. 24	5089	1071	131	2085
Fuse-strips of safety-fuses. Making complete	F. D. Reynolds	862,938	Aug. 13	1359	371	129	2536
Fuse terminal. Safety-	J. Sachs	852,037	Apr. 30	6743	1402	127	3443
Fuse. Time-	K. Wieser	844,222	Feb. 12	2709	578	126	2505
Fuse. Time-	C. Baker	854,977	May 28	5237	1091	128	1437
Fuse. Time-	H. Dahlke	865,298	Sept. 3	822	237	130	248
Fuse-tool. Miner's	C. Elliott	847,923	Mar. 19	4462	978	127	1178
Fuses for mines. Manufacture of	L. Lheure	869,219	Oct. 22	3144	867	130	2349
Fuses. Manufacture of inclosed	R. C. Cole	866,716	Sept. 24	3018	851	130	1041
Fuses or cut-outs. Indicating device for electric	L. B. Buchanan	852,539	May 7	325	58	128	89
Fuses or cut-outs. Indicating mechanism for electric	L. B. Buchanan	854,327	May 21	3953	817	128	1084
Fuses. Setting-tool for	L. Hauschild	860,467	July 16	3302	903	129	1156
Gaff-clapper	R. W. Wonson	865,003	Sept. 3	380	103	130	120
Gage:							
See Alarm-gage.	Platen-gage.						
Automatic gage.	Pressure-gage.						
Boiler-gage.	Printing-gage.						
Boiler water-gage.	Printing-press gage.						
Caliper-gage.	Railway-track gage.						
Carpenter's gage.	Raker-gage.						
Cigar-gage.	Saw-gage.						
Cutting-gage.	Saw-table gage.						
Door-gage.	Saw-tooth gage.						
Feed-gage.	Sawmill-gage.						
Fluid-gage.	Screw-gage.						
Indicator-gage.	Scribe-gage.						
Knife-gage.	Sewing-machine gage.						
Knife-setting gage.	Shingling-gage.						
Limit-gage.	Skid-setting gage.						
Liquid-level-indicating	Skirt-gage.						
gage.	Stair-gage.						
Loom power-gage.	Steam or vacuum gage.						
Marking-gage.	Surface-gage.						
Micrometer-gage.	Thread-gage.						
Micrometer-screw gage.	Track-gage.						
Mortar-gage.	Type-setting-machine						
Mortising-gage.	gage.						
Nailing-machine work-	Water-gage.						
gage.	Weir-gage.						
Perforator-gage.	Work-gage.						
Gage	A. B. Price	845,258	Feb. 26	5037	1071	126	3160
Gage	P. R. Glass and L. Muther	846,660	Mar. 12	1911	420	127	516
Gage	C. A. Good	847,176	Mar. 12	2906	639	127	764
Gage	G. W. Roberts	847,824	Mar. 19	4252	931	127	1126
Gage	A. Morrison	849,155	Apr. 2	1101	221	127	1870
Gage	G. W. McLaughlin	855,964	June 4	1003	210	128	1947
Gage	R. D. Fildes	861,582	July 30	5071	1391	129	1795
Gage	J. J. Robinson	867,081	Sept. 24	3579	1015	130	1215
Gage	V. V. Hawley	869,489	Oct. 29	3595	985	130	2515
Gage	J. L. Pringle	869,649	Oct. 29	3860	1056	130	2595
Gage	M. D. Brown	875,045	Dec. 31	5623	1173-4	131	2191
Gage attachment. Automatic stop-	W. A. Kramer	869,309	Oct. 29	3303	909	130	2426
Gage or measuring device.	H. C. Knowlton	840,568	Jan. 8	1590	349	126	450
Gage packing-nut. Water and oil	J. E. Montgomery	871,607	Nov. 19	3073	763	131	868
Gage-wheel	A. W. Howell	858,290	June 25	5565	1190	128	3205
Gaging the thickness of material. Machine for	M. C. and A. Wells	842,044	Jan. 22	4513	971	126	1266
Galvanic battery	B. J. Blameuser	858,563	July 2	336	84	129	121
Galvanic battery. Reversible	T. A. Edison	871,214	Nov. 19	2217	586	131	737
Galvanic battery. Reversible	T. A. Edison	873,220	Dec. 10	1891	396	131	1497
Galvanometer	J. Broich	851,156	Apr. 23	4888	1028-9	127	2945
Galvanometer	J. Richard	866,387	Sept. 17	2529	704-5	130	853
Galvanometer. Contact-	J. W. Manley	870,376	Nov. 5	814	216	131	268
Gambrel	C. F. Bloch	861,944	July 30	5628	1559	129	1963
Game	J. T. Grant	840,934	Jan. 8	2303	506	126	628
Game	H. T. Hughes	842,096	Jan. 22	4609	989	126	1287
Game	F. M. Osgood	845,811	Mar. 5	154	30	127	42
Game	G. Santen	849,857	Apr. 9	2434	497	127	2244
Game	F. M. Greer	855,455	June 4	30	7	128	1702
Game	D. C. Pingrey	855,728	June 4	550	114	128	1837
Game	D. H. Martin	860,985	July 23	4128	1131	129	1457
Game apparatus	R. W. Piper	840,584	Jan. 8	1618	355	126	458
Game apparatus	J. S. Dearborn	841,770	Jan. 22	3973	858	126	1133
Game apparatus	J. H. Cole	841,936	Jan. 22	4303	928	126	1215
Game apparatus	T. J. Falvey	844,507	Feb. 19	3316	714	126	2694
Game apparatus	E. A. Larsen	845,038	Feb. 19	4600	979	126	3009
Game apparatus	A. A. Lehr	845,798	Mar. 5	129	24	127	36
Game apparatus	G. H. Jurick	846,110	Mar. 5	805	168	127	205
Game apparatus	R. T. Lambert	846,320	Mar. 5	1191	262-3	127	301
Game apparatus	E. H. Richter	846,509	Mar. 12	1603	356	127	437
Game apparatus	T. J. Falvey	846,655	Mar. 12	1901	418	127	514
Game apparatus	F. P. de Grandchamp	848,168	Mar. 26	4919	1074	127	1329

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Game apparatus.....	G. A. Huben.....	848,371	Mar. 26	5330	1161	127	1429
Game apparatus.....	T. M. St. John.....	848,701	Apr. 2	162	34	127	1628
Game apparatus.....	D. Weaver.....	848,711	Apr. 2	187	39	127	1635
Game apparatus.....	F. W. Hottenroth.....	848,827	Apr. 2	456	90	127	1703
Game apparatus.....	D. C. Monroe.....	848,839	Apr. 2	484	95	127	1710
Game apparatus.....	H. L. Haskell.....	850,224	Apr. 16	3100	648-9	127	2449
Game apparatus.....	J. H. Price.....	850,489	Apr. 16	3605	754	127	2582
Game apparatus.....	L. J. Castonguay.....	851,493	Apr. 23	5567	1167	127	3112
Game apparatus.....	W. J. Thomas.....	852,085	Apr. 30	6817	1420-1	127	3462
Game apparatus.....	H. E. Reed.....	852,904	May 7	1092	224-5	128	279
Game apparatus.....	W. E. Vining.....	853,278	May 14	1828	381-2	128	495
Game apparatus.....	J. S. Mather.....	853,463	May 14	2196	456-7	128	596
Game apparatus.....	W. W. Kohler.....	854,581	May 21	4432	921	128	1201
Game apparatus.....	L. D. H. Fuller.....	854,640	May 21	4535	946	128	1227
Game apparatus.....	E. C. D'Yarmett.....	854,937	May 28	5169	1077	128	1420
Game apparatus.....	F. R. Kistler.....	854,951	May 28	5189	1081	128	1425
Game apparatus.....	J. W. Wallace.....	856,118	June 4	1268	267	128	2013
Game apparatus.....	D. G. Black.....	856,216	June 11	1476	312-14	128	2100
Game apparatus.....	W. S. Haynes.....	857,878	June 25	4730	1004-5	128	2991
Game apparatus.....	J. J. Myer.....	858,666	July 2	535	138	129	185
Game apparatus.....	P. W. Amlie.....	858,776	July 2	710	188	129	246
Game apparatus.....	J. Stern.....	858,918	July 2	949	247	129	326
Game apparatus.....	W. S. Kemper.....	858,990	July 2	1066	280	129	364
Game apparatus.....	C. S. and D. H. Talbert.....	859,149	July 2	1290	343	129	436
Game apparatus.....	W. E. Robbins.....	859,692	July 9	2127	574	129	741
Game apparatus.....	C. H. Lee.....	860,924	July 23	4017	1100	129	1421
Game apparatus.....	G. W. Windle.....	863,245	Aug. 13	1854	499-500	129	2693
Game apparatus.....	J. F. Hardy.....	863,845	Aug. 20	2730	752	129	3001
Game apparatus.....	H. B. McCulloch.....	865,794	Sept. 10	1611	456	130	523
Game apparatus.....	C. A. Deal.....	866,004	Sept. 17	1957	546	130	672
Game apparatus.....	W. R. Ripley.....	866,222	Sept. 17	2277	636	130	773
Game apparatus.....	J. B. Fry.....	867,652	Oct. 8	650	184	130	1532
Game apparatus.....	G. S. Parker.....	867,935	Oct. 8	1094	308	130	1667
Game apparatus.....	G. M. Müller.....	868,209	Oct. 15	1546	439	130	1827
Game apparatus.....	M. Maris.....	869,316	Oct. 29	3315	911	130	2429
Game apparatus.....	C. E. I. Lundberg.....	870,041	Nov. 5	263	72	131	90
Game apparatus.....	H. H. Adams.....	870,606	Nov. 12	1151	313	131	407
Game apparatus.....	C. G. Loudon.....	875,085	Dec. 31	5702	1189	131	2204
Game apparatus. Base-ball.....	A. H. Heitmann.....	861,841	July 30	5472	1509-10	129	1914
Game apparatus. Base-ball.....	I. J. Roberts.....	863,758	Aug. 20	2593	717	129	2957
Game apparatus. Base-ball.....	C. C. Patch.....	866,057	Sept. 17	2046	571	130	699
Game apparatus. Batter for base-ball.....	A. H. Heitmann.....	861,843	July 30	5477	1511	129	1916
Game apparatus. Pitcher for base-ball.....	A. H. Heitmann.....	861,842	July 30	5475	1510-11	129	1915
Game apparatus. Racing.....	G. F. W. Schultze.....	870,473	Nov. 5	949	260	131	309
Game apparatus. Railway.....	J. J. Barnes.....	874,726	Dec. 24	4968	1044	131	2062
Game appliance.....	W. H. C. D. Charity and T. Critchley.....	851,864	Apr. 30	6351	1324	127	3344
Game appliance.....	F. L. Slazenger.....	854,313	May 21	3934	812	128	1078
Game appliance or puzzle.....	T. M. Webb and T. J. Davis.....	865,550	Sept. 10	1249	355	130	408
Game-ball.....	S. E. Wharton.....	860,589	July 16	3485	957	129	1216
Game-board.....	L. B. Sanford.....	843,037	Feb. 5	397	86	126	1893
Game-board.....	A. Boswell.....	843,992	Feb. 12	2262	483	126	2393
Game-board.....	A. Collier.....	850,137	Apr. 16	2934	613	127	2406
Game-board.....	O. Falkenberg.....	866,447	Sept. 17	2608	728	130	880
Game-board.....	G. B. Doan and H. Hanson.....	873,031	Dec. 10	1530	320	131	1437
Game-board.....	T. H. Youngman.....	875,230	Dec. 31	5979	1246	131	2251
Game-board. Base-ball.....	C. H. Wolf.....	845,838	Mar. 5	206	42	127	54
Game-board. Base-ball.....	W. T. De Walt.....	848,351	Mar. 26	5295	1155	127	1422
Game-box.....	M. J. Howlett.....	861,032	July 23	4203	1151	129	1480
Game-counter.....	G. H. Barker.....	852,758	May 7	769	152	128	200
Game-counter.....	G. B. Risley.....	858,027	June 25	5074	1074	128	3079
Game-counter.....	E. C. Hillyer.....	869,241	Oct. 29	3183	878	130	2387
Game device.....	H. D. Darlington.....	846,286	Mar. 5	1124	245	127	285
Game device.....	A. Oppenheimer.....	849,806	Apr. 9	2326	477	127	2216
Game device.....	F. W. Moseley.....	857,411	June 18	3816	809	128	2731
Game. Educational.....	E. Berg.....	848,282	Mar. 26	5154	1123	127	1389
Game of skittles by means of automata. Apparatus for imitating.....	O. Eichenberger.....	866,923	Sept. 24	3328	940-1	130	1138
Game or puzzle.....	W. L. Bedell.....	840,741	Jan. 8	1921	422	126	534
Game or toy. Race.....	H. Egg.....	850,914	Apr. 23	4437	928	127	2833
Game-table.....	R. B. Cantrell.....	849,974	Apr. 9	2629	549	127	2292
Game-trap. Automatic.....	M. Shelton.....	864,200	Aug. 27	3276	908	129	3196
Gang-plank.....	E. V. Rideout.....	869,654	Oct. 29	3865	1058	130	2597
Gape-worm extractor.....	J. S. Klock.....	843,951	Feb. 12	2192	469	126	2376
Garbage-can.....	F. Posthoff.....	844,185	Feb. 12	2618	560	126	2480
Garbage-cremator.....	D. E. Bennett.....	867,941	Oct. 15	1143	315-16	130	1705
Garbage-crematory.....	I. D. Smead.....	872,466	Dec. 3	322	65-6	131	1217
Garbage from being thrown onto the beach. Device to prevent sea-dumped.....	S. E. Gladding.....	874,497	Dec. 24	4457	944	131	1986
Garbage-receptacle.....	C. C. Mittendorf.....	845,964	Mar. 5	493	102	127	128
Garbage-receptacle.....	H. E. Ames.....	862,784	Aug. 6	1117	303	129	2425
Garbage-receptacle.....	T. H. Johnston.....	870,887	Nov. 12	1617	443	131	555
Garbage-receptacle.....	A. Reed.....	871,955	Nov. 26	3789	920	131	1011
Garbage-receptacle container.....	C. H. Stephenson.....	868,820	Oct. 22	2551	703	130	2165
Garbage-receptacle container.....	C. H. Stephenson.....	868,821	Oct. 22	2553	703-4	130	2165
Garbage-receptacle container.....	C. H. Stephenson.....	868,894	Oct. 22	2659	735	130	2198
Garbage reduction. Evaporator and extractor for.....	F. G. Wiseloge.....	857,372	June 18	3750	793	128	2715
Garden implement.....	W. C. Doidge.....	841,488	Jan. 15	3419	736	126	961
Garden implement.....	C. S. Stevens.....	857,684	June 25	4359	921	128	2900
Garden implement.....	M. H. Noonan.....	867,224	Sept. 24	3805	1074	130	1288
Garden-reel.....	R. D. Wirt.....	873,143	Dec. 10	1747	367	131	1474
Garment.....	B. Freedman.....	841,856	Jan. 22	4157	895-6	126	1183
Garment.....	I. Weingart.....	845,494	Feb. 26	5524	1171	126	3279
Garment.....	A. Berman.....	851,488	Apr. 23	5559	1165-6	127	3110
Garment.....	M. G. Chapin.....	859,739	July 9	2187	592	129	760
Garment.....	R. E. Lowe.....	862,491	Aug. 6	657	176	129	2292

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Garment.....	E. E. Jenne.....	870,967	Nov. 12	1763	481	131	601
Garment.....	J. A. Shufelt.....	872,380	Dec. 3	130	24	131	2187
Garment-adjusting device.....	J. Mathers.....	862,571	Aug. 6	800	214	129	1332
Garment. Bust-supporting.....	C. C. Heid.....	859,061	July 2	1162	313	129	394
Garment-clasp.....	J. D. Karle.....	844,679	Feb. 19	3902	825	126	2851
Garment-clasp.....	F. Egge.....	847,986	Mar. 19	4592	1007	127	1208
Garment-clasp.....	M. B. Gardner.....	863,600	Aug. 20	2370	648	129	2883
Garment-clasp.....	F. W. Lowe.....	863,860	Aug. 20	2752	757	129	3007
Garment-clasp.....	J. P. Wilson.....	869,285	Oct. 29	3258	897	130	2412
Garment. Combination.....	L. S. Foerster.....	844,508	Feb. 19	3318	714	126	2694
Garment. Combination.....	C. W. Bartrum.....	852,695	May 7	655	127	128	171
Garment. Combination.....	J. W. P. Bunning.....	874,487	Dec. 24	4466	941-2	131	1984
Garment-creasing device.....	A. Abrams.....	874,818	Dec. 24	5122	1079	131	2092
Garment-fastener.....	F. J. Spencer.....	841,734	Jan. 22	3884	842	126	1110
Garment-fastener.....	C. H. Schmidt.....	842,498	Jan. 29	5515	1168	126	1560
Garment-fastener.....	W. A. Nickless.....	844,178	Feb. 12	2604	558	126	2476
Garment-fastener.....	J. E. Waterman.....	844,486	Feb. 19	3269	706	126	2682
Garment-fastener.....	E. E. Wiley.....	844,841	Feb. 19	4236	903	126	2918
Garment-fastener.....	J. H. White.....	847,217	Mar. 12	2995	660	127	787
Garment-fastener.....	A. B. Reid.....	853,319	May 14	1944	402	128	532
Garment-fastener.....	W. F. Peet.....	853,561	May 14	2393	498	128	647
Garment-fastener.....	A. B. Reid.....	860,827	July 23	3859	1058	129	1370
Garment-fastener.....	S. Glading.....	867,031	Sept. 24	3498	993	130	1191
Garment-fastener.....	F. G. Wright.....	867,864	Oct. 8	975	279	130	1631
Garment-fastener.....	H. Dickinson.....	870,549	Nov. 12	1061	289	131	373
Garment-fastener.....	M. Boylan.....	871,025	Nov. 12	1840	503	131	625
Garment-fastening.....	R. Pellow.....	840,655	Jan. 8	1740	383	126	490
Garment-fitting device.....	S. W. Postel.....	853,731	May 14	2760	568	128	743
Garment-fitting stand.....	G. H. Scully.....	846,149	Mar. 5	885	186	127	225
Garment-hanger.....	T. F. O'Connell.....	839,879	Jan. 1	153	36	126	43
Garment-hanger.....	G. W. Cook.....	840,045	Jan. 1	504	110	126	134
Garment-hanger.....	C. B. Hotchkiss.....	840,625	Jan. 8	1697	373	126	479
Garment-hanger.....	F. Bement.....	842,932	Feb. 5	187	42	126	1837
Garment-hanger.....	E. L. Henderson.....	844,597	Feb. 19	3744	788	126	2791
Garment-hanger.....	J. D. Allardice.....	845,443	Feb. 26	5409	1148	126	3250
Garment-hanger.....	C. H. Gage.....	846,023	Mar. 5	620	130	127	159
Garment-hanger.....	J. M. Stein.....	847,211	Mar. 12	2986	658	127	785
Garment-hanger.....	J. M. Stein.....	847,212	Mar. 12	2987	658	127	785
Garment-hanger.....	H. Gebhardt.....	847,329	Mar. 19	3213	707	127	868
Garment-hanger.....	C. Clift.....	856,337	June 11	1758	365	128	2172
Garment-hanger.....	E. Mayer.....	857,645	June 25	4282	904	128	2880
Garment-hanger.....	E. K. Gibson.....	859,601	July 9	1988	536	129	698
Garment-hanger.....	C. W. Brenizer.....	862,706	Aug. 6	1001	268	129	2392
Garment-hanger.....	A. M. Taylor.....	862,769	Aug. 6	1100	296	129	2420
Garment-hanger.....	J. Scholl.....	863,100	Aug. 13	1613	433-4	129	2617
Garment-hanger.....	J. P. Sundin.....	863,236	Aug. 13	1840	494	129	2690
Garment-hanger.....	E. O. Fellroth.....	864,634	Aug. 27	3967	1101	129	3412
Garment-hanger.....	J. F. Williams.....	867,691	Oct. 8	703	197	130	1548
Garment-hanger.....	F. P. Johnson.....	869,245	Oct. 29	3197	880	130	2393
Garment-hanger.....	E. K. Myers.....	871,175	Nov. 19	2135	571	131	723
Garment-hanger.....	M. A. Wood.....	872,100	Nov. 26	4129	988	131	1060
Garment-hanger and lock.....	J. C. Epler.....	844,305	Feb. 12	2890	614-15	126	2550
Garment-hanger support.....	H. N. Drucker.....	869,233	Oct. 29	3174	874	130	2385
Garment-holder.....	B. J. Buckingham.....	847,644	Mar. 19	3874	847	127	1039
Garment-holder.....	S. Levy.....	855,956	June 4	988	206	128	1943
Garment-holder.....	H. C. Krause.....	872,297	Nov. 26	4515	1071	131	1123
Garment-holder.....	G. H. Wheary.....	872,488	Dec. 3	361	74	131	1224
Garment-hook.....	B. Goldsmith.....	842,542	Jan. 29	5602	1185	126	1578
Garment-hook.....	A. Wagner.....	844,428	Feb. 19	3143	675	126	2651
Garment-hook.....	L. A. Yeiser.....	856,330	June 11	1744	361	128	2168
Garment-hook.....	D. Apstein.....	862,600	Aug. 6	848	226	129	2347
Garment-hook.....	W. H. Clay.....	865,630	Sept. 10	1371	388	130	449
Garment. Hunting or shooting.....	F. Petmecky.....	849,266	Apr. 2	1301	264	127	1920
Garment-marking device.....	A. E. Wise.....	870,209	Nov. 5	528	144	131	173
Garment-pad.....	J. Z. Mathieu.....	840,149	Jan. 1	734	159	126	200
Garment-pads. Apparatus for making.....	G. Goldman.....	842,093	Jan. 22	4596	988	126	1285
Garment-pads. Making.....	G. Goldman.....	850,151	Apr. 16	2952	618-19	127	2410
Garment-pads. Making.....	G. Goldman.....	873,999	Dec. 17	3439	731-2	131	1791
Garment-pattern.....	M. M. Stillman.....	847,844	Mar. 19	4292	941	127	1138
Garment-pattern. Adjustable.....	W. M. Barry.....	849,959	Apr. 9	2602	541-2	127	2286
Garment-presser.....	A. W. Eliason.....	865,091	Sept. 3	512	141	130	155
Garment receptacle, rack, and the like.....	J. W. Gilmore.....	852,554	May 7	348	62	128	95
Garment-stand.....	J. W. Wingert.....	863,820	Aug. 20	2692	743	129	2988
Garment-stiffener.....	H. Feder.....	863,371	Aug. 13	2031	548	129	2751
Garment. Storm.....	I. V. Benoit.....	857,578	June 25	4158	880-1	128	2847
Garment-support.....	R. Mancha.....	841,261	Jan. 15	2961	643	126	840
Garment-support.....	G. E. Crump.....	846,911	Mar. 12	2405	528	127	641
Garment-support.....	A. H. Hawk.....	866,464	Sept. 17	2634	736	130	887
Garment-support for wardrobes.....	J. T. Batts.....	872,401	Dec. 3	109	33	131	1195
Garment-supporter.....	M. L. Gaston.....	842,541	Jan. 29	5600	1185	126	1578
Garment-supporter.....	A. R. Pollock.....	842,810	Jan. 29	6177	1305	126	1718
Garment-supporter.....	F. Hirsh.....	845,300	Feb. 26	5147	1092	126	3188
Garment-supporter.....	H. E. Gifford.....	845,943	Mar. 5	448	93	127	115
Garment-supporter.....	B. H. White.....	849,763	Apr. 9	2245	461	127	2195
Garment-supporter.....	H. G. Macwilliam.....	849,801	Apr. 9	2318	476	127	2213
Garment-supporter.....	H. G. Macwilliam.....	849,906	Apr. 9	2516	520	127	2265
Garment-supporter.....	M. Frerkson.....	850,638	Apr. 16	3909	815	127	2660
Garment-supporter.....	F. L. De Graff.....	851,923	Apr. 30	6469	1349	127	3374
Garment-supporter.....	J. M. Steinhart.....	852,858	May 7	1006	209	128	256
Garment-supporter.....	H. C. Green.....	853,080	May 7	1437	301	128	365
Garment-supporter.....	F. J. Naramore.....	854,230	May 21	3795	783	128	1023
Garment-supporter.....	E. A. Raymond and W. Jensen.....	855,529	June 4	161	32	128	1768
Garment-supporter.....	C. B. Goldsmith.....	856,249	June 11	1562	327-8	128	2164
Garment-supporter.....	R. Gorton.....	856,524	June 11	2135	438	128	2244
Garment-supporter.....	F. O. Keiser.....	858,989	July 2	1065	280	129	331
Garment-supporter.....	P. H. Sudbrock.....	859,025	July 2	1114	296	129	380

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Garment-supporter.....	A. E. Darling.....	859,873	July 9	2398	652	129	827
Garment-supporter.....	F. H. Newton.....	862,010	July 30	5710	1584	129	1987
Garment-supporter.....	E. M. Degenhart.....	863,159	Aug. 13	1709	459-60	129	2648
Garment-supporter.....	G. Martin.....	863,548	Aug. 13	2277	621	129	2824
Garment-supporter.....	R. E. Ebersole.....	863,970	Aug. 20	2916	803	129	3056
Garment-supporter.....	A. M. Ziegler.....	864,716	Aug. 27	4100	1138	129	3454
Garment-supporter.....	K. Conry.....	865,869	Sept. 10	1747	487	130	578
Garment-supporter.....	E. N. Case.....	867,478	Oct. 1	372	108	130	1428
Garment-supporter.....	S. E. West.....	868,899	Oct. 22	2666	737	130	2200
Garment-supporter.....	H. T. Sprague.....	869,744	Oct. 29	4004	1106	130	2638
Garment-supporter.....	M. M. McLeod.....	871,356	Nov. 19	2538	652	131	785
Garment-supporter.....	F. E. Coulter.....	873,726	Dec. 17	2910	617	131	1701
Garment-supporter clasp.....	G. E. Prentice.....	840,515	Jan. 8	1473	325	126	422
Garment-supporter clasp.....	C. M. Webb.....	849,092	Apr. 2	955	195	127	1831
Garment-supporter clasp.....	B. E. G. Noble.....	855,802	June 4	690	141	128	1871
Garment-supporter clasp.....	R. J. Wright and J. C. Andrews.....	866,705	Sept. 24	2990	848	130	1024
Garment-supporter clasp.....	J. Maltby and J. J. Buchanan.....	875,089	Dec. 31	5709	1190	131	2205
Garment-supporter or garter.....	H. M. Stidham.....	845,321	Feb. 26	5180	1100	126	3196
Garment-supporters. Friction-slide for.....	A. Abizaid.....	865,554	Sept. 10	1255	356	130	412
Garment. Supporting.....	B. M. Grayson.....	846,562	Mar. 12	1703	376	127	462
Garment-supporting clasp.....	J. F. Atwood.....	864,285	Aug. 27	3397	944	129	3233
Garment-supporting clasp.....	J. F. Atwood.....	874,820	Dec. 24	5124	1080	131	2092
Garment. Waterproof.....	B. C. Hathaway.....	869,177	Oct. 22	3082	849	130	2329
Garmets. Flower or ornament holder for.....	G. Walker.....	867,455	Oct. 1	343	99	130	1419
Garmets in a folded condition. Appliance for main- taining.....	L. P. Gage.....	872,924	Dec. 3	1260	269	131	1366
Garmets. Necking.....	G. Scott.....	857,492	June 18	3975	845	128	2771
Garter.....	G. H. Phelps.....	843,627	Feb. 12	1595	337	126	2226
Garter.....	J. F. O'Brien.....	844,286	Feb. 12	2848	607	126	2539
Garter.....	F. F. Knothe.....	860,487	July 16	3328	912	129	1165
Garter.....	C. Armat.....	862,957	Aug. 13	1389	378	129	2545
Garter.....	G. L. Burton and C. J. Fuller.....	869,228	Oct. 29	3165	873	130	2381
Garter-band.....	C. Bloomberg.....	851,219	Apr. 23	5028	1058	127	2978
Garter-clasp.....	B. L. Harris.....	858,980	July 2	1051	277	129	358
Garter-clasp.....	W. C. Finney.....	875,418	Dec. 31	6348	1323	131	2310
Garter or the like clasp.....	C. E. Schaffner.....	844,045	Feb. 12	2359	505	126	2415
Garter-slide.....	J. Maltby.....	873,445	Dec. 10	2334	490	131	1574
Garters. Separable fastener for.....	J. M. Siner.....	868,298	Oct. 15	1701	480	130	1875
Garters, &c. Suspensory device for.....	S. Levitas.....	842,893	Feb. 5	99	24	126	1816
Gas-absorber.....	F. W. Allan.....	855,035	May 28	5369	1115	128	1469
Gas-analyzing apparatus.....	W. Jones.....	854,696	May 21	4660	971	128	1258
Gas and air. Apparatus for the production of mix- tures of.....	H. L. Karger.....	864,001	Aug. 20	2956	814-15	129	3068
Gas and air burner.....	D. Cooley.....	850,996	Apr. 23	4575	958	127	2865
Gas and coking. Apparatus for making.....	L. P. Lowe.....	839,939	Jan. 1	280	60	126	77
Gas and gasolene engine.....	P. Furst.....	857,455	June 18	3899	829	128	2752
Gas and gasolene engine.....	E. E. Wright.....	872,164	Nov. 26	4250	1014	131	1080
Gas and treating distillation-gases to produce the same. Illuminating liquefied.....	H. Blau.....	862,383	Aug. 6	448	121	129	2227
Gas and vapor burner.....	W. T. Solomon.....	874,449	Dec. 24	4391	925	131	1971
Gas apparatus.....	C. W. Hinman and W. F. Well- man.....	841,779	Jan. 22	3989	861-2	126	1138
Gas apparatus. Acetylene.....	F. M. Moore.....	841,803	Jan. 22	4037	871-2	126	1151
Gas. Apparatus for carbonizing coal for the produc- tion of.....	W. Young and S. Glover.....	873,647	Dec. 10	2730	578	131	1641
Gas. Apparatus for charging liquids with carbonic- acid.....	F. D. Green and J. P. MacLearn.....	855,243	May 28	5790	1207	128	1577
Gas. Apparatus for the manufacture of.....	J. S. Smith.....	859,988	July 16	2584	704	129	919
Gas apparatus. Producer.....	H. F. Smith.....	846,357	Mar. 5	1265	277-8	127	818
Gas apparatus. Water.....	J. M. Rusby.....	857,760	June 25	4516	953	128	2940
Gas apparatus. Water.....	J. A. P. Crisfield.....	858,579	July 2	362	92-3	129	129
Gas apparatus. Water.....	J. H. Taussig.....	869,814	Oct. 29	4104	1133-4	130	2667
Gas-boiler.....	C. Rayer.....	853,995	May 21	3309	681	128	918
Gas-burner.....	P. Seiler.....	840,092	Jan. 1	602	130	126	159
Gas-burner.....	J. Doorenbos.....	840,831	Jan. 8	2075	460	126	572
Gas-burner.....	P. E. Peterson.....	842,334	Jan. 29	5136	1092	126	1456
Gas-burner.....	G. Machlet, Jr.....	842,792	Jan. 29	6149	1297	126	1711
Gas-burner.....	H. S. Busey.....	845,332	Feb. 26	5201	1103	126	3200
Gas-burner.....	A. J. Meyers.....	846,930	Mar. 12	2448	536	127	652
Gas-burner.....	E. S. Springer and J. L. Maloney.....	847,210	Mar. 12	2984	657	127	784
Gas-burner.....	P. Keller.....	847,412	Mar. 19	3390	742-3	127	914
Gas-burner.....	H. H. Hipwell.....	848,367	Mar. 26	5322	1159	127	1428
Gas-burner.....	W. W. Cozins.....	848,444	Mar. 26	5474	1193	127	1468
Gas-burner.....	H. A. Darling.....	851,346	Apr. 23	5291	1109	127	3045
Gas-burner.....	J. L. Maloney and E. S. Springer.....	853,021	May 7	1338	279	128	340
Gas-burner.....	S. Stewart.....	853,654	May 14	2594	538	128	699
Gas-burner.....	B. F. Jackson.....	856,781	June 11	2635	542	128	2396
Gas-burner.....	R. Brown.....	858,702	July 2	588	153	129	203
Gas-burner.....	C. G. Cronwall.....	859,486	July 9	1804	484	129	637
Gas-burner.....	T. W. Lucke.....	859,569	July 9	1938	522	129	681
Gas-burner.....	R. Thompson.....	862,772	Aug. 6	1105	298	129	2421
Gas-burner.....	V. W. Blanchard.....	862,796	Aug. 6	1134	307	129	2429
Gas-burner.....	W. F. Scatterday and J. L. Porter.....	863,658	Aug. 20	2450	674	129	2910
Gas-burner.....	B. L. Noyes.....	864,182	Aug. 27	3234	897	129	3181
Gas-burner.....	G. S. Andrews.....	864,593	Aug. 27	3905	1084	129	3393
Gas-burner.....	V. W. Blanchard.....	865,249	Oct. 15	1609	456	130	1847
Gas-burner.....	L. R. Yansky.....	869,954	Nov. 5	114	31	131	38
Gas-burner.....	E. M. Loftus.....	870,566	Nov. 12	1091	299	131	386
Gas-burner.....	W. Kitching.....	872,134	Nov. 26	4198	1002-3	131	1071
Gas-burner.....	W. V. D. Kelley.....	872,350	Dec. 3	67	13	131	1179
Gas-burner.....	G. A. Crotto.....	872,609	Dec. 3	606	128	131	1262
Gas-burner.....	E. S. Springer and J. L. Maloney.....	873,182	Dec. 10	1834	384	131	1487
Gas-burner.....	J. Ball.....	873,485	Dec. 10	2412	507	131	1587
Gas-burner.....	J. W. Farnoff.....	873,525	Dec. 10	2499	527	131	1601
Gas-burner.....	E. S. Springer and J. L. Maloney.....	873,624	Dec. 10	2696	569	131	1634
Gas-burner.....	A. Meyer.....	873,880	Dec. 17	3216	685-6	131	1752

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Gas-burner	R. Gefäll	874,063	Dec. 17	3641	765	131	1812
Gas-burner	E. Ruud	875,218	Dec. 31	5958	1241	131	2247
Gas burner. Acetylene-	H. E. Shaffer	866,163	Sept. 17	2199	612	130	749
Gas burner. Acetylene and like.	K. Thurnauer	875,301	Dec. 31	6110	1275	131	2272
Gas-burner and automatic cut-off therefor	L. Holtschneider	841,400	Jan. 15	3241	699	126	912
Gas-burner attachment.	J. D. Sheehan	851,564	Apr. 23	5707	1195	127	3145
Gas burner. Blast-	J. Simmendinger	869,268	Oct. 29	3227	888	130	2402
Gas-burner for sad-irons	R. Wuffli	843,653	Feb. 12	1639	347	126	2239
Gas-burner. Furnace	J. C. Krieg	867,382	Oct. 1	241	69	130	1387
Gas-burner. Heating.	F. G. Nicolaus	849,634	Apr. 9	2018	414	127	2137
Gas-burner igniting and extinguishing device.	O. S. Lied	856,534	June 11	2154	444	128	2272
Gas-burner. Incandescent.	F. T. Williams	843,379	Feb. 5	1088	225	126	2065
Gas-burner. Incandescent.	J. I. Robin	862,759	Aug. 6	1091	293	129	2417
Gas-burner. Incandescent.	R. N. Oakman	867,590	Oct. 8	563	159	130	1506
Gas-burner. Incandescent.	W. T. Solomon	874,705	Dec. 24	4918	1033	131	2056
Gas-burner. Inverted	H. C. Hanson	861,461	July 30	4894	1342	129	1736
Gas-burner. Inverted	A. F. Thompson	861,619	July 30	5131	1408	129	1813
Gas-burner. Inverted	J. Doerenbos	866,267	Sept. 17	2349	653	130	796
Gas-burner. Inverted	T. F. Kent	868,990	Oct. 22	2804	773-4	130	2242
Gas-burner. Inverted	J. Lederer	872,070	Nov. 26	4071	975-6	131	1050
Gas-burner. Inverted	O. Mannesmann	872,833	Dec. 3	1087	227	131	1338
Gas-burner. Inverted incandescent.	A. S. Francis	857,233	June 18	3482	735-6	128	2648
Gas-burner. Inverted incandescent	W. Schmitz	866,686	Sept. 24	2966	840	130	1018
Gas-burner. Inverted incandescent	M. Pledath	872,367	Dec. 3	109	20	131	1183
Gas burner. Natural-	H. M. Leps	858,189	June 25	5394	1149	128	3161
Gas burner. Oil-	M. Dyer and R. C. Elliott	864,629	Aug. 27	3962	1099	129	3410
Gas burner. Oxyhydrogen-	A. B. Dräger and H. W. C. Schröder	869,071	Oct. 22	2935	808	130	2284
Gas-burner. Regulating	W. Schmitz	866,687	Sept. 24	2966	840	130	1018
Gas-burner regulating-valve.	F. Egge	850,569	Apr. 16	3753	784	127	2621
Gas-burner regulator.	W. C. Homan	842,887	Feb. 5	89	20	126	1813
Gas-burner. Safety.	L. Ljunglof	863,616	Aug. 20	2395	659	129	2893
Gas-burner. Safety.	F. E. Behm and R. J. Wiley	866,563	Sept. 17	2764	773	130	926
Gas-burner safety device.	A. A. Churchill	855,936	June 4	958	199	128	1985
Gas-burner tip. Acetylene-	E. J. Dolan and M. J. Tracy	862,315	Aug. 6	347	96	129	2192
Gas-burners. Automatic shut-off for.	E. Tavastila	856,742	June 11	2564	527	128	2379
Gas-burners. Combined cock and support for cluster	J. W. McKnight	845,970	Mar. 5	503	104	127	130
Gas-burners. Heating attachment for	P. J. Foley	845,297	Feb. 26	5142	1091	126	3187
Gas-burners. Pneumatic valve-controlling apparatus for	R. N. Oakman	867,591	Oct. 8	565	160	130	1507
Gas-burning air-heating furnace	V. W. Blanchard	867,906	Oct. 8	1053	298	130	1654
Gas-burning apparatus	V. W. Blanchard	868,250	Oct. 15	1611	456	130	1848
Gas-compressor	W. H. Webb, W. G. Brettell, and A. J. Adamson.	859,419	July 9	1712	456	129	608
Gas-compressor	R. O. Klatte	862,564	Aug. 6	790	210	129	2329
Gas-condenser	H. Auchu	871,749	Nov. 19	3322	820	131	911
Gas-conduit-connecting device	C. de Hoffmann	869,370	Oct. 29	3401	936	130	2456
Gas-conduits. Antipulsator for.	T. Thorp	841,196	Jan. 15	2823	616	126	807
Gas-controller. Automatic	J. C. Landes	858,878	July 2	890	232	129	306
Gas-controller. Automatic	J. C. Landes	870,891	Nov. 12	1620	444	131	556
Gas-controlling device.	R. N. Oakman	840,796	Jan. 8	2019	446	126	558
Gas-controlling means.	F. H. Oehlke	844,828	Feb. 19	4206	897	126	2910
Gas-cooler	C. B. Clark	849,369	Apr. 9	1497	304	127	2004
Gas-cooler	J. Vollmer	866,169	Sept. 17	2209	615	130	752
Gas-cooling and gasoline-separating apparatus	D. Hastings and A. W. Brink	867,505	Oct. 1	417	119	130	1445
Gas cooling and mixing tower.	J. T. Hutson	849,071	Apr. 2	915	187	127	1821
Gas cut-off. Automatic.	R. K. Stevens	852,355	Apr. 30	7310	1537	127	3583
Gas cut-off. Automatic	J. G. Fairbanks and W. O. Rice	864,236	Aug. 27	3320	919	129	3210
Gas cut-off. Automatic	E. A. McDonough	869,589	Oct. 29	3761	1030	130	2566
Gas-demonstration apparatus.	J. E. Carroll	847,995	Mar. 19	4607	1010	127	1212
Gas. Device for automatically regulating the quality of	G. F. Conner	849,053	Apr. 2	879	180	127	1811
Gas. Device to shut off flow of	H. C. Babcock	866,609	Sept. 17	2839	801	130	950
Gas-distribution system.	G. H. Diall	845,338	Feb. 26	5208	1105	126	3202
Gas. Drying.	G. G. Smith	844,694	Feb. 19	3933	832	126	2839
Gas-economizer.	H. E. Davis	862,719	Aug. 6	1020	273	129	2397
Gas-engine.	D. M. Tuttle	840,178	Jan. 1	782	171	126	210
Gas-engine.	W. K. Andrew	845,159	Feb. 26	4843	1027	126	3111
Gas-engine.	R. B. Benjamin	846,897	Mar. 12	2382	523-4	127	636
Gas-engine.	W. H. Ash	850,718	Apr. 16	4052	847	127	2695
Gas-engine.	J. W. Lippincott	851,176	Apr. 23	4932	1037	127	2955
Gas-engine.	H. J. Henry	853,303	May 14	1911	397	128	522
Gas-engine.	W. H. Hooper and F. S. Hutchins	854,092	May 21	3518	726	128	969
Gas-engine.	R. Levering	854,096	May 21	3526	727	128	971
Gas-engine.	W. F. Brehm	854,981	May 28	5244	1092-3	128	1438
Gas-engine.	J. H. and J. H. Birch	855,223	May 28	5748	1197	128	1564
Gas-engine.	B. F. Stewart	857,120	June 18	3270	688-9	128	2594
Gas-engine.	L. S. and E. B. Cushman	858,707	July 2	597	157	129	206
Gas-engine.	W. R. Smith	859,852	July 9	2361	641	129	817
Gas-engine.	E. Franklin	860,651	July 23	3606	988	129	1289
Gas-engine.	N. Crane	860,732	July 23	3720	1019	129	1324
Gas-engine.	N. Crane	861,205	July 23	4449	1220-1	129	1562
Gas-engine.	A. N. Parnall	861,673	July 30	5205	1430	129	1835
Gas-engine.	C. Jacobson	861,729	July 30	5288	1454	129	1858
Gas-engine.	F. R. White	862,363	Aug. 6	420	114	129	2216
Gas-engine.	C. I. Longenecker	862,568	Aug. 6	798	213	129	2331
Gas-engine.	H. Stoltenberg	863,234	Aug. 13	1837	493	129	2689
Gas-engine.	J. G. Ennis	863,838	Aug. 20	2719	749-50	129	2997
Gas-engine.	C. H. Morgan	864,249	Aug. 27	3342	926	129	3216
Gas-engine.	H. Pollard	865,267	Sept. 3	765	218-19	130	232
Gas-engine.	J. W. Burkett	865,677	Sept. 10	1435	407	130	468
Gas-engine.	E. Moore	865,972	Sept. 10	1901	532	130	624
Gas-engine.	W. L. Morrow	869,253	Oct. 29	3208	883	130	2396
Gas-engine.	R. W. Powell and C. F. Norton	869,393	Oct. 29	3433	944-5	130	2465
Gas-engine.	E. J. Stoddard	869,991	Nov. 5	190	49	131	67
Gas-engine.	A. R. and F. S. Welch	870,065	Nov. 5	301	83	131	102

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Gas-engine	D. Libby, Jr.	870,240	Nov. 5	577	155	131	189
Gas-engine	J. J. Hogan	870,559	Nov. 12	1077	293-5	131	380
Gas-engine	P. R. Bissell	871,319	Nov. 19	2458	635-6	131	773
Gas-engine	J. Houlehan and W. C. Mayo	871,508	Nov. 19	2878	722	131	835
Gas-engine	E. A. Watts and E. G. Morrison	872,598	Dec. 3	588	123	131	1259
Gas-engine	A. J. Spicer	874,450	Dec. 24	4392	925	131	1971
Gas-engine	J. B. Hoover	875,077	Dec. 31	5682	1185	131	2201
Gas-engine, Rotary	D. W. Williams	859,474	July 9	1784	479-80	129	632
Gas-engine, Rotary	J. Pollock and W. F. Leibenguth	871,523	Nov. 19	2913	728-9	131	841
Gas-engine, Two-cycle	F. von Handorff	858,280	June 25	5547	1186	128	3200
Gas-engine, Two-cycle	V. Jakob	866,654	Sept. 24	2918	825	130	1004
Gas-engine, Vertical	W. von Oechelhaeuser	844,040	Feb. 12	2346	502-3	126	2413
Gas-engine, Vertical	W. von Oechelhaeuser and C. Steinbecker	874,369	Dec. 17	4233	891-2	131	1913
Gas, Enriching blast-furnace	C. Ellis	843,079	Feb. 5	488	102-3	126	1919
Gas-fittings, Coupling device for	R. N. Oakman	868,113	Oct. 15	1413	397	130	1787
Gas for explosive-engines, Generating oil-	F. H. Bates	868,246	Oct. 15	1605	455	130	1845
Gas from crude oil, Device for generating	M. G. Norton	843,692	Feb. 12	1702	362	126	2254
Gas from gasoline, Apparatus for extracting	J. D. Bowles and G. H. Kammerich	853,915	May 14	3141	642-3	128	836
Gas from peat, Obtaining	J. E. Smith	865,537	Sept. 10	1228	350	130	401
Gas-furnace	H. A. Schnelbach	842,427	Jan. 29	5360	1134	126	1521
Gas-furnace	F. and C. Schreiber and C. E. Flaharida	866,688	Sept. 24	2967	841	130	1018
Gas-furnace installation	H. Koppers	864,545	Aug. 27	3827	1061	129	3369
Gas-furnace, Regenerative	G. Hatton	867,038	Sept. 24	3508	995-6	130	1194
Gas, Generating	G. Cothran	847,733	Mar. 19	4052	885-6	127	1081
Gas, Generating	J. R. Coutts	852,930	May 7	1150	237	128	293
Gas, Generating	G. W. Bulley	871,202	Nov. 19	2189	581	131	733
Gas-generating apparatus	G. M. S. Tait	843,715	Feb. 12	1745	372	126	2265
Gas-generating apparatus	W. E. Leonard	851,360	Apr. 23	5314	1113	127	3050
Gas-generating apparatus, Acetylene-	A. C. Einstein	855,843	June 4	784	164	138	1893
Gas-generating apparatus, Acetylene-	T. H. Hawkins	861,837	July 30	5467	1507-8	129	1913
Gas, Generating producer-	M. F. Mangelsdorff	854,228	May 21	3792	782	128	1040
Gas-generating retort	T. L. Stewart	841,466	Jan. 15	3359	726	126	943
Gas, Generation of formaldehyde	A. Eichengrün	866,851	Sept. 24	3217	130	1104	
Gas-generator	J. D. Dawson	840,115	Jan. 1	639	138	126	169
Gas-generator	C. D. Finley	846,295	Mar. 5	1139	251	127	288
Gas-generator	F. Bauke	848,622	Apr. 2	6	2	127	1586
Gas-generator	R. Reid	849,162	Apr. 2	1114	224-5	127	1873
Gas-generator	M. J. Lackner	849,247	Apr. 2	1266	257	127	1912
Gas-generator	I. N. Enright	855,699	June 4	488	102	128	1820
Gas-generator	V. Sepulchre	863,323	Aug. 13	1959	528	129	2726
Gas-generator	J. Ainsworth	863,487	Aug. 13	2188	592	129	2797
Gas-generator	T. J. Christy	866,713	Sept. 24	2999	850-1	130	1027
Gas-generator	P. Meyer	868,205	Oct. 15	1542	438	130	1826
Gas-generator	A. Davis and J. H. Birch	868,847	Oct. 22	2592	714-15	130	2176
Gas-generator	W. M. Cross	869,232	Oct. 29	3172	874	130	2384
Gas-generator	R. M. Bidelman	870,537	Nov. 12	1044	285	131	368
Gas-generator	S. C. Gorsuch	871,497	Nov. 19	2850	717	131	832
Gas-generator	W. Kirkwood	875,186	Dec. 31	5896	1229	131	2237
Gas generator, Acetylene-	C. W. Waymire	840,097	Jan. 1	611	133	126	161
Gas generator, Acetylene-	A. H. Hebert	841,148	Jan. 15	2750	601	126	788
Gas generator, Acetylene-	B. W. Scott	842,345	Jan. 29	5165	1098	126	1463
Gas generator, Acetylene-	G. Laporte	842,962	Feb. 5	234	52-3	126	1848
Gas generator, Acetylene-	T. Babin and J. Colomb	843,429	Feb. 5	1165	245	126	2083
Gas generator, Acetylene-	E. M. Rosenbluth	844,047	Feb. 12	2355	505	126	2415
Gas generator, Acetylene-	S. M. Meyer	844,606	Feb. 19	3757	791	126	2794
Gas generator, Acetylene-	S. M. Meyer	844,609	Feb. 19	3762	793	126	2795
Gas generator, Acetylene-	T. Lenzi	845,560	Feb. 26	5637	1194	126	3308
Gas generator, Acetylene-	H. S. Gallup	850,148	Apr. 16	2948	617-18	127	2409
Gas generator, Acetylene-	L. Pederson	851,772	Apr. 30	6138	1283	127	3287
Gas generator, Acetylene-	J. T. Kittredge	852,066	Apr. 30	6787	1413	127	3454
Gas generator, Acetylene-	G. W. Dayton	853,400	May 14	2083	433	128	566
Gas generator, Acetylene-	F. E. Stover	853,746	May 14	2790	573-4	128	751
Gas generator, Acetylene-	H. G. Leisenring	853,807	May 14	2897	596	128	776
Gas generator, Acetylene-	P. O. Hays	856,148	June 4	1344	282	128	2033
Gas generator, Acetylene-	E. M. Rosenbluth	859,978	July 16	2553	695	129	908
Gas generator, Acetylene-	F. P. Cave	860,011	July 16	2626	714	129	934
Gas generator, Acetylene-	L. H. Hallam	860,370	July 16	3152	862	129	1106
Gas generator, Acetylene-	S. A. Menzzer	861,380	July 30	4757	1299-1300	129	1696
Gas generator, Acetylene-	F. C. Wilson	862,527	Aug. 6	719	193-4	129	2309
Gas generator, Acetylene-	J. McRae and H. Ingram	866,049	Sept. 17	2028	566	130	694
Gas generator, Acetylene-	J. M. Kinard	866,483	Sept. 17	2656	743	130	893
Gas generator, Acetylene-	H. V. Neukirch	866,955	Sept. 24	3377	955	130	1154
Gas generator, Acetylene-	C. W. Beck	867,001	Sept. 24	3444	976	130	1177
Gas generator, Acetylene-	J. E. Goffin	868,425	Oct. 15	1902	533	130	1934
Gas generator, Acetylene-	E. M. Rosenbluth	868,293	Oct. 15	1691	478-9	130	1873
Gas generator, Acetylene-	C. W. Holm	868,988	Oct. 22	2798	772-3	130	2241
Gas generator, Acetylene-	J. Margreth	869,719	Oct. 29	3967	1096	130	2627
Gas generator, Acetylene-	C. E. Malmberg	871,719	Nov. 19	3256	806	131	902
Gas generator, Acetylene-	T. J. Beaudette	873,406	Dec. 10	2274	474	131	1561
Gas generator, Acetylene-	T. F. Little	874,970	Dec. 31	5475	1143	131	2166
Gas generator, Acetylene-	F. E. Stover and C. L. Darnall	875,468	Dec. 31	6448	1347	131	2326
Gas-generator and smelter, Combined	W. H. Adams and F. Powell	841,212	Jan. 15	2863	623	126	816
Gas-generator-controlling device	F. Dürr	846,018	Mar. 5	614	128	127	158
Gas-generator for fumigation	S. F. Aaron and S. H. Hamilton	854,617	May 21	4491	936	128	1216
Gas-generator furnace	L. Benelmans	855,749	June 4	598	123	128	1849
Gas generator, Oil-	A. J. Risky	870,798	Nov. 12	1477	398	131	513
Gas-generator, Siphon	S. F. Aaron and S. H. Hamilton	854,681	May 21	4615	962	128	1247
Gas-generator, Siphon-feed	S. F. Aaron and S. H. Hamilton	854,682	May 21	4617	962	128	1247
Gas-generator support	W. P. Cray	848,639	Apr. 2	37	8	127	1594
Gas generator, Water	F. Dannert	874,309	Dec. 17	4125	868-9	131	1894
Gas generators, Automatic water-feed for acetylene-	H. G. Scott	852,461	May 7	153	27	128	47
Gas generators, Carbide-feed for acetylene-	N. D. Shaffer and J. S. Benton	853,125	May 7	1512	315	128	381
Gas generators, Carbide-feed mechanism for acetylene-	A. E. Schlieder	873,176	Dec. 10	1819	381	131	1484
Gas generators, Carbide-feeding device for acetylene-	A. Davis	868,848	Oct. 22	2594	715	130	2177

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Gas-generators. Hood for discharge-pipes of	A. Davis	864,448	Aug. 27	3643	1013	129	3312
Gas-generators. Means for automatically regulating the supply of oil to	H. C. Hanson	875,173	Dec. 31	5870	1224	131	2232
Gas generators. Sludge-removing mechanism for acetylene-	J. D. Tejada	841,070	Jan. 8	2564	560-1	126	696
Gas-governor	F. Ellis	852,425	May 7	29	7	128	10
Gas-governor	A. Scheck and W. H. Finfrock	870,478	Nov. 5	945	258	131	308
Gas-governor and street-pressure changer. Automatic	A. A. Yankee	869,471	Oct. 29	3567	977-8	130	2507
Gas-heated boiler	R. C. Bishop	852,698	May 7	658	128	128	173
Gas-heater	W. L. Gibson and J. V. Royal	872,811	Dec. 3	1027	216	131	1330
Gas heater or stove	W. Howell	862,560	Aug. 6	784	209	129	2327
Gas-holder	G. E. Crosby	865,480	Sept. 10	1124	319	130	370
Gas-igniter	W. J. Kennedy	867,139	Sept. 24	3654	1038	130	1236
Gas-igniter. Electric	F. C. Nickel, J. E. Martin and C. E. Blackburn	852,342	Apr. 30	7280	1530	127	3577
Gas in mains. Means for ascertaining the temperature of illuminating-	C. O. Bond and C. C. Tutwiler	867,907	Oct. 8	1055	299	130	1655
Gas-jets and their extinction after a predetermined time. Apparatus for automatic lighting of	F. Testor	857,215	June 18	3454	729	128	2641
Gas-light	H. W. Manning	843,474	Feb. 5	1262	265	126	2108
Gas-lighter	C. C. Hartley	875,348	Dec. 31	6215	1296	131	2287
Gas lighter and extinguisher. Automatic	N. Corbeil	849,889	Apr. 9	2492	513-14	127	2259
Gas lighter and extinguisher. Automatic	J. Rosie	861,904	July 30	5558	1535-6	129	1941
Gas-lighter attachment	W. Roche	855,531	June 4	163	33	128	1736
Gas-lighter. Electric	E. H. Pryce	854,177	May 21	3679	761	128	1008
Gas-lighter. Electric	J. Dickens	874,357	Dec. 17	4204	885	131	1909
Gas-lighter. Individual electric	W. K. Davidson	871,112	Nov. 19	1995	544	131	703
Gas lighting and extinguishing apparatus. Automatic	N. H. Shaw	842,259	Jan. 29	4972	1061	126	1412
Gas lighting and extinguishing apparatus. Automatic	A. B. Shaw	868,297	Oct. 15	1697	480	130	1875
Gas lighting and extinguishing device	A. Meyer	871,605	Nov. 19	3068	761-2	131	867
Gas-lighting apparatus	E. A. and E. N. Frary	849,116	Apr. 2	1017	206	127	1848
Gas-lighting. Producing mantles for incandescent	J. A. E. H. Boullier	844,849	Feb. 19	4252	.....	126	2922
Gas-log	V. I. Richards	852,679	May 7	626	120	128	163
Gas-machine	M. B. Mason and E. M. Sinclair	846,680	Mar. 12	1945	427-8	127	525
Gas-machine	J. H. Eichler and J. H. Becker	859,807	July 9	2284	622	129	793
Gas-machine	P. B. Johnson	866,587	Sept. 17	2805	785-6	130	939
Gas machine. Acetylene-	R. H. Walter	848,331	Mar. 26	5255	1146	127	1414
Gas machine. Acetylene-	J. R. Ricketts	852,620	May 7	492	91	128	129
Gas machine. Acetylene-	W. A. Wallace, L. W. and D. O. Bosley	864,215	Aug. 27	3293	913	129	3201
Gas machine. Acetylene-	L. H. Miller	870,190	Nov. 5	495	135-6	131	162
Gas machine. Automatic gasoline-	A. L. Ellis	852,780	May 7	828	166	128	211
Gas. Making	D. A. Short	868,710	Oct. 22	2382	660	130	2114
Gas. Making	B. E. Eldred	869,457	Oct. 29	3593	984	130	2514
Gas. Making and utilizing	A. L. J. Queneau	865,727	Sept. 10	1511	426	130	491
Gas-making apparatus	L. P. Lowe	869,582	Oct. 29	3752	1026	130	2563
Gas-mantle	P. R. Finch	870,229	Nov. 5	562	151	131	184
Gas-mantle. Forming an incandescent	C. M. Lungren	845,154	Feb. 26	4895	1038-9	126	3125
Gas-mantle. Incandescent	J. I. Robin	861,609	July 30	5112	1404	129	1807
Gas-mantles. Machine for firing incandescent	H. Heidorn	860,542	July 16	3408	936-7	129	1191
Gas-mantles. Producing self-lighting	F. W. Mayer	855,798	June 4	680	.....	128	1868
Gas manufacture	H. J. Lea	873,250	Dec. 10	1948	408	131	1508
Gas manufacture. Apparatus for	F. Logan	846,489	Mar. 12	1551	344	127	424
Gas manufacture. Apparatus for	J. T. Paris	847,362	Mar. 19	3290	722-3	127	886
Gas. Manufacture of illuminating and heating	G. W. Ziegler	865,624	Sept. 10	1363	386	130	446
Gas. Manufacturing	J. J. Busenbenz	855,094	May 28	5507	1142-3	128	1504
Gas-manufacturing apparatus	J. J. Busenbenz	846,395	Mar. 5	1349	297	127	341
Gas-manufacturing apparatus	J. J. Busenbenz	848,963	Apr. 2	710	143-4	127	1769
Gas. Manufacturing power-	E. Fleischer	841,499	Jan. 15	3441	741	126	967
Gas. Manufacturing producer-	W. H. Adams and F. Powell	840,461	Jan. 8	1357	801	126	395
Gas-meter	B. H. Spangenberg	865,442	Sept. 10	1057	302	130	350
Gas-meter	J. R. Armstrong	875,485	Dec. 31	6476	1353	131	2332
Gas-meter. Prepayment	B. G. Wagner	870,600	Nov. 12	1141	311-12	131	404
Gas-meter. Prepayment	N. D. Nelson	871,290	Nov. 19	2393	620-1	131	763
Gas-meter. Rotary	T. Thorp	867,766	Oct. 8	816	232	130	1583
Gas-meter. Rotary	T. Thorp	867,854	Oct. 8	958	273-4	130	1624
Gas-mixing apparatus	W. J. Lonergan	845,104	Feb. 26	4750	1007	126	3087
Gas-motor. Rotary	J. F. Higbee	866,466	Sept. 17	2635	736-7	130	888
Gas, oil, and like engine	C. B. Redrup	857,536	June 18	4064	864	128	2796
Gas or gasoline saver and heat-controller. Combination adjustable	W. F. Nichol and D. E. Lacey	845,315	Feb. 26	5170	1097	126	3194
Gas or steam separator	J. E. Angell	873,336	Dec. 10	2138	446-7	131	1537
Gas or vapor by the direct application to it of a suitably-expanded medium. Method of and means for moving a	W. H. Kenerson and A. J. Loep-singer	864,969	Sept. 3	331	88	130	106
Gas-pipe. Extensible	G. W. Thorn	851,569	Apr. 23	5715	1197	127	3147
Gas-pipe safety device	I. L. Cleveland	871,783	Nov. 26	3410	838	131	953
Gas plant. Producer	P. Eyermann	847,054	Mar. 12	2684	590	127	710
Gas plant. Producer	G. L. Morton	871,810	Nov. 26	3475	851-2	131	962
Gas-ports. Apparatus for regulating	R. N. Oakman	840,795	Jan. 8	2018	445	126	558
Gas. Preparing illuminating-	W. H. Gartley	858,603	Oct. 15	2196	612	130	031
Gas-pressure-regulating device	G. Dalen	869,830	Oct. 29	4129	1140	130	2677
Gas-pressure regulator	P. Keller	847,413	Mar. 19	3392	743	127	915
Gas-pressure regulator	A. D. Braddon	872,273	Nov. 26	4467	1061-2	131	1115
Gas-producer	P. Eyermann	841,618	Jan. 15	3656	793	126	1020
Gas-producer	C. J. Atkinson	840,447	Jan. 1	1330	295	126	348
Gas-producer	H. K. Cowen	841,100	Jan. 15	2663	582	126	766
Gas-producer	C. J. Atkinson	841,123	Jan. 15	2705	591	126	777
Gas-producer	H. K. Cowen	843,787	Feb. 12	1870	399	126	2296
Gas-producer	W. R. Miller	845,163	Feb. 26	4852	1029	126	3114
Gas-producer	W. R. Miller	848,118	Mar. 26	4844	1057-8	127	1310
Gas-producer	W. R. Miller	849,848	Apr. 9	2420	493-4	127	2240
Gas-producer	C. L. Huston	852,228	Apr. 30	7088	1481	127	3530

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Gas-producer	C. H. Morgan and A. J. Gifford	852,516	May 7	274	50-1	128	75
Gas-producer	W. B. Hughes	852,957	May 7	1200	247-8	128	305
Gas-producer	W. B. Hughes	852,958	May 7	1201	248	128	305
Gas-producer	A. de Gálócsy, L. de Bánó, and J. Terény.	855,845	June 4	787	165	128	1893
Gas-producer	A. de Gálócsy, L. de Bánó, and J. Terény.	856,137	June 4	1324	277	128	2027
Gas-producer	T. Curry	858,580	July 2	363	93	129	129
Gas-producer	P. Eyermann	858,589	July 2	394	102	129	140
Gas-producer	M. V. Smith	865,954	Sept. 10	1872	525	130	615
Gas-producer	W. B. Hughes	866,032	Sept. 17	2005	558	130	686
Gas-producer	G. C. Heilman	866,131	Sept. 17	2152	598	130	733
Gas-producer	M. V. Smith	868,026	Oct. 15	1289	356-7	130	1750
Gas-producer	G. W. Bulley	870,271	Nov 5	620	167	131	202
Gas-producer	E. D. Hopcroft	872,625	Dec. 3	644	135	131	1268
Gas-producer	C. Gomer	873,037	Dec. 10	1540	322-3	131	1439
Gas-producer	A. J. Gifford	873,039	Dec. 10	1544	323-4	131	1440
Gas-producer	S. Griffin	873,858	Dec. 17	3180	677	131	1746
Gas-producer	O. K. Zwingerberger	874,276	Dec. 17	4052	856	131	1882
Gas-producer	W. Towns	874,458	Dec. 24	4403	928	131	1974
Gas-producer connections. Cleaning	R. H. Miller	873,768	Dec. 17	2984	633	131	1715
Gas-producer feeding apparatus	W. R. Miller	871,428	Nov. 19	2708	685	131	809
Gas-producers. Feed mechanism for	A. L. Parker	850,395	Apr. 16	3420	716-17	127	2536
Gas-producers, furnaces, &c. Feeding mechanism for	J. A. Waldburger	868,147	Oct. 15	1457	410	130	1802
Gas-producers, furnaces, &c. Feeding mechanism for	J. A. Waldburger	874,352	Dec. 17	4195	884	131	1907
Gas-producers. Handling ash in	H. F. Smith	846,358	Mar. 5	1267	278-9	127	319
Gas-producers. Poker mechanism for	S. B. Sheldon	865,616	Sept. 10	1353	383-4	130	442
Gas. Producing	H. L. Doherty	848,729	Apr. 2	215	44	127	1642
Gas. Producing	B. E. Eldred and C. Ellis	869,486	Oct. 29	3591	984	130	2514
Gas-producing and heat-generating process	A. E. Johnson	851,756	Apr. 30	6115	1278	127	3281
Gas-producing apparatus	C. Ellis	843,669	Feb. 12	1664	353	126	2244
Gas-producing apparatus	G. Marconnet	851,954	Apr. 30	6537	1362	127	3390
Gas-producing apparatus	J. S. Smith	859,989	July 16	2587	704	129	920
Gas-producing apparatus	J. N. Whitman	863,817	Aug. 20	2689	742	129	2989
Gas-producing composition	L. G. Harris	858,512	July 2	260	115-16	131	1252
Gas-purifier	D. F. Nisbet	872,576	Dec. 3	556	701-2	130	849
Gas-purifier. Centrifugal	F. V. Matton	866,375	Sept. 17	2517	833	127	2679
Gas. Purifying	G. G. Smith	850,680	Apr. 16	3983	459	129	612
Gas. Purifying	F. Brandenburg	859,427	July 9	1724	290	126	2137
Gas purifying. Acetylene	G. F. Jaubert	850,010	Apr. 9	2677	929	127	1124
Gas-purifying materials. Revivifying	H. L. Doherty	843,524	Feb. 5	1378	1380	127	3414
Gas-regulator	G. Porst	847,818	Mar. 19	4243	740	131	1796
Gas-regulator	D. P. Skellenger	851,999	Apr. 30	6629			
Gas-regulator	G. L. Lewis and J. R. Frankenberg.	874,017	Dec. 17	3476			
Gas regulator and cut-off. Automatic	A. D. Purtle and I. E. Rowland	846,947	Mar. 12	2479	546-7	127	659
Gas-regulator. Automatic	D. H. Kent	875,183	Dec. 31	5892	1228	131	2236
Gas-regulator for burners	C. F. Gaffney	860,459	July 16	3292	900	129	1153
Gas-retort	G. A. Heckert	843,811	Feb. 12	1913	410	126	2308
Gas-retort	G. T. A. Jerratsch	860,095	July 16	2745	749	129	971
Gas-retort charging and discharging apparatus	W. W. Fiddes and J. G. W. Aldridge.	868,853	Oct. 22	2600	717-18	130	2179
Gas-retort charging and drawing machine	J. West	845,834	Mar. 5	196	39-40	127	51
Gas-retort charging apparatus	W. Slingsby	846,355	Mar. 5	1260	276-7	127	317
Gas-retorts, coke-ovens, and the like. Charging	J. G. W. Aldridge and R. E. Gibson.	866,177	Sept. 17	2219	619-20	130	754
Gas-saturating device	J. B. Merwin	871,288	Nov. 19	2389	620	131	762
Gas-scrubber	E. F. Lloyd	860,753	July 23	3758	1029-30	129	1336
Gas seal and regulator. Combined	C. W. Bradley	845,749	Mar. 5	36	8	127	12
Gas-seal box and washer. Combined	I. N. Enright	840,445	Jan. 1	1328	294	126	347
Gas separator and scrubber. Centrifugal	F. Burger	861,634	July 30	5153	1414	129	1820
Gas-tank closure	E. F. Lloyd	845,426	Feb. 26	5380	1142	126	3244
Gas-tank closure	E. F. Lloyd	849,002	Apr. 2	776	158	127	1785
Gas-tank. Portable	A. F. Chace	863,783	Aug. 20	2635	728	129	2970
Gas-tanks. Charging	R. E. Bruckner	847,727	Mar. 19	4038	883	127	1079
Gas tap or valve. Self-closing	C. De Albertis	868,415	Oct. 15	1886	529-30	130	1930
Gas-trap. Safety	F. J. Wood	846,078	Mar. 5	743	155	127	190
Gas-tubeconnection	W. H. Allen	874,378	Dec. 24	4259	897	131	1948
Gas-washer	F. E. Bachman	844,312	Feb. 19	2928	622-3	126	2597
Gas-washer	F. E. Bachman	844,313	Feb. 19	2930	623-4	126	2598
Gas-washer	G. Saaler	856,731	June 11	2542	523	128	2372
Gas-washer	J. Zellweger	866,706	Sept. 24	2991	848	130	1024
Gas washing and cooling apparatus	H. L. Doherty	855,448	June 4	17	4	128	1699
Gas-washing apparatus	C. E. Sargent	872,975	Dec. 3	1370	289	131	1383
Gases. Apparatus for removing impurities from furnace	R. Baggaley	846,815	Mar. 12	2205	484	127	592
Gases. Apparatus for treating noxious	A. C. Day	858,062	June 25	5156	1092	128	3101
Gases for general anaesthesia. Apparatus for generating and administering	C. R. Cummins	853,165	May 7	1582	329	128	400
Gases in burning buildings. Vent for the escape of combustion	J. Elmer	863,059	Aug. 13	1529	415	129	2590
Gases in pipe-conduits. Apparatus for obtaining a uniform rate of flow of	T. Thorp	867,855	Oct. 8	960	274	130	1625
Gases. Making and delivering	B. Loomis and H. Pettibone	863,730	Aug. 20	2543	703-4	129	2941
Gases. Means for producing and distributing combustible	M. V. Smith	868,717	Oct. 22	2397	662-3	130	2117
Gases of motors. Apparatus for deodorizing the exhaust	A. Reichel	873,785	Dec. 17	3016	640	131	1721
Gases or of gas and air for illuminating purposes. Apparatus for producing mixtures of	H. L. Karger	855,953	June 4	982	204-5	128	1941
Gases. Purifying	G. Saaler	856,732	June 11	2546	523	128	2373
Gases. Purifying hydrochloric-acid	W. Hasenbach	862,906	Aug. 13	1316	129	129	2523
Gases with liquids and liquids with gases. Apparatus for treating	C. S. Bradley	867,553	Oct. 1	493	142	130	1466
Gasifier	M. Stewart	853,653	May 14	2592	538	128	699
Gassing yarns and other fibers. Burner for	F. Rivett and S. Oldham	864,917	Sept. 3	244	65	130	76

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Gasket	J. E. Shutt	841,059	Jan. 8	2539	554	126	690
Gasket	W. B. Haynes	843,394	Feb. 5	1108	230	126	2070
Gasket	J. R. Whittemore	854,135	May 21	3603	743	128	988
Gasket	E. A. Wilcox	857,134	June 18	3300	696	128	2602
Gasket	H. E. Grey	864,419	Aug. 27	3587	997	129	3292
Gasket and holder therefor	C. S. Hawley, F. C. Green, W. H. Fulton, and J. F. McElroy.	848,549	Mar. 26	5650	1237-8	127	1510
Gasket and making the same. Closure	J. S. Giles	873,366	Dec. 10	2202	459	131	1548
Gasket-cutter	G. T. Miller	857,647	June 25	4284	905	128	2881
Gasket or washer cutter	E. J. Patton	874,702	Dec. 24	4913	1032	131	2055
Gaskets. Manufacture of	J. Merritt	861,597	July 30	5089	1396-7	129	1800
Gasolene-engine	O. S. Benckendorf	862,603	Aug. 6	852	227	129	2348
Gasolene-engine	L. Wottring	864,586	Aug. 27	3894	1081	129	3390
Gasolene-engine	G. W. Stanley	875,297	Dec. 31	6104	1274	131	2271
Gasolene-indicator	W. F. Pagel	849,807	Apr. '9	2327	477	127	2216
Gasolene or other oils. Measuring apparatus for	J. F. Barker	870,154	Nov. 5	436	119	131	143
Gasometer	J. J. Busenbenz	848,964	Apr. 2	714	144	127	1770
Gate							
See Automatic gate. Pneumatic gate.							
Car-gate. Race-starting gate.							
Crossing-gate. Railway-gate.							
End-gate. Railway-crossing gate.							
Farm-gate. Sliding gate.							
Fence-gate. Swing-gate.							
Ferry-gate. Swinging gate.							
Flood-gate. Tilting gate.							
Flume-gate. Water-gate.							
Head-gate. Water-measuring gate.							
Irrigator-gate. Waterway-gate.							
Liquid-receptacle gate.							
Gate	W. T. Dotson	841,077	Jan. 8	2581	565	126	700
Gate	J. C. and J. A. Fischer	844,859	Feb. 19	4271	910	126	2926
Gate	J. F. S. Goble	844,930	Feb. 19	4386	937-8	126	2954
Gate	C. J. Singer	844,964	Feb. 19	4445	949-50	126	2969
Gate	J. S. Johnson	845,419	Feb. 26	5371	1140	126	3242
Gate	D. B. Allsup	845,444	Feb. 26	5410	1148	126	3251
Gate	P. McCollum	845,566	Feb. 26	5645	1196	126	3310
Gate	C. Patten	849,351	Apr. 2	1464	297	127	1959
Gate	W. M. Watson	850,699	Apr. 16	4022	841	127	2688
Gate	A. Hendrich	851,936	Apr. 30	6505	1356	127	3381
Gate	H. L. Jones	853,088	May 7	1451	304	128	367
Gate	C. Mercer	854,370	May 21	4032	834	128	1104
Gate	H. Wells	854,392	May 21	4072	842	128	1113
Gate	J. M. Higbe	855,948	June 4	976	203	128	1940
Gate	E. J. A. Rice	855,980	June 4	1045	217	128	1958
Gate	F. S. Rogers	856,370	June 11	1851	380	128	2198
Gate	J. F. McNeill	857,099	June 18	3240	681	128	2586
Gate	C. E. Rife	857,834	June 25	4658	988-9	128	2975
Gate	C. J. Van Valkenburg	858,042	June 25	5099	1080	128	3085
Gate	J. Sutherland	860,422	July 16	3233	884	129	1132
Gate	J. W. Johnson	860,670	July 23	3630	895-6	129	1296
Gate	I. Hart	861,513	July 30	4958	1362	129	1758
Gate	L. D. Halle	861,831	July 30	5456	1504	129	1910
Gate	D. James	862,167	Aug. 6	82	23	129	2111
Gate	F. P. Gutelius	862,246	Aug. 6	223	61	129	2152
Gate	C. Siebring	863,231	Aug. 13	1830	491	129	2687
Gate	R. M. Thompson	863,471	Aug. 13	2157	583	129	2788
Gate	G. S. Majors	863,804	Aug. 20	2669	736	129	2980
Gate	E. Van Cleave	863,815	Aug. 20	2687	741	129	2987
Gate	A. N. Salzmann	863,943	Aug. 20	2873	791	129	3043
Gate	E. L. Harper	865,386	Sept. 10	976	280	130	325
Gate	A. J. Laurent	865,404	Sept. 10	999	286	130	332
Gate	B. S. Edwards	865,577	Sept. 10	1287	364	130	420
Gate	W. H. Jordan	866,139	Sept. 17	2161	602	130	735
Gate	C. E. Rife	869,859	Oct. 29	4166	1151	130	2687
Gate	M. W. Legg	870,371	Nov. 5	806	214	131	264
Gate	D. A. Vandevort	870,650	Nov. 12	1237	336	131	437
Gate	G. A. Colvin	870,815	Nov. 12	1509	412	131	524
Gate	C. Schäffer	871,637	Nov. 19	3120	774	131	876
Gate	A. D. Acers	871,905	Nov. 26	3678	897	131	995
Gate	J. Piepergerdes	872,844	Dec. 3	1110	233	131	1340
Gate	E. L. McMichael	873,135	Dec. 10	1734	363	131	1472
Gate	A. E. Aeschlimann	874,376	Dec. 24	4253	896	131	1947
Gate	R. B. Reece	874,541	Dec. 24	4597	965	131	2001
Gate	J. H. Wilson	875,399	Dec. 31	6313	1316	131	2304
Gate and operating means therefor	H. L. Coats	874,165	Dec. 17	3820	805	131	1845
Gate-catch	J. O. Mitchell	842,685	Jan. 29	5934	1250	126	1660
Gate-controlling means. Safety-	C. S. Heller	849,842	Apr. 9	2407	491	127	2237
Gear-cutting machine	J. Parker	846,505	Mar. 12	1590	353-4	127	439
Gate-fastener. Wire	J. L. Albin	861,492	July 30	4935	1355	129	1750
Gate-hanger	C. A. Miller	843,410	Feb. 5	1130	235-6	126	2075
Gate lock and support. Combined swing-	C. E. Sargent	842,711	Jan. 29	5986	1262	126	1672
Gate-lock. Crossing-	W. C. Smith	843,637	Feb. 12	1611	341	126	2231
Gate mechanism	A. E. Miller	843,617	Feb. 12	1573	332	126	2220
Gate-opener	E. T. Morris	851,020	Apr. 23	4618	968-9	127	2877
Gate opener and closer	W. Peltier	866,806	Sept. 24	3158	888	130	1086
Gate-opener. Automatic	T. J. McGinnis	850,441	Apr. 16	3510	734-5	127	2559
Gate opening and closing device	D. A. Lee	860,875	July 23	3939	1079	129	1395
Gate-operating mechanism	G. Haas	870,094	Nov. 5	338	95	131	112
Gate or door hook	O. G. Parsons	842,970	Feb. 5	254	56	126	1853
Gate-post	D. E. Stetler	870,696	Nov. 12	1305	357	131	459
Gear	A. P. Warner and A. B. Cadman	840,977	Jan. 8	2375	521	126	647
Gear. Adjustable	E. T. Mathewson	851,180	Apr. 23	4940	1038	127	2957
Gear-adjusting mechanism	A. J. Benton	857,783	June 25	4554	963	128	2949
Gear and reversing mechanism. Variable-speed	W. H. Horstmann	848,244	Mar. 26	5057	1106	127	1365
Gear-case	W. J. Reich	856,422	June 11	1962	404	128	2225

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Gear. Change-speed	F. A. Ferguson	840,055	Jan. 1	527	114-15	126	140
Gear. Change-speed	A. W. Wigglesworth	840,731	Jan. 8	1897	418-19	126	528
Gear. Change-speed	H. T. Thomas	850,857	Apr. 16	4321	906-7	127	2764
Gear. Change-speed	C. B. King	869,494	Oct. 29	3600	987-8	130	2517
Gear. Change-speed	M. Sizaire and L. Naudin	875,461	Dec. 10	2360	496	131	1579
Gear. Change-speed and reversing	J. R. Farant	857,102	June 18	3243	682	128	2587
Gear. Changeable drive	J. Wiechmann	852,310	Apr. 30	7224	1517	127	3562
Gear. Compensating	E. J. Gould	845,409	Feb. 26	5355	1136	126	3237
Gear-cutter	G. D. Marvin	869,319	Oct. 29	3324	913	130	2431
Gear-cutter	F. L. Eberhardt	874,886	Dec. 24	5249	1105	131	2112
Gear-cutter framing	H. E. and E. G. Eberhardt	858,164	June 25	5352	1137-8	128	3150
Gear-cutter. Turret	E. R. Fellows	844,717	Feb. 19	3985	847-9	126	2851
Gear-cutting machine	J. E. Gleason	842,455	Jan. 29	5422	1150-2	126	1536
Gear-cutting machine	W. A. Jordan	844,729	Feb. 19	4008	854	126	2857
Gear-cutting mechanism	H. M. Darling	867,189	Sept. 24	3757	1061-2	130	1272
Gear. Driving	J. B. Rahn	870,315	Nov. 5	695	188	131	228
Gear-evener and power-indicating means	M. I. Wilson	854,070	May 21	3474	716	128	958
Gear for feed-cutters	S. A. Taylor and C. F. Haldeman	867,444	Oct. 1	319	93	130	1412
Gear for motor-lorries and other vehicles. Transmission	A. Clément	871,108	Nov. 19	1985	542	131	702
Gear for motor-vehicles. Change-speed	G. Cornilleau and A. Sainte-Beuve	857,033	June 18	3101	654	128	2551
Gear for motor-vehicles. Reverse	W. A. Salter	853,120	May 7	1504	313-14	128	380
Gear. Friction	W. J. Seitz	843,634	Feb. 12	1604	339-40	126	2228
Gear. Friction draft	J. J. Hoffman	865,391	Sept. 10	984	282	130	327
Gear. Friction draft	J. R. Cardwell	873,210	Dec. 10	1875	393	131	1494
Gear. Friction draft and buffing	T. L. McKeen	848,260	Mar. 26	5087	1112	127	1371
Gear. Machine	S. W. Smith and A. Hollinger	851,449	Apr. 23	5482	1147	127	3093
Gear. Machine for making worm and spiral	W. K. Liggett	858,081	June 25	5188	1100-1	128	3109
Gear mechanism	W. M. Morgan	859,405	July 9	1693	451	129	601
Gear mechanism. Change	W. L. Schellenbach	844,541	Feb. 19	3394	731-2	126	2712
Gear mechanism. Indicating and locking device for change	B. M. W. Hanson	847,938	Mar. 19	4490	984	127	1185
Gear. Power-transmitting	G. G. Talmage	864,708	Aug. 27	4085	1135	129	3448
Gear. Propeller	W. Witt	864,942	Sept. 3	278	75	130	89
Gear. Reducing	G. and F. Schoedelin	871,240	Nov. 19	2279	597	131	746
Gear. Reefing	D. C. Jennings	843,822	Feb. 12	1927	413	126	2311
Gear. Reversible transmission	O. Petri	850,247	Apr. 16	3140	657	127	2461
Gear. Reversible transmission	W. S. Morton and M. W. Kouns	865,201	Sept. 3	666	189-90	130	202
Gear. Reversible variable-speed driving	G. F. Tadini	841,353	Jan. 15	3155	679	126	891
Gear. Reversing	W. J. D. Miller	842,684	Jan. 29	5933	1250	126	1660
Gear. Reversing	P. Daimler	849,372	Apr. 9	1503	305	127	2006
Gear. Reversing	F. E. Fairman	852,939	May 7	1169	241	128	297
Gear. Reversing	F. G. Gies	856,462	June 11	2028	417	128	2242
Gear. Reversing	E. G. Smith	859,984	July 16	2576	702	129	916
Gear. Reversing	W. Wallace	860,505	July 16	3354	921	129	1173
Gear. Reversing	C. W. Sponcel	870,202	Nov. 5	517	142	131	169
Gear. Reversing and variable-speed	J. O. Hobbs. (Reissue)	12,600	Jan. 22	4761	1017-18	126	1327
Gear. Roller-tooth	C. A. Janson	874,342	Dec. 17	4179	880	131	1903
Gear-shifting device	J. M. Crafts	865,569	Sept. 10	1278	362	130	418
Gear-shifting device	J. M. Crafts	865,570	Sept. 10	1280	362	130	418
Gear. Short-turning	J. A. Reed	859,110	July 2	1221	329	129	412
Gear. Speed	F. H. de Veuille	862,425	Aug. 6	526	141	129	2250
Gear-teeth. Cutter for straight, helicoidal, and conical	L. Boissard	867,342	Oct. 1	175	51-2	130	1365
Gear-tooth. Antifriction	E. T. Alber	857,144	June 18	3317	699	128	2606
Gear. Transmission	J. Schmidt, Jr.	840,383	Jan. 1	1218	265-6	126	320
Gear. Transmission	C. H. Brooks	840,605	Jan. 8	1659	364-5	126	469
Gear. Transmission	W. Degen and A. Manuel	842,773	Jan. 29	6114	1290	126	1702
Gear. Transmission	A. E. Phelon	848,766	Apr. 2	289	59	127	1661
Gear. Transmission	W. W. Macfarren	860,309	July 16	3059	837-8	129	1075
Gear. Transmission	J. H. Richards	863,317	Aug. 13	1946	525-6	129	2720
Gear. Transmission	A. J. Morse	864,903	Sept. 3	220	61	130	68
Gear. Transmission	A. J. Morse	864,906	Sept. 3	228	62	130	72
Gear. Transmission	E. Koeb	870,107	Nov. 5	354	99-100	131	117
Gear. Transmission	A. F. Colgren	870,665	Nov. 12	1261	343-4	131	444
Gear. Transmission	A. P. Boyer	872,220	Nov. 26	4370	1041	131	1100
Gear-transmission mechanism	C. H. Schabinger	850,257	Apr. 16	3157	660	127	2466
Gear. Variable friction	J. R. Crabill	841,850	Jan. 22	4146	893	126	1180
Gear. Variable-speed	J. P. Davis	840,202	Jan. 1	831	182	126	222
Gear. Variable-speed	C. E. Funk	840,927	Jan. 8	2282	501	126	623
Gear. Variable-speed	M. M. Smith	844,203	Feb. 12	2656	570	126	2490
Gear. Variable-speed	S. T. Lewis	856,967	June 11	2966	621	128	2477
Gear. Variable-speed and reversing	W. S. Hovey	864,243	Aug. 27	3332	923	129	3213
Gear. Variable-speed and reversing	F. Markgraf	872,952	Dec. 3	1328	281	131	1376
Gear. Variable-speed and reversing	J. Worthington	875,401	Dec. 31	6317	1317	131	2304
Gear. Variable-speed and reversing transmission	A. P. Boyer	872,219	Nov. 26	4367	1040	131	1099
Gear. Variable-speed power-transmitting	P. Hesselius and J. Jaderlund	874,404	Dec. 24	4311	907	131	1957
Gear. Variable-speed transmission	P. F. Foley	858,336	June 25	5647	1209	128	3225
Gear. Variable-speed transmission and reversing	W. S. Hovey	874,075	Dec. 17	3666	771	131	1816
Gear-wheel	J. J. Jones	870,106	Nov. 5	352	98-9	131	117
Gear-wheels. Making	W. H. Smith	874,448	Dec. 24	4389	924	131	1971
Gear. Yieldable	H. B. Stiltz. (Reissue)	12,627	Apr. 2	1471	299	127	1961
Gears. Controlling mechanism for speed	C. Wicksteed	856,380	June 11	1869	385-6	128	2203
Gearing	W. J. Lloyd	843,471	Feb. 5	1244	261	126	2104
Gearing	F. B. Tyson	844,761	Feb. 19	4083	870	126	2878
Gearing	B. Ljungstrom	845,103	Feb. 26	4748	1007	126	3086
Gearing	G. E. Bouvier and J. N. Proulx	846,086	Mar. 5	757	157	127	193
Gearing	W. Crawford	846,285	Mar. 5	1123	244	127	285
Gearing	A. Gerber	846,465	Mar. 12	1505	335	127	411
Gearing	J. F. McCanna	850,597	Apr. 16	3810	795	127	2635
Gearing	M. H. Ballard	851,213	Apr. 23	5004	1052	127	2972
Gearing	J. Parker	855,068	May 28	5440	1128-9	128	1489
Gearing	J. Schroeder	856,812	June 11	2686	554-5	128	2409
Gearing	F. Pilain	857,361	June 18	3725	787	128	2709
Gearing	L. Maurer	858,614	July 2	439	114-15	129	154
Gearing	E. Freberg	858,711	July 2	602	158	129	208

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Gearing.....	H. C. Shaw and V. Chartener.....	860,944	July 23	4048	1108-9	129	1431
Gearing.....	A. F. Victor.....	863,120	Aug. 13	1654	443	129	2631
Gearing.....	L. Krieger.....	863,612	Aug. 20	2387	655	129	2889
Gearing.....	G. L. Martin.....	864,013	Aug. 20	2969	819	129	3072
Gearing.....	J. C. Flowers.....	864,126	Aug. 20	3147	871	129	3126
Gearing.....	J. J. P. Boatman.....	867,103	Sept. 24	3609	1024	130	1223
Gearing.....	J. W. Leonard and H. E. Brown.....	870,444	Nov. 5	909	246	131	298
Gearing.....	G. D. Wilson.....	870,605	Nov. 12	1149	313	131	406
Gearing.....	B. Ljungström.....	871,227	Nov. 19	2239	591	131	741
Gearing.....	O. Williams.....	872,269	Nov. 26	4462	1060	131	1114
Gearing.....	G. W. Mascord.....	872,528	Dec. 3	455	94-5	131	1237
Gearing.....	A. Farkas and J. Kieffer.....	874,580	Dec. 24	4667	981	131	2014
Gearing. Alternating.....	M. L. Moses.....	852,394	Apr. 30	7403	1553-4	127	3607
Gearing. Alternating rotary.....	S. Loe.....	839,863	Jan. 1	115	28-9	126	33
Gearing. Change.....	A. H. Ehle.....	847,048	Mar. 12	2672	587-8	127	707
Gearing. Change-speed.....	S. Bramley-Moore.....	841,109	Jan. 15	2677	585	126	769
Gearing. Change-speed.....	S. Bramley-Moore.....	850,901	Apr. 23	4416	923	127	2828
Gearing. Change-speed.....	W. M. Power.....	861,388	July 30	4767	1304	129	1699
Gearing. Change-speed.....	S. Bramley-Moore.....	863,145	Aug. 13	1691	454	129	2642
Gearing. Change-speed.....	C. Johnson.....	872,131	Nov. 26	4192	1001	131	1071
Gearing. Changeable-speed.....	E. A. Johnston.....	843,609	Feb. 12	1546	327-8	126	2212
Gearing. Changeable-speed.....	A. L. Muren.....	857,958	June 25	4814	1038	128	3037
Gearing. Changeable-speed.....	E. H. Manning.....	871,132	Nov. 19	2042	554	131	709
Gearing. Changeable-speed.....	A. L. Muren.....	871,233	Nov. 19	2256	594	131	743
Gearing. Changeable-speed.....	J. G. and C. D. Hawley.....	871,337	Nov. 19	2497	644-5	131	779
Gearing. Differential.....	W. Lorenz.....	874,852	Dec. 24	5183	1091-2	131	2103
Gearing. Dynamo-electric variable-speed and reversing.....	M. Albrecht.....	861,931	July 30	5595	1545-6	129	1951
Gearing. Elastic.....	L. F. Dieter.....	844,261	Feb. 12	2793	597-8	126	2526
Gearing. Equalizing.....	A. A. Fuller.....	841,774	Jan. 22	3981	859	126	1136
Gearing for drilling-machines, &c.....	A. E. Newton.....	844,380	Feb. 19	3082	662	126	2635
Gearing for imparting rotary movement at high speed.....	T. Collins and E. L. Hartmann.....	863,905	Aug. 20	2824	777	129	3030
Gearing. Friction.....	L. Maurer.....	846,592	Mar. 12	1781	392	127	482
Gearing. Friction.....	C. B. Hatfield.....	848,593	Mar. 26	5756	1257	127	1538
Gearing. Friction.....	J. F. Hinck.....	854,037	May 21	3390	699	128	936
Gearing. Friction.....	A. O. Carman.....	855,500	June 4	113	23	128	1723
Gearing. Frictional.....	R. and J. Gawron.....	863,376	Aug. 13	2037	551	129	2753
Gearing. Power-transmission.....	J. Gomborow.....	861,110	July 23	4312	1184	129	1518
Gearing. Power-transmission.....	G. Milner.....	870,304	Nov. 5	676	181-2	131	221
Gearing. Power-transmission.....	V. D. Munger.....	874,978	Dec. 31	5488	1146	131	2169
Gearing. Reversing and speed-changing.....	G. G. Talmage.....	864,707	Aug. 27	4084	1135	129	3448
Gearing-shifting device.....	L. A. Frayer and W. J. Miller.....	854,480	May 21	4241	878	128	1155
Gearing. Speed-changing.....	P. A. Bredsvold.....	858,058	June 25	5146	1089	128	3068
Gearing. Speed-changing.....	R. E. Lincoln.....	854,747	May 28	4770	991	128	1317
Gearing. Spiral.....	C. A. Janson.....	856,405	June 11	1927	496	128	2217
Gearing. Transmission.....	R. Symmonds.....	844,760	Feb. 19	4079	869-70	126	2877
Gearing. Transmission.....	J. D. Maxwell.....	864,015	Aug. 20	2970	819-20	129	3073
Gearing. Transmission.....	A. J. Morse.....	864,904	Sept. 3	222	61	130	70
Gearing. Transmission.....	A. J. Morse.....	864,905	Sept. 3	225	62	130	71
Gearing. Transmission.....	G. J. Sogge.....	866,164	Sept. 17	2201	612	130	749
Gearing. Transmission.....	E. M. Hostetter.....	866,202	Sept. 17	2249	627	130	763
Gearing. Transmission.....	R. M. G. Phillips.....	869,143	Oct. 22	3034	837	130	2313
Gearing. Transmission.....	E. B. Kent.....	870,183	Nov. 5	478	131-2	131	157
Gearing. Variable.....	F. Burger.....	874,657	Dec. 24	4820	1012	131	2040
Gearing. Variable-speed.....	W. R. May.....	840,504	Jan. 8	1451	320	126	416
Gearing. Variable-speed.....	F. Eason and T. J. Biggs.....	864,233	Aug. 27	3315	918-19	129	3208
Gearing. Variable-speed.....	J. S. Barnes.....	864,823	Sept. 3	90	25	130	30
Gearing. Variable-speed.....	J. S. Barnes.....	864,824	Sept. 3	91	26	130	30
Gearing. Variable-speed.....	J. G. Lambert and B. E. Wadams.....	866,488	Sept. 17	2663	744-5	130	896
Gearing. Variable-speed.....	E. P. Cowles.....	870,715	Nov. 12	1333	364-5	131	469
Gearing. Variable-speed transmitting.....	J. A. De Vito.....	874,747	Dec. 24	5000	1053	131	2069
Gearing. Worm.....	S. Otis.....	840,157	Jan. 1	747	162-3	126	203
Gearing. Worm.....	A. T. Collier.....	855,937	June 4	960	199	128	1936
Gearing. Yieldable.....	T. H. Gannon.....	865,486	Sept. 10	1134	321	130	372
Gelatin forms or molds. Producing.....	A. Leuchter.....	869,311	Oct. 29	3306	910	130	2427
Gelatin forms or molds. Producing.....	A. Leuchter.....	869,312	Oct. 29	3309	910	130	2427
Gem-displaying ring.....	C. Moe.....	873,156	Dec. 10	1767	372	131	1478
Gem-holder.....	M. Engelsman.....	854,158	May 21	3643	753	128	999
Generating and carbureting apparatus.....	D. Millior.....	858,092	June 25	5216	1105-6	128	3117
Generator.....	W. M. Jewell.....	862,483	Aug. 6	642	172-3	129	2268
Generator.....	J. M. W. Kitchen.....	874,850	Dec. 24	5174	1090-1	131	2102
Generator and burner. Combined.....	R. M. Jackson.....	874,341	Dec. 17	4178	879-80	131	1903
Generators and burners. System of regulation for.....	A. A. Ball, Jr.....	841,760	Jan. 22	3948	853	126	1127
Generators. Control of separately-excited.....	G. Stern.....	866,081	Sept. 17	2083	580	130	710
Generators. Device for controlling the output of.....	E. T. Ford and W. F. Bauer.....	853,301	May 14	1904	396	128	520
Generators. Load-equalizer for.....	S. D. Sprong.....	856,741	June 11	2562	526-7	128	2378
Geographical locator.....	S. F. Enos.....	848,019	Mar. 26	4681	1020-1	127	1269
Gilding-tool.....	W. H. Coe.....	851,615	Apr. 23	5816	1215	127	3174
Gin.....	W. F. Overmyer.....	851,309	Apr. 23	5218	1094	127	3027
Gin.....	W. F. Overmyer.....	851,310	Apr. 23	5219	1095	127	3027
Gin attachment. Linter.....	W. Reinhardt and H. W. Bayliss.....	867,412	Oct. 1	275	81	130	1398
Gin-cylinder.....	C. B. P. Carver.....	868,965	Oct. 22	2767	764	130	2231
Gin-feeder.....	M. E. and J. L. Norris.....	841,182	Jan. 15	2803	611	126	802
Gin-feeder.....	S. E. Thomas.....	841,825	Jan. 22	4095	881	126	1167

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Gin-rib	J. Gilmer	853,235	May 14	1750	364	128	475
Gin-saw cleaner	J. C. Hollingsworth	854,166	May 21	3658	757	128	1003
Gin-saw cleaner	M. Bradford	865,232	Sept. 3	717	204	130	216
Gin-saw-cleaning attachment. Cotton-	H. J. Fitzpatrick	847,753	Mar 19	4094	894	127	1090
Girder	H. P. Jones	861,860	July 30	5496	1516-17	129	1922
Girder and column. Building.	G. M. Graham	865,488	Sept. 10	1137	322	130	374
Girder or beam	P. Zucco	861,930	July 30	5594	1545	129	1951
Girder-separator	C. H. Kellogg	852,665	May 7	603	114	128	157
Girder. Trussed	J. Kahn	862,973	Aug. 13	1409	383	129	2552
Girder. Trussed	J. Kahn	866,140	Sept. 17	2163	602	130	736
Girders. Construction of iron	R. Lipman	866,940	Sept. 24	3352	947	130	1145
Girdle	G. E. Markell	867,146	Sept. 24	3664	1040	130	1239
Girdle. Bust-	N. Dunlap	856,232	June 11	1516	319	128	2110
Girdles. Spreader or former for dress-	E. A. Maywald	858,886	July 2	900	235	129	310
Girth	J. W. Gardner	852,059	Apr. 30	6779	1411	127	3452
Glass:							
See Cheval-glass. Level-glass.							
Glass amalgamating and annealing oven. Wire-	J. I. Arbogast	844,705	Feb. 19	3955	839	126	2844
Glass and show-cases. Fastening for plate-	C. M. Conley	851,920	Apr. 30	6465	1348	127	3373
Glass and show-cases. Fastening for plate-	C. M. Conley	861,266	July 30	4570	1248	129	1638
Glass and similar articles in place. Device for hold-	C. C. Roth	855,813	June 4	717	148	128	1877
ing							
Glass. Apparatus for delivering molten.	R. S. Pease	870,250	Nov. 5	594	159	131	195
Glass articles. Apparatus for fire-polishing	S. O. Richardson, Jr.	844,472	Feb. 19	3227	696-7	126	2672
Glass articles. Apparatus for manufacturing	J. H. Croskey	840,994	Jan. 8	2406	526-7	126	655
Glass articles. Drawing	J. H. Lubbers	847,674	Mar. 19	3937	859	127	1054
Glass articles. Drawing hollow	T. F. Hart	841,011	Jan. 8	2440	533	126	662
Glass articles. Machine for cracking off	C. Arduser	859,721	July 9	2166	585	129	754
Glass articles. Making	J. A. McLane	842,233	Jan. 29	4927	1051	126	1401
Glass articles. Manufacture of	R. E. H. Jonkerougou	845,552	Feb. 26	5627		126	3305
Glass articles. Shaping	W. E. Bock	852,098	Apr. 30	6842	1428	127	3467
Glass-blowing machine	C. A. Tatam	851,262	Apr. 23	5110	1075	127	2997
Glass-blowing machine	R. P. Frist	862,728	Aug. 6	1039	279	129	2403
Glass-blowing machines. Blow-head for	W. D. Fredrick	858,379	July 2	25	9	129	9
Glass-blowing machines. Blow-head for	W. D. Fredrick	858,592	July 2	398	103	129	141
Glass blown bottles and molds therefor. Forming	A. W. Hutchins	840,849	Jan. 8	2117	468	126	582
Glass blown bottles. Implement for forming lips on	A. W. Hutchins	840,565	Jan. 8	1585	348	126	449
Glass bulbs. Rotating heating device for tubulating	R. B. Flather	842,191	Jan. 29	4839	1033	126	1380
Glass caskets, bath-tubs, or similar articles. Mold for	J. Bonshire and J. M. Stafford	875,567	Dec. 31	6624	1386	131	2357
Glass-cutter	R. Anderson	847,633	Mar. 19	3859	843	127	1035
Glass-cutter	V. F. Reich	863,316	Aug. 13	1945	525	129	2720
Glass-cutter's table. Plate-	P. J. Behringer	847,459	Mar. 19	3489	764	127	939
Glass-cutting device	N. A. Lybeck	849,149	Apr. 2	1094	219	127	1869
Glass cylinders. Electric heater for	J. R. Speer	859,260	July 9	1460	389	129	525
Glass-delivering apparatus. Molten-	R. S. Pease	852,196	Apr. 30	7031	1468	127	3515
Glass directly from melting-furnaces. Means for	P. T. Seivert	861,401	July 30	4797	1315	129	1708
pouring							
Glass. Drawing	J. R. Speer and G. H. Harvey	841,193	Jan. 15	2819	615	126	806
Glass. Drawing	R. S. Pease	852,197	Apr. 30	7033	1468-9	127	3516
Glass drawing and blowing apparatus	H. G. Slingluff	847,027	Mar. 12	2628	578	127	696
Glass-drawing apparatus. Hoisting-gear for	R. L. Frink	871,687	Nov. 19	3206	793-4	131	892
Glass-drawing apparatus. Sheet-	I. W. Colburn and E. Washburn	867,948	Oct. 15	1157	319-22	130	1709
Glass-drawing furnace. Sheet-	J. George and C. M. Shortle	842,399	Jan. 29	5297	1123	126	1503
Glass-drawing machines. Air-regulating device for	I. A. Milliron	863,200	Aug. 13	1771	476	129	2669
Glass-drawing method and apparatus. Sheet-	I. W. Colburn	840,433	Jan. 1	1302	287-8	126	340
Glass. Drawing sheet-	J. George and C. M. Shortle	840,838	Jan. 8	2092	464	126	576
Glass. Drawing sheet-	I. W. Colburn and J. Player	849,531	Apr. 9	1831	372	127	2091
Glass-fastener	A. T. Moore	843,027	Feb. 5	378	83	126	1887
Glass-fastening device	G. C. Wright	852,483	May 7	196	35	128	57
Glass. Feed-out device for molten	J. H. Lubbers	858,085	June 25	5202	1103	128	3113
Glass feeding and delivering apparatus	J. Schies	846,057	Mar. 5	691	145	127	176
Glass-feeding machine	W. A. Mansfield	854,511	May 21	4298	889	128	1169
Glass for counting picks or threads in fabrics	J. S. Yergason	861,153	July 23	4370	1199	129	1536
Glass. Forming apertures in	G. A. Macbeth	852,129	Apr. 30	6914	1444	127	3485
Glass-forming machine	J. Riling and C. W. Sagee	847,696	Mar. 19	3987	871	127	1066
Glass from their baths. Separating sheets of	J. R. Speer and G. H. Harvey	841,594	Jan. 15	3599	782	126	1006
Glass-furnace	H. M. Brookfield	841,112	Jan. 15	2682	586	126	771
Glass-furnace	S. O. Richardson, Jr.	849,021	Apr. 2	803	165-6	127	1792
Glass-furnace	C. J. Koenig	850,233	Apr. 16	3115	651	127	2454
Glass-furnace	C. J. Koenig	859,084	July 2	1189	320	129	403
Glass gathering and blowing machine. Automatic	C. J. Koenig	847,666	Mar. 19	3917	855	127	1050
Glass gathering and pressing machine	T. G. Steimer	870,649	Nov. 12	1232	334-5	131	436
Glass gathering and shaping machine	W. F. Bock	870,664	Nov. 12	1253	340-3	131	442
Glass-gathering machine	W. Alles	842,051	Jan. 22	4525	973-4	126	1269
Glass grinding, smoothing, and polishing apparatus.	E. Bagnall. (Reissue)	12,604	Feb. 12	2908	618-19	126	2554
Plate-							
Glass grinding, smoothing, and polishing machine.	E. Bagnall	873,340	Dec. 10	2150	448-50	131	1539
Plate-							
Glass having surface projections. Manufacture of	F. L. O. Wadsworth	867,931	Oct. 8	1086	307	130	1664
Glass-heating apparatus. Electric	G. H. Harvey	859,218	July 9	1396	371	129	501
Glass holder. Looking-	F. B. La May	858,080	June 25	5187	1100	128	3108
Glass-house leers. Bottle carrying and distributing	T. C. Moorshead	861,383	July 30	4761	1301-2	129	1697
apparatus for							
Glass lifter. Plate-	O. N. Staley	865,444	Sept. 10	1059	303	130	351
Glass. Machine for making window or plate	W. W. W. Keyes	846,316	Mar. 5	1181	259-61	127	299
Glass. Machine for making wire-	A. J. Baldwin	847,878	Mar. 19	4358	955	127	1154
Glass-making apparatus	R. S. Pease	852,396	Apr. 30	7409	1554-5	127	3608
Glass-making apparatus. Wire-	A. J. Baldwin	846,771	Mar. 12	2116	464-5	127	569
Glass-making apparatus. Wire-	A. J. Baldwin	858,366	July 2	9	3-4	129	5
Glass. Making fire-retardant	C. J. Jungers	867,510	Oct. 1	425	121	130	1447
Glass making machine. Sheet or plate	W. W. W. Keyes	855,185	May 28	5684	1182-3	128	1549
Glass-making machine. Wire-	A. Shuman	856,661	June 11	2415	497	128	2339
Glass. Making prism-	F. L. O. Wadsworth	865,136	Sept. 3	568	159	130	172
Glass. Making wire-	A. J. Baldwin	847,637	Mar. 19	3865	844	127	1036
Glass. Making wire-	J. A. McLane	861,879	July 30	5525	1524	129	1931
Glass. Making wire-	J. A. McLane	862,096	July 30	5859	1624-5	129	2036

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Glass. Making wire.....	A. J. Baldwin.....	874,380	Dec. 24	4261	898	131	1948
Glass. Making wired.....	R. A. B. Walsh.....	851,787	Apr. 30	6177	1289	127	3297
Glass. Manufacture of sheet.....	J. Wharton.....	841,752	Jan. 22	3928	850-1	126	1120
Glass. Manufacture of wire.....	F. L. O. Wadsworth.....	844,484	Feb. 19	3265	705	126	2682
Glass. Manufacture of wire.....	F. L. O. Wadsworth.....	844,485	Feb. 19	3267	705	126	2682
Glass melting and drawing apparatus.....	L. A. Thornburg.....	868,034	Oct. 15	1300	360	130	1755
Glass-melting furnace.....	W. O. Amsler.....	847,632	Mar. 19	3858	842-3	127	1034
Glass-melting furnace.....	C. F. Cox.....	854,273	May 21	3866	798	128	1060
Glass-melting pot. Continuous.....	C. J. Crites and J. H. Breese.....	856,449	June 11	2010	413	128	2238
Glass. Method and apparatus for drawing.....	R. L. Frink.....	846,102	Mar. 5	789	165	127	201
Glass. Method and apparatus for drawing sheet.....	I. W. Colburn.....	860,525	July 16	3380	929-30	129	1181
Glass. Method and machine for making wire.....	A. Shuman.....	868,713	Oct. 22	2393	661	130	2116
Glass. Method and means for the manufacture of wire.....	W. T. Carter and D. S. Beebe.....	849,459	Apr. 9	1660	336	127	2050
Glass. Method of and machine for making wire.....	N. Franzen.....	844,587	Feb. 19	3725	783	126	2787
Glass-mold.....	S. Hopkins.....	850,577	Apr. 16	3766	787	127	2624
Glass-mold.....	D. D. Hughey.....	856,154	June 4	1357	284	128	2036
Glass-mold-charging mechanism.....	J. H. Croskey.....	852,932	May 7	1155	237-8	128	293
Glass-molding apparatus.....	M. Myers.....	862,003	July 30	5702	1582	129	1985
Glass-molding machine.....	J. S. Lucock.....	859,306	July 9	1530	408-9	129	548
Glass-molding machine.....	J. S. Lucock.....	859,307	July 9	1534	409-10	129	550
Glass-molding machine.....	R. P. Frist.....	862,466	Aug. 6	611	162-3	129	2279
Glass. Opaque.....	A. L. Reinmann.....	851,317	Apr. 23	5233	.....	127	3031
Glass ornamentation for panels, floors, &c.....	C. O. Newman.....	850,538	Apr. 16	3695	773	127	2606
Glass or other fragile receptacles. Protective covering for.....	C. S. Baron and J. F. Hailey.....	846,719	Mar. 12	2002	441	127	539
Glass-plate-grinding machine.....	C. Schwarz and J. Bortzner.....	852,626	May 7	502	93	128	132
Glass-plate-holding clamp.....	L. Gallot.....	844,346	Feb. 19	2987	639	129	2613
Glass plates. Corner-clamp for.....	L. Bartelstone.....	843,861	Feb. 12	2014	433	126	2331
Glass plates. Machine for grinding edges on.....	H. Lohmann.....	862,175	Aug. 6	103	28	129	2116
Glass plates. Mold for blown.....	S. I. Butters.....	839,987	Jan. 1	371	80	126	101
Glass-pot-handling apparatus.....	H. Aiken.....	862,370	Aug. 6	431	117	129	2221
Glass-press.....	E. C. Schrader.....	843,849	Feb. 12	1990	426-7	126	2326
Glass-press.....	H. B. Koehler.....	844,600	Feb. 19	3747	789	126	2792
Glass-press.....	T. J. Conway.....	849,461	Apr. 9	1665	337	127	2051
Glass-press.....	E. J. Hayes.....	860,293	July 16	3030	830	129	1066
Glass pressing and blowing machine.....	G. W. Henning and A. W. Beeson.....	857,803	June 25	4605	976-7	128	2962
Glass. Prism monocular and binocular.....	G. W. Heath.....	849,327	Apr. 2	1246	253	127	1907
Glass. Process and apparatus for fire-polishing plate.....	P. T. Sievert.....	843,238	Feb. 5	821	169-70	126	2002
Glass. Producing opalescent.....	J. I. Arbogast.....	860,957	July 23	4076	1117	129	1442
Glass. Producing wire.....	J. I. Arbogast.....	844,767	Feb. 19	4094	873	126	2881
Glass. Roller for drawing sheets of.....	E. Fourcault.....	844,115	Feb. 12	2484	533	126	2447
Glass-severing machine.....	N. Marshall.....	856,973	June 11	2976	624	128	2480
Glass shade.....	A. Steffn.....	859,625	July 9	2019	545	129	707
Glass-shaping machine.....	W. E. Bock.....	852,097	Apr. 30	6840	1427-8	127	3467
Glass-shaping machines. Mold for.....	W. E. Bock.....	852,099	Apr. 30	6844	1428	127	3467
Glass-shearing device.....	C. W. Sagee.....	859,117	July 2	1239	332	129	419
Glass sheets. Making.....	F. L. O. Wadsworth.....	844,552	Feb. 19	3412	735	126	2716
Glass sheets. Manufacture of.....	W. T. Nicholls.....	862,503	Aug. 6	674	182	129	2297
Glass sheets. Method and apparatus for making.....	W. T. Nicholls.....	868,578	Oct. 15	2139	598-9	130	2010
Glass structure.....	S. I. Feinberg.....	857,230	June 18	3475	733-4	128	2647
Glass structures. Corner-clamp for plate.....	D. A. Cowan.....	850,348	Apr. 16	3334	695	127	2513
Glass supporting and connecting device.....	G. E. Norris.....	861,311	July 30	4633	1266	129	1657
Glass surfaces. Compound for treating.....	R. Hogan.....	865,589	Sept. 10	1305	.....	130	425
Glass-tank.....	M. J. Owens.....	840,245	Jan. 1	919	201	126	249
Glassware to leers. Device for introducing.....	C. R. Knapp and V. Mulhol-land.....	842,209	Jan. 29	4873	1040-1	126	1388
Glass to metallic frames. Device for securing panes of.....	G. Webster.....	859,635	July 9	2030	548	129	711
Glass. Treating.....	W. E. Heal.....	850,833	Apr. 16	4250	895	127	2747
Glass-tube-flanging machine.....	J. T. Fagan.....	866,347	Sept. 17	2476	691-2	130	836
Glass with or without an embedded strengthening structure. Apparatus for making sheet.....	A. J. Baldwin.....	843,860	Feb. 12	2012	432	126	2330
Glass-working apparatus.....	R. M. Paxton.....	872,194	Nov. 26	4307	1028-9	131	1091
Glass-working furnace.....	I. A. Milliron and C. W. Irwin.....	864,665	Aug. 27	4014	1114	129	3425
Glasses. Apparatus for washing.....	A. Vodoz.....	872,702	Dec. 3	799	167	131	1295
Glasses. Cover for.....	R. L. Adams.....	844,906	Feb. 19	4352	929	126	2946
Glassware fire-finishing apparatus.....	A. Thompson.....	858,484	July 2	210	49	129	78
Glassware heating and finishing machine.....	H. A. Schnelbach.....	842,426	Jan. 29	5857	1134	126	1519
Glassware. Machine for making hollow.....	A. B. and O. J. Scott.....	863,946	Aug. 20	2877	792-3	129	3045
Glassware. Machine for making hollow.....	S. E. Winder.....	869,538	Oct. 29	3667	1005-6	130	2537
Glassware-making machine.....	E. S. Hutton.....	844,942	Feb. 19	4402	941-2	126	2958
Glassware. Manufacture of hollow.....	C. F. Cox.....	851,163	Apr. 23	4901	1031-2	127	2948
Glassware. Manufacturing.....	L. A. Fletcher.....	843,594	Feb. 12	1521	322-3	126	2206
Glassware-manufacturing apparatus.....	J. Schies.....	855,344	May 28	5964	1245	128	1620
Glassware-manufacturing apparatus.....	J. Schies.....	855,345	May 28	5967	1245-6	128	1620
Glassware-manufacturing apparatus. Hollow.....	F. A. Grosse.....	840,056	Jan. 1	529	115	126	141
Glassware-manufacturing apparatus. Hollow.....	F. A. Grosse.....	841,511	Jan. 15	3457	744	126	971
Glassware-manufacturing machine.....	A. S. Reichel.....	854,236	May 21	3804	785-6	128	1043
Glassware to leers. Device for conveying.....	C. R. Knapp and V. Mulhol-land.....	842,210	Jan. 29	4880	1041-2	126	1390
Glazed structure.....	E. Van Noorden.....	866,239	Sept. 17	2301	643	130	780
Glazier's point.....	W. H. Jones.....	861,188	July 23	4423	1214	129	1553
Glazier's tack.....	R. C. Zepnick.....	854,263	May 21	3847	794	128	1054
Globe-fastener.....	L. G. Duer.....	865,366	Sept. 10	944	271	130	314
Globe-manipulator.....	J. Gaynor.....	869,836	Oct. 29	4136	1142	130	2671
Glove.....	D. Mackay.....	852,972	May 7	1237	254	128	315
Glove.....	A. G. Hoegren.....	859,559	July 9	1923	518	129	676
Glove.....	D. E. Lauferty.....	872,137	Nov. 26	4202	1004	131	1072
Glove.....	J. E. Landon.....	872,354	Dec. 3	77	14	131	1180
Glove. Apparel.....	B. J. Ricker.....	873,608	Dec. 10	2672	563	131	1629
Glove-blank.....	W. N. Marsden.....	842,408	Jan. 29	5312	1126	126	1507
Glove-cutting die.....	J. P. Möller.....	872,666	Dec. 3	733	152	131	1283
Glove-fastener.....	H. S. Dyke.....	847,920	Mar. 19	4458	977	127	1177

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Glove. Husking-	S. Kvam	871,805	Nov. 26	3465	849	131	961
Glove or mitt. Catcher's	J. M. Rumrill	862,760	Aug. 6	1092	294	129	2417
Glove or mitten. Base-ball	E. Little	874,851	Dec. 24	5182	1091	131	2103
Glove presser and holder	D. F. Greenawalt	862,154	Aug. 6	51	15	129	2097
Glove-retaining device	E. O. De Vries	846,914	Mar. 12	2411	529	127	642
Glove-stretching implement	A. G. Hostachy	867,374	Oct. 1	227	65	130	1382
Glove-sustainer	L. L. Brown	855,833	June 4	758	156	128	1885
Glue	G. Kelly	870,367	Nov. 5	800		131	262
Glue. Bleaching	A. J. Stiegelmann and E. Dehnel	867,167	Sept. 24	3709		130	1258
Glue substitutes. Making	A. Bernstein	845,681	Feb. 26	5882		126	3368
Gluing blanks. Machine for	P. S. Smith	853,480	May 14	2230	465	128	605
Gluing-clamp	A. C. Benson	870,761	Nov. 12	1420	386	131	492
Gluing-machine	C. P. Freestate	849,777	Apr. 9	2274	467	127	2203
Gluing-machine	J. Alger	851,852	Apr. 30	6325	1319-20	127	3338
Gluing machine. Cardboard-	P. Lawrence	844,880	Feb. 19	4308	919	126	2935
Gluing machine. Veneer-	A. A. Dennis. (Reissue)	12,621	Mar. 19	4617	1012	127	1214
Gluten. Obtaining dry	L. A. Morel	864,978	Sept. 3	345	92	130	109
Go-cart	F. W. Dobe	856,850	June 11	2749	571	128	2423
Go-cart	E. C. Moore	867,894	Oct. 8	1029	293	130	1646
Go-cart body	W. A. Marqua	851,820	Apr. 30	6251	1304	127	3318
Go-cart. Collapsible	J. Wolfenden, J. Knutson, and L. Larsen	873,283	Dec. 10	2008	421	131	1518
Go-cart. Folding	W. C. Bull	861,203	July 23	4447	1220	129	1562
Go-cart. Folding	F. B. Moreland	871,608	Nov. 19	3073	763	131	868
Goggles	T. W. Black	843,065	Feb. 5	441	96	126	1905
Goggles	E. B. Meyrowitz	871,762	Nov. 19	3363	825	131	916
Gold and gold-silver ores. Treating	J. A. Just	841,983	Jan. 22	4396		126	1237
Gold and platinum from other material. Machine for separating	C. O. Michaelsen	849,553	Apr. 9	1867	379-81	127	2100
Gold and silver from ores. Extracting	B. Hall	868,551	Oct. 15	2101		130	1998
Gold and silver from ores. Extracting	G. Gurney	871,766	Nov. 19	3369	826	131	917
Gold-dredge	H. J. Clark	842,383	Jan. 29	5256	1115	126	1490
Gold-dredge. Deep-water	W. Guthrie	870,235	Nov. 5	571	153	131	187
Gold extracting and saving apparatus	J. A. Coombes	840,752	Jan. 8	1937	426	126	538
Gold. Extraction of	J. W. Worsey and E. Hoal	846,768	Mar. 12	2111		127	568
Gold from magnetic sands. Apparatus for separating	E. Gates	854,997	May 28	5285	1098-9	128	1448
Gold from silver and other metals. Separating	D. Clark	845,853	Mar. 5	233		127	61
Gold prospecting and mining device	R. Hornbeck, G. B. Campbell, and B. F. Hite	843,606	Feb. 12	1542	326	126	2210
Gold-saving apparatus	J. H. Leggett	846,483	Mar. 12	1540	341	127	421
Gold-saving apparatus	E. S. Bennett	849,101	Apr. 2	978	198-9	127	1838
Gold-washer	B. G. Jayne	855,640	June 4	373	77	128	1789
Gold washing and saving apparatus	G. L. Holmes	849,614	Apr. 9	1978	405	127	2127
Golf-club	W. R. Orthwein	855,016	May 28	5329	1106	128	1460
Golf-club	G. Legh	863,728	Aug. 20	2541	702-3	129	2940
Golf-club	D. Myles	868,687	Oct. 22	2346	650	130	2103
Golf-club	J. Govan	873,423	Dec. 10	2304	482	131	1567
Gong. Pneumatically-operated	F. B. Corey	873,725	Dec. 17	2908	617	131	1701
Gongs, &c. Mechanism for	H. E. Reeve	868,221	Oct. 15	1561	444	130	1831
Goods. Apparatus for processing packaged	E. K. Hood	848,033	Mar. 26	4708	1026	127	1276
Goods by hand. Apparatus for packing packet	J. Aronowitz	848,952	Apr. 2	691	139	127	1764
Goods composed of cotton and wool. Production of effects on mixed	G. Rudolph	873,613	Dec. 10	2680		131	1631
Goods. Folding-board for dress	G. D. Clintsman	860,594	July 16	3490	959	129	1218
Goods-handler	E. E. Welch	852,309	Apr. 30	7223	1517	127	3562
Goods-handler	J. C. Hoover	875,078	Dec. 31	5683	1186	131	2201
Goods raising and lowering apparatus	I. F. Taylor	845,143	Feb. 26	4817	1022	126	3105
Goods-separating device	A. C. Wallace	848,582	Mar. 26	5728	1253	127	1530
Gooseberry-picker	K. Schaal	847,829	Mar. 19	4257	932	127	1128
Gopher-trap	J. A. Heil	861,174	July 23	4398	1208	129	1545
Gopher-trap	W. D. Armstrong, W. C. Hooker, and K. R. Marks	872,041	Nov. 26	4019	964	131	1041
Governing device for marine engines	W. J. H. Fresen	850,473	Apr. 16	3570	746	127	2574
Governing internal-combustion engines. Means for	J. P. and D. C. Stover	859,415	July 9	1708	454-5	129	606
Governing means for internal-combustion engines	R. Hennig	852,272	Apr. 30	7161	1501-2	127	3547
Governing mechanism	C. H. Worsey	863,822	Aug. 20	2694	742-4	129	2989
Governor	R. L. Johnson	840,340	Jan. 1	1104	240	126	295
Governor	S. C. Foster	841,318	Jan. 15	3079	666	126	870
Governor	J. A. Hoak	841,521	Jan. 15	3473	749	126	975
Governor	W. N. Rumely and C. N. Walsh	841,819	Jan. 22	4083	878	126	1164
Governor	A. Hill and S. Purcell	844,129	Feb. 12	2512	539	126	2454
Governor	P. Onsum and H. R. Dohren	847,597	Mar. 19	3763	825	127	1012
Governor	W. Hardwick	849,129	Apr. 2	1056	212	127	1859
Governor	C. R. Cude	854,275	May 21	3869	798	128	1060
Governor	C. Lorenz	854,658	May 21	4566	954	128	1235
Governor	C. Andrews and T. Jackson	858,320	June 25	5619	1203-4	128	3218
Governor	R. A. Rodesch	859,780	July 9	2254	613	129	783
Governor	E. F. Cassel	865,082	Sept. 3	501	138	130	152
Governor	C. R. Lanphear	867,664	Oct. 8	665	188	130	1536
Governor	R. H. Pascall	868,119	Oct. 15	1422	399-400	130	1790
Governor	H. F. Ammermann and W. Lohse	869,041	Oct. 22	2888	797-8	130	2269
Governor	I. J. Babcock	874,284	Dec. 17	4068	858	131	1884
Governor. Centrifugal	C. N. Walsh and W. N. Rumeley	841,832	Jan. 22	4109	884	126	1170
Governor. Centrifugal	V. G. Apple	868,750	Oct. 22	2444	676	130	2131
Governor. Centrifugal emergency-	O. Junggren	859,387	July 9	1671	445	129	594
Governor. Electric and pneumatic	H. W. Young	850,329	Apr. 16	3283	684	127	2501
Governor. Electric and pneumatic	W. K. Rankin and T. F. Kelly	871,360	Nov. 19	2543	654	131	786
Governor. Electromechanical power-	G. H. Davis	871,484	Nov. 19	2824	710	131	828
Governor. Emergency-	F. Samuelson	859,338	July 9	1594	423	129	570
Governor. Engine-	S. S. Hall	854,418	May 21	4128	853	128	1127
Governor. Engine-	S. S. Hall	856,056	June 4	1163	245-6	128	1987
Governor. Explosive-engine	N. Young	855,490	June 4	92	19	128	1718
Governor. Explosive-engine	L. C. Jackson	870,627	Nov. 12	1197	324	131	425
Governor for armature-shafts, &c. Speed-	E. B. Jacobson	856,961	June 11	2952	619	128	2473

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Governor for pumping-engines	C. P. McMullen	859,327	July 9	1575	419	129	564
Governor. Gas-engine	E. P. Johnson and C. I. Lee	870,629	Nov. 12	1200	324-5	131	426
Governor. Marine-engine	S. A. Fraser and J. M. Nichols	843,803	Feb. 12	1902	408	126	2305
Governor. Marine-engine	A. Coates and H. W. Hackett	867,111	Sept. 24	3619	1027	130	1226
Governor. Speed	J. Knowlson	840,499	Jan. 8	1443	318	126	415
Governor. Speed	J. C. Anderson	846,814	Mar. 12	2204	483	127	591
Governors. Safety device for speed	L. Single	845,132	Feb. 26	4801	1017	126	3101
Grab	A. G. Suck	840,525	Jan. 8	1493	330-1	126	427
Grab	A. G. Monks	856,413	June 11	1942	399	128	2220
Grab-hook	A. W. Robinson	852,348	Apr. 30	7295	1533	127	3580
Grade-meter	T. M. K. Overland	846,241	Mar. 5	1045	224	127	266
Grader	J. Bagley	846,278	Mar. 5	1111	241	127	282
Grader	G. A. Bell	871,101	Nov. 19	1973	540	131	700
Grader	E. T. Higgins	874,198	Dec. 17	3899	820-1	131	1856
Grader and scraper. Combined	G. E. Le Clair	840,139	Jan. 1	716	155	126	196
Grader. Elevating	L. V. Brophy	843,662	Feb. 12	1651	350-1	126	2241
Grader. Road	L. Matthews	840,075	Jan. 1	574	125	126	153
Grader. Road	E. Fahrney	840,305	Jan. 1	1033	226-7	126	276
Grader. Road	A. W. McBlain	843,999	Mar. 5	501	103-4	127	129
Grader. Road	W. S. Livengood	817,793	Mar. 19	4166	909-10	127	1108
Grader. Road	J. McMahon	849,079	Apr. 2	930	190	127	1825
Grader. Road	E. C. Sherwin	874,916	Dec. 24	5350	1119	131	2125
Graders. Draft-rigging for elevating	E. B. Rhodes	865,880	Aug. 20	2781	765	129	3015
Graders. Side-draft attachment for road	A. H. Bryan	852,595	May 7	449	83	128	119
Grading and bordering machine. Combined	A. H. Kroschel	871,709	Nov. 19	3239	802	131	898
Grading-machine	C. D. Edwards	869,354	Oct. 29	3379	929-30	130	2449
Grading-machine	G. W. Barnett	869,408	Oct. 29	3461	950-1	130	2475
Grading-machine	G. S. Whitney	871,976	Nov. 26	3858	933	131	1019
Grading machine. Elevating road	R. E. Van Duser and J. O. E. Krohn	858,085	July 2	561	148-7	129	194
Grading-machine for building and repairing roads	W. A. Jones	854,894	May 28	5099	1059-60	128	1402
Grafting-tool	J. M. Haley	870,096	Nov. 5	340	95	131	113
Grain and ear-corn elevator	B. Cunningham	839,814	Jan. 1	27	6-7	126	9
Grain and seed cleaner	H. H. Dunning	854,987	May 28	5255	1094-5	128	1441
Grain and seed cleaner, separator, and grader	C. N. Hatfield	846,999	Mar. 12	2568	565	127	682
Grain and seed huller	J. B. Watkins	866,100	Sept. 17	2115	588	130	722
Grain and straw separator	J. Hutcheson	850,008	Apr. 9	2375	561	127	2303
Grain. Apparatus for the rapid determination of the moisture content of	E. Brown and J. W. T. Duvel	848,616	Mar. 26	5810	1266	127	1550
Grain-assorter	J. K. and J. R. Voorhees	854,443	May 21	4180	866-7	128	1140
Grain-auger mechanism	H. P. Yost	874,475	Dec. 24	4432	935	131	1979
Grain-bag holder	W. R. Mosher	857,820	June 25	4634	983	128	2969
Grain-bin	O. Kelsey	846,570	Mar. 12	1725	380	127	468
Grain-bin	T. Dougherty	849,984	Apr. 9	2640	552-3	127	2295
Grain-bin ventilator	W. L. Finton	867,962	Oct. 15	1186	327-8	130	1717
Grain-bin ventilator, grain-sampler, and weevil-exterminator	J. Feehery	856,457	June 11	2018	415	128	2240
Grain-binder	J. N. McNeese	857,098	June 18	3239	681	128	2586
Grain-binder	G. L. Phelps	843,626	Feb. 12	1593	336-7	126	2225
Grain-binder	M. Molitor	851,825	Apr. 30	6265	1307	127	3323
Grain-binder attachment	C. Maul	872,063	Dec. 3	725	151	131	1281
Grain-binder. Automatic	W. N. Lux and J. C. Schwenk	851,177	Apr. 23	4934	1037	127	2955
Grain-binder knottor	J. A. Beckett	853,432	May 14	2133	445	128	580
Grain-binders. Back-wing support for	C. F. Adams	845,158	Feb. 26	4841	1027	126	3111
Grain-bleacher	C. Maul	857,950	June 25	4891	1034	128	3033
Grain-cleaner	H. J. Caldwell and J. R. Barr	845,446	Feb. 26	5413	1149	126	3251
Grain-cleaner	J. Peacock	854,757	May 28	4799	997	128	1323
Grain cleaner and separator	A. C. Brantingham	873,985	Dec. 17	3412	727	131	1786
Grain cleaner and separator	T. M. Bales	854,623	May 21	4502	939	128	1218
Grain. Cleaning	W. C. Harmon	867,880	Oct. 8	1004	286-7	130	1640
Grain cleaning and pickling machine	W. R. Reid	842,116	Jan. 22	4650	999	126	1299
Grain-cleaning apparatus	H. T. Helgeson	872,130	Nov. 26	4189	1000-1	131	1070
Grain-cleaning mill	J. B. Holgate and C. Clough	857,065	June 18	3169	667	128	2571
Grain-conveyer	C. L. Canady	866,773	Sept. 24	3106	874-5	130	1070
Grain-conveyer	E. Whorrall	853,750	May 14	2802	575	128	753
Grain-conveyer	J. Feehery	856,456	June 11	2017	415	128	2240
Grain-conveyer	E. H. Schroeder	872,462	Dec. 3	312	63	131	1216
Grain. Device for picking up lodged or battered down	E. J. Vraalstad	875,225	Dec. 31	5972	1244	131	2250
Grain-distributor	E. W. Frasch	871,331	Nov. 19	2488	642	131	777
Grain-distributor	H. B. Bozard	844,322	Feb. 19	2942	626-7	126	2601
Grain-door	N. L. Heckman	864,739	Aug. 27	4131	1147	129	3462
Grain-drier	H. H. Boenker	869,412	Oct. 29	3469	953	130	2477
Grain-drier	A. L. Brannock	852,765	May 7	784	156	128	203
Grain-drier	J. A. Higdon	855,312	May 28	5907	1232	128	1606
Grain-drill	J. R. Brooks	861,354	July 30	4715	1287	129	1685
Grain-drill	D. A. Schutt	840,020	Jan. 1	448	97-8	126	121
Grain-drill	M. E. Wilson	841,295	Jan. 15	3039	658	126	860
Grain-drill	O. W. Fisher	845,168	Feb. 26	4861	1031	126	3116
Grain-drill	R. C. Livesay	845,425	Feb. 26	5378	1141	126	3243
Grain-drill	A. L. Johnson	864,469	Aug. 27	3673	1022	129	3323
Grain-drill	A. Armitage and W. P. Thistlethwaite	871,770	Nov. 26	3387	832-3	131	950
Grain-drill	J. Sturrock and A. L. Johnson	872,590	Dec. 3	576	120	131	1256
Grain-drill attachment	T. Umrat	873,970	Dec. 17	3385	720	131	1782
Grain-drill cleaner	S. W. Rowell	860,695	July 23	3668	1005	129	1307
Grain-drill distributing device	R. M. Richards	869,730	Oct. 29	3985	1101	130	2632
Grain-drill tube	F. R. Packham and G. P. Oates	841,887	Jan. 22	4222	909-10	126	1196
Grain-drills. Pressure device for	F. R. Packham and G. P. Oates	841,888	Jan. 22	4224	910	126	1197
Grain-dump. Portable	J. W. Sharick	861,323	July 30	4657	1273	129	1664
Grain-elevator	J. E. Camp	859,596	July 9	1979	533-4	129	695
Grain-elevator	T. F. Hall	850,222	Apr. 16	3098	648	127	2449
Grain elevator and dump	J. W. Roberts	873,959	Dec. 17	3359	715-16	131	1778
Grain-elevator. Beltless and chainless drive	J. Peterson	856,545	June 11	2176	448-9	128	2278
	W. Polis	851,315	Apr. 23	5230	1096	127	3030

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Grain-fender	G. A. Dean and S. E. Hall.....	857,874	June 25	4726	1003	128	2990
Grain-grader	G. H. Rich	855,981	June 4	1047	217	128	1959
Grain-graders or like machines. Screw-roller for	H. W. Maxwell	860,757	July 23	3763	1031	129	1337
Grain-guard	M. Molitor	859,964	July 16	2535	688	129	902
Grain-huller	P. Kerr, A. J. Baumann, and A. J. Shanks.....	862,975	Aug. 13	1411	384	129	2553
Grain-improving apparatus	C. Trettau	845,017	Feb. 19	4561	971	126	2997
Grain-lifter	L. Wikoff	850,704	Apr. 16	4035	843	127	2691
Grain-meter	A. Sonander	853,268	May 14	1811	377	128	491
Grain-meter	A. Sonander	874,706	Dec. 24	4920	1033-4	131	2056
Grain-milling apparatus	G. E. Chamberlain	869,622	Oct. 29	3816	1045	130	2583
Grain, ore, and mineral separators. Cut-off and blast-regulator for	W. Gray	874,329	Dec. 17	4158	875	131	1899
Grain-rake	G. W. Smithson	868,027	Oct. 15	1290	357	130	1751
Grain-renovator	L. J. Johnson	846,211	Mar. 5	994	213	127	253
Grain-riddle	W. H. Emerson	861,446	July 30	4876	1336	129	1731
Grain-sampler	H. M. Gray	855,849	June 4	794	166	128	1895
Grain-sampler for grain-bins	P. M. Ingold	840,943	Jan. 8	2321	510	126	632
Grain-scourer. Rotary	S. T. Wilson	870,071	Nov. 5	308	85	131	104
Grain-screen	O. F. Meyer	844,216	Feb. 12	2693	575	126	2500
Grain separating and vitriolizing machine	A. R. Ferguson	853,076	May 7	1432	299-300	128	363
Grain. Separating garlic or the like from	H. J. Gehr	872,927	Dec. 3	1268	271	131	1367
Grain-separator	J. E. Smith	848,670	Apr. 2	97	22	127	1610
Grain-separator	J. Feebery	856,455	June 11	2016	415	128	2239
Grain-separator	W. Koester	858,294	June 25	5570	1191-2	128	3206
Grain-separator	J. S. Evan	862,624	Aug. 6	880	235-6	129	2358
Grain-separator	W. Clement	868,412	Oct. 15	1881	528	130	1928
Grain-separator	G. W. Tice	871,743	Nov. 19	3304	817	131	910
Grain-separator	F. F. Wells	873,972	Dec. 17	3389	721	131	1782
Grain separator and bolter	J. W. Trace and W. Fifield	849,863	Apr. 9	2445	500	127	2246
Grain-separator feed-regulator	R. A. Little	866,941	Sept. 24	3353	948	130	1145
Grain-separators. Distributer for	M. L. Barbeau	852,050	Apr. 30	6762	1407	127	3448
Grain-separators. Straw-rack for	J. B. Hale	874,585	Dec. 24	4677	983	131	2015
Grain shock or sheaf loader	D. A. J. F., and R. C. Stewart	865,446	Sept. 10	1063	304	130	352
Grain-shocks and the like. Rack for	E. Harrison	868,433	Oct. 15	1918	536	130	1939
Grain-shocker	G. W. Tice	846,632	Mar. 12	1862	409-10	127	504
Grain-shocker	J. G. Stewart	849,931	Apr. 9	2558	530	127	2275
Grain-shocking apparatus	J. Calder	873,500	Dec. 10	2444	514-15	131	1592
Grain-shocking device	J. C. Waggoner	846,364	Mar. 5	1278	281	127	322
Grain-shocking machine	C. W. Anderson	846,888	Mar. 12	2357	518-19	127	631
Grain-storage elevator	F. R. McQueen	873,774	Dec. 17	2995	635	131	1717
Grain-tally	H. H. Warren	869,150	Oct. 22	3050	841-2	130	2320
Grain-transferring device	B. B. Stauffer	841,465	Jan. 15	3355	725-6	126	942
Grain-treating apparatus	C. P. Thompson	875,635	Dec. 31	6868	1433	131	2380
Grain-treating device	C. D. Woolverton	842,289	Jan. 29	5043	1076	126	1430
Grains and similar goods. Pneumatic device for drawing out	P. and C. Gebhardt	850,639	Apr. 16	3911	815	127	2660
Graining device. Floor-	B. P. Hess. (Reissue)	12,697	Sept. 24	3807	1074	130	1288
Graining-machine	B. D. Marks	853,644	May 14	2566	531-3	128	691
Graining-machine	F. I. Matthews	854,170	May 21	3665	758	128	1004
Graining metallic plates. Apparatus for	C. M. Kneppler	854,953	May 28	5193	1082	128	1426
Gramophone	H. Schröder	864,758	Aug. 27	4158	1154	129	3470
Gramophone mechanism	E. Wawrina	847,033	Mar. 12	2638	581	127	699
Gramophone. Multiple	A. T. Moore	865,344	Sept. 3	906	259	130	273
Gramophone record-tablet	J. Sanders	850,494	Apr. 16	3614	756	127	2584
Gramophone records. Adjustable rack for holding	W. D. Alexander	863,961	Aug. 20	2906	800	129	3053
Gramophone speed-indicator	C. A. Cornwall	839,920	Jan. 1	242	52	126	67
Granary	E. G. Ware	849,294	Apr. 2	1351	273	127	1932
Granular furnace	H. N. Potter	875,284	Dec. 31	6085	1270-1	131	2268
Grape-cutter	I. L. Sanders	866,308	Sept. 17	2411	672	130	816
Graphite and deflocculation thereof. Deflocculated	E. G. Acheson	844,989	Feb. 19	4491	.....	126	2982
Graphophone-cylinder holder	W. Krenrich and F. Hammond	853,805	May 14	2894	595	128	776
Graphophone sound-box	J. F. Murray	860,604	July 16	3511	966	129	1225
Graphophone sound-reproducer	W. Hart	867,821	Oct. 8	910	259	130	1611
Graphophones and the like. Needle for	F. Petmecky	849,425	Apr. 9	1603	324	127	2034
Graphophones and the like. Pitch-indicating device for	T. Ziehl	872,399	Dec. 3	164	31	131	1194
Grapple for boring-tubes	J. Bienfait	865,756	Sept. 10	1563	440	130	509
Grapple	G. W. Smith	842,719	Jan. 29	6010	1266	126	1680
Grapple	E. Y. Moore	844,032	Feb. 12	2332	500	126	2410
Grapple	J. K. Flynn	848,231	Mar. 26	5032	1099	127	1358
Grapple	P. L. Niedermier	852,897	May 7	1081	223	128	277
Grapple	A. Landry	856,708	June 11	2498	513	128	2360
Grapple-fork. Drop-time	J. Farrell	870,768	Nov. 12	1432	388-9	131	496
Grapple-hook	J. C. Peterson	868,120	Oct. 15	1424	400	130	1791
Grapple-hook. Automatic	B. Langley	845,555	Feb. 26	5631	1192-3	126	3306
Grass-beater	A. G. Stimpke	851,452	Apr. 23	5487	1149	127	3094
Grass-catcher	J. H. Coult	869,340	Oct. 29	3371	927	130	2445
Grass-catching receptacle	L. Brown	850,418	Apr. 16	3458	725	127	2546
Grass-cutter	B. H. Herriek and F. Cleary	842,199	Jan. 29	4853	1036	126	1383
Grass-cutter	C. F. Crosby	854,468	May 21	4225	874	128	1151
Grass-cutting implement	J. G. Leep	871,806	Nov. 26	3466	850	131	961
Grasshopper-destroying machine	B. Francisco	875,514	Dec. 31	6532	1362	131	2341
Grate	J. Demarest	846,015	Mar. 5	608	136	127	156
Grate	W. McClave	849,914	Apr. 9	2531	523-4	127	2268
Grate	H. F. Rasor	851,608	Apr. 23	5802	1213	127	3171
Grate	H. A. Smith	855,538	June 4	176	36	128	1739
Grate	M. Margolin and A. Karron	855,795	June 4	676	138	128	1867
Grate	F. Kost	856,590	June 11	2272	467	128	2303
Grate	P. B. Hartford	860,210	July 16	2914	796	129	1027
Grate	P. B. Hartford	860,211	July 16	2915	797	129	1027
Grate	A. B. Clunies	860,280	July 16	3013	824-5	129	1061
Grate	A. B. Willoughby	861,784	July 30	5583	1485	129	1887
Grate	E. J. Hoffman	862,915	Aug. 13	1326	361	129	2526
Grate	W. Fitzgerald	864,160	Aug. 27	3210	889	129	3173

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Grate.....	W. McClave.....	865,929	Sept. 10	1834	513-14	130	603
Grate.....	W. Johnson.....	866,588	Sept. 17	2806	786	130	939
Grate.....	F. Girtanner.....	868,338	Oct. 15	1762	498	130	1892
Grate-bar.....	A. L. Howard.....	844,941	Feb. 19	4401	941	126	2957
Grate-bar.....	C. H. Eaton.....	849,986	Apr. 9	2644	553	127	2295
Grate-bar.....	J. A. O'Neill.....	852,739	May 7	734	144	128	192
Grate-bar.....	H. Truesdell.....	855,823	June 4	739	153	128	1881
Grate-bar-locking device.....	E. Wilton.....	866,173	Sept. 17	2214	616-17	130	754
Grate-bar. Protected.....	J. C. Fitzsimmons.....	841,498	Jan. 15	3440	741	126	967
Grate. Basket.....	W. W. Jones.....	868,188	Oct. 15	1504	426	130	1816
Grate-basket. Adjustable fireplace.....	H. E. Moomaw.....	849,077	Apr. 2	925	189	127	1824
Grate. Duplex dumping and shaking.....	P. L. Shaw.....	845,903	Mar. 5	367	75	127	95
Grate-fender.....	M. J. Adams.....	875,403	Dec. 31	6320	1318	131	2305
Grate. Fire.....	C. M. Graham.....	871,584	Nov. 19	3025	753	131	861
Grate mechanism. Stoking.....	W. McClave.....	849,913	Apr. 9	2528	522-3	127	2268
Grate. Rocking.....	G. C. Andrews.....	868,832	Oct. 22	2571	709	130	2170
Grate. Rocking and dumping.....	P. L. Crowe and A. Franken- heim.....	866,627	Sept. 24	2871	811-12	130	992
Grate. Rotatable.....	O. Trossin.....	851,043	Apr. 23	4667	981	127	2890
Grate-shaker. Steam.....	W. H. Hughes.....	845,090	Feb. 26	4720	1001	126	3079
Grate. Shaking.....	C. H. Langill.....	843,952	Feb. 12	2193	469	126	2376
Grate. Shaking.....	A. B. Willoughby.....	857,135	June 18	3301	696	128	2602
Grate. Shaking.....	A. B. Willoughby.....	857,136	June 18	3303	696	128	2603
Grate. Shaking and dumping.....	E. E. and H. L. Strothman.....	852,467	May 7	167	30	128	51
Grate shaking mechanism.....	F. N. Dillon.....	856,397	June 11	1911	393	128	2213
Grate system. Traveling.....	J. E. Bell.....	857,012	June 18	3057	644	128	2538
Grate. Tilting fire.....	A. Carswell.....	872,710	Dec. 3	826	172	131	1297
Grate. Tubular.....	E. Kyllonen.....	867,582	Oct. 8	552	156	130	1502
Grates. Crown top for.....	J. E. Ward.....	842,040	Jan. 22	4508	969	126	1264
Grates. Heating attachment for.....	F. A. Delph.....	862,064	July 30	5801	1608-9	129	2017
Grater.....	J. Husser.....	849,134	Apr. 2	1068	214	127	1862
Grater.....	H. Van der Voort.....	867,687	Oct. 8	698	196	130	1547
Grater-guard.....	A. L. Lewis.....	851,602	Apr. 23	5795	1211	127	3170
Grater. Nutmeg.....	J. S. Dunlap.....	861,359	July 30	4722	1289	129	1687
Grater. Nutmeg.....	R. J. Clark, Jr.....	865,763	Sept. 10	1571	443	130	511
Grating.....	F. E. Canda.....	856,130	June 4	1310	274	128	2023
Grating.....	F. E. Canda.....	856,131	June 4	1312	274	128	2024
Grave construction.....	W. Livingston.....	872,241	Nov. 26	4414	1049	131	1106
Grave-covering device.....	A. McMullen.....	854,833	May 28	4955	1030	128	1364
Grave-filler.....	W. S. Pendleton.....	846,757	Mar. 12	2090	458	127	562
Grave-filling device.....	C. E. Rice.....	844,895	Feb. 19	4334	925	126	2941
Grave marker and protector.....	J. B. Reese, P. C. Strahl, and M. M. Adams.....	868,810	Oct. 22	2538	699	130	2161
Grave-marker. Imperishable.....	J. W. Brownsberger.....	863,354	Aug. 13	2006	540	129	2743
Grave-protector.....	G. H. Knöchel.....	873,052	Dec. 10	1578	330	131	1445
Grave-record.....	T. P. Pigg.....	843,029	Feb. 5	380	84	126	1888
Gravel-spreader and road-leveler.....	D. M. Traube.....	851,712	Apr. 30	6043	1263	127	3263
Graver-sharpener.....	R. L. Hight.....	870,365	Nov. 5	799	213	131	261
Gravers and other tools. Sharpening-holder for.....	W. E. and F. W. Crocker.....	850,084	Apr. 9	2815	590	127	2337
Gravity-carrier.....	R. P. Mathews and C. H. Lister.....	842,155	Jan. 22	4748	1014	126	1324
Gravity-carrier.....	R. P. Mathews and C. H. Lister.....	842,156	Jan. 22	4750	1015	126	1324
Grease-cup.....	C. C. Martens.....	843,833	Feb. 12	1963	419	126	2320
Grease-cup.....	A. J. Gray.....	847,988	Mar. 19	4594	1008	127	1208
Grease-cup.....	F. G. Hunter.....	855,889	June 4	864	179	128	1912
Grease-cup.....	J. Powell. (Reissue).....	12,666	June 25	5745	1224	128	3256
Grease-cup.....	J. J. Aull.....	864,147	Aug. 27	3194	883	129	3169
Grease-cup.....	W. W. Crosby.....	870,346	Nov. 5	752	201	131	247
Grease-cup. Automatic.....	T. L. Derr.....	845,932	Mar. 5	427	87	127	110
Grease-cups. Device for filling.....	H. S. Erd.....	858,167	June 25	5358	1139	128	3152
Grease-extractor.....	T. J. Kieley and F. T. Mueller.....	846,034	Mar. 5	639	134	127	164
Grease-pot.....	T. Gill.....	844,513	Feb. 19	3329	717	126	2696
Greenhouse-bench.....	R. O. King.....	858,187	June 25	5391	1148	128	3160
Gridiron.....	A. C. Parry.....	873,589	Dec. 10	2627	553	131	1623
Grinder.....	W. F. Barnes.....	848,800	Apr. 2	372	74	127	1684
Grinder.....	J. N. and N. J. Lisk.....	856,167	June 4	1383	292	128	2042
Grinder. Band-saw-wheel.....	D. C. Crivvea.....	872,907	Dec. 3	1242	264-5	131	1361
Grinder. Disk.....	R. V. Fields.....	862,724	Aug. 6	1032	276-7	129	2400
Grinder. Disk.....	C. C. Carl.....	863,902	Aug. 20	2821	775-6	129	3029
Grinder. Disk.....	J. M. Ross and J. S. Riddell.....	872,372	Dec. 3	115	21	131	1185
Grinder. Disk.....	W. Brower, M. Rose, and W. O. Jones.....	865,627	Sept. 10	1365	387	130	447
Grinder. Drill.....	O. Lange.....	864,546	Aug. 27	3829	1061	129	3370
Grinder. Face-mill.....	G. W. Smith.....	856,662	June 11	2418	498	128	2340
Grinder. Feed.....	S. K. Dennis and F. W. Rice.....	867,018	Sept. 24	3474	984	130	1185
Grinder. Feed.....	E. E. McCargar.....	871,176	Nov. 19	2137	572	131	724
Grinder. Mower-knife and tool.....	J. M. Ross.....	869,734	Oct. 29	3989	1102	130	2633
Grinding and grating apparatus.....	W. W. Smith.....	850,068	Apr. 9	2782	585-6	127	2328
Grinding and polishing apparatus.....	F. L. O. Wadsworth.....	845,987	Mar. 5	542	113	127	139
Grinding and polishing composition.....	C. H. Snyder.....	841,903	Jan. 22	4250	.....	126	1203
Grinding and polishing machine.....	F. L. O. Wadsworth.....	852,403	Apr. 30	7422	1557	127	3612
Grinding and polishing machine. Sheet-metal.....	J. E. Lewis.....	862,341	Aug. 6	381	104-5	129	2202
Grinding and pulverizing apparatus.....	B. Hunt.....	849,545	Apr. 9	1855	377	127	2096
Grinding and separating fine materials. Apparatus for.....	T. A. Edison.....	841,677	Jan. 22	3777	820	126	1083
Grinding apparatus.....	G. Benicke.....	842,381	Jan. 29	5253	1114-15	126	1489
Grinding apparatus.....	G. Grosvenor and F. A. Coolidge.....	852,021	Apr. 30	6708	1394-5	127	3434
Grinding apparatus.....	G. E. Norris and G. R. Shoe- maker.....	865,426	Sept. 10	1031	294	130	343
Grinding apparatus. Crank-shaft.....	G. Benicke.....	864,880	Sept. 3	186	52	130	58
Grinding balls.....	E. G. Hoffmann.....	868,860	Oct. 22	2609	721	130	2181
Grinding balls.....	E. G. Hoffmann.....	868,926	Oct. 22	2710	747	130	2214
Grinding carding-cylinders. Means for.....	G. Köster.....	865,401	Sept. 10	996	285	130	331
Grinding centers. Attachment for.....	C. L. Petrikin.....	846,245	Mar. 5	1051	226	127	267
Grinding device.....	A. H. Kramer.....	841,541	Jan. 15	3499	755	126	981
Grinding-disk-truing apparatus.....	J. A. Stansbury.....	865,959	Sept. 10	1880	527	130	617

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Grinding-machine	J. T. Wheatman	843,725	Feb. 12	1763	375	126	2270
Grinding-machine	E. A. Peterson	843,964	Feb. 12	2213	473	126	2381
Grinding-machine	W. J. Muncaster and L. A. Fletcher	846,496	Mar. 12	1560	345-6	127	426
Grinding-machine	A. S. Busselle and J. W. Pedigo	847,463	Mar. 19	3497	765	127	941
Grinding-machine	H. L. Henry and W. Althoff	849,391	Apr. 9	1549	314	127	2019
Grinding-machine	J. F. Kinstle and J. M. Peck	849,626	Apr. 9	2002	410	127	2133
Grinding-machine	A. Johnston	850,014	Apr. 9	2680	562-3	127	2304
Grinding-machine	C. King	850,374	Apr. 16	3379	706-7	127	2525
Grinding-machine	H. B. Nichols	856,721	June 11	2522	518-19	128	2366
Grinding-machine	F. Schieffler	859,118	July 2	1240	332	129	419
Grinding-machine	C. I. Shirley	859,343	July 9	1599	424-5	129	571
Grinding-machine	A. B. Landis	861,738	July 30	5301	1461	129	1861
Grinding-machine	A. B. Landis	861,739	July 30	5302	1462	129	1862
Grinding-machine	H. Born	863,350	Aug. 13	1997	538	129	2739
Grinding-machine	G. P. Ransom	863,643	Aug. 20	2453	668-9	129	2905
Grinding-machine	F. Noé	863,937	Aug. 20	2864	788	129	3041
Grinding-machine	J. S. Lucock	864,791	Sept. 3	42	13	130	16
Grinding-machine	C. H. Norton	869,194	Oct. 22	3106	855-6	130	2337
Grinding-machine	G. W. Conklin	869,218	Oct. 22	3142	867	130	2348
Grinding-machine	E. Cook	871,785	Nov. 26	3414	839	131	954
Grinding-machine attachment	J. T. Moltrup	867,991	Oct. 15	1232	340-1	130	1733
Grinding-machine. Calender-roll and knife	J. Linton	840,072	Jan. 1	563	122	126	149
Grinding-machine. Cutlery	C. L. Joy	844,870	Feb. 19	4286	914-15	126	2930
Grinding-machine. Cutlery	C. L. Joy	844,871	Feb. 19	4288	915	126	2930
Grinding-machine feed-regulator	T. A. Edison	873,219	Dec. 10	1889	395	131	1497
Grinding-machine. Razor-blade	F. W. Blasberg	851,057	Apr. 23	4693	987	127	2896
Grinding-machine. Roll	J. Stuart	840,879	Jan. 8	2184	481-2	126	598
Grinding-machines. Eccentric work-holder for	A. B. Landis	855,320	May 28	5921	1235-6	128	1609
Grinding-mill	O. Pfeiffer	847,436	Mar. 19	3443	755	127	926
Grinding-mill	J. F. Winchell	854,861	May 28	5010	1042	128	1378
Grinding-mill	M. Schreck	856,918	June 11	2876	602	128	2453
Grinding-mill	A. M. Dellinger	858,267	June 25	5530	1182	128	3196
Grinding-mill	M. F. Abbé	860,782	July 23	3799	1041	129	1349
Grinding-mill	W. R. Cunningham	860,788	July 23	3812	1045	129	1355
Grinding-mill	L. Holland-Letz	863,066	Aug. 13	1557	421-2	129	2600
Grinding-mill	L. Holland-Letz	863,067	Aug. 13	1560	422	129	2601
Grinding-mill	W. B. Allen and W. Blalack	872,321	Dec. 3	5	1	131	1169
Grinding-mill	H. C. Robinson	874,244	Dec. 17	3988	842	131	1872
Grinding-mill	W. Halstead	874,764	Dec. 24	5033	1060	131	2075
Grinding-mill and pulverizer	J. W. Boileau	864,444	Aug. 27	3638	1011-12	129	3310
Grinding-mill and pulverizer	J. W. Boileau	875,143	Dec. 31	5810	1213	131	2223
Grinding-mill lining	J. R. Brown	864,357	Aug. 27	3503	973	129	3619
Grinding-mill quick release	A. J. Robinson	855,343	May 28	5963	1244-5	128	1625
Grinding-mill. Vertical-disk	A. M. Dellinger	855,099	May 28	5516	1145	128	1506
Grinding or polishing wheel	C. B. Wattles	873,398	Dec. 10	2259	471	131	1558
Grinding or pulverizing mill	W. S. Osborne	845,661	Feb. 26	5842	1234	126	3357
Grinding or surfacing calender bowls and the like.	J. Dronsfield	854,341	May 21	3980	822-3	128	1091
Apparatus for							
Grinding-pans. Shoe and die of	W. Middleton and H. N. G. Cobbe	67,989	Oct. 15	1229	339-40	130	1732
Grinding shoe and die	W. Middleton and H. N. G. Cobbe	874,414	Dec. 24	4337	912-13	131	1961
Grinding spiral or twist drills. Machine for automatically	N. Strickle	845,139	Feb. 26	4810	1019-20	126	3103
Grinding-wheel	A. E. Brown and J. B. Shoe	845,511	Feb. 26	5550	1176	126	3286
Grindstone	E. Franke	845,073	Feb. 26	4677	994	126	3067
Grindstone cutting and dressing machine	J. Grieshaber	845,410	Feb. 26	5357	1136-7	126	3238
Grindstone-flange	H. J. Frink	867,965	Oct. 15	1190	329	130	1718
Grindstone-operating device	T. F. Hopkins	860,092	July 16	2742	748	129	970
Grindstone sickle-support	W. C. Rarig	869,983	Nov. 5	159	43	131	53
Grindstones, emery-wheels, &c. Rest and dresser for	F. Trier	851,328	Apr. 23	5252	1101	127	3036
Grindstones. Water pan or hood for	E. H. Cheesbro	844,497	Feb. 19	3288	709	126	2687
Grip-cord adjuster. Automatic	O. Pedersen	856,722	June 11	2527	519	128	2368
Grip-handle for implements	J. C. Ross	869,213	Oct. 22	3134	864	130	2346
Grip. Pull-rod	C. C. Hanford	867,036	Sept. 24	3506	995	130	1194
Gripping-tool	W. Bollwahn	863,899	Aug. 20	2818	774	129	3028
Grits and dust purifier	C. Jaquet	846,670	Mar. 12	1925	423-4	127	520
Grocery-bin	D. H. Malone	856,646	June 11	2383	490	128	2331
Grooming-machine	J. K. Stewart	858,919	July 2	950	247	129	326
Groove-cutting machine	P. Bontenakels	843,322	Feb. 5	993	204	126	2041
Grooving and jointing machine cutter-head	H. B. Ross	873,093	Dec. 10	1660	346	131	1458
Grooving-machine	A. Klein	861,735	July 30	5297	1459-60	129	1860
Ground-plate	B. J. Jones	873,375	Dec. 10	2221	462	131	1551
Grout mixing and discharging apparatus. Pneumatic	W. L. Canniff	873,345	Dec. 10	2163	452	131	1541
Grubber	D. Taylor, Jr.	853,840	May 14	2977	610-11	128	796
Guano-distributor	R. W. Starling	855,593	June 4	284	57	128	1768
Guard	H. P. Scofield	856,814	June 11	2689	555	128	2410
Guide	J. R. Mitchell	852,073	Apr. 30	6797	1415	127	3457
Guide. Illustrated	G. Kaufmann	853,089	May 7	1452	304	128	368
Guitar attachment	L. E. Hull	866,137	Sept. 17	2157	600-1	130	735
Gum-purifier	C. T. Hamilton	861,113	July 23	4316	1185	129	1519
Gun	E. Sanner	845,481	Feb. 26	5504	1165-6	126	3275
Gun	I. A. Tomasini	859,153	July 2	1298	345	129	438
Gun	C. A. T. Sjögren	866,972	Sept. 24	3398	962	130	1160
Gun. Air	P. H. Quackenbush	841,815	Jan. 22	4069	876-7	126	1160
Gun. Air	W. F. Markham	842,324	Jan. 29	5113	1087	126	1449
Gun. Air	A. L. Blomen and P. S. Fwerlöf	843,573	Feb. 12	1480	315	126	2198
Gun. Air	F. F. Bennett	843,990	Feb. 12	2259	482	126	2392
Gun. Air	W. F. Markham	860,754	July 23	3760	1030	129	1336
Gun and carriage. Naval landing	R. P. Stout and F. G. Hughes	856,376	June 11	1863	383-4	128	2201
Gun. Automatic	W. H. Bevans and C. W. Bartholmes	851,196	Apr. 23	4970	1044-5	127	2964
Gun. Automatic	M. L. Bristol	862,384	Aug. 6	450	122	129	2228
Gun. Automatic	A. W. Schwarzklose	863,101	Aug. 13	1614	434-5	129	2617
Gun-barrel	T. A. Parker	863,431	Aug. 13	2106	567	129	2773

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Gun-barrels by fluid under pressure. Means for cleaning and cooling	A. G. Winter	854,323	May 21	3947	816	128	1082
Gun-barrels. Means for removing powder-gases from.	F. Bohn and F. Bundgens.	864,152	Aug. 27	3200	886	129	3170
Gun. Breech-loading	A. Fyrberg	869,967	Nov. 5	129	36-7	131	42
Gun-carriage.	S. N. McClean	862,502	Aug. 6	671	181-2	129	2296
Gun-carriage. Disappearing	J. Krone	871,708	Nov. 19	3238	802	131	898
Gun-case	H. C. Reuter	873,786	Dec. 17	3017	640	131	1721
Gun-case and ammunition-belt. Combined	N. T. Veliquette	873,140	Dec. 10	1744	366	131	1473
Gun-cleaner	C. T. Forbes	842,776	Jan. 29	6123	1292	126	1705
Gun-cleaner	P. E. Aird	860,180	July 16	2867	782	129	1012
Gun-cleaning implement	C. Hildenbrand	849,786	Apr. 9	2288	470	127	2206
Gun-cleaning rod	S. A. North	841,336	Jan. 15	3116	673	126	881
Gun-cleaning tool	A. H. Durston	864,837	Sept. 3	116	32	130	37
Gun-closure	M. Hermsdorf	859,558	July 9	1922	517-18	129	675
Gun cocking mechanism	C. F. Lefever	865,310	Sept. 3	840	242	130	254
Gun-control system	J. L. Hall	848,988	Apr. 2	752	153	127	1780
Gun-elevating mechanism	K. Völler	863,765	Aug. 20	2601	719	129	2958
Gun-elevating mechanism	O. Lauber and H. Kanonenberg	864,175	Aug. 27	3227	894	129	3179
Gun-fire. Instrument for measuring and correcting errors of	J. L. Latimer	858,297	June 25	5579	1192	128	3208
Gun from its carriage to a gun-carrying vehicle. Means for transferring a	C. P. E. Schneider and E. Ri-mailho.	848,858	Apr. 2	525	104	127	1722
Gun. Gas-	W. S. Franklin	874,952	Dec. 31	5439	1137	131	2161
Gun. Gas-operated	L. V. Benet and H. A. Mercie	861,939	July 30	5606	1549-56	129	1954
Gun hand-protector	L. M. Norwood and J. H. Willink	861,385	July 30	4764	1302	129	1698
Gun hand-protector	P. North	874,981	Dec. 31	5494	1147	131	2170
Gun-house and the like.	R. A. Hadfield	863,063	Aug. 13	1543	129	2596	
Gun-layers in pointing guns. Apparatus for instructing	R. D. White	867,862	Oct. 8	969	277-8	130	1628
Gun-lock	W. J. Molloy	868,681	Oct. 22	2336	646	130	2100
Gun. Machine-	L. Jusselin	861,467	July 30	4901	1345-6	129	1739
Gun. Magazine-	W. H. Gates	840,309	Jan. 1	1044	228-9	126	279
Gun. Magazine-	C. Hansen	841,088	Jan. 8	2609	571-2	126	709
Gun. Magazine-	C. Hansen	844,017	Feb. 12	2304	493-4	126	2404
Gun. Magazine-	J. Lauber	846,576	Mar. 12	1737	384	127	471
Gun. Magazine-	J. M. Browning	864,608	Aug. 27	3934	1091	129	3401
Gun. Magazine air-	D. F. Polley	872,747	Dec. 3	902	187	131	1309
Gun-mount	L. V. Benet and H. A. Mercie	851,485	Apr. 23	5553	1163-5	127	3109
Gun mount. Portable	W. Mayer	842,570	Jan. 29	5655	1196	126	1590
Gun muzzle attachment. Automatic	A. T. Dawson and J. Ramsay	870,497	Nov. 5	980	267-8	131	317
Gun. One-pounder machine-	S. N. McClean	858,745	July 2	663	175	129	230
Gun-pointing apparatus	W. H. Driggs	866,441	Sept. 17	2597	725-6	130	875
Gun. Portable	O. Lauber and F. Stock	860,490	July 16	3331	912	129	1166
Gun. Powder-	J. L. Webster	848,946	Apr. 2	679	137	127	1761
Gun-rack	E. E. Lamb	846,674	Mar. 12	1937	426	127	523
Gun. Semi-automatic	L. V. Benet and H. A. Mercie	852,253	Apr. 30	7126	1492-3	127	3540
Gun-shells. Device for contracting and reloading	J. Ansell	870,608	Nov. 12	1154	314-15	131	408
Gun-sight	H. Gunn	843,145	Feb. 5	625	132	126	1954
Gun-sight	H. J. and T. T. Wise	846,173	Mar. 5	921	195	127	234
Gun-sight	D. W. King, Jr.	846,217	Mar. 5	1004	215	127	255
Gun-sight	J. Y. Bassell and F. C. Blenkner	846,385	Mar. 5	1322	291	127	333
Gun-sight	F. O. Brockhaus	847,643	Mar. 19	3872	846	127	1038
Gun-sight	A. G. La Riviere	847,953	Mar. 19	4519	991	127	1191
Gun-sight	F. A. Schanz	849,504	Apr. 9	1783	361	127	2078
Gun-sight	H. M. Cremer	857,160	June 18	3347	707	128	2613
Gun-sight	F. A. Schanz	861,396	July 30	4792	1313	129	1707
Gun-sight	W. J. Hawkins	861,652	July 30	5172	1420	129	1826
Gun-sight	J. Y. Bassell and F. C. Blenkner	870,337	Nov. 5	737	198	131	242
Gun-sight	J. Y. Bassell and F. C. Blenkner	870,610	Nov. 12	1157	315	131	409
Gun-sight	G. H. Garrison and W. A. Hillis	873,535	Dec. 10	2521	532	131	1604
Gun-sight devices, &c. Screw-gear for	O. Grauhering	854,999	May 28	5288	1099	128	1449
Gun-sight. Removable	J. B. Uren and A. W. A. Phair	875,016	Dec. 31	5568	1163	131	2182
Gun sighting device. Portable	J. Kurig	842,564	Jan. 29	5642	1193-4	126	1588
Gun-stock	E. J. Perrey	853,933	May 14	3186	653	128	847
Gun-stock	P. H. Clarisey	855,229	May 28	5759	1199	128	1568
Gun-stock	F. Balson	856,016	June 4	1101	229	128	1972
Gun-stock	W. S. Alves	856,507	June 11	2102	432	128	2260
Gun-stock. Jointed	H. W. Munson	843,227	Feb. 5	805	166	126	1999
Gun. Take-down	T. C. Johnson	855,181	May 28	5677	1181	128	1547
Gun-trap	W. Klespies	861,128	July 23	4340	1190	129	1527
Gun-trigger. Auxiliary	J. H. Keyse	851,626	Apr. 23	5836	1219	127	3179
Gun. Tubular-magazine automatic	W. Mason	874,856	Dec. 24	5188	1093-6	131	2104
Gun with recoiling barrel	K. Völler	855,366	May 28	6002	1253	128	1630
Gun with wedge breech-block. Barrel-recoil.	M. Hermsdorf	842,547	Jan. 29	5609	1187	126	1580
Guns and other tubes. Device for cleaning	F. M. Bigelow	867,098	Sept. 24	3603	1022	130	1221
Guns. *Automatic extractor for detonating cartridges in breech-loading	E. Olsson	843,231	Feb. 5	811	167	126	2000
Guns. Cartridge-deflector for top-ejection	W. Bennett	851,643	Apr. 30	5595	1232	127	3226
Guns. Cartridge-deflector for top-ejection	T. C. Johnson	851,669	Apr. 30	5944	1242	127	3237
Guns. Choke attachment for	R. P. Cory	847,911	Mar. 19	4429	972	127	1170
Guns. Feed mechanism for automatic magazine	H. Lehmann	857,244	June 18	3500	739-40	128	2652
Guns. Fluid-brake for recoil	O. Lauber and N. Koch	864,658	Aug. 27	4000	1110	129	3421
Guns. Fluid-recoil brake for	H. Motz and E. Müller	856,174	June 4	1394	294	128	2044
Guns having recoil action on the carriage from the firing position to the traveling position and the converse. Means for moving the barrels of	K. Völler	850,984	Apr. 23	4551	953-4	127	2860
Guns. Lever-actuated wedge breech mechanism for	M. Hermsdorf	860,471	July 16	3307	904-5	129	1158
Guns. Means for cleaning out the chambers and bores of	A. H. Emery	870,528	Nov. 5	1027	280	131	331
Guns. Revolver attachment for	J. Adrianson	839,978	Jan. 1	352	77-8	126	96
Guns. Semi-automatic attachment for breech-loading	W. H. Driggs	867,258	Oct. 1	41	12-14	130	1328
Guns. Single-trigger mechanism for double-barrel	L. L. Curtis	858,581	July 2	364	94	129	130
Guns. Single-trigger mechanism for double-barrel	M. D. Hogan	864,373	Aug. 27	3524	975	129	3272
Guns. Single-trigger mechanism for double-barreled	O. W. Brenizer	867,697	Oct. 8	711	199-200	130	1551

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Guns. Telescope attachment for	T. C. Johnson	852,119	Apr. 30	6889	1439	127	3478
Guns. Telescope-mounting for	J. Wilkinson	867,328	Oct. 1	147	44	130	1358
Guns that recoil on their carriages. Compressed-air brake for	J. A. Deport	843,522	Feb. 5	1373	289	126	2137
Guns. Training-lever for	J. Krone	842,563	Jan. 29	5641	1193	126	1587
Gunnery-correcting device. Automatic	E. W. Hubbard	865,247	Sept. 3	733	210	130	221
Gunpowder. Manufacture of	C. W. Volney	874,264	Dec. 17	4031	852	131	1878
Gutter attachment. Rain-	L. H. De Limon	861,095	July 23	4287	1177	129	1508
Gutter-insertor	D. A. Sapp	864,997	Sept. 3	370	99	130	116
Gutter-sweeping machine	J. Weiland	862,224	Aug. 6	183	51-2	129	2140
Guy-wire fastener	A. Bearse	849,100	Apr. 2	976	197	127	1838
Guy-wire fastener	A. Bearse	855,381	May 28	6024	1257	128	1636
Gymnasium apparatus	G. C. Berglund	860,517	July 16	3367	925	129	1177
Gymnastic horizontal bars. Means for supporting	W. Westenhoff	849,035	Apr. 2	837	172	127	1801
Gymnastic performances. Means for producing aerial	J. J. Williams	847,139	Mar. 12	2827	624	127	744
Gynecological sling	M. C. Burrus	875,046	Dec. 31	5625	1174	131	2198
Gypsum-burning kiln	F. Raithel	852,016	May 7	487	90	128	128
Gyrating machine	J. M. Schutz	859,412	July 9	1703	453	129	604
Gyratory crusher	J. B. Rhodes	839,891	Jan. 1	175	39	126	49
Gyratory crusher	W. A. Spring	839,901	Jan. 1	201	44	126	57
Gyratory crusher	O. C. Redding	850,491	Apr. 16	3607	755	127	2582
Gyratory crusher	H. I. Keen	863,284	Aug. 13	1902	514	129	2707
Gyroscope	N. Ach	875,036	Dec. 31	5604	1170	131	2182
Hacksaw	E. Wentworth	844,981	Feb. 19	4473	954	126	2977
Hair-clipper	W. Blair	864,150	Aug. 27	3196	884	129	3170
Hair-clipping device	I. N. Brigham	874,932	Dec. 31	5386	1125	131	2150
Hair-comb	F. S. Cartwright	842,524	Jan. 29	5570	1178	126	1571
Hair-comb	E. A. Baker	849,766	Apr. 9	2250	462	127	2197
Hair-comb	W. C. Schulz	861,398	July 30	4794	1314	129	1708
Hair-comb	H. Cooley	863,510	Aug. 13	2224	601	129	2808
Hair-crimper	J. F. Martin	844,823	Feb. 19	4202	895	126	2908
Hair-crimper	E. Believeau	861,426	July 30	4840	1328	129	1722
Hair-crimper	G. Moerlein	861,752	July 30	5322	1469	129	1868
Hair-curler	E. D. and H. Payne	861,479	July 30	4917	1350	129	1744
Hair-curler. Electrical	H. Deierl	849,981	Apr. 9	2637	551	127	2294
Hair-curling device	H. I. West	850,553	Apr. 16	3725	778	127	2614
Hair-curling device	F. C. Grocott	854,884	May 28	5089	1056	128	1397
Hair-cut register	J. W. B. Faris	873,998	Dec. 17	3438	731	131	1792
Hair-cutting device	F. Kober	868,453	Oct. 15	1949	544	130	1949
Hair-cutting register	H. C. Kelley	848,659	Apr. 2	75	18	127	1603
Hair-dresser's tool	J. Machado	861,596	July 30	5088	1396	129	1800
Hair-drier	I. Allen and G. Hanlon	847,872	Mar. 19	4341	952	127	1151
Hair-drier	C. O. Falkenstrom and U. L. Sundblad	851,283	Apr. 23	5164	1085	127	3013
Hair-drier	C. S. Mason	851,764	Apr. 30	6128	1281	127	3284
Hair-drying apparatus	P. Schwidewski	841,584	Jan. 15	3579	777	126	1001
Hair-drying apparatus	E. McIver and J. Widua	870,740	Nov. 12	1372	376	131	481
Hair-drying apparatus	R. Grape	874,065	Dec. 17	3645	765	131	1814
Hair-drying comb	P. E. Oswald	862,101	July 30	5869	1626	129	2039
Hair-drying implement	J. A. Paasche	871,182	Nov. 19	2150	574	131	726
Hair-pin	W. Adler	845,502	Feb. 26	5538	1174	126	3284
Hair-pin	R. I. Pryce-Jones	848,048	Mar. 26	4732	1031	127	1282
Hair-pin	F. J. Mooers	854,901	May 28	5109	1063	128	1405
Hair-pin	B. H. Cook	864,360	Aug. 27	3507	974	129	3266
Hair-pin	J. T. Leonard	871,422	Nov. 19	2695	684	131	807
Hair-pin	G. H. Spray	871,646	Nov. 19	3131	777	131	879
Hair-pin	D. W. McNeil	873,163	Dec. 10	1790	375	131	1480
Hair-pin cutter	W. H. Goodale and A. L. Preston	856,577	June 11	2253	463	128	2298
Hair-pins. Manufacturing	D. H. Haywood	862,475	Aug. 6	626	168	129	2284
Hair-removing apparatus	M. G. Fowler	845,455	Feb. 26	5449	1154	126	3262
Hair-retaining device	M. L. Bagley	857,222	June 18	3465	731	128	2644
Hair-spring locator	B. Z. Friedman	871,866	Nov. 26	3608	881	131	982
Hair-straightener	C. C. Call	846,183	Mar. 5	937	198	127	238
Hair-straightening device	G. W. Fields	853,349	May 14	2000	413	128	546
Hair-tonic	E. N. Sheldon	841,057	Jan. 8	2537		126	689
Hair-tonic and dandruff preventive	F. W. Brock	855,383	May 28	6027		128	1636
Hair-trimmer	F. and O. Kampfe	847,782	Mar. 19	4147	905	127	1103
Hair-waver	S. H. Tolman	850,452	Apr. 16	3528	737	127	2563
Hair-waving device	E. Timanus	868,303	Oct. 15	1710	482	130	1878
Half-tones. Backing-lumber for	W. Brown and A. Weber	841,115	Jan. 15	2687	587	126	772
Halter	H. Bramer	839,980	Jan. 1	357	78	126	97
Halter	S. E. Gates	871,925	Nov. 26	3730	908	131	1002
Halter and bridle. Combined	D. H. Knight and S. S. Adams	865,308	Sept. 3	835	241	130	253
Halter and twitch. Convertible	C. McClintock	856,415	June 11	1946	399-400	128	2221
Halter. Compound twitch	C. McClintock	843,689	Feb. 12	1697	361	126	2253
Ham-compressing machine	G. Mongardi	849,008	Apr. 2	785	161	127	1787
Ham for market. Preparing	L. Burk	844,096	Feb. 12	2449	524	126	2438
Hame	J. F. Hopfner	846,745	Mar. 12	2063	452	127	554
Hame	J. H. B. Butts	868,528	Oct. 15	2066	580	130	1985
Hame and trace connection	A. A. Galt	871,688	Nov. 19	3208	794	131	892
Hame and trace connector	J. M. Cooper	872,499	Dec. 3	382	80	131	1228
Hame attachment	D. Glein	842,400	Jan. 29	5299	1123	126	1504
Hame-fastener	S. T. Marlette	862,744	Aug. 6	1070	288	129	2410
Hame-fastener	R. C. Eldridge and J. Willers	863,162	Aug. 13	1712	460	129	2649
Hammer	W. J. Malloy	842,323	Jan. 29	5112	1087	126	1449
Hammer	W. McDougall	846,687	Mar. 12	1954	430	127	527
Hammer	H. Lewis	850,024	Apr. 9	2696	566	127	2308
Hammer	S. S. Stuhag	856,822	June 11	2700	557	128	2412
Hammer	W. H. Parker, Jr.	857,104	June 18	3248	683	128	2589
Hammer	H. C. Lyon	858,884	July 2	897	234	129	309
Hammer	E. D. Wheeler	863,957	Aug. 20	2898	798	129	3052
Hammer	A. K. Harford	865,889	Sept. 10	1774	493	130	586
Hammer	J. C. Bates	872,886	Dec. 3	1198	254	131	1354

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Hammer and means of operating same. Power-.....	H. B. Stocks.....	840,668	Jan. 8	1767	388-9	126	496
Hammer attachment.....	W. H. Smalley.....	855,140	May 28	5593	1163	128	1524
Hammer. Automatic magazine.....	J. E. Ridings.....	872,150	Nov. 26	4224	1008	131	1076
Hammer. Claw.....	O. E. Palmer.....	856,097	June 4	1231	259	128	2004
Hammer-controlling means.....	W. W. Word.....	840,033	Jan. 1	476	104	126	128
Hammer-drill.....	W. Prellwitz.....	840,803	Jan. 8	2031	440	126	561
Hammer-drill.....	A. E. Johnson.....	870,178	Nov. 5	467	123	131	154
Hammer. Drop.....	G. B. Lamb and D. C. Griggs.....	851,677	Apr. 30	5959	1245	127	3240
Hammer. Drop.....	C. Prött.....	855,976	June 4	1039	215	128	1956
Hammer. Drop.....	O. S. Beyer.....	860,784	July 23	3801	1042	129	1350
Hammer. Electric.....	W. A. Denny.....	847,741	Mar. 19	4069	889	127	1085
Hammer. Electrically-operated.....	R. P. Irving.....	841,975	Jan. 22	4373	943	126	1232
Hammer. Fluid-pressure power.....	C. R. Green.....	867,033	Sept. 24	3500	993	130	1191
Hammer for crushers and pulverizers.....	M. F. Williams.....	858,772	July 2	704	186	129	245
Hammer. Forged-steel.....	W. S. Ward.....	855,079	May 28	5483	1137	128	1499
Hammer-handle-sanding machine. Automatic.....	F. A. Phelps.....	867,408	Oct. 1	268	79	130	1396
Hammer. Machinist's wrench.....	O. P. Hughes.....	853,172	May 7	1595	332	128	403
Hammer. Magazine.....	D. T. Vanlaningham.....	845,148	Feb. 26	4824	1024	126	3107
Hammer. Magazine.....	J. Hamilton, Jr.....	864,733	Aug. 27	4125	1145	129	3460
Hammer. Magnetic tack.....	G. W. Fowler.....	840,441	Jan. 1	1322	292	126	346
Hammer nail-holding attachment.....	G. W. Fowler.....	869,835	Oct. 29	4135	1142	130	2676
Hammer or the like handle.....	L. F. Tarbell.....	851,707	Apr. 30	6032	1261	127	3256
Hammer. Pneumatic.....	J. F. Clement.....	842,626	Jan. 29	5783	1221	126	1623
Hammer. Pneumatic.....	M. Hardsoog.....	842,655	Jan. 29	5835	1233	126	1636
Hammer. Pneumatic.....	J. C. McCaveny.....	853,508	May 14	2298	476	128	624
Hammer. Pneumatic.....	J. C. McCaveny.....	858,200	June 25	5409	1152	128	3165
Hammer. Pneumatic.....	A. J. Doughty.....	866,573	Sept. 17	2780	778	130	931
Hammer. Pneumatic.....	M. Hardsoog.....	867,353	Oct. 1	192	55	130	1370
Hammer. Power.....	J. H. Conlen.....	873,938	Dec. 17	3321	708	131	1772
Hammer. Power.....	L. Wilson and F. I. Matthews.....	850,212	Apr. 16	3076	645	127	2443
Hammer. Power.....	O. B. Reynolds.....	855,151	May 28	5621	1169	128	1533
Hammer. Power.....	J. D. Kinson.....	855,730	June 4	552	114-15	128	1837
Hammer. Power.....	P. S. Macgowan.....	864,970	Sept. 3	333	89	130	106
Hammer-retracting device.....	H. W. Bull.....	865,787	Sept. 10	1603	453-4	130	520
Hammers. Nut and bolt turning attachment for pneumatic.....	C. Wilson.....	855,227	May 28	5757	1199	128	1567
Hammoock.....	E. F. Pillman.....	842,698	Jan. 29	5963	1257	126	1667
Hammoock.....	G. W. Barratt.....	866,322	Sept. 17	2433	679	130	822
Hammoock.....	W. Gray.....	871,692	Nov. 19	3214	796	131	893
Hammoock-support.....	W. H. Morehouse.....	857,819	June 25	4633	983	128	2969
Hams. Apparatus for preparing and storing boiled.....	C. H. Banks.....	873,652	Dec. 10	2738	580	131	1643
Hand. Apparatus for delineating character according to the character of the.....	L. Wirth.....	871,250	Nov. 19	2299	601	131	749
Hand. Artificial.....	H. N. Marvin and H. Casler.....	854,752	May 28	4781	992-4	128	1320
Hand-bag.....	J. Hinz, Jr.....	861,982	July 30	5678	1575	129	1977
Hand-brace.....	G. T. Willis.....	875,398	Dec. 31	6312	1315	131	2303
Hand-hole cover.....	O. Granum.....	863,384	Aug. 13	2047	554	129	2756
Hand-rest.....	K. Park.....	869,327	Oct. 29	3337	917	130	2435
Hand-shield.....	F. R. Harvey.....	848,991	Apr. 2	758	154	127	1781
Hand-strap for cars and other conveyances.....	L. B. Tebeau.....	843,045	Feb. 5	407	89	126	1895
Hand-wheel.....	E. E. Ries.....	866,812	Sept. 24	3167	890	130	1089
Handhold-forming machine.....	A. M. Gow.....	862,153	Aug. 6	50	14	129	2096
Handle.....	A. J. Colvin, C. G. Hockett, and J. W. Fitzpatrick.....	856,767	June 11	2605	535-6	128	2389
See Auger-handle. Implement-handle.							
Bag-handle. Knife-handle.							
Basket-handle. Operating-handle.							
Book-handle. Pen-handle.							
Box-handle. Plow-handle.							
Broom-handle. Razor-blade handle.							
Car-handle. Sad-iron handle.							
Casket-handle. Saw-handle.							
Cleaner-handle. Scoop-handle.							
Coffee or tea pot handle. Sheet-metal handle.							
Cooking-utensil handle. Shovel-handle.							
Crockery-handle. Stereoscope folding handle.							
D-handle. Suit-case handle.							
Dental-tool handle. Switch-handle.							
Detachable handle. Tool-handle.							
Drawing-knife handle. Tool-chest handle.							
Grip-handle. Umbrella-handle.							
Hammer or the like handle. Valve-handle.							
Hoe and rake handle. Vessel-handle.							
Handle.....	R. A. Watson.....	841,199	Jan. 15	2831	617	126	809
Handle.....	B. T. Landers.....	842,790	Jan. 29	6146	1297	126	1711
Handle.....	J. Ruckstuhl.....	845,666	Feb. 26	5852	1235	126	3360
Handle.....	E. R. Sargent.....	852,741	May 7	737	144	128	193
Handle.....	E. R. Sargent.....	852,742	May 7	738	145	128	193
Handle.....	E. R. Sargent.....	853,192	May 7	1637	340-1	128	414
Handle.....	W. Splittgerber.....	870,910	Nov. 12	1656	456	131	568
Handle attachment.....	L. Wojdow.....	844,073	Feb. 12	2407	516	126	2428
Handle-bar.....	C. Altenburger.....	864,056	Aug. 20	3040	840	129	3094
Handle-fastening means.....	W. D. Stancil and J. H. Nunnlee.....	843,970	Feb. 12	2222	475	126	2385
Handle-holder.....	R. E. Jack.....	867,199	Sept. 24	3770	1065	130	1276
Handle-making machine.....	M. O. Thompson.....	865,001	Sept. 3	374	100-2	130	117
Handle-support.....	I. J. Knapp.....	868,669	Oct. 22	2316	642	130	2094
Handles to sheet-metal vessels. Means for applying.....	G. W. Weber.....	846,435	Mar. 5	1445	321	127	364
Handling dirt and saving gold. Machine for.....	M. L. Proctor.....	854,702	May 21	4671	973-4	128	1261
Handling goods. Means for.....	A. E. Platt.....	860,149	July 16	2820	770	129	999
Handling material. Device for.....	T. B. Rice, Jr.....	857,673	June 25	4324	914	128	2891

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Hanger:							
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Boiler-hanger.	Hog and meat hanger.						
Brake-hanger.	Joist-hanger.						
Brake-shoe hanger.	Lamp-hanger.						
Broom-hanger.	Paper-bag-locking hanger.						
Broom and dust-pan hanger.	Picture-hanger.						
Cable-hanger.	Pipe-hanger.						
Car-door hanger.	Pipe and conduit hanger.						
Clothes-hanger.	Punching-bag hanger.						
Clothes-line hanger.	Safety-hanger.						
Coat-hanger.	Sash-hanger.						
Corn-hanger.	Screen-hanger.						
Crank-hanger.	Shade-hanger.						
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Display-hanger.	Shaft-hanger.						
Door-hanger.	Skirt-hanger.						
Draw-head hanger.	Skirt and suit hanger.						
Drying-hanger.	Skirt and trousers hanger.						
Eaves-trough hanger.	Soap-hanger.						
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Furnace arch-hanger.	Trolley-wire hanger.						
Garment-hanger.	Trousers-hanger.						
Gate-hanger.	Umbrella-hanger.						
Harness-hanger.	Wardrobe-hanger.						
Hat-hanger.							
Hat and coat hanger.							
Hanger.....	J. H. Herbener.....	839,843	Jan. 1	74	18	126	22
Hanger.....	R. W. Beaton.....	858,140	June 25	5311	1129	128	3140
Harmonic horn.....	R. J. Smith.....	857,765	June 25	4524	955	128	2942
Harmonica.....	M. J. Reidy.....	856,491	June 11	2078	427	128	2255
Harmonica.....	W. B. Yates.....	863,960	Aug. 20	2905	800	129	3053
Harmonica.....	M. J. Reidy.....	872,083	Nov. 26	4100	982	131	1055
Harmonica.....	F. Strauss.....	872,589	Dec. 3	575	120	131	1256
Harmonica support. Pipe.....	S. Keeler.....	860,484	July 16	3325	911	129	1164
Harness.....	D. A. Lee.....	845,558	Feb. 26	5635	1193	126	3308
Harness.....	W. J. Parvin.....	851,312	Apr. 23	5223	1095	127	3028
Harness.....	W. H. Sneed.....	858,114	June 25	5257	1116	128	3126
Harness.....	H. H. Crawford.....	859,802	July 9	2278	620	129	792
Harness.....	E. G. Burkhardt.....	871,106	Nov. 19	1983	542	131	701
Harness.....	E. Morrey.....	872,245	Nov. 26	4420	1050	131	1107
Harness.....	G. A. Anderson.....	874,557	Dec. 24	4622	972	131	2006
Harness.....	R. T. Cummings.....	875,061	Dec. 31	5632	1176	131	2193
Harness attachment.....	A. W. Burnett.....	846,822	Mar. 12	2223	486	127	595
Harness attachment.....	W. A. O'Bryan.....	852,576	May 7	413	75	128	110
Harness attachment.....	N. C. Sikes.....	856,495	June 11	2085	429	128	2256
Harness attachment.....	B. A. Adams.....	857,916	June 25	4824	1023	128	3015
Harness attachment. Draft.....	W. E. Perry.....	869,803	Oct. 29	4085	1128	130	2661
Harness back-band.....	B. W. Clendinen.....	854,628	May 21	4513	942	128	1222
Harness. Breast-chain spreader for.....	J. W. Wistar.....	855,270	May 28	5835	1216	128	1588
Harness for orchard and vineyard use.....	A. Lampson and G. F. Warren.....	863,288	Aug. 13	1907	516	129	2708
Harness for producing free action of the limbs of horses.....	T. A. Shaver.....	854,536	May 21	4343	898	128	1179
Harness-hanger.....	F. Hof.....	873,549	Dec. 10	2556	539	131	1609
Harness-hook.....	L. James.....	851,092	Apr. 23	4759	1001	127	2911
Harness-hook.....	C. A. Leonard.....	855,464	June 4	43	10	128	1705
Harness-hook.....	J. H. Hittle.....	857,241	June 18	3495	738	128	2651
Harness-loop.....	M. E. Zeller.....	862,782	Aug. 6	1115	302	129	2424
Harness-pad.....	C. H. Grings.....	858,510	July 2	258	63	129	92
Harness-pad.....	E. Lecuyer.....	863,542	Aug. 13	2269	615	129	2822
Harness-pads. Manufacture of.....	M. B. Lee and C. H. Grings.....	864,973	Sept. 3	336	89-90	130	107
Harness ring. Saddle.....	J. J. O'Kane.....	868,360	Oct. 15	1805	508	130	1905
Harness-strap keeper.....	J. C. Earnest.....	863,519	Aug. 13	2235	604	129	2811
Harness-trimmings. Means for attaching.....	G. Walker.....	853,568	May 14	2408	502	128	651
Harp-action.....	C. A. Lindeman.....	843,470	Feb. 5	1243	260	126	2104
Harrow.....	F. Adix.....	839,799	Jan. 1	1	1	126	3
Harrow.....	E. H. Peters.....	839,887	Jan. 1	169	38-9	126	48
Harrow.....	F. Gernon.....	840,839	Jan. 8	2095	464	126	576
Harrow.....	W. G. Beaty.....	841,922	Jan. 22	4283	923	126	1210
Harrow.....	J. L. Ware.....	844,764	Feb. 19	4089	871-2	126	2880
Harrow.....	J. F. Williams.....	847,036	Mar. 12	2642	582	127	700
Harrow.....	W. B. Fessick.....	847,051	Mar. 12	2680	589	127	709
Harrow.....	A. D. Harris.....	847,068	Mar. 12	2709	597	127	715
Harrow.....	H. V. and N. W. Abbott.....	848,525	Mar. 26	5616	1228	127	1501
Harrow.....	S. H. Garst.....	851,085	Apr. 23	4743	998	127	2908
Harrow.....	C. H. Forshey.....	851,126	Apr. 23	4810	1013	127	2924
Harrow.....	J. C. Ferguson.....	851,657	Apr. 30	5920	1237	127	3231
Harrow.....	W. C. Cook.....	850,296	Apr. 16	3224	672	127	2483
Harrow.....	S. B. Stark.....	853,523	May 14	2325	484	128	630
Harrow.....	J. E. Wheaton.....	856,009	June 4	1087	225-6	128	1969
Harrow.....	J. E. Arnold.....	857,711	June 25	4413	932	128	2914
Harrow.....	T. B. Doty.....	862,453	Aug. 6	584	155	129	2272
Harrow.....	F. Gletty.....	863,983	Aug. 20	2934	808	129	3062
Harrow.....	F. P. Bowman.....	864,288	Aug. 27	3400	945-6	129	3234
Harrow.....	E. L. Cudaback.....	865,873	Sept. 10	1753	489	130	580
Harrow.....	N. A. Seipel.....	866,819	Sept. 24	3177	892	130	1092
Harrow.....	J. H. Johnson.....	867,731	Oct. 8	763	214	130	1566
Harrow.....	H. U. Wakefield.....	868,510	Oct. 15	2027	569	130	1973
Harrow.....	E. Etheridge.....	870,351	Nov. 5	758	202	131	249
Harrow.....	D. P. Mohr and J. A. Duvanel.....	872,957	Dec. 3	1342	283	131	1377

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Harrow.....	J. W. Wandell.....	875,474	Dec. 31	6458	1349	131	2328
Harrow and corn-planter. Combined.....	T. H. Sparks.....	860,416	July 16	3225	882	129	1129
Harrow and cultivator.....	S. G. Calaway.....	856,028	June 4	1121	233	128	1978
Harrow attachment.....	K. Schaal.....	856,916	June 11	2874	601	128	2453
Harrow attachment.....	E. Schultz.....	869,660	Oct. 29	3872	1060	130	2599
Harrow attachment.....	J. Stickley.....	872,546	Dec. 3	490	102-3	131	1243
Harrow attachment.....	H. C. Green.....	874,185	Dec. 17	3864	814	131	1851
Harrow attachment. Disk.....	W. Fetzner.....	843,671	Feb. 12	1667	353	126	2245
Harrow-cart.....	J. Kirkpatrick.....	862,487	Aug. 6	652	175	129	2291
Harrow-cart. Detachable.....	J. W. Harmon.....	846,201	Mar. 5	975	208	127	248
Harrow. Chain.....	J. Datson.....	869,065	Oct. 22	2926	806-7	130	2282
Harrow-controlling means.....	E. A. Parrett.....	842,239	Jan. 29	4939	1053	126	1404
Harrow. Cutting.....	L. G. Meade.....	840,788	Jan. 8	2006	443	126	555
Harrow. Disk.....	W. C. King.....	842,671	Jan. 29	5889	1241	126	1651
Harrow. Disk.....	C. S. Sharp.....	845,902	Mar. 5	366	74-5	127	95
Harrow. Disk.....	C. N. Cass.....	853,160	May 7	1575	327-8	128	389
Harrow-disk.....	J. R. Grigg.....	849,386	Apr. 9	1538	311	127	2017
Harrow-disk.....	L. E. Waterman.....	874,268	Dec. 17	4039	853	131	1879
Harrow. Folding.....	F. Adix.....	839,800	Jan. 1	3	1	126	3
Harrow, planter, and cultivator.....	J. T. Olive.....	859,243	July 9	1438	383	129	518
Harrow, pulverizer, and drag. Combination.....	A. D. Ulery.....	869,756	Oct. 29	4020	1110	130	2642
Harrow. Reversible.....	L. B. Metcalf.....	842,223	Jan. 29	4903	1046	126	1396
Harrow. Revolving.....	J. T. Hibler.....	872,562	Dec. 3	524	109	131	1248
Harrow. Riding.....	G. W. Dement.....	861,441	July 30	4871	1335	129	1730
Harrow rider attachment.....	F. Adix.....	839,801	Jan. 1	5	2	126	3
Harrow riding attachment.....	G. Huisman.....	852,118	Apr. 30	6888	1439	127	3477
Harrow riding attachment.....	C. S. Sharp.....	856,305	June 11	1686	349-50	128	2155
Harrow riding attachment.....	L. E. Roby and C. A. Pattison.....	864,337	Aug. 27	3467	965	129	3254
Harrow riding attachment.....	S. B. Hazard. (Reissue).....	12,690	Sept. 3	911	261	130	275
Harrow riding attachment.....	L. A. Brenizer.....	870,081	Nov. 5	322	91	131	108
Harrow riding attachment.....	J. Mangan.....	870,570	Nov. 12	1095	300	131	387
Harrow riding attachment.....	D. K. Wilson.....	871,846	Nov. 26	3549	868	131	975
Harrow. Rotary.....	F. Hanson.....	842,653	Jan. 29	5833	1232	126	1635
Harrow scraper. Disk.....	A. C. Gaylor.....	849,993	Apr. 9	2653	555-6	127	2298
Harrow scraper. Disk.....	A. L. Moen.....	861,236	July 23	4498	1233	129	1578
Harrow-sulky.....	N. Kiner.....	848,997	Apr. 2	769	157	127	1783
Harrow sulky attachment.....	C. S. Sharp.....	861,196	July 23	4438	1217	129	1558
Harrow-teeth to their supporting-bars. Adjustable fastener for securing.....	G. W. Willis.....	851,580	Apr. 23	5751	1201	127	3161
Harrow-tooth.....	D. M. Smith.....	849,928	Apr. 9	2555	529	127	2274
Harrow-tooth.....	L. W. Fair.....	869,299	Oct. 29	3286	905	130	2421
Harrow-tooth and weeder. Combined.....	F. S. Gunning.....	841,512	Jan. 15	3458	744	126	971
Harrow-tooth attachment.....	W. B. St. John.....	872,386	Dec. 3	141	27	131	1190
Harrow-tooth fastener.....	C. E. Freeman.....	841,082	Jan. 8	2593	568	126	704
Harrow-transporter.....	I. A. Weaver.....	874,141	Dec. 17	3776	796	131	1837
Harrow with tongue-truck. Disk.....	W. Fetzner.....	843,672	Feb. 12	1669	353-4	126	2245
Harrows. Adjusting-lever and ratchet connection for.....	G. E. Blaine.....	842,996	Feb. 5	311	67	126	1868
Harrows and the like. Seat for.....	M. Buzard.....	858,438	July 2	116	32	129	39
Harvester.....	G. A. Kahl.....	841,785	Jan. 22	4004	865	126	1142
Harvester.....	T. M. E. Seierup.....	844,476	Feb. 19	3244	700	126	2676
Harvester.....	E. A. Johnston.....	845,873	Mar. 5	288	58-9	127	74
Harvester.....	A. M. Anderson and C. Quesnell.....	858,697	July 2	581	151	129	201
Harvester.....	G. P. Wack.....	871,835	Nov. 26	3529	863-4	131	971
Harvester and binder shoker attachment. Grain.....	J. Ostrum.....	848,199	Mar. 26	4975	1088	127	1343
Harvester and husker. Corn.....	E. M. Harris and C. J. Le Valley.....	864,301	Aug. 27	5416	950	129	3238
Harvester and shoker. Combined corn.....	G. T. Fatten.....	865,655	Sept. 10	1399	396-7	130	456
Harvester and shoker. Corn.....	F. M. Wideman.....	868,049	Oct. 15	1320	368-70	130	1760
Harvester attachment.....	H. E. Johnson.....	840,338	Jan. 1	1101	239	126	294
Harvester attachment.....	L. Franzmeier.....	846,918	Mar. 12	2420	531	127	644
Harvester attachment.....	A. G. Bestgen.....	852,053	Apr. 30	6767	1408	127	3449
Harvester attachment. Bean.....	G. E. Lewis.....	875,275	Dec. 31	6063	1265	131	2265
Harvester. Beet.....	J. H. McIntire.....	854,591	May 21	4449	925	128	1205
Harvester. Beet.....	W. E. Sleight.....	840,166	Jan. 1	762	166-7	126	206
Harvester. Beet.....	C. Dusseau.....	840,482	Jan. 8	1412	311	126	407
Harvester. Beet.....	J. F. Sandberg.....	842,021	Jan. 22	4471	961-2	126	1256
Harvester. Beet.....	W. H. McCall.....	843,412	Feb. 5	1134	236-7	126	2076
Harvester. Beet.....	W. Kite.....	845,098	Feb. 26	4740	1005	126	3084
Harvester. Beet.....	M. Goodfellow.....	860,655	July 23	3611	989	129	1291
Harvester. Beet.....	H. M. Heilig and M. H. Reed. (Re-issue.).....	12,708	Oct. 29	4188	1156	130	2693
Harvester. Beet.....	M. Goodfellow.....	873,040	Dec. 10	1547	324-5	131	1441
Harvester. Beet.....	E. E. Shaw.....	874,800	Dec. 24	5092	1072	131	2086
Harvester binding mechanism. Corn.....	W. H. Tilson.....	854,917	May 28	5131	1068	128	1410
Harvester buncher. Pea.....	D. Tolton and G. F. Conner.....	848,071	Mar. 26	4769	1040	127	1291
Harvester. Cabbage.....	G. H. Robbins.....	845,195	Feb. 26	4924	1044	126	3132
Harvester. Cane.....	J. A. Melancon and W. C. Mavor.....	839,945	Jan. 1	294	64-5	126	81
Harvester cleaning attachment.....	C. Amundson.....	870,534	Nov. 12	1041	284	131	367
Harvester. Corn.....	J. Hettrich.....	846,204	Mar. 5	979	208-10	127	248
Harvester. Corn.....	J. J. Wagener.....	848,609	Mar. 26	5790	1263	127	1545
Harvester. Corn.....	H. Broome.....	851,059	Apr. 23	4696	988	127	2897
Harvester. Corn.....	H. Broome.....	851,060	Apr. 23	4698	988	127	2898
Harvester. Corn.....	H. Broome.....	851,061	Apr. 23	4699	989	127	2898
Harvester. Corn.....	M. Cook.....	854,629	May 21	4514	942	128	1222
Harvester. Corn.....	F. D. and A. D. Wilson.....	856,828	June 11	2710	560-1	128	2415
Harvester. Corn.....	S. C. Anderson.....	864,592	Aug. 27	3901	1083-4	129	3392
Harvester. Corn.....	C. S. Sharp.....	867,215	Sept. 24	3792	1070-1	130	1285
Harvester. Corn.....	J. Nixon.....	870,247	Nov. 5	585	157-8	131	191
Harvester. Cotton.....	D. Murphy.....	843,546	Feb. 5	1428	301	126	2149
Harvester. Cotton.....	J. O. Dickinson.....	844,502	Feb. 19	3297	711	126	2690
Harvester. Cotton.....	A. Campbell.....	853,916	May 14	3143	643-4	128	836
Harvester. Cotton.....	C. Corley.....	859,371	July 2	15	6	129	7
Harvester. Cotton.....	E. M. Williams.....	869,951	Nov. 5	109	30	131	37
Harvester-cutter.....	W. D. Wheat.....	872,980	Dec. 3	1381	290	131	1385
Harvester cutting apparatus.....	C. L. Hummel.....	839,850	Jan. 1	88	21	126	26
Harvester cutting apparatus.....	J. A. Rodman.....	840,518	Jan. 8	1476	326	126	423

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Harvester cutting apparatus. Corn.	W. H. Tilson.	851,785	Apr. 30	6174	1288	127	3297
Harvester cutting mechanism. Corn.	F. M. Widerman.	868,050	Oct. 15	1325	370	130	1761
Harvester-fender.	M. P. Gerbing.	847,568	Mar. 19	3694	814-15	127	993
Harvester. Grain.	H. J. Case.	861,087	July 23	4277	1173-4	129	1504
Harvester grain-lifting attachment.	A. H. McCutchan.	843,164	Feb. 5	660	139	126	1961
Harvester grain-shocker.	H. H. Watt.	866,101	Sept. 17	2116	589	130	722
Harvester-guard.	J. W. Pridmore.	843,629	Feb. 12	1598	338	126	2227
Harvester-knotter.	R. H. Moore.	873,158	Dec. 10	1774	373	131	1479
Harvester-needle.	S. Smith.	855,539	June 4	178	37	128	1739
Harvester. Pea.	J. F. Wheeler.	875,024	Dec. 31	5581	1165-6	131	2185
Harvester picker-stem. Cotton.	G. Lispenard.	860,142	July 16	2811	767	129	995
Harvester platform-leveling device.	E. R. Gordon and D. R. Throop.	842,648	Jan. 29	5825	1230	126	1633
Harvester. Pneumatic cotton.	J. E. Worswick.	850,700	Apr. 16	4025	841-2	127	2688
Harvester. Potato.	P. Plate.	869,103	Oct. 22	2975	822	130	2296
Harvester. Potato.	P. Plate.	869,104	Oct. 22	2976	822	130	2297
Harvester-reel.	T. J. Myers.	842,328	Jan. 29	5129	1090	126	1454
Harvester-reels. Cam for.	J. T. Brett.	841,110	Jan. 15	2680	585	126	770
Harvester. Stripper.	J. J. Charley.	844,000	Feb. 12	2275	486	126	2396
Harvester. Sugar-cane.	J. D. Ehrlich and F. F. Escoffier.	857,451	June 18	3886	826-8	128	2747
Harvester. Sugar-cane and corn.	E. B. Stafford.	860,499	July 16	3343	916-17	129	1170
Harvester, (trimmer.) Cane.	J. D. Cooper.	858,061	June 25	5153	1091	128	3100
Harvester-wheels. Mud knife and shield for.	W. D. Taylor.	849,285	Apr. 2	1334	270	127	1929
Harvesters and similar machines. Cutting mechanism for.	H. H. Kryger.	855,645	June 4	383	80	128	1792
Harvesters. Carriage for.	W. Bonus.	853,674	May 14	2624	545	128	707
Harvesters. Counting mechanism for grain.	W. H. Crane.	869,424	Oct. 29	3488	957-8	130	2482
Harvesters. Grain-lifting device for.	W. Webber.	868,739	Oct. 22	2430	672	130	2127
Harvesters. Platform-flag for.	W. Webber.	849,442	Aug. 9	1626	330	127	2040
Harvesters. Snapping-rollers for corn.	J. A. Stone.	863,812	Apr. 20	2683	740	129	2985
Harvesting and cultivating machines. Guide for root.	G. F. Conner.	839,918	Jan. 1	237	51	126	65
Harvesting and husking machine. Corn.	W. B. Metcalf.	867,893	Oct. 8	1025	292	130	1645
Harvesting and husking machine. Corn.	E. A. Hottenbeck.	872,285	Nov. 26	4492	1066-7	131	1119
Harvesting and husking machine. Corn.	J. Ross.	874,247	Dec. 17	3993	842-3	131	1873
Harvesting and husking mechanism. Corn.	H. Steiner.	841,822	Jan. 22	4089	879-80	126	1166
Harvesting and threshing machine. Pea and bean.	E. and B. Tharp, Jr.	856,929	June 11	2891	605-6	128	2457
Harvesting apparatus.	G. D. Russell and P. H. Armistead.	845,581	Feb. 26	5669	1202	126	3316
Harvesting apparatus. Cotton.	S. A. Ellis.	869,888	Nov. 5	23	7	131	10
Harvesting cotton. Means for.	G. F. Greene.	872,341	Dec. 3	45	9-10	131	1176
Harvesting device. Beet.	G. R. Dotson.	848,089	Mar. 26	4796	1046	127	1298
Harvesting-machine.	E. Carey.	852,496	May 7	232	41	128	66
Harvesting-machine.	L. Christ and A. Megner.	853,343	May 14	1985	410	128	543
Harvesting-machine attachment.	O. L. Kleven.	849,689	Apr. 9	2109	434	127	2159
Harvesting-machine. Beet.	J. L. and M. H. Webb.	848,217	Mar. 26	5004	1093-5	127	1351
Harvesting-machine. Beet.	G. F. Conner.	856,394	June 11	1899	391-2	128	2211
Harvesting-machine. Broom-corn.	B. Curl and H. J. Huddleston.	869,064	Oct. 22	2923	805-6	130	2280
Harvesting-machine. Corn.	R. C. E. Moore.	841,704	Jan. 22	3834	833-4	126	1099
Harvesting-machine. Corn.	G. S. Coffman.	865,360	Sept. 10	935	268	130	312
Harvesting-machine. Corn.	N. and J. L. Brown.	865,861	Sept. 10	1737	484	130	575
Harvesting-machine. Corn.	J. H. Johnson.	872,821	Dec. 3	1046	219-21	131	1333
Harvesting-machine. Cotton.	J. F. Apleby.	842,162	Jan. 29	4778	1020	126	1365
Harvesting-machine. Cotton.	G. H. Zempter.	868,061	Oct. 15	1341	375	130	1766
Harvesting-machine. Hay.	B. Smith.	849,580	Apr. 9	1921	394	127	2113
Harvesting-machine. Pea.	L. B. Baxter.	872,887	Dec. 3	1199	254-5	131	1355
Harvesting-machine. Potato.	R. S. Baxter.	872,166	Nov. 26	4254	1015	131	1081
Harvesting machines. Cleaning-wheel for root.	G. F. Conner.	845,218	Feb. 26	4966	1056-7	126	3142
Harvesting machinery of the combined reaping and threshing type.	A. M. Anderson and C. Quesnell.	858,696	July 2	579	150-1	129	200
Harvesting-threshers. Combined cutting-knife and distributor for.	W. Maloney.	855,519	June 4	147	29	128	1731
Hasp.	J. C. Morgan.	842,104	Jan. 22	4626	992	126	1292
Hasp.	J. C. Griffin.	855,566	June 4	231	45	128	1755
Hasp.	S. B. Phelps.	860,411	July 16	3220	881	129	1128
Hasp.	J. P. Reilly.	863,645	Aug. 20	2436	669	129	2906
Hasp.	J. C. Morgan.	871,725	Nov. 19	3265	808	131	904
Hasp and handle.	W. D. Ferris.	868,540	Oct. 15	2084	583	130	1992
Hasp-fastener.	C. S. Morse.	843,350	Feb. 5	1041	214	126	2052
Hasp-fastener.	C. L. Bailey.	848,527	Mar. 26	5619	1230	127	1502
Hasp-lock.	J. J. Tatum.	858,679	July 2	553	143	129	192
Hasp-lock.	P. Grabler.	843,564	Feb. 5	1469	310	126	2158
Hasp-lock.	W. K. Blodgett.	855,087	May 28	5494	1139-40	128	1502
Hasp-lock.	E. E. Stacy.	866,694	Sept. 24	2975	844	130	1020
Hat.	E. D. Soule.	848,699	Apr. 2	159	33-4	127	1627
Hat.	M. Mayer.	849,151	Apr. 2	1096	220	127	1869
Hat.	A. Mayer.	857,644	June 25	4281	904	128	2880
Hat.	J. W. Sutton.	864,040	Aug. 20	3015	833	129	3087
Hat and book holder. Combined.	J. M. King and E. C. Russell.	861,660	July 30	5185	1423	129	1829
Hat and coat hanger.	R. F. and L. F. Elliott.	861,820	July 30	5443	1499	129	1905
Hat and coat hanger.	A. A. Lott and R. C. Stein.	871,713	Nov. 19	3246	804	131	900
Hat and coat rack.	R. Rose and P. Brady.	855,732	June 4	568	117	128	1842
Hat and coat rack.	A. Kostolnik.	858,993	July 2	1069	281	129	365
Hat and coat rack. Locking.	J. E. Dundore.	846,460	Mar. 12	1497	332	127	409
Hat and coat rack. Locking.	H. Viel.	868,041	Oct. 15	1309	364	130	1757
Hat and coat rest.	H. J. Le Messurier.	875,537	Dec. 31	6577	1373	131	2348
Hat and garment hook. Combination.	H. B. Wade.	859,790	July 9	2264	616	129	787
Hat attachment.	H. D. Ollard.	847,809	Mar. 19	4234	926	127	1122
Hat attachment.	W. L. Maynard.	848,838	Apr. 2	483	94	127	1709
Hat-blocking apparatus.	E. Garner.	863,375	Aug. 13	2037	550	129	2753
Hat, bonnet, &c., fastener.	J. Fenton.	869,891	Nov. 5	29	8	131	11
Hat-box.	W. Dod.	870,550	Nov. 12	1062	290	131	373
Hat-brim-curling machine.	D. Clerico.	844,098	Feb. 12	2452	524-6	126	2438
Hat-brim sizing and paring device.	H. Herstein.	847,409	Mar. 19	3383	741	127	912
Hat-brim-stretching machine.	W. M. Morlock.	863,932	Aug. 20	2860	787	129	3040
Hat cleaning and polishing apparatus.	P. Bosso.	868,323	Oct. 15	1744	492	130	1887
Hat-cleaning machine.	C. M. Snell.	861,546	July 30	5016	1378	129	1778

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Hat, coat, and umbrella rack.....	G. W. Hartman.....	869,779	Oct. 29	4050	1118	130	2652
Hat, coat, and umbrella rack.....	E. Boynton.....	872,107	Nov. 26	4143	991	131	1062
Hat, coat, &c., rack.....	S. E. Shaw.....	862,112	July 30	5891	1632-3	129	2043
Hat. Collapsible.....	E. Behringer.....	857,434	June 18	3861	820	128	2741
Hat-cover.....	C. F. Brown.....	859,736	July 9	2184	591	129	759
Hat-crown-shaping apparatus.....	C. W. Stevens.....	843,640	Feb. 12	1621	343	126	2234
Hat-curling iron. Electric.....	J. L. O'Brien.....	874,029	D. c. 17	3496	744	131	1800
Hat-dipping apparatus.....	A. W. Hilsinger.....	851,809	Apr. 30	6227	1298-9	127	3312
Hat-fastener.....	H. V. Levison.....	852,125	Apr. 30	6909	1443	127	3484
Hat-fastener.....	J. C. Morrison.....	855,013	May 28	5320	1105	128	1458
Hat-fastener.....	B. Mulcahy.....	855,722	June 4	531	112	128	1830
Hat-fastener.....	F. C. Kavanagh.....	856,705	June 11	2491	512	128	2358
Hat-fastener.....	E. Habbema-Horak.....	857,392	June 18	3784	802	128	2724
Hat-fastener.....	H. H. Mintzer.....	859,098	July 2	1208	325	129	408
Hat-fastener.....	M. E. Jennings and A. J. Wine-brake.....	866,656	Sept. 24	2922	825	130	1005
Hat-fastener.....	M. F. Laubach.....	873,057	Dec. 10	1588	332	131	1447
Hat-fastener. Automatic.....	M. W. Robertshaw.....	842,337	Jan. 29	5140	1093	126	1457
Hat-fastener. Lady's.....	J. B. Marshall.....	854,368	May 21	4029	833	128	1103
Hat-fastening device.....	J. T. Slingerland.....	858,916	July 2	946	246	129	325
Hat-forming machine.....	C. W. Stevens.....	843,638	Feb. 12	1613	342	126	2231
Hat-forming machine.....	C. W. Stevens.....	843,639	Feb. 12	1616	342-3	126	2232
Hat-frame.....	M. W. Eiser.....	844,268	Feb. 12	2815	600	126	2531
Hat-frame former.....	E. A. Howe.....	854,216	May 21	3761	778	128	1032
Hat-frame-forming device. Wire.....	D. M. Stanley.....	868,367	Oct. 15	1813	510	130	1908
Hat-frame machine.....	A. Kindermann.....	848,467	Mar. 26	5511	1201	127	1477
Hat-frame machine.....	W. B. Foster.....	858,168	June 25	5358	1139	128	3152
Hat-frame machine. Wire.....	C. W. Stevens.....	861,326	July 30	4662	1274	129	1666
Hat-frame machines. Adjusting device for.....	J. F. Brown.....	861,256	July 30	4541	1242	129	1623
Hat-guard.....	H. Saundry.....	853,121	May 7	1506	314	128	380
Hat-guard.....	L. Weaver, Jr.....	857,776	June 25	4544	959	128	2947
Hat-guard.....	A. Farnander.....	867,814	Oct. 8	903	256	130	1609
Hat-holder.....	R. W. Bock.....	873,490	Dec. 10	2424	509-10	131	1589
Hat holder and band.....	W. A. Pierce.....	854,906	May 28	5116	1064	128	1407
Hat-holding device.....	W. H. Burden.....	855,279	May 28	5853	1220	128	1593
Hat-lure.....	S. L. Taylor.....	842,267	Jan. 29	4993	1066	126	1418
Hat-marker.....	G. L. R. Miller.....	847,799	Mar. 19	4186	916	127	1112
Hat or cap.....	L. Rosenbaum.....	857,258	June 18	3524	745	128	2658
Hat-pin.....	G. N. Steere.....	846,518	Mar. 12	1618	359	127	440
Hat-pin.....	M. Lowy.....	852,128	Apr. 30	6914	1444	127	3485
Hat-pin.....	W. Gaskell and T. Vale.....	857,614	June 25	4226	893	128	2865
Hat-pin.....	J. Thomas.....	858,118	June 25	5265	1118	128	3129
Hat-pin.....	E. M. Bloch.....	866,425	Sept. 17	2578	720	130	869
Hat-pin fastener.....	J. W. Cunningham.....	854,718	May 28	4718	981	128	1302
Hat-pinguard.....	A. Carlyle.....	864,610	Aug. 27	3937	1091	129	3402
Hat-pins and the like. Head for.....	W. J. Kittel.....	857,406	June 18	3807	807	128	2729
Hat-protector.....	J. S. Mills.....	865,926	Sept. 10	1831	512	130	602
Hat-retaining device.....	S. Rosenthal.....	846,953	Mar. 12	2489	549	127	663
Hat. Separable.....	R. F. Bartel.....	849,591	Apr. 9	1942	397	127	2118
Hat setting, shaping, and renovating device.....	L. Flicker.....	856,458	June 11	2019	416	128	2240
Hat-stand. Folding.....	F. Goerlinger.....	872,929	Dec. 3	1272	271	131	1367
Hat-stud.....	H. W. Speight.....	860,417	July 16	3228	883	129	1130
Hat-sweat-bands. Means for automatically severing.....	F. W. Cooper.....	861,267	July 30	4572	1248	129	1639
Hat-ventilator.....	W. E. Miller.....	849,007	Apr. 2	784	160	127	1787
Hat-ventilator.....	A. L. Eliel.....	870,350	Nov. 5	758	202	131	249
Hats. Guide for placing eyelets in.....	R. W. Fadden.....	854,637	May 21	4524	945	128	1224
Hatch-fastener.....	E. H. Frey.....	843,804	Feb. 12	1904	408	126	2305
Hatcher.....	P. J. Sprague.....	849,433	Apr. 9	1615	327	127	2037
Hatchets. Shingling-gage attachment for.....	F. A. Bogart.....	853,198	May 7	1647	343	128	416
Haulage system. Electric.....	N. D. Levin.....	862,080	July 30	5833	1618	129	2027
Hawse-pipe.....	C. Petrie.....	846,244	Mar. 5	1050	225	127	267
Hay and grain loader.....	A. S. Johnston.....	853,797	May 14	2876	591	128	772
Hay and grain loader, unloader, and stacker.....	A. Lage.....	843,539	Feb. 5	1410	296	126	2145
Hay and grain rack.....	A. Weaver.....	845,832	Mar. 5	191	37	127	50
Hay and grain rake, loader, and stacker.....	W. Kouns.....	864,472	Aug. 27	3676	1022-3	129	3324
Hay and manure gatherer and loader.....	J. Peterson.....	858,533	July 2	287	71-2	129	102
Hay and stock rack.....	D. L. Ryder.....	851,777	Apr. 30	6154	1285	127	3291
Hay and stock rack. Combined.....	R. B. Cheltz.....	852,870	May 7	1029	213	128	262
Hay-blower.....	A. Halvorson.....	870,822	Nov. 12	1522	415	131	527
Hay buck and stacker. Combined.....	J. E. Liebhart.....	853,557	May 14	2388	497	129	645
Hay-cap.....	F. M. Hitch.....	852,606	May 7	467	86	128	124
Hay-carrier.....	J. R. Combs.....	843,328	Feb. 5	1005	206	126	2043
Hay-carrier.....	C. D. Barker.....	843,580	Feb. 12	1501	318	126	2201
Hay-carrier.....	H. L. Ferris.....	844,719	Feb. 19	3993	849-50	126	2853
Hay-carrier.....	M. Thurston.....	847,847	Mar. 19	4296	942	127	1139
Hay-carrier.....	H. L. Ferris.....	865,689	Sept. 10	1456	411	130	474
Hay-carrier.....	W. Hoppe.....	867,135	Sept. 24	3649	1037	130	1235
Hay-carrier tracks. Hinged extension for.....	D. M. Motherwell.....	867,589	Oct. 8	560	158-9	130	1505
Hay-curing rack.....	J. A. Cross.....	851,869	Apr. 30	6357	1326	127	3345
Hay-dropper.....	H. E. Bell.....	849,962	Apr. 9	2608	543	127	2287
Hay-fork.....	W. A. Cook.....	854,929	May 28	5154	1073-4	128	1416
Hay-fork. Buck-rake.....	E. H. Alvord.....	845,445	Feb. 26	5412	1149	126	3251
Hay-fork. Horse.....	G. R. Boulding.....	871,055	Nov. 12	1884	516	131	639
Hay gatherer and dropper.....	J. M. Boyd.....	857,379	June 18	3759	796	128	2719
Hay gatherer and press. Combined.....	C. S. Johnston.....	862,335	Aug. 6	372	102-3	129	2200
Hay, grain, &c. Covering for.....	D. Nofzinger.....	862,504	Aug. 6	676	183	129	2297
Hay-handling mechanism.....	P. Schoenle.....	846,627	Mar. 12	1852	407	127	502
Hay-leveling device.....	M. H. Madsen.....	852,733	May 7	720	140	128	189
Hay-loader.....	C. Schutt.....	854,608	May 21	4479	934	128	1213
Hay-loader.....	H. J. Lormis.....	840,351	Jan. 1	1150	249	126	304
Hay-loader.....	E. A. Johnston.....	843,610	Feb. 12	1549	328	126	2212
Hay-loader.....	E. A. Johnston.....	843,824	Feb. 12	1932	414	126	2312
Hay-loader.....	C. J. Shaw.....	844,196	Feb. 12	2645	567	126	2487
Hay-loader.....	C. H. Pelton.....	845,193	Feb. 26	4917	1042-3	126	3131
Hay-loader.....	J. E. Norris.....	850,042	Apr. 9	2729	573	127	2315
Hay-loader.....	W. H. Bartlett.....	848,621	Apr. 2	5	2	127	1586

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Hay-loader.....	E. A. Johnston.....	851,670	Apr. 30	5945	1242-3	127	3237
Hay-loader.....	H. V. Congrove.....	850,138	Apr. 16	2935	613-14	127	2406
Hay-loader.....	M. Hardman.....	852,605	May 7	466	86	128	123
Hay-loader.....	A. J. Hansen.....	854,090	May 21	3514	725	128	968
Hay-loader.....	J. N. Jeppesen and N. Michelsen.	855,317	May 28	5915	1234	128	1608
Hay-loader.....	A. Arter.....	856,833	June 11	2719	563	128	2417
Hay-loader.....	G. W. Jones.....	859,386	July 9	1670	444-5	129	593
Hay-loader.....	A. J. Plumer and W. S. Dorsey.	868,003	Oct. 15	1249	346	130	1738
Hay-loading apparatus.....	R. W. Weller.....	849,033	Apr. 2	832	171	127	1800
Hay-loading apparatus.....	R. W. Weller.....	849,033	Apr. 2	832	171	127	1800
Hay-loading machine.....	F. E. Fox.....	852,322	Apr. 30	7246	1521-3	127	3567
Hay-press.....	A. E. Müller.....	841,882	Jan. 22	4206	907-8	126	1193
Hay-press.....	J. W. Carter.....	849,528	Apr. 9	1826	370	127	2090
Hay-press.....	T. E. and S. R. Sikes.....	851,322	Apr. 23	5241	1098	127	3033
Hay-press.....	J. Christensen.....	854,465	May 21	4217	872-3	128	1149
Hay-press.....	J. W. Hamilton.....	854,736	May 28	4747	987	128	1310
Hay-press.....	J. Dain.....	857,604	June 25	4206	889	128	2857
Hay-press.....	C. N. Arnold.....	858,849	July 2	855	222-3	129	295
Hay-press.....	C. W. Deaton.....	860,284	July 16	3017	826	129	1062
Hay-press.....	W. P. Moore.....	860,557	July 16	3425	941	129	1196
Hay-press.....	T. C. Smith.....	861,483	July 30	4920	1351	129	1745
Hay-press.....	P. F. Warren.....	862,036	July 30	5741	1595	129	1996
Hay-press.....	P. W. Moore.....	863,302	Aug. 13	1927	520	129	2715
Hay-press.....	J. C. Gamel, G. L. Willis, and H. E. Bonner.	863,374	Aug. 13	2035	549-50	129	2752
Hay-press.....	J. W. Wirtz and E. J. Hernlen.	870,005	Nov. 5	211	56	131	76
Hay-press.....	R. W. Easterling.....	870,023	Nov. 5	237	63	131	82
Hay-press. Self-feeding.....	G. Schubert.....	866,228	Sept. 17	2283	638	130	775
Hay-press. Self-feeding and power pull-back.	G. Schubert.....	866,229	Sept. 17	2286	639	130	776
Hay-rack.....	J. H. Schuneman.....	840,663	Jan. 8	1758	387	126	494
Hay-rack.....	C. W. Baird.....	850,285	Apr. 16	3201	667	127	2477
Hay-rack.....	J. N. Edgar.....	858,798	July 2	764	199	129	268
Hay-rack.....	J. B. Heber.....	861,838	July 30	5469	1508	129	1914
Hay-rack.....	W. T. Elliff.....	866,445	Sept. 17	2606	727-8	130	880
Hay-rack and wagon-body. Combination.	J. T. Warwick.....	841,745	Jan. 22	3908	848	126	1117
Hay-rake.....	D. Plattner.....	841,892	Jan. 22	4233	911	126	1199
Hay-rake.....	J. H. Neeb.....	842,234	Jan. 29	4929	1051	126	1402
Hay-rake.....	J. Dain.....	846,456	Mar. 12	1490	330-1	127	406
Hay-rake.....	J. W. Hurd.....	847,074	Mar. 12	2720	600	127	718
Hay-rake.....	J. C. Hanka.....	852,433	May 7	46	10	128	15
Hay-rake.....	M. R. Jenkins.....	855,006	May 28	5305	1102-3	128	1453
Hay-rake.....	D. F. Anderson.....	857,374	June 18	3751	794	128	2716
Hay-rake.....	L. J. Lindsay.....	863,192	Aug. 13	1763	473-4	129	2666
Hay-rake.....	C. Pearson.....	872,009	Nov. 26	3939	949	131	1030
Hay rake and cocker.....	W. C. Trussell.....	845,018	Feb. 19	4562	971-2	126	2997
Hay rake and loader.....	G. A. Culver.....	851,499	Apr. 23	5577	1169	127	3114
Hay rake and tedder.....	W. B. Ellis.....	867,025	Sept. 24	3486	987-8	130	1188
Hay rake and tedder. Combined side-delivery.	H. B. Sperry.....	845,204	Feb. 26	4941	1048	126	3136
Hay-rake attachment.....	E. T. Elliott and A. H. Leonard.	840,612	Jan. 8	1674	367	126	473
Hay-rake. Horse.....	A. F. Kearns.....	843,150	Feb. 5	632	133-4	126	1955
Hay-rake. Horse.....	E. D. Bond.....	848,532	Mar. 26	5624	1231	127	1504
Hay-rake. Horse.....	G. W. Bacon.....	855,686	June 4	465	98	128	1814
Hay-rake. Self-dumping.....	A. H. Hogen.....	860,380	July 16	3171	867	129	1112
Hay-rake. Side-delivery.....	F. L. Kirkman.....	842,208	Jan. 29	4872	1039-40	126	1388
Hay raking and cocking machine.	H. A. Grant.....	852,269	Apr. 30	7155	1499-1500	127	3546
Hay-sling lock.....	G. Matson.....	842,482	Jan. 29	5484	1161	126	1552
Hay, wood, and stock rack.	F. Goodsell.....	851,087	Apr. 23	4746	999	127	2908
Haystack-cover.....	F. Tilton.....	847,848	Mar. 19	4299	942	127	1139
Head-block.....	A. Burns.....	840,906	Jan. 8	2237	492	126	612
Head-covering ventilator.....	H. C. Schlee and M. Jacobs.....	847,831	Mar. 19	4261	933	127	1129
Head-gate.....	W. F. Garbe.....	853,168	May 7	1588	330	128	401
Head-gate. Irrigation.....	J. M. Taylor.....	863,764	Aug. 20	2600	719	129	2958
Head-harness. Athletic.....	G. L. Pierce.....	863,315	Aug. 13	1944	525	129	2720
Head-rest.....	A. D. Kandle.....	849,135	Apr. 2	1069	214	127	1862
Head-rest.....	B. K. Ackley.....	851,851	Apr. 30	6324	1319	127	3338
Head-rest.....	A. H. Brown.....	856,025	June 4	1116	232	128	1977
Head-rest.....	H. S. Holm.....	858,600	July 2	418	108	129	149
Head-rest.....	H. H. Raymond.....	864,335	Aug. 27	3465	965	129	3253
Head-rest.....	H. E. Weber.....	866,753	Sept. 24	3073	867	130	1059
Head-rest.....	N. J. Johnson.....	870,179	Nov. 5	470	129	131	154
Head-rest for use in shampooing.	R. C. Nourse.....	853,592	May 14	2457	512	128	664
Head-rest. Sanitary.....	N. Breakenridge.....	857,323	June 18	3649	773	128	2690
Header.....	W. Jacobs.....	843,279	Feb. 5	913	186	126	2023
Header and cutter. Corn and maize.	A. F. Hendricks.....	862,734	Aug. 6	1054	285	129	2407
Header and thresher.....	R. Sikora.....	872,465	Dec. 3	321	65	131	1217
Header-reel. Adjustable.....	R. H. Ackerman.....	840,411	Jan. 1	1261	276	126	331
Heading-machine.....	E. C. Meyer.....	845,806	Mar. 5	142	26-7	127	39
Heading-machine.....	F. Wackermann.....	859,353	July 9	1615	480-1	129	576
Heading-machine.....	H. A. Powers.....	869,516	Oct. 29	3638	997	130	2528
Headlight.....	E. H. McLaughlin and E. S. Sittel.	851,305	Apr. 23	5212	1093	127	3025
Headlight.....	M. E. Fuld.....	852,265	Apr. 30	7148	1497	127	3545
Headlight.....	E. S. Gunn.....	852,505	May 7	255	46	128	72
Headlight.....	A. Miesse.....	857,249	June 18	3507	741	128	2654
Headlight.....	A. Miesse.....	859,403	July 9	1690	450	129	600
Headlight.....	D. M. Toner.....	864,439	Aug. 27	3629	1009	129	3307
Headlight-adjusting device.....	F. P. Cobham.....	869,549	Oct. 29	3690	1011-12	130	2514
Headlight attachment.....	C. T. McFivaney.....	855,122	May 28	5568	1157	128	1518
Headlight. Automobile.....	C. M. Spink.....	842,818	Jan. 29	6188	1307	126	1721
Headlight bracket. Electric.....	O. E. Jones.....	864,542	Aug. 27	3825	1060	129	3369
Headlight. Dirigible.....	C. E. Mitchell.....	866,502	Sept. 17	2678	749	130	901
Headlight. Electric-arc.....	J. Kirby, Jr.....	860,036	July 16	2662	723	129	946
Headlight for stock.....	C. E. Rice.....	841,048	Jan. 8	2521	550	126	685
Headlight for vehicles.....	A. Le Blanc.....	853,247	May 14	1773	368	128	482
Headlight. Locomotive.....	T. D. Comer.....	846,092	Mar. 5	767	159	127	196
Headlight. Locomotive.....	R. M. Spillman.....	850,802	Apr. 16	4194	880	127	2730
Headlight. Locomotive.....	W. H. Donaldson.....	854,876	May 28	5059	1052	128	1391

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Headlight. Locomotive.....	C. P. Johnson.....	871,223	Nov. 19	2233	589	131	739
Headlight-operating device.....	W. H. Donaldson.....	847,918	Mar. 19	4453	976	127	1176
Headlight-operating mechanism.....	L. J. Martineau.....	843,834	Feb. 12	1964	419	126	2320
Headlight or lantern.....	F. P. Cobham.....	869,548	Oct. 29	3688	1011	130	2543
Headlight support. Car.....	C. M. Spink.....	842,819	Jan. 29	6189	1307	126	1722
Headlight. Vehicle.....	F. G. Frankenberg.....	850,570	Apr. 16	3755	785	127	2622
Headlight. Vehicle.....	E. Maisongrande.....	858,999	July 2	1075	283	129	367
Headlight. Vehicle.....	E. Maisongrande.....	859,090	July 2	1200	323	129	406
Headwear.....	A. O. Gordon.....	873,856	Dec. 17	3177	676	131	1745
Heat-coil.....	A. H. Adams.....	851,051	Apr. 23	4681	984	127	2894
Heat-coil.....	F. B. Cook.....	854,272	May 21	3861	797	128	1058
Heat-conductor.....	W. Schönleber.....	857,115	June 18	3262	687	128	2592
Heat-controller. Automatic.....	J. Jessen.....	841,978	Jan. 22	4380	944-6	126	1234
Heat-engine.....	F. X. Govers.....	870,507	Nov. 5	997	272	131	323
Heat-generator.....	W. R. Smith.....	859,130	July 2	1256	336	129	424
Heat-interchanger.....	J. B. Speed and P. Thelen.....	840,667	Jan. 8	1765	388	126	496
Heat-radiating ring.....	I. S. Barnett.....	855,687	June 4	467	98	128	1815
Heat. Reducing compounds with electrically-developed.....	F. J. Tone.....	869,276	Oct. 29	3240	.....	130	2406
Heat-regulating apparatus.....	N. E. Nash.....	843,093	Feb. 5	520	109	126	1927
Heat-regulating apparatus.....	W. A. Comstock.....	872,714	Dec. 3	834	174	131	1298
Heat-regulator.....	G. W. Hagaman.....	862,966	Aug. 13	1399	380	129	2549
Heat-regulator. Electrothermostatic.....	L. G. Copeman.....	852,773	May 7	795	159	128	206
Heat-resisting composition.....	G. De Angelis.....	869,694	Oct. 29	3932	.....	130	2617
Heat retaining or excluding receptacle.....	J. L. Fate.....	844,272	Feb. 12	2820	601	126	2532
Heat-transferring apparatus.....	V. Croizat.....	867,803	Oct. 8	879	249	130	1603
Heater:							
See Air-heater. Incubator-heater.							
Alcohol-heater. Locomotive water-heater.							
Barber's heater. heater.							
Body-heater. Oil-heater.							
Car-heater. Sad-iron heater.							
Curling-iron heater. Smoke-consuming heater.							
Electric heater. Smoothing-iron heater.							
Explosive-heater. Solar heater.							
Feed-water heater. Steam or water heater.							
Fireplace-heater. Tank-heater.							
Flat-iron heater. Torpedo-heater.							
Fluid-heater. Vehicle-heater.							
Gas-heater. Water-heater.							
Hot-air heater. Water-tank heater.							
Hot-water heater. Water-tank heater.							
Heater.....	W. F. McGuire.....	840,235	Jan. 1	907	198	126	246
Heater.....	H. J. Lange.....	843,088	Feb. 5	511	107	126	1924
Heater.....	M. F. W. Pliske.....	846,611	Mar. 12	1825	401	127	494
Heater.....	A. M. Clark.....	847,906	Mar. 19	4422	970	127	1168
Heater.....	E. G. M. Cape and R. J. Durley.....	850,818	Apr. 16	4225	888	127	2738
Heater.....	H. S. Durand.....	851,002	Apr. 23	4586	961	127	2868
Heater.....	C. H. Henzel.....	854,497	May 21	4275	884	128	1163
Heater.....	T. G. Palmer.....	855,904	June 4	903	187	128	1922
Heater.....	H. F. Langenhop.....	855,955	June 4	986	205-6	128	1943
Heater.....	G. E. Riblet.....	859,012	July 2	1093	289	129	372
Heater.....	I. H. Black.....	862,382	Aug. 6	446	121	129	2227
Heater.....	A. B. Ferdinand.....	864,159	Aug. 27	3209	889	129	3173
Heater.....	R. C. Frampton.....	867,357	Oct. 1	204	58	130	1375
Heater.....	W. S. Turney.....	867,768	Oct. 8	820	234	130	1584
Heater.....	M. W. Hall.....	870,821	Nov. 12	1521	414	131	527
Heater.....	J. E. Peck.....	871,235	Nov. 19	2261	595	131	744
Heater.....	C. T. Bride.....	875,044	Dec. 31	5623	1173	131	2191
Heater and cooker.....	J. L. Adam.....	852,754	May 7	758	149-50	128	198
Heater and radiator. Combination.....	C. Schaefer.....	863,318	Aug. 13	1952	526	129	2723
Heater protector. Oil.....	E. H. Brown.....	874,296	Dec. 17	4090	862	131	1889
Heater safety device.....	I. Filson.....	867,355	Oct. 1	197	56-8	130	1373
Heating and annealing furnace.....	G. Bodsworth.....	843,574	Feb. 12	1491	315-16	126	2199
Heating and illuminating burner.....	H. Braby.....	853,057	May 7	1400	292	128	356
Heating and lighting burner.....	A. Mouneyrat.....	871,728	Nov. 19	3273	810	131	904
Heating and ventilating system.....	L. W. Abbott.....	849,346	Apr. 2	1455	295	127	1957
Heating and ventilating system.....	J. B. Gibson.....	859,380	July 9	1662	442-3	129	591
Heating and ventilating system.....	C. H. Smith.....	868,299	Oct. 15	1702	481	130	1876
Heating and ventilating system.....	E. W. Woods.....	875,400	Dec. 31	6315	1316-17	131	2304
Heating and welding furnace.....	W. N. Best.....	874,561	Dec. 24	4632	973	131	2007
Heating apparatus.....	J. H. Blakeway.....	841,107	Jan. 15	2675	585	126	769
Heating apparatus.....	S. H. Garst.....	843,083	Feb. 5	497	104	126	1920
Heating apparatus.....	V. W. Blanchard.....	849,314	Apr. 2	1387	279	127	1941
Heating apparatus.....	D. J. F. Buck.....	851,400	Apr. 23	5395	1131	127	3072
Heating apparatus.....	J. H. McPartland.....	852,797	May 7	868	176-7	128	292
Heating apparatus.....	J. Heizmann.....	857,060	June 18	3162	665	128	2569
Heating apparatus.....	F. A. Delph.....	857,795	June 25	4588	971	128	2958
Heating apparatus.....	R. J. Savage.....	863,657	Aug. 20	2448	673-4	129	2910
Heating apparatus. Hot-water.....	H. V. Jorgensen.....	862,642	Aug. 6	911	244	129	2366
Heating apparatus. Hot-water.....	A. B. Reck.....	875,107	Dec. 31	5735	1196	131	2211
Heating apparatus. Steam.....	W. P. Hussey.....	845,789	Mar. 5	108	21-2	127	31
Heating apparatus. Steam.....	F. C. Pulsford.....	872,847	Dec. 3	1122	237	131	1342
Heating apparatus. Steam and water.....	E. S. Manny.....	875,362	Dec. 31	6242	1302	131	2291
Heating apparatus. Vacuum.....	C. C. Peck.....	874,112	Dec. 17	3724	784	131	1826
Heating appliance. Domestic and industrial.....	C. J. Roux.....	858,105	June 25	5242	1111-12	128	3124
Heating-boiler.....	C. L. Holden.....	846,472	Mar. 12	1520	337	127	415
Heating-boiler.....	H. P. J. Earnshaw.....	861,167	July 23	4385	1204	129	1541
Heating-burner for vaporized liquid combustibles. Multiple.....	M. Friedmann and R. Knoller.....	872,810	Dec. 3	1026	215	131	1330
Heating-can.....	P. Friedman and A. H. Carlisle.....	862,151	Aug. 6	46	13	129	2095
Heating-cartridge.....	A. Lang.....	847,668	Mar. 19	3927	857	127	1052
Heating-coil shield.....	P. S. Knoch.....	853,092	May 7	1456	305	128	368
Heating, cooking, and washing apparatus.....	L. De Vaux.....	866,630	Sept. 24	2876	813	130	994
Heating device.....	T. Sharp.....	847,121	Mar. 12	2797	618	127	736

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Heating device.....	M. E. Doan.....	858,583	July 2	369	94	129	131
Heating device.....	A. A. Radtke.....	865,527	Sept. 10	1208	345	130	397
Heating device.....	S. Z. de Ferranti.....	867,576	Oct. 8	541	153	130	1499
Heating device.....	T. Sharp.....	872,853	Dec. 3	1132	239	131	1344
Heating device. Combination blast and exhaust.....	F. J. Ballantine.....	864,062	Aug. 20	3045	841-2	129	3065
Heating. Electric.....	S. S. Eveland.....	848,163	Mar. 26	4912	1073	127	1328
Heating element. Electric.....	G. J. Schneider.....	863,454	Aug. 13	2137	576-7	129	2782
Heating-furnace.....	E. E. Graham.....	842,881	Feb. 5	80	18	126	1811
Heating-furnace.....	L. A. Fisk.....	852,056	Apr. 30	6772	1410	127	3450
Heating-furnace. Continuous.....	J. Hughes.....	857,285	June 18	3584	758-9	128	2674
Heating-furnace.....	N. W. Dimpsey.....	862,142	Aug. 6	34	10	129	2092
Heating-furnace.....	B. E. Eldred.....	866,635	Sept. 24	2883	815	130	995
Heating-furnace.....	H. A. Denzin.....	868,974	Oct. 22	2779	766	130	2235
Heating-furnace.....	F. E. Swift.....	872,858	Dec. 3	1143	242	131	1345
Heating-furnace. Continuous.....	H. Parrock and W. McKee.....	846,506	Mar. 12	1596	354	127	435
Heating-furnace. Continuous.....	E. Norton.....	874,422	Dec. 24	4351	915-16	131	1964
Heating-furnace. Continuous.....	J. Reuleaux.....	875,455	Dec. 31	6421	1340-1	131	2322
Heating-furnace. Continuous.....	J. Reuleaux.....	875,459	Dec. 31	6423	1341-2	131	2323
Heating materials. Electrically.....	C. L. Collins, 2d.....	840,044	Jan. 1	501	110	126	134
Heating method.....	F. A. Simonds.....	880,700	July 23	3677	1007	129	1312
Heating or refrigerating apparatus.....	H. Naranjo.....	870,457	Nov. 5	927	253	131	303
Heating-pad.....	J. E. Allison.....	858,848	July 2	854	222	129	295
Heating system.....	J. S. C. Nicholls.....	845,371	Feb. 26	5284	1121	126	3221
Heating system.....	R. L. Gifford.....	847,934	Mar. 19	4479	982	127	1182
Heating system.....	W. L. Miller.....	849,744	Apr. 9	2201	453	127	2182
Heating system.....	H. C. Mallory.....	851,363	Apr. 23	5320	1114-16	127	3051
Heating system.....	J. D. Jones.....	852,064	Apr. 30	6785	1412	127	3453
Heating system.....	J. F. Staudt.....	854,969	May 28	5225	1088	128	1434
Heating system.....	E. Gordon.....	859,799	July 9	2405	653-4	129	829
Heating system.....	J. Hedlund and W. W. McMahon.....	862,158	Aug. 6	56	17-18	129	2098
Heating system.....	A. G. Paul.....	863,211	Aug. 13	1790	481-2	129	2675
Heating system.....	W. H. Bright.....	863,504	Aug. 13	2218	599	129	2807
Heating system.....	F. A. Simonds.....	865,439	Sept. 10	1050	299-300	130	348
Heating system.....	S. V. Sharood.....	875,119	Dec. 31	5762	1201	131	2215
Heating system.....	A. McGonagle.....	875,449	Dec. 31	6408	1337	131	2320
Heating system. Circulating hot water in a.....	C. C. Peck.....	854,054	May 21	3430	707-8	128	947
Heating system. Hot-water.....	G. S. Comstock.....	866,842	Sept. 24	3204	901	130	1101
Heating system. Low-pressure fluid.....	E. H. Gold.....	868,772	Oct. 22	2471	683	130	2141
Heating system. Steam.....	F. C. Goff.....	841,389	Jan. 15	3224	695	126	909
Heating system. Steam.....	T. F. Dexter.....	842,180	Jan. 29	4816	1028	126	1375
Heating system. Vacuum.....	C. C. Peck.....	874,113	Dec. 17	3726	784	131	1827
Heating systems. Automatic regulator for hot-water.....	A. Catchpole.....	865,865	Sept. 10	1743	485-6	130	577
Heating systems. Combined steam and water trap for steam.....	T. F. Dexter.....	844,105	Feb. 12	2471	530	126	2443
Heating systems. Expansion device for hot-water.....	M. C. Honeywell.....	868,862	Oct. 22	2611	722	130	2182
Heating systems. Receiver for vapor.....	A. P. Broomell.....	843,995	Feb. 12	2266	485	126	2394
Heating unit. Electric.....	T. Van Aller.....	848,939	Apr. 2	668	134	127	1758
Heddle-manufacturing machine.....	W. Fehr.....	875,659	Dec. 31	6921	1442-6	131	2389
Heddles. Machine for the manufacture of.....	W. Fehr.....	841,679	Jan. 22	3780	821-3	126	1084
Hedge-trimmer.....	P. F. Seabloom.....	844,414	Feb. 19	3123	670	126	2646
Hedge-trimmer.....	J. T. Newberry.....	854,594	May 21	4453	926	128	1204
Hedge-trimmer.....	H. W. Sykes.....	856,312	June 11	1701	353	128	2159
Hedge-trimmer.....	G. O. Hoppe.....	856,871	June 11	2787	580	128	2432
Hedge-trimmer.....	J. A. Bechtold.....	873,830	Dec. 17	3124	665	131	1736
Heel.....	E. Guilmán.....	858,976	July 2	1045	275	129	357
Heel and toe stiffener for boots and shoes.....	W. P. Thoré.....	856,930	June 11	2893	606	128	2458
Heel-attaching machine.....	E. Woodward.....	844,573	Feb. 19	3703	778-9	126	2782
Heel-attaching machines. Top-lift or heel holder for.....	J. W. Baddock.....	874,921	Dec. 31	5370	1123	131	2151
Heel. Boot and shoe.....	J. F. Lober.....	844,882	Feb. 19	4312	920	126	2936
Heel. Boot and shoe.....	W. F. Bostock.....	867,909	Oct. 8	1057	299	130	1655
Heel. Boot and shoe.....	W. G. Anderson.....	869,764	Oct. 29	4031	1113	130	2645
Heel-burnishing appliance.....	W. W. Crooker.....	867,559	Oct. 1	500	143	130	1468
Heel-clip.....	H. A. L. Heinichen.....	849,901	Apr. 9	2509	518	127	2263
Heel-compressing machine.....	F. F. Raymond, 2d.....	860,692	July 23	3662	1003-4	129	1307
Heel-creper. Hydraulic.....	O. F. Leibert.....	851,240	Apr. 23	5069	1066	127	2988
Heel-cushion.....	J. T. Story.....	840,170	Jan. 1	767	168	126	207
Heel-cushion.....	P. W. Pratt.....	863,873	Aug. 20	2769	762	129	3012
Heel. Cushion.....	B. N. B. Miller.....	862,091	July 30	8535	1623	129	2034
Heel. Cushion.....	J. Witkowski.....	868,054	Oct. 15	1333	372	130	1764
Heel. Detachable.....	J. Greenstein and J. Lednitzky.....	852,178	Apr. 30	6995	1460	127	3506
Heel. Detachable.....	C. C. Schmidt.....	873,388	Dec. 10	2238	466	131	1554
Heel extension. Shoe.....	J. and F. Grossman.....	872,413	Dec. 3	197	39	131	1190
Heel for boots and shoes.....	H. M. Colditz.....	841,935	Jan. 22	4301	928	126	1215
Heel for boots and shoes.....	A. F. Spencer.....	853,193	May 7	1638	341	128	416
Heel for boots and shoes.....	L. H. Shaw.....	862,111	July 30	5889	1632	129	2043
Heel for boots and shoes. Cushion.....	M. J. Kearney.....	866,867	Sept. 24	3244	912	130	1111
Heel for boots and shoes. Interchangeable.....	R. Barnes.....	848,799	Apr. 2	370	73	127	1684
Heel-lift pasting and delivering machine.....	L. E. Bunnell and A. J. Hooker.....	861,258	July 30	2546	1243	129	1624
Heel-nailing machine.....	G. M. Pettengill.....	861,051	July 23	4226	1157-8	129	1487
Heel-piece.....	B. Nathan and H. Cohen.....	845,809	Mar. 5	149	28	127	41
Heel-plate.....	R. Merrick, Jr., and O. E. Miller.....	840,505	Jan. 8	1454	321	126	417
Heel-retainer for overshoes.....	O. Berry.....	866,907	Sept. 24	3298	930	130	1128
Heel-seat-forming machine.....	S. J. Wentworth.....	854,320	May 21	3944	814	128	1081
Heel-seat maker and counter-pounder. Rotary.....	I. E. Fletcher.....	872,617	Dec. 3	624	131	131	1265
Heel. Spring.....	A. F. Luzzi.....	857,816	June 25	4630	982	128	2965
Heel-spring.....	G. E. Swan.....	861,000	July 23	4159	1139	129	1467
Heel-sweep brace.....	J. H. Ingram.....	844,023	Feb. 12	2317	495	126	2406
Heels or soles of boots and shoes. Metallic protector for.....	J. H. Vinton.....	871,309	Nov. 19	2434	631	131	769
Helically-ripped pipe.....	J. D. Isaacs and J. B. Speed.....	857,464	June 18	3911	832	128	2758
Helix-forming machine.....	T. E. Drohan.....	840,050	Jan. 1	514	111-12	126	137
Hem-finder.....	G. F. Oldham.....	849,636	Apr. 9	2022	415	127	2138
Hemmer.....	A. L. Madison.....	843,347	Feb. 5	1037	214	126	2052
Hemmer.....	E. Page.....	843,841	Feb. 12	1978	424	126	2323
Hemmers. Folder attachment for.....	E. F. Gibbons.....	846,742	Mar. 12	2056	452	127	553
Hemoglobinometer.....	R. L. Watkins.....	871,542	Nov. 19	2951	737	131	847

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Hemp-brake	F. T. Martin	869,004	Oct. 22	2832	780	130	2253
Hemp-breaking machine	T. and W. B. Hopkins	872,426	Dec. 3	232	45-6	131	1204
Hemp fiber. Manufacture of artificial	F. Lehner	853,093	May 7	1457		128	369
Hemp-treating machine. Manila	E. E. Barton	852,410	May 7	2	1	128	3
Hermetic closure for receptacles	W. A. Lorenz	841,027	Jan. 8	2480	540	126	675
Hexamethylenetetramin-sodium acetate double salt	P. Bergell	852,993	May 7	1283		128	326
Hide and leather working machine	H. A. Holder	854,419	May 21	4129	856	128	1127
Hide and skin stretching apparatus	M. Thorer	868,033	Oct. 15	1299	360	130	1754
Hide-carrotting machine	C. and E. Pichard	846,944	Mar. 12	2474	545	127	658
Hide-fleshing-machine cylinder	E. F. Smith	847,616	Mar. 19	3825	837	127	1027
Hide-working machine	O. E. and E. J. Beck	858,560	July 2	332	82	129	120
Hide-working machine	A. E. Whitney	872,489	Dec. 3	362	74	131	1224
Hides and making same. Substance for treating	O. H. Nowak	873,074	Dec. 10	1623	338	131	1452
Hides and skins. Bating	O. Röhm	875,382	Dec. 31	6277		131	2299
Hides and skins. Carrotting	C. and E. Pichard	873,594	Dec. 10	2635		131	1624
Hides and skins. Machine for splitting raw	J. W. Deckert	856,395	June 11	1903	392	128	2212
Hides and skins. Machine for treating	J. A. Metzler	847,354	Mar. 19	3267	718-19	127	881
Hides and skins. Machine for treating	G. B. Norgrove	847,684	Mar. 19	3958	863-4	127	1060
Hides and skins. Treating	W. M. Norris	840,794	Jan. 8	2017		126	557
Hides, &c. Drying apparatus for	G. W. Hollis	841,866	Jan. 22	4176	899	126	1188
Hides or skins. Treating	S. K. Felton Jr.	853,166	May 7	1583		128	400
Hides, skins, and leather. Machine for treating	G. B. Norgrove	849,158	Apr. 2	1106	222-3	127	1872
Hides. Tool-cylinder for machines for unhairing	V. Quaedylic	842,336	Jan. 29	5140	1092	126	1457
High and low water alarm	S. E. Jarvis	869,907	Nov. 5	50	15	131	17
High-resisting body	F. M. Ekert	858,504	July 2	249		129	90
Hill-sides and mountains. Utilizing	M. Richter	867,157	Sept. 24	3694	1045	130	1253
Hinge	G. Holden	839,847	Jan. 1	82	20	126	24
Hinge	F. Shersmith	840,966	Jan. 8	2360	517	126	643
Hinge	P. J. Madden	841,333	Jan. 15	3108	672	126	879
Hinge	S. N. Stevens and E. P. Flanders	841,596	Jan. 15	3601	782	126	1007
Hinge	W. H. Brothers	842,520	Jan. 29	5565	1177	126	1569
Hinge	W. H. Fitzgerald	843,081	Feb. 5	492	103	126	1920
Hinge	C. J. Caley	843,581	Feb. 12	1502	318	126	2201
Hinge	F. Weil and W. A. Gross	844,069	Feb. 12	2402	515	126	2426
Hinge	J. W. Tatum	844,629	Feb. 19	3794	802	126	2803
Hinge	C. J. Caley	845,519	Feb. 26	5564	1179	126	3289
Hinge	G. L. Noe and C. S. Weiland	845,971	Mar. 5	505	104	127	131
Hinge	C. Fielding	853,507	May 14	2296	475	128	624
Hinge	W. S. John	854,580	May 21	4431	920	128	1201
Hinge	M. A. Tieck	856,112	June 4	1261	265	128	2011
Hinge	S. Farmer	856,856	June 11	2760	573	128	2426
Hinge	H. E. Hoke	857,175	June 18	3385	714	128	2624
Hinge	E. F. Bennett	861,251	July 30	4533	1240	129	1620
Hinge	J. W. Pierce	862,014	July 30	5714	1586	129	1988
Hinge	G. C. Gardner	862,550	Aug. 6	769	205	129	2322
Hinge	C. J. Aebi	863,128	Aug. 13	1664	445	129	2634
Hinge	W. P. Angelo	863,132	Aug. 13	1673	448	129	2636
Hinge	E. Gance	863,710	Aug. 20	2518	695	129	2932
Hinge	E. E. Rice	864,690	Aug. 27	4065	1129	129	3442
Hinge	A. G. Wilson	864,747	Aug. 27	4144	1150	129	3466
Hinge	R. G. Winter. (Reissue)	12,692	Sept. 3	914	261-2	130	276
Hinge	S. R. Hewitt	865,895	Sept. 10	1786	498	130	590
Hinge	J. Saari	866,968	Sept. 24	3392	960	130	1159
Hinge	G. C. Witt	867,775	Oct. 8	828	237	130	1587
Hinge	A. Erler	868,173	Oct. 15	1488	421	130	1810
Hinge	C. W. Cook	869,553	Oct. 29	3702	1015	130	2549
Hinge	W. H. Torode	872,263	Nov. 26	4450	1058	131	1112
Hinge	S. S. Arnold	873,704	Dec. 17	2847	606	131	1694
Hinge	H. Pearson	874,427	Dec. 24	4360	917	131	1965
Hinge	L. H. Dennis	874,746	Dec. 24	4999	1052	131	2069
Hinge	W. R. Corbin	875,242	Dec. 31	6003	1252	131	2255
Hinge and fastener. Blind	W. Dupré	862,320	Aug. 6	353	97	129	2194
Hinge and fastener. Combined blind	J. N. Watrous	868,236	Oct. 15	1590	451	130	1841
Hinge and fastening for doors. Combined	A. Abzug	847,145	Mar. 12	2841	627	127	748
Hinge attachment for screen-doors. Spring	R. R. Suter	840,396	Jan. 1	1239	270	126	325
Hinge. Awning-blind	A. Swanser	863,465	Aug. 13	2150	580-1	129	2786
Hinge. Butt	C. Winkler	860,615	July 16	3539	972	129	1234
Hinge. Chair-back	O. P. Breithut	860,632	July 23	3578	981	129	1281
Hinge. Combined spring and lock	J. W. Keown	866,791	Sept. 24	3130	881	130	1077
Hinge. Concealed	O. Althin	847,717	Mar. 19	4020	879	127	1075
Hinge. Detachable	C. J. Tolnes	853,384	May 14	2062	427	128	562
Hinge. Detachable	E. E. Rice	863,221	Aug. 13	1811	487	129	2681
Hinge. Door	J. F. Brice	843,661	Feb. 12	1650	350	126	2241
Hinge. Door	C. Keith and G. F. Lister	865,911	Sept. 10	1810	505	130	596
Hinge. Door	W. K. Henry	873,432	Dec. 10	2315	484	131	1569
Hinge. Double-acting	J. J. Cowell	867,913	Oct. 8	1061	300	130	1656
Hinge. Flush	J. Erickson	845,863	Mar. 5	257	53	127	66
Hinge for doors and like movable objects	O. M. Edwards	850,422	Apr. 16	3465	726	127	2548
Hinge for shutters. Self-closing	F. C. Kasch and W. Eberhard	842,404	Jan. 29	5302	1124	126	1505
Hinge for window-screens	B. F. Douglass	858,269	June 25	5532	1182	128	3197
Hinge. Four-way gate	C. W. Westerberg	856,008	June 4	1085	225	128	1968
Hinge. Gate	R. W. Gee	859,174	July 2	1328	353	129	448
Hinge. Gate	O. Reppert, J. F. Fruchte, and F. L. Litterer	861,898	July 30	5550	1531	129	1938
Hinge. Gate	J. V. Dunn	865,243	Sept. 3	729	209	130	220
Hinge. Gate	L. A. Holden	869,905	Nov. 5	48	14	131	17
Hinge. Invisible	E. M. Kluge	869,717	Oct. 29	3964	1095	130	2626
Hinge. Locking	O. A. Bell	856,937	June 11	2903	608	128	2459
Hinge. Locking	F. J. Gilroy	872,650	Dec. 3	692	145	131	1277
Hinge-locking device	F. Gebhardt	853,872	May 14	3040	625	128	810
Hinge pin and joint	R. G. Schutz	843,038	Feb. 5	398	86	126	1893
Hinge-plate for tilting posts	L. H. Needham	857,190	June 18	3414	720	128	2631
Hinge. Self-closing	G. A. Datscheg	868,973	Oct. 22	2778	766	130	2234
Hinge. Separable spring	J. C. Mithollin	847,963	Mar. 19	4543	999	127	1197
Hinge. Spring	W. H. Brothers	842,519	Jan. 29	5564	1176	126	1569
Hinge. Spring	H. J. Valentine	842,593	Jan. 29	5718	1208	126	1607

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Hinge. Spring.....	E. Moore.....	848,673	Apr. 2	103	23	127	1611
Hinge. Spring.....	A. F. Staples.....	864,932	Sept. 3	265	70	130	84
Hinge. Window.....	R. S. Dana.....	851,224	Apr. 23	5036	1060	127	2979
Hinged hanger.....	A. Schroeder.....	839,963	Jan. 1	326	71	126	90
Hitch. Curb safety.....	A. Boyd.....	865,757	Sept. 10	1564	440	130	510
Hitch. Horse.....	E. J. Aitken.....	846,715	Mar. 12	1997	439	127	537
Hitching device.....	D. P. Goff.....	853,631	May 14	2548	528	128	687
Hitching device. Horse.....	J. E. Hugus.....	844,598	Feb. 19	3745	788	126	2791
Hitching-post.....	B. R. Long.....	843,954	Feb. 12	2195	469	126	2377
Hitching-post.....	J. H. Didrich.....	842,449	Jan. 29	5411	1149	126	1533
Hitching-strap clamp.....	A. G. Ritz.....	849,573	Apr. 9	1905	390	127	2110
Hitching-strap clamp.....	L. C. Skinner and E. Myers.....	855,675	June 4	441	92	128	1808
Hitching-weight.....	I. Matsumoto.....	843,543	Feb. 5	1422	299	126	2148
Hobby-horse.....	G. S. Axford.....	841,369	Jan. 15	3185	686	126	899
Hod-elevator.....	J. D. Harper.....	842,657	Jan. 29	5841	1234	126	1637
Hoe.....	W. A. Sparks.....	843,501	Feb. 5	1325	279	126	2125
Hoe.....	D. B. Curry, Jr.....	850,736	Apr. 16	4083	853	127	2702
Hoe.....	J. S. Lester.....	853,179	May 7	1604	334	128	405
Hoe.....	H. McChesley.....	860,405	July 16	3212	879	129	1126
Hoe.....	J. S. Williams.....	868,148	Oct. 15	1457	410	130	1802
Hoe. Adjustable.....	J. E. Davis.....	865,632	Sept. 10	1373	389	130	449
Hoe and cultivator. Horse.....	O. H. Clark and H. F. Hamilton.....	867,188	Sept. 24	3755	1060	130	1271
Hoe and rake handle.....	O. Stewart.....	852,245	Apr. 30	7114	1489	127	3537
Hoe or rake handle connection.....	C. B. Bendlage.....	867,096	Sept. 24	3600	1021	130	1221
Hoe. Trenching.....	E. B. Cahoon.....	871,565	Nov. 19	2997	747	131	855
Hoe. Weeding.....	J. McClure.....	841,708	Jan. 22	3840	835	126	1100
Hoeing-machine.....	W. A. Harris.....	873,543	Dec. 10	2537	535-6	131	1607
Hog and meat hanger.....	M. T. Darnall.....	847,738	Mar. 19	4063	887	127	1083
Hog-carrier.....	R. Henderson.....	844,357	Feb. 19	3013	643	126	2620
Hog-catcher.....	A. W. Park.....	867,296	Oct. 1	102	31	130	1345
Hog catcher and holder.....	J. Davis.....	873,514	Dec. 10	2470	520	131	1597
Hog handling and scalding device.....	R. A. Menefee.....	856,893	June 11	2824	589	128	2442
Hog-stop and cattle-pass. Combined.....	D. K. Wilson.....	854,322	May 21	3946	815	128	1081
Hog-trough.....	G. Strahl.....	849,281	Apr. 2	1325	269	127	1926
Hoist.....	W. E. Hutchings.....	850,757	Apr. 16	4120	862	127	2712
Hoist.....	J. H. Clark.....	863,152	Aug. 13	1701	457	129	6425
Hoist.....	R. H. Beebe and J. Trimble.....	863,345	Aug. 13	1992	536	129	2737
Hoist.....	C. E. Sterne.....	864,492	Aug. 27	3703	1032	129	3332
Hoist.....	C. O. Conner.....	868,844	Oct. 22	2587	714	130	2175
Hoist.....	P. M. MacKaskie.....	858,814	July 2	793	207-8	129	276
Hoist, aerial tramway, and automatic dumping device. Combination.....	P. M. MacKaskie.....	858,815	July 2	797	208-9	129	277
Hoist, aerial tramway, and automatic dumping device. Combination.....	P. M. MacKaskie.....	858,816	July 2	799	209	129	278
Hoist apparatus. Grab-bucket.....	S. H. Libby.....	872,523	Dec. 3	442	92	131	1233
Hoist-brake. Self-adjusting.....	P. J. Darlington.....	867,483	Oct. 1	380	110	130	1431
Hoist-controller.....	S. H. Libby and I. F. Baker.....	872,524	Dec. 3	445	92	131	1236
Hoist. Electrically-controlled skip.....	H. H. Cutler.....	844,662	Feb. 19	3868	820	126	2822
Hoist. Fluid-actuated cushioned.....	G. F. Steedman.....	840,877	Jan. 8	2178	480-1	126	596
Hoist. Fluid-actuated regulated cushioned.....	G. F. Steedman.....	845,827	Mar. 5	182	35	127	48
Hoist. Hanging staging.....	H. O. Clarke and A. G. Ross.....	853,161	May 7	1577	328	128	398
Hoist. Portable.....	J. L. Pilling.....	864,798	Sept. 3	53	15-16	130	19
Hoist. Portable.....	W. Connelly.....	869,421	Oct. 29	3484	956	130	2481
Hoist. Regulated.....	G. F. Steedman.....	840,876	Jan. 8	2172	479-80	126	594
Hoist. Spur-gear.....	P. J. Darlington.....	867,484	Oct. 1	382	110	130	1432
Hoister-drum with hollow shafts.....	A. Lambert.....	843,154	Feb. 5	637	135	126	1957
Hoisting and conveying apparatus.....	T. S. Miller and J. H. Dickinson.....	846,042	Mar. 5	655	137-8	127	167
Hoisting and conveying apparatus.....	J. McMyer.....	858,530	July 2	284	70	129	100
Hoisting and conveying apparatus.....	G. A. Fox and D. Davidson.....	864,637	Aug. 27	3971	1102	129	3413
Hoisting and conveying apparatus.....	H. H. Guffin.....	868,984	Oct. 22	2791	770-1	130	2239
Hoisting apparatus.....	C. W. Hunt.....	841,870	Jan. 22	4186	901	126	1190
Hoisting apparatus.....	F. D. Millin.....	843,411	Feb. 5	1131	236	126	2075
Hoisting apparatus.....	V. R. and E. H. Browning.....	843,558	Feb. 5	1454	307	126	2155
Hoisting apparatus.....	P. W. Sieurin.....	844,477	Feb. 19	3251	701	126	2677
Hoisting apparatus.....	A. F. Bardwell.....	845,506	Feb. 26	5543	1175	126	3285
Hoisting apparatus.....	V. R. Browning.....	848,287	Mar. 26	5165	1126	127	1392
Hoisting apparatus.....	L. Moss.....	849,078	Apr. 2	927	189-90	127	1824
Hoisting apparatus.....	L. Moss.....	849,257	Apr. 2	1283	260	127	1916
Hoisting apparatus.....	J. S. Walker.....	853,387	May 14	2066	428	128	562
Hoisting apparatus.....	M. A. Stewart.....	859,146	July 2	1286	342	129	434
Hoisting apparatus.....	C. H. Sample.....	862,203	Aug. 6	148	41-2	129	2130
Hoisting apparatus.....	L. Moss.....	863,203	Aug. 13	1777	478	129	2670
Hoisting apparatus.....	D. O. Pritchard.....	863,441	Aug. 13	2117	571	129	2776
Hoisting apparatus.....	A. Suck.....	863,669	Aug. 20	2465	679-80	129	2915
Hoisting apparatus.....	C. A. Olson.....	867,071	Sept. 24	3559	1007	130	1209
Hoisting apparatus.....	C. T. Painter.....	870,458	Nov. 5	930	253-4	131	303
Hoisting apparatus.....	O. K. Holst.....	870,724	Nov. 12	1353	369	131	475
Hoisting apparatus.....	A. G. Monks.....	873,157	Dec. 10	1768	372-3	131	1478
Hoisting apparatus.....	E. Putnam.....	874,238	Dec. 17	3981	840	131	1870
Hoisting apparatus and transporting means therefor.....	F. Sandwisch.....	863,098	Aug. 13	1608	432-3	129	2615
Hoisting apparatus. Automatic stop for electric.....	H. S. Valentine.....	850,694	Apr. 16	4014	839	127	2686
Hoisting apparatus. Expansion-drum for.....	D. W. Driscoll and J. A. Rennlee.....	860,859	July 23	3907	1071	129	1386
Hoisting apparatus. Pivotal head for.....	W. H. Arnold.....	875,563	Dec. 31	6614	1383	131	2355
Hoisting-apparatus safety arrangement.....	W. Thornber.....	846,807	Mar. 12	2187	481	127	587
Hoisting-bracket.....	P. A. Nelson.....	854,302	May 21	3914	807	128	1072
Hoisting-bucket.....	A. McDonald.....	859,509	July 9	1835	494-5	129	647
Hoisting-bucket.....	C. Chase.....	859,543	July 9	1893	508	129	667
Hoisting-bucket.....	C. S. Williamson.....	864,278	Aug. 27	3386	941	129	3229
Hoisting-bucket. Automatic dumping and righting.....	W. T. Krausch.....	839,858	Jan. 1	107	26	126	31
Hoisting device.....	G. F. Koenig.....	847,667	Mar. 19	3922	856-7	127	1051
Hoisting device.....	M. Metzger.....	849,485	Apr. 9	1746	353	127	2069
Hoisting device.....	J. H. Downey.....	852,877	May 7	1039	215	128	265
Hoisting device.....	H. J. Schmick.....	864,998	Sept. 3	371	99	130	117
Hoisting-device safety-brake.....	G. A. Armington.....	871,552	Nov. 19	2972	742	131	851
Hoisting-engine.....	A. E. Norris.....	841,042	Jan. 8	2511	547-8	126	683

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Hoisting-engine.....	F. T. Flinchbaugh.....	847,754	Mar. 19	4095	894-5	127	1090
Hoisting-engine. Compound-gear friction.....	J. P. Karr and J. D. Rauch.....	875,532	Dec. 31	6565	1371	131	2346
Hoisting-engine. Steam.....	J. W. Smith.....	872,977	Dec. 3	1375	289-90	131	1383
Hoisting-hook.....	A. W. Coats and R. M. Thompson.....	845,693	Feb. 26	5907	1247	126	3375
Hoisting-jack.....	C. O. Brewster.....	843,660	Feb. 12	1648	350	126	2241
Hoisting-machine.....	A. E. Handy.....	840,129	Jan. 1	697	149	126	190
Hoisting-machine.....	G. L. Tredo.....	841,198	Jan. 15	2828	616-17	126	809
Hoisting-machine.....	D. Arthur.....	857,972	June 25	4958	1048	128	3051
Hoisting-machine brake.....	G. C. Grable.....	850,152	Apr. 16	2955	619	127	2411
Hoisting-machine-starting device.....	J. D. Ihlder.....	851,291	Apr. 23	5176	1087	127	3017
Hoisting mechanism.....	G. W. King.....	849,625	Apr. 9	1997	409-10	127	2131
Hoisting mechanism.....	A. A. McIntosh.....	855,332	May 28	5940	1239-40	128	1614
Hoisting mechanism.....	B. F. Shafer.....	873,799	Dec. 17	3043	646	131	1725
Hoisting-mechanism safety appliance.....	W. F. Buch.....	857,382	June 18	3766	797	128	2719
Hoisting system. Electric.....	J. D. Ihlder and R. W. Scott.....	848,372	Mar. 26	5331	1161	127	1430
Hoisting-tower.....	W. J. Haskins.....	874,192	Dec. 17	3876	817-18	131	1854
Holdback.....	C. E. Moxley.....	864,324	Aug. 27	3450	961	129	3248
Holdback attachment for thills.....	O. B. Cleveland.....	861,574	July 30	5061	1388	129	1791
Holder.....	M. H. Hart.....	857,998	June 25	5022	1060	128	3067
Holder.....	F. L. Lyman.....	860,397	July 16	3197	874	129	1120
Holder for domestic articles.....	M. Pike.....	846,758	Mar. 12	2092	459	127	562
Holding and draining rack.....	M. C. Kloeppinger.....	843,826	Feb. 12	1937	415	126	2314
Hollow articles. Means for drawing.....	K. Gossweiler.....	857,235	June 18	3487	737	128	2649
Hollow articles. Mold for forming.....	J. A. Williams.....	864,582	Aug. 27	3890	1079	129	3389
Hollow bodies. Apparatus for narrowing the walls of.....	H. Kohl.....	865,257	Sept. 3	751	213-14	130	227
Hollow vessels. Forming seamless metallic.....	J. H. Gault.....	857,616	June 25	4228	894	128	2866
Hollow ware. Producing enamel-lined articles of.....	E. B. and C. R. Manning.....	875,667	Dec. 31	6951	1448	131	2391
Honey-extractor.....	C. G. Luft.....	875,086	Dec. 31	5703	1189	131	2204
Honey section. Comb.....	W. J. Lewis.....	869,917	Nov. 5	61	18	131	21
Hoof-cutter.....	A. Look.....	860,815	July 23	3844	1054	129	1365
Hoof-expanding pad.....	C. D. McAfee.....	869,642	Oct. 29	3852	1054	130	2593
Hoof-pad.....	L. H. Kromm.....	845,649	Feb. 26	5809	1228	126	3350
Hoof-pad.....	C. Bellmann.....	846,082	Mar. 5	750	156	127	191
Hoof-pad.....	F. S. Handy and W. J. Hickey.....	854,034	May 21	3387	698	128	936
Hoof-pad.....	A. Larsen.....	855,188	May 28	5693	1185	128	1550
Hoof-parer.....	M. Hallanan.....	863,386	Aug. 13	2052	554	129	2757
Hoof-trimmer.....	J. Hedrick.....	873,546	Dec. 10	2544	537	131	1608
Hoof-trimming device.....	P. A. Jensen.....	841,016	Jan. 8	2464	537	126	671
Hook.....	B. Huckleby.....	854,644	May 21	4545	949	128	1229
See Bill-hook.....	Hoisting-hook.....						
Boat-hook.....	Lace-hook.....						
Brier-hook.....	Lacing-hook.....						
Cant-hook.....	Ladder-hook.....						
Coat-hook.....	Latch-hook.....						
Car-door hook.....	Leather or hide sus-						
Center swiveling hook.....	pending hook.....						
Chain-hook.....	Lock-hook.....						
Checkrein-hook.....	Logging-hook.....						
Clothes-line hook.....	Loom harness-hook.....						
Coat-hook.....	Metallic hook.....						
Coat and hat hook.....	Pile-wire hook.....						
Cotor hammock hook.....	Printer's hook.....						
Double-ended or S	Register-hook.....						
hook.....	Safety-hook.....						
Draft-hook.....	Sap-cup hook.....						
Draw-bar hook.....	Self-releasing hook.....						
Eyeglass-hook.....	Sheep-hook.....						
Fastening-hook.....	Snap-hook.....						
Fish-hook.....	Suspending-hook.....						
Fish trap-hook.....	Swingletree-hook.....						
Garment-hook.....	Telephone switch-						
Gate or door hook.....	hook.....						
Grab-hook.....	Trace-hook.....						
Grappling-hook.....	Watering-hook.....						
Harness-hook.....	Whiffletree-hook.....						
Hat and garment hook.....							
Hook.....	E. J. Hebert.....	842,095	Jan. 22	4608	989	126	1287
Hook.....	W. O. Bement.....	842,933	Feb. 5	188	43	126	1837
Hook.....	W. C. Fisher.....	851,509	Apr. 23	5599	1172	127	3119
Hook.....	W. D. Ziegler.....	860,178	July 16	2865	782	129	1012
Hook.....	C. A. Nauman.....	861,044	July 23	4220	1155	129	1485
Hook.....	F. E. De Long.....	864,231	Aug. 27	3312	918	129	3208
Hook.....	J. A. Fonville.....	864,416	Aug. 27	3583	996	129	3290
Hook.....	J. F. Hershey.....	866,030	Sept. 17	2001	558	130	685
Hook.....	J. Krimer.....	867,886	Oct. 8	1011	288	130	1642
Hook and eye.....	B. F. Gable.....	840,205	Jan. 1	854	184	126	231
Hook and eye.....	J. S. C. Soward.....	840,266	Jan. 1	961	209	126	260
Hook and eye.....	A. Besson.....	844,089	Feb. 12	2433	521	126	2433
Hook and eye.....	H. Atkinson.....	847,271	Mar. 12	3097	682	127	811
Hook and eye.....	M. J. Rattigan.....	849,161	Apr. 2	1113	224	127	1873
Hook and eye.....	A. B. Reid.....	853,320	May 14	1946	402	128	533
Hook and eye.....	A. B. Reid.....	853,377	May 14	2054	425	128	560
Hook and eye.....	H. N. Legan.....	860,039	July 16	2666	724	129	947
Hook and eye.....	F. Meyers.....	861,876	July 30	5521	1523	129	1929
Hook and eye.....	J. W. Granger.....	862,245	Aug. 6	222	61	129	2151
Hook and eye.....	J. P. Baumgartner.....	864,596	Aug. 27	3914	1086	129	3396
Hook and eye.....	C. Umnitz.....	872,772	Dec. 3	952	198	131	1317
Hook and eye.....	C. Umnitz.....	872,773	Dec. 3	953	198	131	1318
Hook-and-eye-card holder.....	C. H. Gaskins and W. H. Keiser.....	875,255	Dec. 31	6022	1256	131	2259
Hook-and-eye mounting.....	C. B. Patterson.....	862,195	Aug. 6	137	38	129	2127
Hook and eye or the like.....	F. L. West.....	872,873	Dec. 3	1173	250	131	1350
Hook and link.....	M. J. Keane.....	871,413	Nov. 19	2676	680	131	805
Hook-eye. Garment.....	L. D. Mattassi.....	841,164	Jan. 15	2776	606	126	795
Hook-fastener. Garment.....	C. W. Stevens, Jr.....	857,369	June 18	3744	792	128	2714
	G. E. Figg.....	862,328	Aug. 6	365	100	129	2197

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Hook-retaining rack. Meat.....	W. R. Perrin.....	862,505	Aug. 6	679	184	129	2298
Hook-rod-disconnecting device.....	D. K. Allison and G. F. De Wein.	873,695	Dec. 10	2819	601	131	1657
Hook-setting machine.....	A. Raiche.....	843,667	Feb. 12	1711	365	126	2256
Hook-switch.....	C. T. Mason.....	846,590	Mar. 12	1771	391	127	480
Hook-switch.....	E. B. Craft.....	862,449	Aug. 6	577	153	129	2270
Hooks and eyes. Carrier-plate for.....	J. W. Granger.....	857,731	June 25	4459	942	128	2926
Hooks and eyes. Implement for driving screw.....	W. H. Vanderherchen.....	841,472	Jan. 15	3375	729	126	947
Hoop:							
See Barrel-hoop. Mast-hoop.							
Embroidery-hoop. Metal hoop.							
Hoop for washboilers, &c.....	S. A. Johnson.....	847,582	Mar. 19	3734	820	127	1005
Hoop former. Barrel.....	T. Johnson.....	849,400	Apr. 9	1559	316	127	2022
Hoop-making machine.....	L. D. Scott.....	848,692	Apr. 2	142	30	127	1624
Hoop-nailing machine. Barrel.....	E. F. Beugler.....	857,515	June 18	4019	856	128	2782
Hoops to casks and barrels. Machine for applying bilge.....	E. C. Thorschmidt.....	850,692	Apr. 16	4010	838-9	127	2684
Hooping casks and the like. Machine for.....	E. W. Whiteman.....	860,778	July 23	3793	1039-40	129	1347
Hop-jack.....	G. E. Laubenheimer.....	860,390	July 16	3186	871	129	1117
Hop-jack.....	O. Selg.....	873,330	Dec. 10	2127	443	131	1535
Hop-picker.....	E. C. Horst and J. Ehrhorn.....	857,461	June 18	3906	830-1	128	2754
Hop-picker.....	E. C. Horst and J. Ehrhorn.....	861,285	July 30	4600	1257	129	1647
Hop-press.....	C. Kuensting.....	867,142	Sept. 24	3658	1039	130	1237
Hop-wire-detaching device.....	J. A. Grover.....	873,227	Dec. 10	1902	399	131	1499
Hopper.....	H. P. Yost.....	858,935	July 2	977	254	129	335
Hopper. Feed.....	G. E. Snyder.....	870,477	Nov. 5	957	261-2	131	311
Hopper. Feeding.....	A. Johnson.....	861,858	July 30	5494	1516	129	1921
Hopper. Traveling.....	W. J. Patterson.....	840,863	Jan. 8	2146	474-5	126	588
Hopple.....	L. B. Engelhart.....	845,769	Mar. 5	74	15	127	22
Hopple. Animal.....	A. B. Smith.....	858,633	July 2	485	124	129	170
Horizontal boiler.....	J. C. Parker.....	842,006	Jan. 22	4445	956	126	1250
Horizontal light.....	A. G. Kaufman.....	856,408	June 11	1933	397	128	2218
Horn.....	I. Alter.....	853,148	May 7	1558	324	128	394
Horn. Amplifying.....	M. Steiner and M. Brenner.....	840,967	Jan. 8	2361	518	126	643
Horn. Electric.....	H. Csanyi.....	851,655	Apr. 30	5918	1237	127	3230
Horn. Electric.....	L. Chalas, E. Réquillart, and C. Contal.	874,792	Dec. 24	5078	1070	131	2084
Horn. Electric.....	W. E. Russell.....	870,198	Nov. 5	512	140	131	167
Horn. Folding.....	O. Kraus.....	850,375	Apr. 16	3384	707-8	127	2526
Horn-like mass. Producing a.....	H. Schwarzbarg and E. Noa.....	864,388	Aug. 27	3546	129	3278	
Horn-support.....	W. L. Denio.....	852,657	May 7	570	109	128	148
Horn-support.....	V. H. Rapke.....	855,978	June 4	1043	216	128	1957
Horn-support.....	A. H. Jones.....	860,303	July 16	3049	835	129	1071
Horn-support.....	E. C. Goldsmith.....	862,554	Aug. 6	774	206	129	2323
Horn support. Amplifying.....	A. S. Marten. (Reissue).....	12,674	July 23	4516	1235	129	1584
Horn support. Amplifying.....	F. L. Bedell.....	870,008	Nov. 5	214	57	131	77
Horns. Stand for sound-amplifying.....	J. H. B. Conger.....	866,263	Sept. 17	2340	652	130	792
Horse. Adjustable folding.....	T. V. Struble.....	843,118	Feb. 5	579	121	126	1942
Horse-arrester.....	J. T. Lambert.....	849,631	Apr. 9	2014	413	127	2136
Horse-blanket.....	F. H. Vinton.....	846,812	Mar. 12	2202	483	127	591
Horse-boot.....	N. G. Devin.....	845,535	Feb. 26	5594	1185	126	3297
Horse-boot.....	H. O'Brien.....	853,259	May 14	1795	374	128	487
Horse-boot.....	J. Fennell.....	858,272	June 25	5537	1183	128	3198
Horse-boot.....	J. Fennell.....	858,273	June 25	5538	1183	128	3198
Horse-boot.....	M. Weiss.....	863,336	Aug. 13	1979	533	129	2732
Horse-controlling device.....	J. G. Michaeli.....	840,079	Jan. 1	582	126	126	155
Horse-detacher.....	H. A. Smith.....	844,548	Feb. 19	3405	733	126	2715
Horse-detacher.....	H. G. Simpson.....	846,152	Mar. 5	890	187	127	227
Horse-detacher.....	J. E. Nilsson.....	848,388	Mar. 26	5362	1168	127	1438
Horse-detacher.....	G. A. Waters.....	857,128	June 18	3287	693	128	2599
Horse-detacher.....	J. A. Fennell.....	860,454	July 16	3285	897	129	1149
Horse-detacher.....	J. R. McDaniel.....	870,898	Nov. 12	1636	447	131	562
Horse-detacher.....	P. A. Peterson and J. M. Haines.....	873,592	Dec. 10	2631	554	131	1623
Horse-detacher.....	W. H. Eckman.....	873,929	Dec. 17	3300	705	131	1767
Horse-detacher.....	M. R. Ritts.....	874,243	Dec. 17	3987	841	131	1872
Horse-gaiting device.....	E. A. Hyde.....	873,240	Dec. 10	1922	404	131	1504
Horse-grooming implement.....	A. H. Blanchard.....	863,257	Aug. 13	1868	503	129	2697
Horse hitch. Three or four.....	F. G. Alvord.....	871,316	Nov. 19	2453	634	131	772
Horse-hitching device.....	W. H. Gardner.....	861,585	July 30	5075	1392	129	1796
Horse knee-boot. Pneumatic.....	R. C. Bever.....	850,128	Apr. 16	2923	610	127	2403
Horse-operated mechanism.....	C. E. Wadsworth.....	862,426	Aug. 6	528	141-2	129	2250
Horse-overshoe.....	G. N. Kinnell.....	872,287	Nov. 26	4496	1067	131	1120
Horse-power.....	J. Mallon.....	841,412	Jan. 15	3267	704	126	920
Horse-power.....	W. D. McAtlin.....	855,434	May 28	6122	1279-80	128	1657
Horse-power.....	F. M. Fountain.....	858,804	July 2	778	203	129	273
Horse-power.....	G. Wenzelmann.....	871,840	Nov. 26	3541	866	131	973
Horse-power and hoist.....	A. M. Smith.....	845,201	Feb. 26	4935	1047	126	3135
Horse-protector.....	J. E. Crawford.....	848,727	Apr. 2	212	43	127	1641
Horse-rake.....	H. L. and E. C. Litchfield and J. C. Harris.....	862,567	Aug. 6	796	212-13	129	2330
Horse-releaser.....	A. E. Frommel.....	840,691	Jan. 8	1811	399	126	507
Horse-releaser.....	A. W. Caswell.....	849,886	Apr. 9	2485	511	127	2257
Horse-releaser.....	M. L. Swingle.....	855,360	May 28	5992	1251	128	1627
Horse-releaser.....	A. McLean.....	857,189	June 18	3413	719	128	2631
Horse-releaser.....	P. F. Morrissey.....	858,890	July 2	908	237	129	313
Horse-releaser.....	G. E. Petterson.....	863,437	Aug. 13	2113	569-70	129	2775
Horse-releaser.....	G. W. Smith.....	869,199	Oct. 22	3114	858	130	2340
Horse-releaser.....	O. D. Brockette.....	871,669	Nov. 19	3175	787-8	131	886
Horse-tail holder.....	O. B. Read.....	868,364	Oct. 15	1810	509	130	1907
Horse toe-weight.....	M. McNailey and E. W. Bretz.....	859,685	July 9	2116	571	129	738
Horses and mules. Foot-bath for.....	A. Byrd.....	853,533	May 14	2342	487	128	635
Horses' foot and leg bath.....	H. R. O'Brien and J. R. Coulter.....	874,983	Dec. 31	5496	1148	131	2171
Horses of kicking. Device for breaking.....	W. T. Neff.....	864,796	Sept. 3	51	15	130	19
Horseshoe.....	E. Adam.....	840,892	Jan. 8	2217	488	126	607
Horseshoe.....	J. F. Robinson.....	841,448	Jan. 15	3331	719	126	937
Horseshoe.....	J. P. Hoppesch.....	842,316	Jan. 29	5100	1085	126	1446
Horseshoe.....	C. Bellmann.....	846,083	Mar. 5	751	156	127	192

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Horseshoe	J. D. Olcott	849,080	Apr. 2	932	190	127	1825
Horseshoe	H. Adelman	849,879	Apr. 9	2476	509	127	2255
Horseshoe	H. Dahms	849,979	Apr. 9	2635	550	127	2293
Horseshoe	C. Manley	851,243	Apr. 23	5074	1068	127	2989
Horseshoe	A. A. Bumbaugh	852,540	May 7	327	58	128	90
Horseshoe	J. J. Lynes	852,887	May 7	1065	219	128	272
Horseshoe	G. T. Crandell	854,198	May 21	3729	772	128	1024
Horseshoe	T. R. Kiley	856,261	June 11	1578	331	128	2127
Horseshoe	G. P. De Launey	856,848	June 11	2744	570	128	2422
Horseshoe	J. E. Grosjean	857,554	June 18	4098	869	128	2803
Horseshoe	J. T. Heisler	859,495	July 9	1816	488	129	642
Horseshoe	F. B. Gardner and J. E. Grosjean	859,758	July 9	2217	603	129	771
Horseshoe	F. B. Gardner, J. E. Grosjean, and T. C. Pennell	859,810	July 9	2291	623	129	795
Horseshoe	A. F. Schofield	859,846	July 9	2353	639	129	814
Horseshoe	R. E. L. Humphreys	861,033	July 23	4204	1151	129	1480
Horseshoe	A. Kwikkel	861,130	July 23	4342	1190	129	1527
Horseshoe	J. Baris	861,698	July 30	5243	1441	129	1845
Horseshoe	J. Park	861,886	July 30	5533	1527	129	1933
Horseshoe	A. Kerry	862,257	Aug. 6	245	70	129	2158
Horseshoe	J. Rottkamp	863,654	Aug. 20	2445	672-3	129	2909
Horseshoe	M. A. Liebert	865,507	Sept. 10	1168	332	130	385
Horseshoe	A. D. Ward	865,960	Sept. 10	1882	527	130	617
Horseshoe	W. F. Downey	866,008	Sept. 17	1964	548	130	674
Horseshoe	D. Barker	866,558	Sept. 17	2758	772	130	923
Horseshoe	G. L. Reynolds	866,733	Sept. 24	3043	858	130	1050
Horseshoe	L. P. Sawtell, T. S. Field, and G. G. Crouch	867,084	Sept. 24	3584	1016	130	1216
Horseshoe	G. M. Green	869,838	Oct. 29	4138	1143	130	2678
Horseshoe	R. E. L. Bethune	872,214	Nov. 26	4360	1039	131	1098
Horseshoe	R. Hübner	873,373	Dec. 10	2217	461	131	1550
Horseshoe	H. J. Ross	873,611	Dec. 10	2677	564	131	1630
Horseshoe	C. N. Stevens	873,966	Dec. 17	3378	719	131	1780
Horseshoe	M. Kane	874,912	Dec. 24	5343	1117	131	2122
Horseshoe	M. Gates	875,257	Dec. 31	6025	1257	131	2259
Horseshoe. Adjustable-calk	R. McClaskey	866,881	Sept. 17	2523	703	130	851
Horseshoe and means for attaching the same	W. M. Dight	845,699	Feb. 26	5915	1249	126	3377
Horseshoe attachment	J. W. Buck	848,721	Apr. 2	202	41	127	1639
Horseshoe attachment	A. H. McLachlan	860,101	July 16	2751	751	129	973
Horseshoe attachment	J. S. McKinley	861,306	July 30	4626	1264	129	1654
Horseshoe attachment	C. E. Maud	864,901	Sept. 3	217	60	130	64
Horseshoe-calk	R. N. Goodwin	844,121	Feb. 12	2495	536	126	2479
Horseshoe-calk	J. T. Bell	850,286	Apr. 16	3203	667	127	2478
Horseshoe-calk	W. B. Cole	852,317	Apr. 30	7240	1520	127	3566
Horseshoe-calk	G. F. Hailman and E. S. Harnden	855,245	May 28	5796	1208	128	1759
Horseshoe-calk	A. Smith	855,534	June 4	171	35	128	1378
Horseshoe-calk	W. Merrick	855,717	June 4	520	109	128	1828
Horseshoe-calk	G. G. Eichstaedt	863,908	Aug. 20	2827	778	129	3031
Horseshoe-calk	J. D. Kelleher	864,246	Aug. 27	3337	924	129	3215
Horseshoe-calk	J. M. McKnight	869,590	Oct. 29	3762	1030	130	2567
Horseshoe-calk	G. W. Fenstermaker	872,921	Dec. 3	1257	269	131	1365
Horseshoe-calk	E. Courtney and P. Bornhorn	873,119	Dec. 10	1706	356	131	1467
Horseshoe-calk and making the same	C. and E. Ludvigsen	853,019	May 7	1336	278	128	339
Horseshoe-calk-grinding machine	G. A. Russell	842,497	Jan. 29	5514	1168	126	1560
Horseshoe-calk. Removable	S. L. Dunlap	860,453	July 16	3284	897	129	1149
Horseshoe-calk. Removable	A. E. Rehrig	869,330	Oct. 29	3341	918	130	2436
Horseshoe-calk. Safety	J. C. Belloff and A. Roth	863,582	Aug. 20	2344	639-40	129	2874
Horseshoe-calks. Device for making	L. Enk	867,115	Sept. 24	3625	1029	130	1228
Horseshoe-calks. Making	R. Whitaker	855,082	May 28	5486	1138	128	1500
Horseshoe. Cushioned	W. R. Smith	854,852	May 28	4985	1038	128	1372
Horseshoe emergency attachment	J. C. Belloff and A. Roth	863,581	Aug. 20	2343	639	129	2874
Horseshoe-heel cutter	H. C. Goldsmith	850,925	Apr. 23	4460	933	127	2838
Horseshoe. Hoof-spreading	A. Nagley	872,191	Nov. 26	4303	1027	131	1090
Horseshoe-machine	A. Smith	855,535	June 4	172	35	128	1738
Horseshoe-machine	A. Smith	873,802	Dec. 17	3050	648	131	1726
Horseshoe-nail clencher	J. N. Doss	855,505	June 4	121	25	128	1724
Horseshoe-nail-making machine	S. M. Cutter	852,376	Apr. 30	7358	1545	127	3596
Horseshoe-pad	A. F. Martins	841,031	Jan. 8	2487	542	126	677
Horseshoe-pad	J. B. McArdle	865,422	Sept. 10	1023	292	130	340
Horseshoe-pad	M. D. Glassbrooke	866,127	Sept. 17	2146	597	130	731
Horseshoe roughing-calk	E. von Marsóvsky and J. Jobban	872,440	Dec. 3	257	52	131	1209
Horseshoe. Soft-tread	H. Paar	840,706	Jan. 8	1848	406	126	518
Horseshoe toe-calk	A. Soderland	858,677	July 2	551	142	129	191
Horseshoes. Antislipping attachment for	A. A. Hill	863,796	Aug. 20	2656	734	129	2977
Horseshoes. Apparatus for rolling billets in the manufacture of machine-made	A. Smith	855,533	June 4	167	33-4	128	1737
Horseshoes. Manufacture of	W. R. Yost	845,211	Feb. 26	4949	1051	126	3139
Horseshoes. Means for fastening	J. P. O'Brien	843,907	Feb. 12	2107	451	126	2355
Horseshoe's stand	C. F. Southworth	862,291	Aug. 6	306	85	129	2178
Horseshoeing-stand	C. M. Davis	866,003	Sept. 17	1956	546	130	672
Horticultural implement	D. Craig	864,953	Sept. 3	301	79	130	96
Hose	W. W. Spadone	848,778	Apr. 2	320	65	127	1668
Hose and hose-pipe controlling-nozzle	T. Haley	854,641	May 21	4537	947	128	1227
Hose and like coupling	S. B. Lear	867,059	Sept. 24	3540	1003	130	1203
Hose and pipe coupling	J. M. Davidson	859,546	July 9	1898	510	129	668
Hose and piping. Flexible armor for	W. D. Weir	840,536	Jan. 8	1512	334-5	126	433
Hose-band	F. W. Chaffee	870,763	Nov. 12	1422	386	131	493
Hose-cart	A. Hasse	863,846	Aug. 20	2733	752	129	3002
Hose-clamp	C. H. Thompson	847,620	Mar. 19	3830	838	127	1028
Hose-clamp	H. E. Crandall	851,653	Apr. 30	5914	1236	127	3230
Hose-clamp	L. Palmer and A. L. Taylor	851,996	Apr. 30	6622	1378	127	3413
Hose-clamp	M. P. McLaughlin	862,749	Aug. 6	1077	290	129	2412
Hose-clamp	H. A. Wahlert	875,019	Dec. 31	5573	1164	131	2183
Hose-coupling	J. Berk	847,042	Mar. 12	2657	585	127	704
Hose-coupling	J. F. McElroy	847,292	Mar. 12	3130	689-90	127	820
Hose-coupling	C. C. Corlew	855,232	May 28	5765	1200	128	1569

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Hose-coupling	E. J. Hannold	856,401	June 11	1918	394	128	2215
Hose-coupling	C. A. Clafin	858,575	July 2	357	91	129	127
Hose-coupling	C. C. Corlew	860,529	July 16	3386	930	129	1184
Hose-coupling	W. H. Mack	861,300	July 30	4619	1263	129	1653
Hose-coupling	A. R. Robbins	862,349	Aug. 6	392	108	129	2206
Hose-coupling	K. O. Muehlberg	862,578	Aug. 6	811	216	129	2335
Hose-coupling	R. M. Haley	864,299	Aug. 27	3414	949	129	3237
Hose-coupling	C. T. White	868,311	Oct. 15	1725	487	130	1882
Hose-coupling	J. G. Massie	872,001	Nov. 26	3923	946	131	1027
Hose-coupling	B. A. Schwabe	872,463	Dec. 3	316	63	131	1216
Hose-coupling	G. E. Petterson	873,892	Dec. 17	3236	690	131	1756
Hose coupling for train-lines. Air	W. E. McKinley	844,035	Feb. 12	2337	501	126	2411
Hose-coupling. Gravity	E. E. Gold	859,936	July 16	2493	677	129	890
Hose-couplings. Electrical connection for	F. Hoffman	873,940	Dec. 17	3327	709	131	1772
Hose. Flexible metallic	W. Schulz	856,427	June 11	1971	405-6	128	2228
Hose-holder	C. L. Lindsay	858,883	July 2	896	234	129	309
Hose holder. Fire	J. Kenlon	865,184	Sept. 3	641	181	130	195
Hose. Metallic	E. T. Greenfield	848,238	Mar. 26	5048	1104	127	1362
Hose-nozzle	F. J. Christman	839,811	Jan. 1	22	5	126	8
Hose-nozzle	J. A. Long	851,603	Apr. 23	5795	1211	127	3170
Hose-nozzle	G. Pecover	860,054	July 16	2690	731	129	955
Hose-nozzle	H. M. Albee	865,146	Sept. 3	580	163	130	177
Hose-nozzle	W. A. Teall	871,003	Nov. 12	1812	494	131	616
Hose-nozzle	J. P. Buckley	871,256	Nov. 19	2309	603	131	751
Hose-nozzle. Adjustable	C. R. Ross	864,919	Sept. 3	246	66	130	77
Hose or pipe coupling	S. D. Barnett	862,045	July 30	5753	1598	129	2001
Hose or pipe coupling	C. F. Snyder	869,662	Oct. 29	3874	1061	130	2600
Hose or pipe mender	G. B. McCreary	847,594	Mar. 19	3758	824	127	1010
Hose or tubes. Machine for manufacturing	C. Hyde	839,851	Jan. 1	89	21-2	126	26
Hose-pipe-coupling end	E. D. Nelson and W. L. Brown	863,745	Aug. 20	2572	710-11	129	2949
Hose-pipe. Machine for winding a wire or other protector around a flexible	J. Parris	859,010	July 2	1090	288	129	371
Hose-pipes to pipe ends. Fastening of.	C. Nielsen	852,237	Apr. 30	7101	1485	127	3533
Hose-rack	W. McClintock	844,531	Feb. 19	3376	727	126	2708
Hose-rack	C. Wright	846,713	Mar. 12	1995	439	127	537
Hose-rack	R. D. Wirt	856,326	June 11	1735	360	128	2166
Hose-rack	T. V. Forster	867,265	Oct. 1	51	15	130	1331
Hose-reel	L. A. Grimsrud	848,239	Mar. 26	5050	1104	127	1363
Hose support. Lawn	F. H. Smith	861,545	July 30	5016	1378	129	1778
Hose-supporter	J. Mann	840,355	Jan. 1	1158	251	126	306
Hose-supporter	E. Pearl	841,430	Jan. 15	3294	711	126	926
Hose-supporter	H. E. Crandall	841,940	Jan. 22	4312	929	126	1218
Hose-supporter	J. C. Beach	842,750	Jan. 29	6074	1280	126	1694
Hose-supporter	J. H. Stoltzfus	843,115	Feb. 5	572	120	126	1941
Hose-supporter	H. C. Giles and W. W. White	845,349	Feb. 26	5239	1111	126	3209
Hose-supporter	J. Eisman	847,747	Mar. 19	4084	892	127	1088
Hose-supporter	L. C. Stukenborg	849,282	Apr. 2	1327	269	127	1926
Hose-supporter	E. Middleton	850,240	Apr. 16	3130	654	127	2459
Hose-supporter	C. J. Ljunggren	852,335	Apr. 30	7267	1528	127	3573
Hose-supporter	F. Hirsh	852,954	May 7	1197	246	128	304
Hose-supporter	H. B. Moses	857,251	June 18	3510	742	128	2655
Hose-supporter	J. C. Sanders	858,473	July 2	191	45	129	72
Hose-supporter	H. G. Macwilliam	867,064	Sept. 24	3549	1005	130	1206
Hose-supporter	E. Johnson	867,377	Oct. 1	231	66	130	1383
Hose-supporter	E. Warren	868,044	Oct. 15	1314	366	130	1758
Hose-supporter	F. E. Sharp	868,584	Oct. 15	2161	604	130	2020
Hose-supporter	E. Pearl	869,457	Oct. 29	3544	972	130	2500
Hose-supporter	L. M. Churchill	870,544	Nov. 12	1057	288	131	372
Hose-supporter	O. B. Oyer	872,677	Dec. 3	757	158	131	1287
Hose-supporter	M. Sternberg	874,132	Dec. 17	3761	791	131	1834
Hose-supporter	E. M. Haynes	874,766	Dec. 24	5036	1061	131	2076
Hose-supporter clasp	P. S. Bauer	840,289	Jan. 1	1003	219	126	269
Hose-supporter clasp	H. Binney	853,758	May 14	2814	578	128	756
Hose-supporter clasp	H. Binney	875,142	Dec. 31	5808	1212	131	2223
Hose-terminal	J. R. Carner	867,108	Sept. 24	3616	1025	130	1225
Hose-toe protector	R. D. Weakley	872,394	Dec. 3	155	29	131	1192
Hose-winding machine. Metallic	W. Schwarz	849,858	Apr. 9	2436	497	127	2244
Hosiery and making same	R. W. Scott	864,433	Aug. 27	3614	1003	129	3302
Hosiery and manufacture of the same	R. W. Scott	864,432	Aug. 27	3611	1002-3	129	3300
Hosiery and the manufacture of the same	R. W. Scott	868,815	Oct. 22	2544	701	130	2163
Hosiery. Manufacture of seamless	E. E. Kilbourn	850,940	Apr. 23	4485	938	127	2844
Hosiery. Seamless	J. W. Mettler	862,575	Aug. 6	806	215	129	2333
Hot-air engine	O. Ringbom	856,102	June 4	1238	261	128	2005
Hot-air furnace	C. F. A. Röell	843,104	Feb. 5	548	114	126	1934
Hot-air furnace	L. J. Bair	845,607	Feb. 26	5714	1210-11	126	3327
Hot-air furnace	P. E. Odell	845,888	Mar. 5	333	69	127	85
Hot-air furnace	H. P. Fish	848,543	Mar. 26	5642	1236	127	1508
Hot-air furnace	W. S. Turney	849,177	Apr. 2	1144	231	127	1881
Hot-air furnace	H. F. Rasor	852,617	May 7	489	90-1	128	129
Hot-air furnace	J. L. Berger	853,153	May 7	1563	325	128	395
Hot-air furnace	J. P. Kolia	856,263	June 11	1581	332	128	2127
Hot-air furnace	G. W. Crawford	863,361	Aug. 13	2018	543	129	2746
Hot-air furnace	E. T. Marsters	868,203	Oct. 15	1540	437	130	1825
Hot-air furnace	A. C. Mott	873,449	Dec. 10	2339	491-2	131	1574
Hot-air heater	J. E. Albinson	848,220	Mar. 26	5012	1096	127	1353
Hot-air register	F. H. Dudley	846,189	Mar. 5	953	202	127	242
Hot-air register	J. W. Ratz	846,616	Mar. 12	1833	403	127	496
Hot-air register	C. H. Meibeyer	848,758	Apr. 2	273	55	127	1656
Hot-air register	C. E. A. Gronbech	862,071	July 30	5815	1612	129	2021
Hot-air register	S. J. Morgan and H. M. Whitcomb	863,037	Aug. 13	1504	408	129	2583
Hot-air-register attachment	J. M. Dietz, C. W. Andersen, and J. W. Farrell	851,198	Apr. 23	4978	1046	127	2966
Hot-air-register attachment	A. O. Jones	852,063	Apr. 30	6784	1412	127	3453
Hot-bed frame	W. H. Luckau	842,214	Jan. 29	4891	1043	126	1393
Hot blast, water-coil, and gas-burner. Combined	J. B. Ehrlich	846,916	Mar. 12	2413	530	127	643

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Hot-pots. Apparatus for making linings of	R. C. Veitch	861,487	July 30	4926	1353	129	1747
Hot-water bag or bottle	R. A. Whall	858,550	July 2	320	79	129	116
Hot-water-bag stopper	G. W. Clayton	859,047	July 2	1143	305	129	388
Hot-water bags. Electric heating attachment for	C. V. Hill	839,928	Jan. 1	254	55	126	70
Hot-water bags. Electrical heater for	C. V. Hill	861,851	July 30	5485	1513	129	1918
Hot-water bags. Heating attachment for	C. V. Hill	840,060	Jan. 1	539	117	126	144
Hot-water boiler	H. Wilson	873,111	Dec. 10	1692	352-3	131	1464
Hot-water-circulating system	C. C. Peck	842,907	Feb. 5	125	30	126	1820
Hot-water furnace	H. L. Bruce	860,725	July 23	3712	1017	129	1321
Hot-water heater	R. H. Bradley	843,793	Feb. 12	1886	405	126	2301
Hot-water heater	E. F. White	846,370	Mar. 5	1287	283	127	324
Hot-water heater	M. J. Selzer	850,062	Apr. 9	2773	582-3	127	2326
Hot-water heater	T. H. Campbell	850,620	Apr. 16	3864	807	127	2648
Hot-water heater	G. G. Schroeder	862,851	Aug. 6	1237	334-5	129	2462
Hot-water heater	H. C. Goodrich	868,085	Oct. 15	1370	384	130	1774
Hot-water heater	J. Gedeon, Jr	871,927	Nov. 26	3733	909-10	131	1002
Hot-water heater	W. R. De Harpporte	872,612	Dec. 3	613	129	131	1263
Hot-water regulator	G. Parge	847,104	Mar. 12	2770	613	127	730
Hot-water supply	D. S. Cole	873,842	Dec. 17	3151	671-2	131	1740
Hothouse, grapery, and greenhouse. Combined	R. Bender and F. W. Taylor	841,306	Jan. 15	3061	663	126	865
Hotel-indicator	E. Abraham	853,851	May 14	2997	616	128	800
Hotel-register and account-checking system. Combined	T. J. Raftican	851,437	Apr. 23	5464	1144	127	3089
House:							
See Malt-house.	Screen-house.						
Portable house.							
House-wiring conduit system	H. Alexander	858,846	July 2	848	220-1	129	293
Houses. Running-gear for portable	W. F. Kramer and C. Anderton, Jr.	873,759	Dec. 17	2968	630	131	1712
Household-machines. Driving device for	R. Brambach	845,050	Feb. 26	4629	985	126	3054
Housing	H. Krantz	873,872	Dec. 17	3201	682	131	1750
Hub	J. E. Sapp	840,379	Jan. 1	1209	264	126	318
Hub	J. C. Redemer	857,204	June 18	3439	725	128	2637
Hub-attaching device	P. Le Sueur	841,025	Jan. 8	2478	540	126	675
Hub-attaching device	G. Bitzer	852,492	May 7	215	39	128	62
Hub-attaching device	W. E. Faulkingham	862,890	Aug. 13	1293	351	129	2514
Hub-attaching device	J. W. Marler	863,737	Aug. 20	2560	707	129	2946
Hub. Automatic coaster and brake	C. Newton	863,422	Aug. 13	2092	563	129	2769
Hub-cap	J. W. Summers	840,172	Jan. 1	770	168	126	208
Hub. Cushion	J. A. McManus	850,040	Apr. 9	2726	573	127	2314
Hub. Double-lock	S. D. Latty	870,565	Nov. 12	1090	298	131	385
Hub for vehicles. Cushioning	H. Banks	861,424	July 30	4835	1326	129	1721
Hub for vehicles. Pneumatic	G. Middleton	857,092	June 18	3231	679	128	2583
Hub for wheels. Pneumatic	W. S. H. Smith	845,135	Feb. 26	4806	1018	126	3102
Hub. Sand-proof disk	E. L. Black	869,226	Oct. 29	3163	872	130	2381
Hub. Shock-absorbing	C. C. Griggs and J. C. Jensen	856,525	June 11	2136	439	128	2268
Hub. Two-speed and automatic coaster and brake	C. Newton and F. E. Brown	863,423	Aug. 13	2093	563-5	129	2769
Hub. Two-speed and automatic coaster and brake	C. Newton and F. E. Brown	863,424	Aug. 13	2097	565	129	2771
Hub. Two-speed and automatic coaster and brake	C. Newton and F. E. Brown	863,425	Aug. 13	2099	565	129	2771
Hub. Two-speed and automatic coaster and brake	C. Newton and F. E. Brown	863,426	Aug. 13	2100	565	129	2771
Hub. Vehicle	O. Beittler	852,412	May 7	4	2	128	4
Hub. Vehicle	T. J. Reid	860,247	July 16	2970	811	129	1046
Hub. Vehicle	A. Hart	873,428	Dec. 10	2310	483	131	1568
Hub. Vehicle	G. A. McKeel	874,697	Dec. 24	4901	1030	131	2053
Hub. Wheel	C. Therrien, Sr.	849,286	Apr. 2	1335	270	127	1920
Hub. Wheel	F. F. Unckrich	850,328	Apr. 16	3282	683	127	2501
Hub. Wheel	B. F. Powell	860,824	July 23	3854	1057	129	1368
Hub. Wheel	W. F. Jessup	864,468	Aug. 27	3672	1021	129	3323
Hub. Wheel	W. J. Connally	865,239	Sept. 3	725	207	130	218
Hub. Wheel	W. S. Oswald	868,801	Oct. 22	2528	696	130	2157
Hub. Wheel	W. J. Connally	872,715	Dec. 3	836	174	131	1299
Hub-wrench	E. G. O'Donnell	868,883	Oct. 22	2636	729	130	2190
Hubs. Sand-cap for wheel	H. C. Clay	845,759	Mar. 5	54	11	127	17
Hugger. Automatic	P. H. Fleteau	851,124	Apr. 23	4807	1012	127	2923
Hull-cleaning and friction-reducing apparatus	W. A. Partee and J. C. Wharton	843,357	Feb. 5	1051	217	126	2055
Huller:							
See Clover-huller.	Rice-huller.						
Grain-huller.	Seed-huller.						
Grain and seed huller.							
Hulling-machine	L. Lash	870,298	Nov. 5	668	179	131	219
Humidifier	S. W. Cramer	840,917	Jan. 8	2265	493	126	619
Humidifier	F. B. Comins	862,541	Aug. 6	750	200	129	2317
Humidifier	H. De Smith	864,084	Aug. 20	3077	850	129	3104
Humidifier	A. R. Clarkson	865,295	Sept. 3	814	235	130	246
Humidifier	C. Subert	866,534	Sept. 17	2727	762	130	914
Humidifier	C. E. Whitmore	867,690	Oct. 8	702	197	130	1548
Humidifier	J. J. Smith	872,384	Dec. 3	137	26	131	1189
Humidifier. Portable	J. J. Smith	847,840	Mar. 19	4287	940	127	1136
Humidifier or air-moistening apparatus	S. W. Cramer	840,916	Jan. 8	2264	498	126	618
Humidifying and air-conditioning apparatus	S. W. Cramer	852,823	May 7	919	188-9	128	235
Humidifying and air-moistening apparatus	S. W. Cramer	873,924	Dec. 17	3292	704	131	1766
Humidifying apparatus	J. Taylor	864,810	Sept. 3	67	20	130	23
Humidifying apparatus	A. W. Thompson	869,945	Nov. 5	100	28	131	34
Humidifying-machine	J. W. Fries	859,649	July 9	2065	558	129	721
Humidifying system	E. Maxwell and H. J. Page	859,502	July 9	1825	491-2	129	644
Humidity-reducing apparatus	R. H. Thomas	871,194	Nov. 19	2175	579	131	730
Husking implement	J. J. Hesser	859,384	July 9	1668	444	129	593
Husking implement	F. Schutterle	868,629	Oct. 15	2248	623	130	2046
Husking-machine	E. J. Weidner	845,599	Feb. 26	5702	1208	126	3324
Husking-machine	R. P. White	856,931	June 11	2894	606	128	2458
Husking-peg	M. K. Smith and J. E. Davis	854,247	May 21	3821	739	128	1048
Husking-tool	W. Schreiber	874,444	Dec. 24	4386	923	131	1970
Hydrant	J. W. Singmaster	855,350	May 28	5975	1247	128	1622
Hydrant	G. H. Traxel	860,424	July 16	3235	885	129	1132
Hydrant	F. G. Midgett	868,794	Oct. 22	2518	694	130	2153
Hydrant or fire-plug	C. E. Cotton	848,014	Mar. 26	4676	1019	127	1268

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr g.	Vol.	Page.
Hydraulic and pneumatic apparatus.....	H. Jones.....	840,065	Jan. 1	548	119	126	146
Hydraulic chair.....	A. N. Hornung, Jr.....	852,559	May 7	359	64	128	97
Hydraulic clamp.....	A. P. McLarty.....	856,416	June 11	1947	400-1	128	2222
Hydraulic drill.....	W. Wolski.....	842,049	Jan. 22	4522	972	126	1268
Hydraulic drill and reamer.....	J. Charlton.....	854,464	May 21	4216	872	128	1149
Hydraulic elevator.....	H. Bennefeldt.....	862,381	Aug. 6	445	227	211	1229
Hydraulic elevator.....	W. L. Weber.....	844,488	Feb. 19	3271	706	126	2683
Hydraulic jack.....	R. H. Beebe and I. R. Coneoff.....	856,759	June 11	2593	532	128	2386
Hydraulic jack.....	H. C. Dudgeon.....	848,641	Apr. 2	39	9	127	1594
Hydraulic jack.....	H. C. Dudgeon.....	861,714	July 30	5298	1449	129	1852
Hydraulic jack.....	J. W. Nelson and W. H. Mathers.....	867,997	Oct. 15	1238	343	130	1734
Hydraulic jack.....	J. W. Nelson.....	874,698	Dec. 24	4902	1030	131	2053
Hydraulic jack.....	J. W. Nelson.....	874,699	Dec. 24	4907	1031	131	2054
Hydraulic jack.....	J. W. Nelson.....	874,700	Dec. 24	4910	1031	131	2054
Hydraulic motor.....	J. Schaeffer.....	851,255	Apr. 23	5097	072-3	127	2994
Hydraulic motor.....	G. W. Davies.....	853,774	May 14	2839	584	128	764
Hydraulic motor.....	G. B. French.....	856,858	June 11	2762	574	128	2426
Hydraulic motor.....	W. R. Tuttle.....	857,501	June 18	4000	851	128	2778
Hydraulic motor.....	G. M. Lynch.....	859,396	July 9	1682	448	129	598
Hydraulic motor.....	T. P. Bullard.....	865,078	Sept. 3	496	137	130	150
Hydraulic motor.....	F. W. O'Brien.....	865,796	Sept. 10	1612	457	130	523
Hydraulic motor.....	W. F. Mottier.....	870,379	Nov. 5	818	217	131	269
Hydraulic motor. Reciprocating.....	E. Heldmaier.....	860,660	July 23	3617	991	129	1292
Hydraulic press.....	F. Chailly.....	840,990	Jan. 8	2396	524-5	126	652
Hydraulic press.....	F. H. Hoberg and D. W. Hudson.....	841,150	Jan. 15	2757	602	126	790
Hydraulic press.....	B. Gerdau.....	842,949	Feb. 5	212	48	126	1843
Hydraulic press.....	W. Astfalk.....	860,958	July 23	4077	1117	129	1443
Hydraulic press.....	A. Schwiager.....	861,194	July 23	4436	1216	129	1557
Hydraulic press.....	W. Astfalk.....	871,078	Nov. 12	1912	524	131	648
Hydraulic press multiplier.....	C. Huber.....	841,972	Jan. 22	4369	942	126	1232
Hydraulic pressures on power-houses and similar structures. Means for resisting lateral.....	D. E. Moran and J. W. Doty.....	864,383	Aug. 27	3539	982-4	129	3276
Hydraulic separator.....	J. Curatolo.....	846,649	Mar. 12	1893	416	127	512
Hydraulic transmission device.....	W. C. Schwarz.....	858,109	June 25	5249	1114	128	3125
Hydraulic transmission device.....	V. C. Shank.....	872,203	Nov. 26	4330	1034-5	131	1094
Hydrocarbon-burner.....	J. N. Blain and O. H. Smith.....	840,292	Jan. 1	1006	220	126	270
Hydrocarbon-burner.....	E. Spencer.....	840,591	Jan. 8	1632	358	126	461
Hydrocarbon-burner.....	J. J. Richardson.....	844,537	Feb. 19	3390	730	126	2711
Hydrocarbon-burner.....	L. Uhrig and R. A. Staben.....	849,289	Apr. 2	1342	271	127	1930
Hydrocarbon-burner.....	J. McCarron and A. Duffy, Jr.....	850,440	Apr. 16	3508	734	127	2558
Hydrocarbon-burner.....	D. D. Walker.....	856,747	June 11	2574	529	128	2381
Hydrocarbon-burner.....	T. Muehleisen.....	857,652	June 25	4291	906	128	2882
Hydrocarbon-burner.....	B. Clarke.....	859,434	July 9	1732	461-2	129	615
Hydrocarbon-burner.....	B. Clarke.....	860,191	July 16	2879	786-7	129	1016
Hydrocarbon-burner.....	B. Clarke.....	860,192	July 16	2881	787	129	1016
Hydrocarbon-burner.....	A. W. Gearhart.....	860,460	July 16	3294	900	129	1153
Hydrocarbon-burner.....	J. B. Edwards and B. R. Hicks.....	861,444	July 30	4874	1336	129	1730
Hydrocarbon-burner.....	T. F. Kent.....	862,173	Aug. 6	101	27	129	2116
Hydrocarbon-burner.....	W. Landes.....	863,854	Aug. 20	2744	755	129	3004
Hydrocarbon-burner.....	I. F. Zimmerman.....	864,589	Aug. 27	3898	1082	129	3391
Hydrocarbon-burner.....	J. L. Seagondollar and W. A. Winans.....	867,425	Oct. 1	296	87	130	1406
Hydrocarbon-burner.....	J. Gogel.....	868,034	Oct. 15	1369	383	130	1774
Hydrocarbon-burner.....	H. Hemp.....	868,457	Oct. 15	1954	545	130	1950
Hydrocarbon-burner.....	W. H. Wilhelmy.....	868,955	Oct. 22	2755	760	130	2228
Hydrocarbon-burner.....	H. P. Glazier.....	871,992	Nov. 26	3905	942	131	1024
Hydrocarbon-burner.....	A. I. Carmine and R. L. Goble.....	872,988	Dec. 3	1393	293	131	1387
Hydrocarbon-burner for furnaces.....	B. L. Worthen.....	871,656	Nov. 19	3153	781-2	131	882
Hydrocarbon-burner system.....	B. F. Jackson.....	857,808	June 25	4614	978	128	2964
Hydrocarbon-burning apparatus.....	L. K. Leahy.....	845,241	Feb. 26	5011	1065	126	3154
Hydrocarbon derivatives. Preparation of water-soluble.....	F. Boleg.....	850,898	Apr. 23	4412	.....	127	2827
Hydrocarbon-engine.....	E. Hudson.....	864,844	Sept. 3	130	35	130	41
Hydrocarbon-engine.....	J. Brons and N. Timmer.....	868,839	Oct. 22	2580	712	130	2173
Hydrocarbon-motor.....	A. A. Low.....	855,191	May 28	5696	1186	128	1551
Hydrocarbon-motor.....	A. A. Low.....	868,281	Oct. 15	1663	470	130	1865
Hydrocarbon-motor.....	E. E. Winkley and F. V. Hart.....	858,844	July 2	842	219-20	129	291
Hydrocarbon-motor.....	A. A. Low and A. Wassmann.....	868,608	Oct. 15	2209	614	130	2034
Hydrocarbon-motor.....	E. Koch.....	871,707	Nov. 19	3236	801	131	898
Hydrocarbons. Emulsifying and solidification of.....	W. Van der Heyden.....	857,425	June 18	3845	.....	128	2738
Hydrogen from water-gas. Producing.....	A. Frank.....	873,853	Dec. 17	3174	.....	131	1745
Hydrogen. Generating.....	C. Ellis and B. E. Eldred.....	854,157	May 21	3640	753	128	998
Hydrogen peroxid. Producing.....	R. Wolfenstein.....	870,148	Nov. 5	425	.....	131	140
Hydrometer testing-jar.....	F. Storm.....	873,629	Dec. 10	2703	571	131	1635
Hydropneumatic engine.....	L. W. Eggleston.....	861,580	July 30	5068	1391	129	1794
Hydroscope.....	G. Pino.....	849,570	Apr. 9	1898	388	127	2108
Hydrosulfite mixture and making same. Stable.....	W. Majert.....	861,218	July 23	4471	.....	129	1569
Hydrosulfite mixture. Stable dry.....	A. Rinckenberger.....	869,655	Oct. 29	3866	.....	130	2597
Hydrosulfite preparation and making same. Stable.....	G. Engi.....	872,114	Nov. 26	4155	.....	131	1064
Hydrosulfites. Production of stable dry.....	M. Bazlen.....	861,014	July 23	4177	.....	129	1473
Hygienic cartridge-battery.....	W. Thompson and J. C. Martin.....	869,599	Oct. 29	3780	1134	130	2572
Hygrometer.....	G. L. Warnken.....	872,593	Dec. 3	581	121	131	1257
Hygrometer for humidifying and air-moistening apparatus.....	S. W. Cramer.....	871,163	Nov. 19	2114	567	131	720
Hygrometer for regulating humidifying and heating systems.....	S. W. Cramer.....	856,944	June 11	2916	611	128	2463
Hygrometer for regulating humidifying and heating systems.....	S. W. Cramer. (Reissue).....	12,727	Dec. 3	1443	300-1	131	1392
Hypodermic-needle cleaner.....	G. T. Barr.....	859,724	July 9	2170	586	129	755
Ice and sleet cutting contact-shoes.....	R. Fullerton.....	867,358	Oct. 1	205	58-9	130	1375
Ice-box.....	G. E. Lovell.....	850,663	Apr. 16	3951	825	127	2672
Ice-box attachment.....	W. W. Stevenson.....	867,317	Oct. 1	134	40	130	1354
Ice-breaking machine. Rotary.....	G. M. Mills.....	850,093	Apr. 9	2834	593	127	2341
Ice-cracker.....	H. Wild.....	861,415	July 30	4823	1323	129	1717
Ice-cracker.....	C. Harrington and P. M. Thorn.....	863,390	Aug. 13	2055	555	129	2758
Ice-cream can.....	J. J. Snigo.....	863,559	Aug. 13	2290	626	129	2827

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Ice-cream dipper.....	T. M. Aiken and J. E. Harmon.....	841,097	Jan. 15	2639	582	126	765
Ice-cream dipper.....	N. W. Kline.....	845,421	Feb. 26	5374	1140	126	3242
Ice-cream dipper.....	T. S. Smith.....	866,079	Sept. 17	2081	580	130	710
Ice-cream freezer.....	L. Sturges.....	840,171	Jan. 1	768	168	126	208
Ice-cream freezer.....	A. F. Schmand.....	845,667	Feb. 26	5852	1236	126	3360
Ice-cream freezer.....	H. Vielt.....	847,853	Mar. 19	4306	944	127	1141
Ice-cream freezer.....	F. Tyson.....	855,364	May 28	5996	1252	128	1628
Ice-cream freezer.....	W. M. Milburn.....	856,648	June 11	2386	491	128	2332
Ice-cream freezer.....	H. J. Gerner.....	859,876	July 9	2400	652	129	828
Ice-cream freezer.....	G. B. Fellows and W. W. Wade.....	861,448	July 30	4878	1337	129	1731
Ice-cream freezer.....	H. J. Gerner.....	864,091	Aug. 20	3087	852	129	3108
Ice-cream freezer.....	T. J. Fegley.....	864,632	Aug. 27	3965	1100	129	3411
Ice-cream freezer and churn.....	I. T. Babbitt.....	872,636	Dec. 3	669	139	131	1273
Ice-cream-freezer can.....	T. J. Fegley.....	864,631	Aug. 27	3964	1100	129	3411
Ice-cream freezer. Continuous.....	H. J. Gerner.....	863,980	Aug. 20	2929	806-7	129	3060
Ice-cream freezers. Scraper attachment for.....	W. B. McFadden.....	861,305	July 30	4624	1264	129	1654
Ice-cream refrigerator.....	J. J. Lane.....	861,525	July 30	4974	1367	129	1762
Ice-cream scraper.....	C. H. Bradbury.....	853,493	May 14	2265	470	128	615
Ice-cream scraper.....	W. Ross.....	870,996	Nov. 12	1804	491	131	614
Ice-cream server.....	W. R. Cameron.....	869,879	Nov. 5	12	4	131	6
Ice-cream spoon.....	D. H. Mosteller.....	864,550	Aug. 27	3837	1063	129	3372
Ice-creeper.....	O. A. Norlund.....	856,089	June 4	1215	257	128	2000
Ice-creeper.....	J. I. Holderbaum.....	866,467	Sept. 17	2637	737	130	888
Ice-crusher.....	O. T. Larkin.....	844,146	Feb. 12	2546	546	126	2462
Ice-cutter. Steam.....	H. P. Josewski.....	856,348	June 11	1783	371	128	2178
Ice-cutting and cleaning machine for electric railways. Third-rail.....	G. A. Spice.....	861,617	July 30	5129	1408	129	1812
Ice-cutting machine.....	E. F. Evans.....	846,292	Mar. 5	1134	248	127	287
Ice-cutting machine.....	W. H. Craghead.....	854,631	May 21	4516	943	128	1222
Ice-cutting machine.....	D. A. Dorsey and A. R. Mitchell.....	856,040	June 4	1138	239	128	1982
Ice-cutting machine.....	H. Wulff.....	871,978	Nov. 26	3863	934-5	131	1020
Ice-door.....	R. E. Jones.....	849,687	Apr. 9	2106	433	127	2159
Ice-elevator. Automatic.....	W. H. Lynch.....	875,544	Dec. 31	6586	1376	131	2349
Ice from ice-cans. Apparatus for thawing.....	T. G. Nicewarner.....	861,477	July 30	4915	1349	129	1744
Ice from rails. Device for removing.....	J. W. Blacksten.....	860,438	July 16	3259	891	129	1140
Ice from trolley-wires. Means for removing.....	C. E. Atkinson.....	860,072	July 16	2718	740	129	964
Ice-machine.....	W. W. Tobey and F. Freeman.....	873,189	Dec. 10	1845	386	131	1489
Ice machinery.....	T. Shipley.....	868,495	Oct. 15	2006	560-1	130	1967
Ice-making apparatus.....	D. J. Havenstrite.....	842,147	Jan. 22	4731	1011-12	126	1319
Ice-making apparatus.....	B. F. Daly.....	847,737	Mar. 19	4062	887	127	1083
Ice-making machine.....	J. Souther.....	849,864	Apr. 9	2446	500	127	2246
Ice-making machine.....	J. B. Johnston.....	861,730	July 30	5289	1455	129	1858
Ice. Making sanitary carbonated.....	A. Schröder.....	850,607	Apr. 16	3824	.....	127	2638
Ice-making system.....	G. L. Vail.....	842,360	Jan. 29	5197	1103-4	126	1750
Ice manufacture. Freezing-machine for.....	D. L. Holden.....	865,040	Sept. 3	437	117	130	134
Ice-pick.....	B. A. Grasberger.....	846,843	Mar. 12	2273	498	127	609
Ice-pick.....	P. M. Guiou, F. I. Lucas, and E. M. Metcalf.....	859,880	July 9	2407	654	129	830
Ice-plow.....	G. M. Hoke.....	849,544	Apr. 9	1854	377	127	2096
Ice-producing apparatus.....	D. D. and P. J. Sprague.....	857,841	June 25	4674	991-2	128	2979
Ice-protector.....	H. S. Cleveland.....	862,052	July 30	5763	1601	129	2004
Ice-remover.....	G. P. Ayers.....	847,453	Mar. 19	3479	761-2	127	936
Ice-saw.....	T. M. Butler.....	850,292	Apr. 16	3216	671	127	2481
Ice-saw.....	J. Bayless.....	865,989	Sept. 17	1937	541	130	666
Ice-scraper.....	J. Drees.....	849,108	Apr. 2	1004	203	127	1844
Ice-shaver.....	W. A. Lupton.....	870,446	Nov. 5	913	247	131	299
Ice-tongs.....	W. T. McNabb and F. Enders.....	855,123	May 28	5569	1157	128	1518
Ice-tool.....	G. Lepley.....	846,486	Mar. 12	1544	342	127	422
Ice-washer.....	D. Donahoe.....	864,085	Aug. 20	3078	850	129	3105
Iceing-machine.....	A. W. Copland.....	848,638	Apr. 2	34	8	127	1593
Iceing-preparing machine. Chocolate-identification device.....	P. F. E. Magniez.....	847,019	Mar. 12	2602	570-1	127	690
Identification device for business transactions.....	C. D. Lukens.....	846,586	Mar. 12	1760	388	127	476
Igniter. Electric.....	A. F. Hopkins.....	862,479	Aug. 6	634	171	129	2286
Igniter. Electric.....	J. D. Wilmot.....	845,836	Mar. 5	202	41	127	53
Igniter for explosion-motors. Electric.....	A. D. Wilkinson.....	855,269	May 28	5833	1216	128	1588
Igniter. Magnetic.....	W. Sander.....	853,425	May 14	2124	443	128	578
Igniter. Self.....	C. E. Duryea.....	872,503	Dec. 3	387	81	131	1229
Igniter. Self.....	R. E. Berthold.....	859,728	July 9	2174	588	129	756
Igniter system.....	R. E. Berthold.....	865,755	Sept. 10	1561	440	130	509
Igniter. Time.....	R. Varley.....	865,662	Sept. 10	1409	400	130	459
Igniters. Starting means for incandescent.....	F. C. Reed.....	845,374	Feb. 26	5296	1123	126	3223
Igniting-tape and producing same.....	J. S. Lang.....	860,038	July 16	2664	724	129	947
Ignition device. Combined dynamo-magneto.....	A. T. Herr.....	871,696	Nov. 19	3218	797	131	894
Ignition device. Sparking.....	J. A. Struthers.....	841,599	Jan. 15	3605	783	126	1401
Ignition system.....	C. T. Hildebrandt.....	845,354	Feb. 26	5254	1113	126	3213
Ignition systems. Spark-timing device for.....	R. Varley.....	846,810	Mar. 12	2197	483	127	590
Illuminating apparatus.....	V. G. Apple.....	847,876	Mar. 19	4347	953-4	127	1152
Illumination. Device for effecting.....	N. D. Bishop.....	841,765	Jan. 22	3959	855	126	1038
Illusion apparatus.....	G. F. Kunz.....	863,287	Aug. 13	1907	515	129	2708
Illusion apparatus.....	A. F. Biondi.....	847,725	Mar. 19	4034	882	127	1078
Illusion apparatus.....	F. J. Hafner.....	856,951	June 11	2927	614	128	2465
Illusion apparatus.....	J. R. Lancaster.....	863,407	Aug. 13	2073	559	129	2764
Illusion apparatus.....	F. D. Thomas.....	863,470	Aug. 13	2155	583	129	2787
Illusion device.....	A. F. Biondi.....	847,724	Mar. 19	4032	881-2	127	1077
Illusion device.....	A. K. Massaad.....	873,447	Dec. 10	2335	491	131	1574
Illusory apparatus.....	B. Purpura.....	872,305	Nov. 26	4536	1074-5	131	1126
Imitation tree.....	E. A. Straub.....	843,712	Feb. 12	1741	371	126	2264
Impact and reaction motor.....	C. Comstock.....	843,073	Feb. 5	465	100-1	126	1912
Impact and reaction motor.....	C. Comstock.....	870,867	Nov. 12	1582	435	131	544
Impact-motor. Rotary.....	J. T. Pritchard.....	852,293	Apr. 30	7194	1510-11	127	3555
Impact-wheels. Bucket for.....	W. A. Doble.....	875,161	Dec. 31	5841	1219	131	2228
Impermeable, incombustible, insulating, and acid-proof material.....	U. A. Marga.....	854,367	May 21	4028	.....	128	1103
Impermeable mass. Manufacture of an.....	E. Kolbassieff.....	841,875	Jan. 22	4197	904	126	1119
Implement.....	T. M. Walker.....	862,685	Aug. 6	974	259	129	2383
Implement-handle.....	J. C. Ross.....	869,215	Oct. 22	3136	864	130	2347

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Implement. Handled.....	H. F. Everett.....	840,832	Jan. 8	2076	460	126	572
Implement-holder.....	J. J. Connell.....	853,577	May 14	2426	505	128	656
Implement. Pocket or desk.....	O. Mussinan.....	862,579	Aug. 6	812	216	129	2335
Implement-rack.....	W. H. Smith.....	863,005	Aug. 13	1457	397	129	2569
Impregnating-tanks. Tie-car for.....	T. H. Stagg.....	869,028	Oct. 22	2865	790-1	130	2261
Impregnating-tanks. Tie-car for.....	T. H. Stagg and J. B. Armach.....	869,029	Oct. 22	2865	791	130	2261
Impressions. Machine for making.....	F. H. Richards.....	852,452	May 7	85	18-22	128	25
Incandescent burner for liquid hydrocarbons.....	R. E. Walther.....	855,824	June 4	741	153	128	1882
Incandescent-light attachment.....	W. V. D. Kelley.....	852,121	Apr. 30	6895	1440	127	3480
Incandescent mantle.....	G. J. Seckel.....	875,118	Dec. 31	5762	1201	131	2215
Incandescent mantle. Self-lighting.....	G. Gotty.....	856,578	June 11	2254	463	128	2298
Incandescent-mantle support.....	M. Offenbergl.....	844,957	Feb. 19	4431	947	126	2966
Incandescent mantles. Means for protecting and applying.....	O. Wiederhold.....	841,204	Jan. 15	2839	619	126	811
Incinerating-furnace.....	D. E. Bennett.....	858,561	July 2	333	82-3	129	120
Inclined elevator.....	J. W. Reno.....	859,252	July 9	1450	386	129	522
Incubator.....	W. F. Mikolasek.....	842,899	Feb. 5	111	26-7	126	1818
Incubator.....	N. C. Sprague.....	846,154	Mar. 5	893	188	127	228
Incubator.....	G. E. Littlefield.....	846,325	Mar. 5	1198	264-5	127	303
Incubator.....	L. N. Porter.....	847,507	Mar. 19	3577	786	127	963
Incubator.....	J. L. Cousins.....	850,523	Apr. 16	3668	768	127	2598
Incubator.....	H. W. Axford.....	855,871	June 4	834	173	128	1905
Incubator.....	M. Fanders.....	856,043	June 4	1142	240	128	1982
Incubator.....	W. F. Seyfer.....	862,764	Aug. 6	1095	294-5	129	2418
Incubator.....	J. Homan.....	867,972	Oct. 15	1199	331	130	1721
Incubator.....	A. Musiol.....	868,686	Oct. 22	2346	649	130	2103
Incubator.....	J. W. Nott.....	869,452	Oct. 29	3539	970	130	2498
Incubator.....	S. F. Bihn.....	871,908	Nov. 26	3684	898-9	131	966
Incubator.....	J. E. Chambers.....	873,295	Dec. 10	2040	426-7	131	1523
Incubator.....	O. P. Phillips.....	874,860	Dec. 24	5203	1097	131	2105
Incubator.....	G. L. Scott.....	875,557	Dec. 31	6606	1381	131	2353
Incubator-alarm.....	F. R. Harris.....	840,623	Jan. 8	1694	372	126	478
Incubator alarm attachment.....	C. R. Benedict and J. A. Hutcheson.....	869,409	Oct. 29	3465	952	130	2476
Incubator and brooder. Combination.....	V. Hartnett.....	849,235	Apr. 2	1244	252-3	127	1906
Incubator. Automatic.....	W. F. M. McCarty.....	874,696	Dec. 24	4900	1030	131	2053
Incubator-heater.....	J. W. Whitfield.....	867,457	Oct. 1	345	99	130	1420
Incubator-heaters. Moisture-supplying device for.....	C. Z. Davis.....	851,347	Apr. 23	5292	1100	127	3045
Incubator-heating system.....	J. V. Lindsey.....	848,813	Mar. 26	5222	1140	127	1406
Incubator-regulator support.....	M. M. Johnson.....	854,648	May 21	4549	950	128	1230
Incubators. Automatic ventilation-regulator for.....	A. E. Leavenworth.....	855,107	May 28	5540	1151	128	1512
Incubators. Egg-turner for.....	F. T. Dirksen.....	868,162	Oct. 15	1471	414	130	1806
Incubators. Thermometer attachment for.....	T. W. Bickel.....	863,500	Aug. 13	2213	597	129	2805
Index.....	R. C. Russell.....	869,521	Oct. 29	3643	998-9	130	2529
Index and balance-indicator.....	R. L. Angell.....	864,718	Aug. 27	4102	1139	129	3454
Index. Book.....	W. H. Robertson.....	871,446	Nov. 19	2745	693	131	815
Index. Card.....	J. E. Ralph.....	857,202	June 18	3435	725	128	2636
Index. Card.....	E. Eckart.....	873,305	Dec. 10	2067	432	131	1526
Index-card holder.....	F. Burns.....	869,620	Oct. 29	3815	1044	130	2582
Index. Changeable.....	C. Townsend.....	843,124	Feb. 5	584	124	126	1944
Index clip and label.....	L. M. Morden.....	847,593	Mar. 19	3756	824	127	1010
Index-filing system.....	J. E. Blaine, Jr.....	871,102	Nov. 19	1976	540-1	131	700
Index for recording instruments.....	C. E. Vawter, Jr.....	872,391	Dec. 3	149	28	131	1191
Index-head.....	J. Parker.....	851,831	Apr. 30	6280	1309	127	3326
Index. Ledger.....	D. Johnson.....	847,184	Mar. 12	2921	643	127	767
Index-machine.....	F. H. Schultz and M. H. Berke-meir.....	854,110	May 21	3553	733	128	977
Index or directory.....	H. S. Harde.....	858,340	June 25	5668	1211	128	3235
Index-rod lock. Card.....	P. H. Yawman.....	850,990	Apr. 23	4562	955-6	127	2862
Index system. Card.....	W. M. Stretch.....	867,618	Oct. 8	600	170	130	1516
Index system. Card.....	W. M. Stretch.....	867,930	Oct. 8	1083	307	130	1664
Index-tab cards. Label-holder for.....	J. C. Seyl and D. G. Butts.....	850,324	Apr. 16	3275	683	127	2499
Index. Telephone.....	J. B. Hale.....	864,732	Aug. 27	4124	1145	129	3460
Indexes or the like. Box for card.....	J. S. Nowotny.....	844,039	Feb. 12	2344	502	126	2413
Indexes. Receptacle for card.....	W. Livingstone.....	846,488	Mar. 12	1546	343	127	423
Indexing device. Drawer-contents.....	J. J. Barrow and T. J. King.....	872,042	Nov. 26	4021	964	131	1041
Indexing-machine. Thumb-notch.....	E. Johnson.....	853,087	May 7	1448	303	128	367
Indexing mechanism.....	E. J. Flather.....	874,754	Dec. 24	5010	1056-7	131	2071
Indicating and registering device.....	B. U. Potter.....	861,895	July 30	5545	1530	129	1936
Indicating and registering device.....	J. Runyon.....	872,753	Dec. 3	915	190	131	1312
Indicating device.....	W. A. Hall.....	872,623	Dec. 3	639	134	131	1267
Indicating mechanism.....	J. H. Forsythe.....	848,232	Mar. 26	5032	1100	127	1358
Indicator.....							
See Attendance-indicator.....	Music-indicator.....						
Bottle-indicator.....	Musical-chord indicator.....						
Cash-indicator.....							
Clock-winding indicator.....	Office-indicator.....						
Electric indicator.....	Polarity-indicator.....						
Electrical indicator.....	Pressure-indicator.....						
Engine-indicator.....	Shoal-indicator.....						
Fare-indicator.....	Spark-indicator.....						
Frequency-indicator.....	Speed-indicator.....						
Frequency and volt indicator.....	Station-indicator.....						
Fuse-indicator.....	Street-indicator.....						
Gasolene-indicator.....	Street and station indicator.....						
Gramophone speed-indicator.....							
Hotel-indicator.....	Surface-indicator.....						
Laundry-indicator.....	Synchronism-indicator.....						
Leakage-indicator.....							
Lock-indicator.....	Tank-indicator.....						
Maximum-demand indicator.....	Water-level indicator.....						
Medicine-dose indicator.....	Work-locating indicator.....						
Indicator.....	R. Maconochie.....	841,028	Jan. 8	2483	541	126	676

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Indicator.....	C. Versteeg.....	848,519	Mar. 26	5606	1226	127	1499
Indicator.....	J. E. Brown.....	848,628	Apr. 2	16	4	127	1588
Indicator.....	G. Brown.....	849,456	Apr. 9	1651	334-5	127	2047
Indicator.....	M. J. Lynch.....	850,027	Apr. 9	2700	567	127	2309
Indicator.....	T. B. Rice, Jr.....	852,979	May 7	1252	258	128	318
Indicator.....	H. Wilson.....	853,612	May 14	2506	520	128	677
Indicator.....	W. A. Banister and D. M. Lake.....	857,857	June 25	4703	998	128	2985
Indicator.....	E. L. Kelzer and W. P. Rodgers.....	858,606	July 2	424	110	129	151
Indicator.....	T. Eynon.....	862,889	Aug. 13	1290	350	129	2514
Indicator for railway and other purposes.....	E. M. Vaughan.....	870,599	Nov. 12	1137	311	131	403
Indicator-gage.....	H. A. Reynolds.....	864,861	Sept. 3	157	44	130	49
Indicator-lock.....	H. G. Voight and C. J. Caley.....	866,831	Sept. 24	3188	897	130	1096
Indicator-lock.....	O. Lockett.....	871,126	Nov. 19	2024	551	131	707
Indicator or display apparatus.....	E. A. Allen.....	858,847	July 2	851	221	129	293
Indicator safety device.....	I. L. Kiser and O. M. Prince.....	869,093	Oct. 22	2963	818-19	130	2293
Indigo and making same. Mixed chlorobromo derivatives of.....	G. Engi.....	872,115	Nov. 26	4157	.....	131	1065
Indigo and making same. Monochloromonobromo derivatives of.....	G. Engi.....	872,280	Nov. 26	4485	.....	131	1118
Indigo and making same. Tetrabromo derivative of.....	G. Engi.....	856,776	June 11	2630	.....	128	2395
Indigo and making same. Tribromo derivative of.....	G. Engi.....	856,687	June 11	2459	.....	128	2351
Indigo coloring-matters. Reducing.....	R. Wimmer.....	843,566	Feb. 5	1475	.....	126	2160
Indigo. Making.....	A. Rahtjen and C. Stephan.....	850,444	Apr. 16	3516	.....	127	2561
Indigo. Making.....	N. Caro.....	860,900	July 23	3984	.....	129	1410
Indigo, &c. Making.....	H. Belart.....	868,755	Oct. 22	2449	.....	130	2133
Induction-coil.....	C. L. Bopp.....	844,240	Feb. 12	2743	585	126	2513
Induction-coil.....	M. W. Brinkmann.....	857,866	June 25	4714	1000-1	128	2988
Induction-coil.....	J. O. Heinze, Jr.....	863,175	Aug. 13	1734	466	129	2636
Induction-coil apparatus.....	E. C. Wilcox.....	867,627	Oct. 8	617	174	130	1523
Induction-coil trembler.....	C. H. Bryant.....	853,001	May 7	1302	211	128	330
Induction-coil unit.....	C. A. Pfanstiehl.....	862,506	Aug. 6	680	184	129	2298
Induction-coils. Apparatus for winding.....	C. A. Pfanstiehl.....	862,935	Aug. 13	1350	369	129	2534
Induction-coils. Contact-breaker for.....	F. B. Griffin.....	857,458	June 18	3904	830	128	2753
Induction-coils. Vibrator adjustment for.....	R. Varley.....	858,688	July 2	568	147	129	197
Induction-motor.....	E. J. Willis.....	843,981	Feb. 12	2239	479-80	126	2389
Induction-motor.....	P. Bunet.....	852,702	May 7	666	130	128	174
Induction-motor.....	H. G. Reist.....	854,760	May 28	4804	998	128	1324
Induction-motor.....	C. P. Steinmetz.....	865,617	Sept. 10	1356	384	130	444
Induction-motor.....	E. F. W. Alexanderson.....	872,550	Dec. 3	495	104-5	131	1244
Induction-motor.....	B. A. Behrend.....	872,708	Dec. 3	823	171	131	1296
Induction-motor and generator.....	R. D. Mershon.....	853,465	May 14	2202	458	128	599
Inertia-governor.....	H. Lentz and W. Volt.....	874,214	Dec. 17	3926	827-8	131	1862
Infant-protector.....	T. D. Avara.....	855,551	June 4	210	41	128	1750
Infolding-machine.....	G. J. Dormandy.....	841,675	Jan. 22	3770	818-20	126	1081
Ingot-extractor. Electric.....	H. Aiken.....	862,371	Aug. 6	431	117-18	129	2221
Ingot-heating furnace. Water-sealed continuous.....	W. R. Miller.....	849,909	Apr. 9	2521	521	127	2266
Ingot-manipulator.....	J. Kennedy.....	865,047	Sept. 3	444	120	130	136
Ingot-mold.....	F. McMahon.....	855,655	June 4	399	84	128	1796
Ingot-stripper.....	C. L. Taylor.....	842,266	Jan. 29	4991	1066	126	1417
Ingot stripper and charger. Combined.....	J. C. Cronwell and H. W. Lash.....	865,240	Sept. 3	727	207-8	130	219
Ingot-stripping mechanism.....	G. W. Shem and H. W. Israel.....	867,311	Oct. 1	123	37-8	130	1351
Inhaler.....	Y. Q. Caldwell.....	844,097	Feb. 12	2450	524	126	2438
Inhaler.....	M. Green.....	844,449	Feb. 19	3186	688	126	2662
Inhaler.....	G. A. Thiede.....	848,579	Mar. 26	5722	1252	127	1529
Inhaler.....	A. B. Allen.....	853,431	May 14	2130	444-5	128	574
Inhaler.....	A. C. Clark.....	853,439	May 14	2150	448	128	585
Inhaler.....	C. H. Coles.....	853,626	May 14	2537	527	128	685
Inhaler.....	J. W. Horner.....	860,476	July 16	3316	908	129	1160
Inhaler.....	J. H. McCulloch.....	867,827	Oct. 8	921	263	130	1614
Inhaling apparatus.....	F. E. Maggini.....	858,736	July 2	648	171	129	224
Injection apparatus. Rectal.....	C. E. Quimby.....	862,507	Aug. 6	681	184	129	2299
Injector.....	W. T. Strain.....	851,041	Apr. 23	4663	980	127	2889
Injector.....	W. H. Winks.....	855,421	May 28	6099	1274	128	1681
Injector.....	S. L. Kneass.....	857,882	June 25	4737	1006	128	2993
Injector-burner.....	S. L. Kneass.....	862,078	July 30	5830	1617	129	2026
Injector. Hypodermic.....	J. A. Wiggs, Jr.....	864,398	Aug. 27	3559	939	129	3282
Ink and making same. Printing.....	D. S. Reese.....	858,025	June 25	5069	1073	128	3072
Ink-feeding mechanism.....	E. Klein.....	841,156	Jan. 15	2764	.....	126	797
Ink-pad.....	C. Williams.....	856,121	June 4	1280	269-70	128	2016
Ink-pad.....	S. D. Ruth.....	845,125	Feb. 26	4780	1015	126	3099
Ink pigments. Production of printing.....	A. B. Chandler.....	848,724	Apr. 2	207	42	127	1640
Ink-receptacle.....	P. Fireman.....	857,044	June 18	3123	659	128	2556
Ink-saving adjustment.....	W. E. Radtke.....	858,669	July 2	539	138-9	129	186
Ink-well.....	F. C. Johnson.....	849,685	Apr. 9	2104	433	127	2158
Ink-well.....	G. J. Sengbusch.....	841,345	Jan. 15	3136	677	126	887
Ink-well.....	J. Schlapp.....	843,367	Feb. 5	1071	221	126	2061
Ink-well.....	D. A. Valentine.....	846,168	Mar. 5	913	193	127	232
Ink-well.....	J. B. Randolph.....	846,615	Mar. 12	1830	402	127	495
Ink-well.....	J. B. Randolph.....	847,603	Mar. 19	3773	827	127	1014
Ink-well.....	J. W. Jacobus.....	850,478	Apr. 16	3583	748	127	2576
Ink-well.....	J. W. Jacobus.....	850,479	Apr. 16	3584	749	127	2576
Ink-well.....	L. D. St Clair.....	854,542	May 21	4353	901	128	1145
Ink-well.....	H. Malick.....	856,077	June 4	1196	254	128	1995
Ink-well.....	J. B. Randolph.....	860,825	July 23	3855	1057	129	1369
Ink-well.....	J. Heissenberger.....	861,840	July 30	5471	1509	129	1914
Ink-well.....	S. G. Baldwin.....	864,061	Aug. 20	3045	841	129	3095
Ink-well.....	J. B. Sciozzafava.....	864,389	Aug. 27	3547	986	129	3278
Ink-well.....	C. Jackson.....	865,782	Sept. 10	1597	452	130	518
Ink-well.....	B. Kovacic.....	866,486	Sept. 17	2' 61	744	130	895
Ink-well.....	F. J. Stulp.....	866,824	Sept. 24	3183	894-5	130	1093
Ink-well.....	F. Resderk.....	872,973	Dec. 3	1368	288	131	1382
Ink-well.....	A. J. Bluntach.....	873,983	Dec. 17	3407	726	131	1786
Ink-well.....	H. G. Campbell.....	875,148	Dec. 31	5817	1214	131	2224
Ink well or stand.....	W. E. Pitcock.....	844,830	Feb. 19	4210	878	126	2911
Inker.....	C. R. Spicer.....	854,674	May 21	4602	960	128	1284
Inking apparatus.....	R. T. Johnston.....	875,079	Dec. 31	5685	1186	131	2202
Inking mechanism.....	H. F. Bechman.....	853,753	May 14	2806	576	128	756

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Inking-pad.....	S. D. Ruth.....	872,754	Dec. 3	917	191	131	1312
Inkstand.....	J. A. Irving.....	846,206	Mar. 5	985	210	127	250
Inkstand.....	C. H. Numan.....	849,419	Apr. 9	1588	322	127	2029
Inkstand.....	F. M. Ashley.....	853,213	May 14	1714	355	128	468
Inkstand.....	T. H. Newman.....	855,124	May 28	5570	1157	128	1525
Inkstand.....	E. T. Darke.....	862,313	Aug. 6	346	95	129	2191
Inkstand.....	L. C. Ferrell.....	862,327	Aug. 6	364	100	129	2197
Inkstand.....	N. Spanick.....	864,113	Aug. 20	3123	864	129	3120
Inkstand. Automatic.....	N. W. Brown.....	862,863	Aug. 6	1251	338	129	2466
Inkstand construction.....	E. Davis.....	850,468	Apr. 16	3556	745	127	2570
Innersole.....	H. Cohen.....	873,722	Dec. 17	2903	616	131	1700
Innersole.....	B. Nathan.....	873,775	Dec. 17	2996	636	131	1717
Innersole-filler.....	A. Thoma.....	861,555	July 30	5031	129	1783	
Innersole-finishing apparatus.....	G. E. Rollins.....	843,035	Feb. 5	393	86	126	1892
Innersole for boots and shoes.....	F. O. Brown.....	858,368	July 2	13	5	129	6
Innersole for shoes.....	J. Belanger.....	856,387	June 11	1889	389	128	2208
Innersole-making machine.....	A. Thoma.....	843,975	Feb. 12	2229	477	126	2386
Innersoles and the like. Applying reinforcing fabric to.....	A. Thoma.....	853,326	May 14	1958	405	128	513
Inseam-trimmer.....	H. Lyon.....	866,150	Sept. 17	2179	607	130	742
Insect-catching tape. Receptacle for.....	S. V. Kay.....	865,596	Sept. 10	1312	372	130	427
Insect-cremator.....	S. F. Snyder.....	875,221	Dec. 31	5962	1242	131	2248
Insect-destroyer.....	R. Fyle.....	861,963	July 30	5650	1567	129	1969
Insect-exterminator.....	J. Sullivan.....	841,905	Jan. 22	4254	916	126	1204
Insect-trap.....	Q. R. Jones.....	841,531	Jan. 15	3485	752	126	978
Insect-trap.....	W. C. Pike.....	842,244	Jan. 29	4945	1055	126	1405
Insect-trap.....	G. Dittmann.....	844,503	Feb. 19	3298	711	126	2690
Insect-trap.....	N. W. Mills, I. F. Monell, and N. R. Herivel.....	844,951	Feb. 19	4422	945	126	2963
Insect-trap.....	C. W. Pelton.....	848,125	Mar. 26	4858	1061	127	1313
Insect-trap.....	J. W. Stodders.....	852,637	May 7	530	100	128	139
Insect-trap.....	F. Neville.....	853,315	May 14	1937	400	128	530
Insect-trap.....	F. S. Welch.....	859,636	July 9	2031	548	129	711
Insect-trap.....	B. J. Mattingly.....	860,491	July 16	3332	913	129	1166
Insect-trap.....	J. A. Dietz.....	862,617	Aug. 6	870	232	129	2355
Insect-trap.....	M. C. Harlan.....	868,180	Oct. 15	1496	423	130	1812
Insect-trap.....	M. E. Gropp.....	868,778	Oct. 22	2484	685	130	2145
Insect-trap.....	J. E. De Haas.....	869,556	Oct. 29	3712	1016-17	130	2552
Insect-trap.....	J. W. Spurrer.....	871,305	Nov. 19	2428	628	131	768
Insect-trap and tree-guard.....	A. E. Horton.....	864,539	Aug. 27	3821	1059	129	3368
Insects, &c. Device for preserving.....	E. S. Munroe.....	862,270	Aug. 6	267	77	129	2165
Insects from plants. Machine for removing.....	P. E. Larson.....	862,743	Aug. 6	1068	287-8	129	2410
Insole.....	H. H. Roosa.....	859,113	July 2	1224	330	129	413
Insole.....	C. L. Eaton.....	861,360	July 30	4723	1290	129	1687
Insole.....	C. S. Smith.....	862,353	Aug. 6	398	110	129	2208
Insole.....	H. H. Roosa.....	871,891	Nov. 26	3656	891	131	991
Insole. Electric.....	H. O. Can Dee.....	843,441	Feb. 5	1187	249	126	2088
Insole for boots and shoes.....	M. Brock.....	861,497	July 30	4939	1357	129	1751
Insole for shoes. Spring-.....	C. J. Cotter.....	855,163	May 28	5641	1173	128	1538
Insole for use in the manufacture of boots and shoes.....	A. E. Johnson.....	849,245	Apr. 2	1263	256	127	1911
Insole-making machine.....	C. L. Eaton.....	861,361	July 30	4725	1290-1	129	1687
Insole-slashing machine.....	W. C. Stewart.....	871,967	Nov. 26	3827	927-8	131	1015
Instep-support.....	F. N. McKinnon.....	873,677	Dec. 10	2779	589	131	1651
Instep-support or arch-prop.....	J. Sandler.....	852,625	May 7	501	93	128	132
Instruments in adjusted positions. Device for maintaining.....	A. Maul.....	863,035	Aug. 13	1501	407	129	2582
Insulated coil.....	C. F. Peterson.....	873,780	Dec. 17	3006	638	131	1719
Insulated coupling.....	S. N. Shields.....	851,446	Apr. 23	5477	1146	127	3092
Insulated crossover for electric railways.....	E. E. Gilmore.....	842,781	Jan. 29	6130	1293	126	1707
Insulated electric conductor.....	O. T. Hungerford.....	854,218	May 21	3763	779	128	1032
Insulated electric wires. Branch box for.....	M. Havens, Jr. (Reissue).....	12,640	Apr. 23	5869	1226-7	127	3186
Insulated joint.....	F. E. Kinsman.....	869,788	Oct. 29	4066	1122	130	2656
Insulated metal cross-tie.....	A. C. Dinkey.....	868,651	Oct. 22	2280	631	130	2081
Insulated rail-joint.....	G. W. Whiteman.....	845,496	Feb. 26	5527	1171	126	3280
Insulated rail-joint.....	G. W. Whiteman.....	845,497	Feb. 26	5529	1172	126	3281
Insulated rail-joint.....	W. F. Bossert.....	846,901	Mar. 12	2390	525	127	637
Insulated rail-joint.....	G. L. Hall.....	847,937	Mar. 19	4486	983-4	127	1184
Insulated rail-joint.....	B. Wolhaupter.....	868,384	Oct. 15	1836	516-17	130	1914
Insulated rail-joint.....	B. Wolhaupter.....	868,517	Oct. 15	2041	574	130	1977
Insulated rail-joint.....	B. Wolhaupter.....	868,518	Oct. 15	2044	574-5	130	1978
Insulated rail-joint.....	B. Wolhaupter.....	868,519	Oct. 15	2046	575	130	1978
Insulated rail-joint.....	B. Wolhaupter.....	868,520	Oct. 15	2048	575-6	130	1979
Insulated rail-joint.....	J. H. Brothers.....	873,492	Dec. 10	2427	510-11	131	1589
Insulated rail-joint.....	B. Wolhaupter.....	873,821	Dec. 17	3086	658	131	1732
Insulated rail-joint.....	A. Morrison.....	875,204	Dec. 31	5926	1236	131	2243
Insulated wires. Means of testing.....	N. A. Wolcott.....	856,012	June 4	1095	227	128	1970
Insulating board or slab.....	G. Kelly.....	870,368	Nov. 5	801	131	262	
Insulating bodies. Manufacturing heat.....	H. J. Wade.....	852,688	May 7	643	123	128	168
Insulating-clamp.....	T. B. Lee.....	848,473	Mar. 26	5520	1203	127	1479
Insulating compound and making same. Oil-proof electrical.....	J. T. Kessler, Jr.....	846,477	Mar. 12	1526	127	417	
Insulating-conduit for electric wires.....	A. P. Hinsky.....	864,167	Aug. 27	3216	890	129	3175
Insulating-coupling.....	G. F. Dreher.....	865,483	Sept. 10	1130	320	130	371
Insulating-coupling.....	A. W. Berresford.....	869,410	Oct. 29	3466	952	130	2476
Insulating covering or sheathing for contact-rail conductors.....	W. H. Baker.....	856,385	June 11	1884	388	128	2207
Insulating covering or sheathing for contact-rail conductors.....	W. H. Baker.....	873,705	Dec. 17	2849	606	131	1694
Insulating device.....	L. Steinberger.....	853,743	May 14	2783	572	128	749
Insulating device.....	G. E. Wood.....	871,155	Nov. 19	2098	563	131	717
Insulating end post for rail-joint circuits.....	W. E. Karns.....	874,206	Dec. 17	3914	824	131	1859
Insulating-fixture.....	L. Steinberger.....	871,002	Nov. 12	1811	494	131	616
Insulating handle connection.....	J. H. Gault.....	841,138	Jan. 15	2728	595	126	783
Insulating lacquer and material.....	P. Boërche.....	842,615	Jan. 29	5758	126	1617	
Insulating-machine.....	H. D. Saylor.....	865,612	Sept. 10	1345	381-2	130	440
Insulating material.....	C. M. Clarke.....	842,526	Jan. 29	5574	1179	126	1572

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Insulating material and manufacturing same.	G. Kelly.	844,139	Feb. 12	2535	544	126	2459
Insulating material and manufacturing same.	R. Müller.	869,321	Oct. 29	3328		130	2432
Insulating material and manufacturing same.	G. Kelly.	844,140	Feb. 12	2537		126	2459
Insulating material and producing the same.	C. L. Norton.	865,606	Sept. 10	1337		130	437
Insulating material for electrical purposes. Production of	J. Meyenberg.	848,117	Mar. 26	4843		127	1309
Insulating materials. Manufacture of heat-	E. Luttgen.	845,365	Feb. 26	5269	1117	126	3217
Insulating-ring and bracket.	F. B. Cook.	842,301	Jan. 29	5065	1080	126	1436
Insulating saddle-staple.	W. T. H. Taylor, W. J. Jenks, and R. N. Dyer.	843,916	Feb. 12	2131	455	126	2361
Insulating-sockets. Apparatus for manufacturing.	E. Haefely.	858,386	July 2	33	11	129	13
Insulating-strain.	L. Steinberger.	859,703	July 9	2141	578	129	745
Insulating-stud and making the same.	E. W. Mix.	855,471	June 4	56	13	128	1708
Insulating the interior sides of hollow bodies.	O. Kosztovits.	844,369	Feb. 19	3032	647	126	2624
Insulating-tubes. Machine for making.	E. Haefely.	858,451	July 2	132	35	129	44
Insulating-tubes. Machine for manufacturing.	E. Haefely.	858,383	July 2	28	10	129	10
Insulating-tubes. Making.	E. Haefely.	858,385	July 2	32	10	129	12
Insulating-tubes. Manufacture of.	E. Haefely.	858,384	July 2	30	10	129	11
Insulating wire and other electrical conductors. Electrically	A. D. Whipple.	855,081	May 28	5485		128	1500
Insulating wire-holder.	A. Hatchett.	844,796	Feb. 19	4149	884	126	2896
Insulation for commutators.	M. Meirowsky.	842,571	Jan. 29	5656	1196	126	1591
Insulation for high-voltage electric conductors. System of	F. M. Locke.	872,569	Dec. 3	532	111	131	1249
Insulation. Fuse-box of molded.	A. C. Savage.	854,846	May 28	4975	1035	128	1369
Insulation of electric wires and cables.	F. M. Chaplet.	861,950	July 30	5633	1561	129	1965
Insulation to electric conductors. Apparatus for applying	L. W. Downes.	861,097	July 23	4289	1177	129	1509
Insulation to electrical conductors. Apparatus for applying	L. W. Downes.	861,021	July 23	4188	1147-8	129	1476
Insulator.	A. Johnson.	840,336	Jan. 1	1098	239	126	293
Insulator.	W. G. Clark.	842,941	Feb. 5	197	45	126	1839
Insulator.	W. G. Clark.	843,259	Feb. 5	871	177	126	2015
Insulator.	A. Goldstein.	849,606	Apr. 9	1968	403	127	2124
Insulator.	S. Feuerstein.	849,731	Apr. 9	2179	449	127	2177
Insulator.	C. Griffith.	849,896	Apr. 9	2502	516	127	2261
Insulator.	H. Stotz.	851,705	Apr. 30	6024	1259	127	3257
Insulator.	F. M. Locke.	852,730	May 7	716	140	128	188
Insulator.	H. D. Stauffer.	854,315	May 21	3936	813	128	1079
Insulator.	H. Sinclair.	855,208	May 28	5727	1192	128	1559
Insulator.	C. L. Peirce, Jr.	856,488	June 11	2074	427	128	2254
Insulator.	C. L. Peirce, Jr.	856,801	June 11	2667	550	128	2404
Insulator.	A. A. Pratt.	862,758	Aug. 6	1090	293	129	2417
Insulator.	R. E. Henderson and J. N. King.	865,697	Sept. 10	1466	414	130	477
Insulator.	W. A. Morton.	866,596	Sept. 17	2822	791	130	944
Insulator.	J. C. Barclay.	867,901	Oct. 8	1046	297	130	1652
Insulator.	W. J. Devine.	869,163	Oct. 22	3063	845	130	2324
Insulator.	D. M. Bass.	869,873	Nov. 5	5	1	131	4
Insulator.	H. D. Bodley.	872,216	Nov. 26	4364	1039	131	1098
Insulator.	F. C. Scherer and H. C. Fashbaugh.	872,756	Dec. 3	920	191	131	1312
Insulator.	A. S. Deem.	872,993	Dec. 3	1408	295	131	1389
Insulator.	A. L. Shears.	874,445	Dec. 24	4386	923	131	1970
Insulator and protector for electric conductors.	T. C. Copping.	874,834	Dec. 24	5151	1085	131	2097
Insulator and support for electric lines.	T. Varney.	861,063	July 23	4244	1163	129	1492
Insulator-clamp.	W. G. Clark.	843,258	Feb. 5	869	176	126	2015
Insulator-clamp.	W. G. Clark.	851,222	Apr. 23	5032	1059	127	2979
Insulator. Clamp.	G. Pollock and W. E. Werd.	869,018	Oct. 22	2848	785	130	2257
Insulator. Electric.	F. A. Feigert.	843,739	Feb. 12	1787	381	126	2276
Insulator. Electric.	F. J. Poinan.	868,122	Oct. 15	1426	400	130	1791
Insulator for electric lines. Strain-	T. Varney.	861,149	July 23	4366	1198	129	1535
Insulator for electric wires.	C. Gallagher.	861,275	July 30	4587	1253	129	1644
Insulator for leading-in cables, &c.	L. Steinberger.	844,208	Feb. 12	2677	573	126	2496
Insulator for tension-guys.	A. E. Brown.	847,546	Mar. 19	3656	806	127	984
Insulator. High-potential.	L. Steinberger.	855,355	May 28	5981	1248-9	128	1624
Insulator. High-tension.	L. Steinberger.	853,744	May 14	2785	572	128	749
Insulator-pin.	W. S. Lee, Jr.	855,253	May 28	5809	1210	128	1581
Insulator-pin.	L. Steinberger.	855,261	May 28	5819	1213	128	1584
Insulator-pin and support therefor.	L. Steinberger.	848,506	Mar. 26	5583	1220	127	1492
Insulator-pin-making machine.	C. M. Mallory and J. M. Slaughter.	868,575	Oct. 15	2131	595-7	130	2007
Insulator-pin mounting.	J. D. E. Duncan.	871,490	Nov. 19	2836	714	131	830
Insulator. Spiral-core.	L. Steinberger.	855,262	May 28	5821	1213	128	1585
Insulator. Strain.	T. Varney and C. Aalborg.	861,064	July 23	4245	1163	129	1493
Insulator. Strain.	C. Aalborg.	861,071	July 23	4253	1166	129	1496
Insulator. Strain.	H. P. Davis.	861,094	July 23	4286	1177	129	1507
Insulator. Strain.	A. Anderson.	869,403	Oct. 29	3455	949	130	2473
Insulator. Strain.	A. Anderson.	869,404	Oct. 29	3456	949	130	2473
Insulator-support.	W. Steiner.	862,211	Aug. 6	167	47	129	2136
Insulator. Telegraph and telephone.	J. A. Cooper.	868,530	Oct. 15	2069	580	130	1986
Insulator. Third-rail.	R. N. Redmayne.	843,844	Feb. 12	1983	425	126	2324
Insulator-tie for electric wires.	J. W. and W. R. Beckett.	864,599	Aug. 27	3918	1087	129	3397
Insulator. Wall.	F. N. Locke.	870,187	Nov. 5	488	133	131	160
Insulator. Wire.	W. G. Clark.	842,942	Feb. 5	199	45	126	1839
Insulators. Making.	L. McCarthy.	843,352	Feb. 5	1044	215	126	2053
Insurance system.	E. G. Adams.	853,852	May 14	2999	616	128	801
Interlocking mechanism.	A. J. Gillespie.	860,600	July 16	3504	964	129	1222
Internal-combustion engine.	F. Wackenhuth.	841,830	Jan. 22	4104	883	126	1169
Internal-combustion engine.	W. Dieter.	842,182	Jan. 29	4818	1028-9	126	1375
Internal-combustion engine.	W. B. Burchall.	842,844	Jan. 29	6250	1320	126	1736
Internal-combustion engine.	H. A. Stuart.	845,140	Feb. 26	4812	1021	126	3104
Internal-combustion engine.	H. G. Underwood.	846,070	Mar. 5	724	151-2	127	185
Internal-combustion engine.	H. G. Underwood.	846,434	Mar. 5	1443	320-1	127	364
Internal-combustion engine.	F. A. Haselwander.	848,029	Mar. 26	4699	1024-5	127	1274
Internal-combustion engine.	D. Roberts.	853,422	May 14	2120	442	128	576
Internal-combustion engine.	P. Metzler.	855,115	May 28	5551	1153	128	1515
Internal-combustion engine.	F. Morey.	855,256	May 28	5812	1211	128	1582

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Internal-combustion engine.....	A. R. Bellamy.....	855,611	June 4	325	66	128	1777
Internal-combustion engine.....	E. H. Micklewood and H. Whid- bourne.....	856,790	June 11	2648	545	128	2399
Internal-combustion engine.....	W. Morey, Jr.....	857,410	June 18	3814	809	128	2731
Internal-combustion engine.....	A. B. Goodspeed.....	857,730	June 25	4454	940-1	128	2924
Internal-combustion engine.....	T. W. Hendry.....	859,383	July 9	1667	443-4	129	593
Internal-combustion engine.....	F. Lamplough.....	859,501	July 9	1824	491	129	644
Internal-combustion engine.....	E. Crowe.....	859,746	July 9	2198	595	129	765
Internal-combustion engine.....	J. Gunther.....	859,940	July 16	2500	679	129	891
Internal-combustion engine.....	C. W. Weiss.....	861,411	July 30	4815	1321	129	1715
Internal-combustion engine.....	E. S. Smith.....	861,614	July 30	5123	1406-7	129	1810
Internal-combustion engine.....	J. Croft.....	861,711	July 30	5264	1447-8	129	1851
Internal-combustion engine.....	H. A. W. Drechsler.....	864,086	Aug. 20	3079	850	129	3105
Internal-combustion engine.....	H. G. Wood.....	864,584	Aug. 27	3892	1080	129	3389
Internal-combustion engine.....	C. Brizzolara.....	865,009	Sept. 3	388	105	130	122
Internal-combustion engine.....	C. J. Mundhenk.....	865,202	Sept. 3	667	190	130	202
Internal-combustion engine.....	C. R. Daellenbach.....	866,002	Sept. 17	1954	545	130	671
Internal-combustion engine.....	A. Rollason.....	866,069	Sept. 17	2066	576	130	706
Internal-combustion engine.....	P. F. Thomas.....	866,538	Sept. 17	2733	764-5	130	916
Internal-combustion engine.....	O. Podhajský.....	867,075	Sept. 24	3567	1010	130	1212
Internal-combustion engine.....	C. H. T. Alston.....	867,777	Oct. 8	831	238	130	1588
Internal-combustion engine.....	A. Rollason.....	868,017	Oct. 15	1270	352	130	1744
Internal-combustion engine.....	N. Macbeth.....	868,202	Oct. 15	1535	435-7	130	1824
Internal-combustion engine.....	H. Dock.....	868,765	Oct. 22	2462	681	130	2137
Internal-combustion engine.....	O. Roberts.....	869,021	Oct. 22	2853	787-8	130	2258
Internal-combustion engine.....	J. F. Duryea.....	869,887	Nov. 5	22	6	131	9
Internal-combustion engine.....	A. J. Frith.....	870,720	Nov. 12	1345	367	131	473
Internal-combustion engine.....	T. S. James and T. H. Wilson.....	870,966	Nov. 12	1761	480-1	131	601
Internal-combustion engine.....	A. Rollason.....	871,632	Nov. 19	3114	772	131	875
Internal-combustion engine.....	L. T. Gibbs.....	872,336	Dec. 3	34	7	131	1174
Internal-combustion engine.....	A. Campbell.....	872,497	Dec. 3	380	79	131	1227
Internal-combustion engine.....	F. Moser.....	872,571	Dec. 3	547	112-13	131	1250
Internal-combustion engine.....	A. M. Brown.....	873,493	Dec. 10	2430	511	131	1590
Internal-combustion engine.....	H. S. Anderson.....	873,650	Dec. 10	2734	579	131	1642
Internal-combustion engine.....	E. H. Clift.....	873,840	Dec. 17	3147	671	131	1739
Internal-combustion engine.....	F. Lyst.....	873,952	Dec. 17	3349	713	131	1775
Internal-combustion engine.....	B. A. Slocum.....	873,963	Dec. 17	3365	717	131	1779
Internal-combustion engine.....	O. H. Shroyer.....	874,122	Dec. 17	3745	788	131	1830
Internal-combustion engine.....	G. J. Altham.....	874,920	Dec. 31	5369	1123	131	2151
Internal-combustion engine. Multiple-piston.....	C. E. Van Auken.....	871,539	Nov. 19	2946	735	131	846
Internal-combustion engine of the turbine type.....	H. F. Fullagar and J. F. Bot- tomley.....	866,352	Sept. 17	2486	694	130	840
Internal-combustion motor.....	J. Treen.....	844,836	Feb. 19	4220	900-2	126	2913
Internal-combustion motor.....	S. M. Howell and F. W. Green.....	861,728	July 30	5283	1454	129	1857
Internal-combustion motor.....	B. L. Toquet.....	865,135	Sept. 3	566	159	130	171
Interrupter.....	W. Kaissling.....	874,511	Dec. 24	4541	954	131	1991
Interrupter apparatus.....	R. H. Wappler.....	863,955	Aug. 20	2895	797	129	3050
Intestine-cleaner.....	W. F. Duncker.....	846,406	Mar. 5	1367	300-1	127	347
Intrenching-tool.....	G. B. Rodney.....	843,179	Feb. 5	702	146	126	1970
Intrenching-tool.....	G. F. Elliott.....	856,575	June 11	2249	462-3	128	2296
Invalid-chair. Folding.....	G. H. Storm.....	865,541	Sept. 10	1233	351	130	403
Invalid-handling device.....	W. M. Mason.....	852,280	Apr. 30	7172	1505	127	3550
Invalid-lifter.....	G. E. Olsen and O. J. Johnson.....	873,076	Dec. 10	1628	339	131	1453
Invalid-lifting apparatus.....	W. B. Closson.....	850,624	Apr. 16	3871	809	127	2649
Invalid-rest.....	G. F. Rauch.....	858,908	July 2	935	244	129	321
Invalids or the like. Device for handling, lifting, or supporting.....	T. A. Martin.....	841,702	Jan. 22	3832	833	126	1098
Iodin preparation. Organic.....	E. Fischer.....	842,140	Jan. 22	4712	-----	126	1315
Iodin preparation. Organic.....	E. Fischer.....	858,446	July 2	127	-----	129	43
Iron: See Buggy-iron.....	Sad-iron.....						
Chafe-iron.....	Self-heating iron.....						
Chair-iron.....	Sleeve-iron.....						
Cooking-iron.....	Shaft and thill iron.....						
Curling-iron.....	Soldering-iron.....						
Flat-iron.....	Tongue-iron.....						
Laundry-iron.....	Treeing-iron.....						
Marcel-waving iron.....	Wafer-iron.....						
Press or sad iron.....	Waffle-iron.....						
Puffing-iron.....							
Iron and residues. Treating detinned.....	C. E. Acker.....	856,753	June 11	2583	-----	128	2383
Iron and steel. Producing pig-.....	S. McDonald.....	859,572	July 9	1943	524	129	682
Iron and steel. Treatment of.....	H. Luckenbach.....	843,569	Feb. 5	1480	312	126	2161
Iron. Bending cast.....	B. S. Cowles.....	857,983	June 25	4981	1053	128	3057
Iron castings into steel or malleable iron. Converting.....	M. A. Hunter.....	846,031	Mar. 5	634	-----	127	163
Iron. Flux for.....	J. Davies.....	858,582	July 2	369	-----	129	131
Iron from its ores. Extracting.....	C. G. P. de Laval.....	861,593	July 30	5085	1395	129	1799
Iron from metallic sulfids. Making.....	R. H. Aiken.....	873,648	Dec. 10	2732	-----	131	1642
Iron from tin-plate scrap. Detinning and recovering merchantable.....	E. A. Sperry.....	872,092	Nov. 26	4114	984-5	131	1057
Iron-holder.....	M. Agneessens.....	850,713	Apr. 16	4045	846	127	2693
Iron. Manufacture of articles from cast-.....	A. E. Outerbridge, Jr.....	842,906	Feb. 5	123	-----	126	1820
Iron or steel direct from ore. Apparatus for produc- ing wrought.....	J. A. Potter.....	874,537	Dec. 24	4591	963-4	131	2000
Iron or steel for preventing oxidation or rusting. Treatment of.....	T. W. Coslett.....	870,937	Nov. 12	1713	-----	131	585
Iron or steel. Manufacturing wrought.....	J. A. Potter.....	874,536	Dec. 24	4589	963	131	2000
Iron or steel. Treating.....	F. M. Beckett.....	858,326	June 25	5628	-----	128	3221
Iron ores. Agglomerating pulverulent.....	W. Schumacher.....	862,666	Aug. 6	943	-----	129	2375
Iron. Oxid of.....	C. Wülfing.....	868,385	Oct. 15	1840	-----	130	1914
Iron oxids. Reducing.....	H. W. Lash.....	856,351	June 11	1812	-----	128	2189
Iron oxids. Reducing.....	H. W. Lash.....	860,922	July 23	4015	-----	129	1421
Iron. Purifying.....	J. Misko.....	868,610	Oct. 15	2211	-----	130	2035
Iron-refining material and preparing the same.....	H. W. Lash.....	864,972	Sept. 3	335	-----	130	107
Iron-shaping machine.....	C. E. and O. M. Knutsen.....	841,327	Jan. 15	3098	670	126	877

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Iron-shaping machine. Wrought-	C. E. Knutsen	841,326	Jan. 15	3096	669	126	876
Iron straightener. Cold-	J. D. Keith and W. E. Faulkner	853,513	May 14	2308	478	128	626
Iron structure.	E. B. Repp	864,557	Aug. 27	3847	1066	129	3377
Ironing and shaping machine. Collar	A. T. Cox	861,240	July 23	4508	1234	129	1581
Ironing apparatus	J. W. Pharroh	856,802	June 11	2668	550	128	2404
Ironing-board	L. C. Krans	843,400	Feb. 5	1115	233	126	2071
Ironing-board	M. L. Henlein	845,352	Feb. 26	5245	1112	126	3211
Ironing-board	E. W. Harris, W. Bremer, and N. Rasmussen	846,105	Mar. 5	794	166	127	203
Ironing-board	E. C. Riedel	846,696	Mar. 12	1968	433	127	530
Ironing-board	L. Smith	847,705	Mar. 19	4001	875	127	1070
Ironing-board	D. Block	852,373	Apr. 30	7348	1543	127	3593
Ironing-board	A. G. Hoerner	852,787	May 7	842	169	128	216
Ironing-board	W. Pickford and E. Derr	856,490	June 11	2077	427	128	2254
Ironing-board	W. J. Kelly and P. J. Germain	856,962	June 11	2956	619-20	128	2474
Ironing-board	J. Elliott	858,375	July 2	20	7	129	8
Ironing-board	G. W. Forney	860,022	July 16	2643	717	129	939
Ironing-board	E. W. Roe	862,941	Aug. 13	1366	372	129	2539
Ironing-board	E. H. Busch and O. R. Purcell	863,150	Aug. 13	1698	457	129	2644
Ironing-board	O. Moore	866,210	Sept. 17	2261	631	130	631
Ironing-board	S. J. Kling	869,184	Oct. 22	3092	852	130	2333
Ironing-board	J. G. Shepard	872,854	Dec. 3	1133	239	131	1344
Ironing-board	F. C. Geiger	874,323	Dec. 17	4151	873	131	1898
Ironing-board and step-ladder. Combined	O. H. Jacobson	866,366	Sept. 17	2505	698-9	130	767
Ironing-board and washbench. Combined	A. Schedin	853,998	May 21	3313	682	128	919
Ironing-board chair	M. J. Herbert	862,970	Aug. 13	1405	382	129	2552
Ironing-board, chest, and table. Combined	L. W. Miller	866,153	Sept. 17	2183	608-9	130	846
Ironing-board. Folding	J. C. Culbertson	864,617	Aug. 27	3948	1096	129	3405
Ironing device	M. Sunshine	846,066	Mar. 5	716	149	127	183
Ironing fold-collars. Machine for	L. R. Heim	865,977	Sept. 10	1918	537-8	130	743
Ironing-machine	G. F. Glazer	844,016	Feb. 12	2303	493	126	2403
Ironing-machine	W. E. Andree	846,890	Mar. 12	2369	520-1	127	633
Ironing-machine	S. J. Tobiasz	850,608	Apr. 16	3826	798-9	127	2638
Ironing-machine	L. Rosenbaum	854,109	May 21	3552	733	128	976
Ironing-machine	H. G. Grosse and W. French	859,290	July 9	1508	403	129	540
Ironing-machine	H. P. Becker	861,630	July 30	5146	1412	129	1818
Ironing-machine	J. M. Lockhart	864,851	Sept. 3	140	38-9	130	44
Ironing-machine	W. Bartholomew	865,753	Sept. 10	1557	439	130	507
Ironing-machine	W. E. Andree	868,960	Oct. 22	2762	762	130	2230
Ironing-machine	A. R. Gustafson	872,123	Nov. 26	4174	997-8	131	1067
Ironing machine. Shirt-	W. Thurber	847,622	Mar. 19	3835	839	127	1029
Ironing-machines. Bosom-board for	W. E. Andree	868,960	Oct. 22	2760	762	130	2230
Ironing or bosom board	W. Thurber	846,433	Mar. 5	1441	320	127	364
Ironing-pad	J. E. Church	863,507	Aug. 13	2221	600	129	2808
Ironing raw-starched material.	L. Hoffmann	862,477	Aug. 6	627	168	129	2284
Ironing-stand	H. E. Cole	866,259	Sept. 17	2332	650	130	790
Ironing-table	C. F. Carlson	841,120	Jan. 15	2693	588	126	773
Ironing-table	A. L. Miller	844,732	Feb. 19	4015	855	126	2859
Ironing-table	J. E. Ratcliff	850,966	Apr. 23	4526	947	127	2853
Ironing-table	W. C. Love	856,890	June 11	2820	588	128	2441
Ironing-table	W. H. Tieborne	857,422	June 18	3840	815	128	2737
Ironing-table	A. E. French	858,969	July 2	1036	272-3	129	354
Ironing-table	C. Zimmerman	861,154	July 23	4371	1199	129	1536
Ironing-table	W. S. Glover	864,462	Aug. 27	3666	1019	129	3321
Ironing-table	G. Foster	865,637	Sept. 10	1378	391	130	450
Ironing-table	H. N. Holcomb	866,135	Sept. 17	2156	599-600	130	734
Ironing-table	V. A. White	867,088	Sept. 24	3590	1018	130	1218
Ironing-table	J. Garret	867,816	Oct. 8	906	257	130	1610
Ironing-table. Folding	A. M. Springer	868,500	Oct. 15	2012	562	130	1968
Irrigating-pipe	W. Connolly	872,904	Dec. 3	1236	263	131	1360
Irrigation-gate	W. L. Vestal	840,811	Jan. 8	2041	452	126	564
Irrigator. Automatic	R. C. Schroedter	849,505	Apr. 9	1785	361-2	127	2078
Isinglass. Packing	A. L. Canfield	843,325	Feb. 5	1000	206	126	2042
Jack:							
See Bootjack.	Loading-jack.						
Car-jack.	Logging-jack.						
Engine-house smoke-jack.	Pipe-coupling jack.						
Floor-jack.	Pump-jack.						
Hoisting-jack.	Pumping-jack.						
Hop-jack.	Scaffold-jack.						
Hydraulic jack.	Timber-jack.						
Lamp-jack.	Valve-jack.						
Lever-jack.	Vehicle-jack.						
Lifting-jack.	Wagon-jack.						
Lifting and moving jack.	Well-jack.						
Window-jack.							
Jack	W. Umstead	848,516	Mar. 26	5600	1224	127	1497
Jack	J. Humphreys	849,788	Apr. 9	2290	471	127	2206
Jack	J. H. Pearson	851,313	Apr. 23	5224	1095-6	127	3028
Jack	D. A. and C. W. Blake	862,129	Aug. 6	13	4	129	2084
Jack	E. J. Carberry	862,609	Aug. 6	858	230	129	2350
Jack	J. I. Brown	871,083	Nov. 12	1927	528	131	652
Jack and brace. Combination	J. L. Potter	867,531	Oct. 1	459	132	130	1457
Jack and restoring-drop. Combined	E. J. Grenier	865,379	Sept. 10	962	276	130	320
Jack or lifting device	I. J. Lagasse and N. Normand	873,248	Dec. 10	1946	407	131	1507
Jack-switch. Sliding	G. F. Espy	847,750	Mar. 19	4090	893	127	1089
Jacket	J. H. Mark	848,669	Apr. 2	96	21	127	1610
Jacket-can	B. H. Kannenberg	859,300	July 9	1520	407	129	545
Jacquard card-wire	L. Diefenbach	872,910	Dec. 3	1246	265	131	1362
Jacquard-cards. Piano-machine head for punching	J. Royle, Jr.	842,496	Jan. 29	5510	1166-8	126	1559
Jacquard-machine	D. Lawlor	866,660	Sept. 24	2925	827	130	1006
Jail-bar and similar composite metal object	F. E. Canda	847,551	Mar. 19	3664	809	127	987
Jail-cell	J. B. Smith	858,309	June 25	5601	1198	128	3213
Japanning apparatus. Automatic	D. F. Broderick	863,147	Aug. 13	1692	454-5	129	2642

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Jar:							
See Battery-jar.	Paste-jar.						
Fruit-jar.	Preserving-jar.						
Hydrometer-testing-jar.							
Jar and can closure. Fruit-	F. C. Warren and W. H. Preston.	847,976	Mar. 19	4569	1004	127	1203
Jar and drinking-fountain. Combined.	J. J. Droseskey.	865,024	Sept. 3	415	110	130	128
Jar-cap.	E. J. Smith. (Reissue).	12,701	Oct. 8	1096	309	130	1667
Jar-closure.	W. J. Rust.	846,760	Mar. 12	2094	459	127	563
Jar-closure.	W. E. Bostwick.	847,640	Mar. 19	3868	845	127	1037
Jar-closure.	J. R. Shearman.	860,338	July 16	3106	848	129	1091
Jar-closure.	D. Knowlton.	870,239	Nov. 5	577	155	131	189
Jar-closure clamp.	J. Kunkel.	865,187	Sept. 3	646	182	130	196
Jar-cover. Metallic.	J. P. Lyon.	860,982	July 23	4123	1129	129	1456
Jar-holder.	H. Borneman.	854,686	May 21	4624	964	128	1249
Jar-holder.	T. E. Mulroyan.	864,103	Aug. 20	3108	859	129	3115
Jar holder. Fruit-	A. F. Horner.	858,393	July 2	43	13	129	16
Jar opener.	E. F. Ives.	864,378	Aug. 27	3533	980	129	3274
Jar opener and closer.	W. H. Pheasant.	845,118	Feb. 26	4776	1013	126	3095
Jar opener, tightener, and presser. Combination fruit-	W. Abel, Jr.	871,197	Nov. 19	2181	580	131	731
Jar or bottle closure.	A. M. Craig.	855,503	June 4	117	24	128	1723
Jar or other vessel for containing gaseous liquids and the like.	N. Wrightson and W. Brown.	867,462	Oct. 1	351	101	130	1421
Jar-wrench.	W. H. Macy and J. H. Wilbur.	852,234	Apr. 30	7096	1484	127	3532
Jar wrench. Fruit-	J. L. De Steiger.	846,016	Mar. 5	610	126	127	157
Jars, bottles, and like receptacles. Closure for.	M. D. Converse.	855,695	June 4	480	100	128	1819
Jars, bottles, and like receptacles. Closure for.	M. D. Converse.	867,705	Oct. 8	722	202	130	1554
Jars, bottles, and like receptacles. Closure for.	M. D. Converse.	873,989	Dec. 17	3416	728	131	1787
Jars, cans, bottles, &c. Cover or cap for.	W. H. Dodge.	856,230	June 11	1512	318	128	2109
Jars. Vacuum-vent for.	E. U. Kinsey.	866,938	Sept. 24	3350	947	130	1145
Jardinière.	B. C. Feist.	866,449	Sept. 17	2614	729	130	882
Jaw-crusher.	M. G. Bunnell.	845,028	Feb. 19	4581	975	126	3003
Jaw wrench. Sliding.	J. Morton.	853,369	May 14	2035	421	128	554
Jewel-mounting.	A. A. Boismaure.	852,922	May 7	1138	235	128	290
Jewel-mounting.	A. A. Boismaure.	858,057	June 25	5145	1089	128	3098
Jewel-mounting.	H. W. Fishel.	860,204	July 16	2898	792	129	1021
Jewel setter. Pallet-	L. H. Miller.	865,925	Sept. 10	1829	512	130	601
Jeweler's tray.	D. Goldsmith.	862,729	Aug. 6	1041	280	129	2403
Jewelry-box.	A. W. Farrington.	864,088	Aug. 20	3084	851	129	3107
Jewelry-clasp.	G. Godley.	874,957	Dec. 31	5453	1140	131	2162
Jewelry-holder.	M. Jersemann.	843,678	Feb. 12	1679	356	126	2248
Jig-button.	H. S. Plant.	861,891	July 30	5539	1529	129	1935
Joiner's clamp.	A. Krüger.	848,036	Mar. 26	4712	1027	127	1277
Joining device.	H. Pohlmann.	873,599	Dec. 10	2653	558	131	1626
Joint:							
See Bed-rail joint.	Pipe-joint.						
Bedstead-joint.	Pipe tension-joint.						
Bedstead side-rail joint.	Pivot-joint.						
Boiler-tube joint.	Plumbing-joint.						
Bracelet-joint.	Rail-joint.						
Bucket-joint.	Rail and other like joint.						
Cable-joint.	Railway-joint.						
Column-joint.	Railway-rail joint.						
Crank-joint.	Riveted joint.						
Electrical contact-joint.	Roof-joint.						
Electrode-joint.	Shaft-joint.						
Expansion-joint.	Sheet-metal-vessel joint.						
Flexible joint.	Stair-rail joint.						
Fluid-joint.	Steam-joint.						
Frame-joint.	Stovepipe-joint.						
Insulated joint.	Umbrella pivot-joint.						
Insulated rail-joint.	Universal joint.						
Knuckle-joint.	Water-closet floor-joint.						
Pin-joint.							
Joint.	A. Farkas and J. Kieffer.	856,777	June 11	2631	540	128	2395
Joint casing. Universal-	F. H. Bogart.	867,551	Oct. 1	491	141	130	1466
Joint-clamp.	H. Stuttle.	863,887	Aug. 20	2800	769	129	3022
Joint-former.	R. M. Corcoran. (Reissue).	12,703	Oct. 22	3145	868	130	2349
Joint in thin flat material. Making a	A. F. Rietzel.	870,847	Nov. 12	1552	426-7	131	535
Joint-marking tool.	J. B. Colburn.	855,044	May 28	5388	1120	128	1475
Joint-mold.	T. Hogan.	865,897	Sept. 10	1788	499	130	590
Joint-plate.	L. W. Kershaw.	852,276	Apr. 30	7166	1503-4	127	3548
Joint-tightening device.	G. Dalén.	858,859	July 2	870	226-7	129	299
Joining-machine.	P. J. Joecken.	857,071	June 18	3183	670	128	2574
Joining or uniting wooden parts.	J. A. Wilkinson.	843,650	Feb. 12	1636	347	126	2238
Joist-hanger.	J. Tuteur.	858,838	July 2	834	216	129	288
Joist-hanger.	W. F. Lindow.	874,514	Dec. 24	4548	955	131	1992
Joke-box.	G. E. Ames.	871,252	Nov. 19	2301	602	131	749
Journal-bearing.	G. T. Reiss.	850,399	Apr. 16	3429	718	127	2538
Journal-bearing.	J. W. Packer.	855,903	June 4	902	187	128	1922
Journal-bearing.	F. Kiefl.	864,097	Aug. 20	3099	856	129	3113
Journal-bearing.	C. Skidmore.	864,705	Aug. 27	4081	1134	129	3447
Journal-bearing.	F. E. Harden.	865,245	Sept. 3	731	209	130	220
Journal-bearing.	F. H. Howard.	865,899	Sept. 10	1794	500	130	591
Journal-bearing.	S. H. Jones.	866,035	Sept. 17	2008	560	130	687
Journal-bearing.	W. J. Francke.	871,265	Nov. 19	2328	607	131	751
Journal-bearing and making same.	D. H. Stewart.	857,845	June 25	4683	993	128	2981
Journal-bearing for car and other axles.	J. E. Muhlfeld.	866,154	Sept. 17	2185	609	130	743
Journal-bearing for centrifugal machines.	S. C. Anker-Holth.	853,911	May 14	3134	641	128	834
Journal-bearing. Railway.	G. H. Clamer and C. F. Hopkins.	846,397	Mar. 5	1353	297	127	342
Journal-box.	H. Bensch.	844,088	Feb. 12	2431	520	126	2432
Journal-box.	S. Murphy.	844,887	Feb. 19	4320	921	126	2938
Journal-box.	G. W. Heird and G. W. Brownawell.	845,548	Feb. 26	5620	1190	126	3304
Journal-box.	G. A. Woodman.	847,301	Mar. 12	3146	692	127	824

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Journal-box	M. P. Newcomb	847,992	Mar. 19	4603	1009	127	1211
Journal-box	W. H. Sheasby	849,274	Apr. 2	1312	266	127	1922
Journal-box	W. Stevenson	851,324	Apr. 23	5247	1100	127	3035
Journal-box	J. Pearson	852,032	Apr. 30	6733	1400	127	3440
Journal-box	W. W. Neighbour	853,026	May 7	1348	280	128	342
Journal-box	P. D. Schenck	853,476	May 14	2226	464	128	604
Journal-box	F. Hachmann	855,400	May 28	6053	1265	128	1642
Journal-box	P. J. Harrigan	856,059	June 4	1168	246	128	1988
Journal-box	S. H. Campbell	857,597	June 25	4188	886	128	2855
Journal-box	G. A. Woodman	858,553	July 2	324	80	129	117
Journal-box	S. S. Conant	860,281	July 16	3014	825	129	1061
Journal-box	A. Byrd	862,880	Aug. 13	1276	346	129	2510
Journal-box	S. Hicks	867,823	Oct. 8	913	259	130	1612
Journal-box	J. S. Patten	870,121	Nov. 5	386	107	131	129
Journal-box	S. and S. J. Reynolds	870,587	Nov. 12	1115	305	131	394
Journal-box	A. Thomas	872,695	Dec. 3	790	164-5	131	1293
Journal-box, Adjustable	F. E. Buxton	875,788	June 25	4571	967	128	2954
Journal-box and lid	S. J. Johnson	842,152	Jan. 22	4741	1013	126	1322
Journal-box and lid	A. O. Buckius, Jr.	851,063	Apr. 23	4704	989-90	127	2896
Journal-box and lid	C. G. Hawley	852,952	May 7	1193	245-6	128	303
Journal-box and lid	C. G. Hawley	855,947	June 4	974	203	128	1939
Journal-box and lid	C. G. Hawley	864,738	Aug. 27	4130	1147	129	3461
Journal-box and lid	F. C. Sorensen	869,663	Oct. 29	3875	1061	130	2600
Journal-box, Car	A. V. Peppard	850,047	Apr. 9	2737	574	127	2319
Journal-box cover	E. G. Kinberg	853,460	May 14	2192	456	128	596
Journal-box cover	H. H. Kryger	857,243	June 18	3498	739	128	2652
Journal-box for railway-cars, Pressed-steel	C. H. Cochran	845,726	Feb. 26	5068	1261	126	3390
Journal-box for railway-cars, Pressed-steel	C. H. Cochran, (Reissue)	12,646	May 7	1697	351-2	128	427
Journal-box for railway-cars, Pressed-steel	W. H. Shinn	860,254	July 16	2979	813-14	129	1049
Journal-box lid	A. Lipschutz	845,800	Mar. 5	133	25	127	37
Journal-box lid	L. Y. Williams and F. B. Harrison	851,850	Apr. 30	6322	1319	127	3337
Journal-box lid	T. H. Symington	855,362	May 28	5993	1251	128	1627
Journal-box lid	J. S. Patten	858,208	June 25	5428	1158	128	3170
Journal-box lid	J. W. Stephenson	863,560	Aug. 13	2291	626-7	129	2828
Journal-box lid	A. Wissler	865,070	Sept. 3	487	134	130	148
Journal-box lid	C. D. Whiting	875,026	Dec. 31	5584	1166	131	2185
Journal-box lid, Car-	L. Y. Williams and F. B. Harrison	847,140	Mar. 12	2830	624	127	745
Journal-box, Locomotive	G. J. Hatz	845,780	Mar. 5	96	19	127	28
Journal-box lubricator	F. B. Harrison and L. Y. Williams	860,131	July 16	2793	762	129	988
Journal-box, Railway	T. H. Symington	855,361	May 28	5992	1251	128	1627
Journal-boxes, Oil-saving device for	C. E. Rood and J. Goettel	841,051	Jan. 8	2525	551	126	686
Journal filer or smoother, Car-	M. F. Bagley	868,064	Oct. 15	1348	377	130	1768
Journal-lubricating device, Car-axle-	F. B. Harrison and L. Y. Williams	839,840	Jan. 1	69	17	126	20
Jug-top	J. F. Harfey	845,946	Mar. 5	452	94	127	116
Junction-box	E. T. Greenfield	852,431	May 7	43	9	128	14
Junction-box	E. T. Greenfield	857,053	June 18	3142	662	128	2563
Junction-box	F. B. Cook	861,813	July 30	5435	1497	129	1902
Junction-box-cover rosette	F. J. Russell	864,995	Sept. 3	367	98	130	116
Junction or connecting box	J. A. McCoy	875,279	Dec. 31	6071	1267	131	2266
Junction or outlet box	L. W. Bossert	854,195	May 21	3724	771	128	1023
Justifying apparatus	E. Wentscher	844,570	Feb. 19	3693	776-7	126	2780
Justifying mechanism	F. B. Converse, Jr.	848,808	Apr. 2	383	77-9	127	1686
Justifying mechanism	F. B. Converse, Jr.	848,809	Apr. 2	394	79-82	127	1688
Justifying mechanism	F. B. Converse, Jr.	848,810	Apr. 2	409	83	127	1691
Justifying mechanism	F. B. Converse, Jr.	872,223	Nov. 26	4379	1042-3	131	1101
Keg for white lead or other heavy materials, Bailed sheet-metal	C. Stollberg	853,382	May 14	2060	426	128	561
Keg-handling mechanism	A. G. Hupfel	871,274	Nov. 19	2345	610-11	131	757
Keg washer, Beer-	G. E. R. Rothenbuecher	869,022	Oct. 22	2856	788-9	130	2258
Kegs or barrels, Apparatus for pitching	G. E. O'Neill	853,516	May 14	2313	479-80	128	627
Kettle	M. E. French	841,681	Jan. 22	3788	824	126	1086
Kettle	A. G. Redwood	843,698	Feb. 12	1715	365	126	2257
Kettle, Cooking-	H. C. Benefiel	871,665	Nov. 19	3166	785	131	885
Kettle-cover	W. Carey	857,329	June 18	3660	775	128	2693
Kettle-cover	A. Seys	850,677	Apr. 16	3980	832	127	2678
Kettle-cover	J. H. Wilson	866,318	Sept. 17	2427	677-8	130	820
Kettle-filler	L. E. Puckett	874,437	Dec. 24	4375	921	131	1968
Kettle for boiling water	J. B. Loynd	874,607	Dec. 24	4721	992	131	2023
Kettle-lid	H. Appleby and A. A. Gardner	845,993	Mar. 5	559	117	127	143
Kettle-lid	H. T. Dunstone	856,453	June 11	2015	414	128	2239
Key	M. J. Trett	874,138	Dec. 17	3772	795	131	1836
See Brake-shoe key.	Shaft-key.						
Clock-key.	Signaling-key.						
Ring and listening key.	Telegraph-key.						
Key	E. A. Strauss	868,948	Oct. 22	2746	758	130	2225
Key-action	M. Miller	851,894	Apr. 30	6397	1335	127	3356
Key-changing device for keyed instruments	J. Ramsperger	844,401	Feb. 19	3098	665	126	2639
Key-fastener	A. H. Puttcamp and L. H. Judson	840,711	Jan. 8	1857	409	126	519
Key-fastener	A. A. Svensen	848,067	Mar. 26	4761	1039	127	1284
Key-filing device	J. D. Bowne	870,218	Nov. 5	547	147	131	179
Key guard and stop	H. M. Benedict	865,855	Sept. 10	1731	482	130	573
Key-holder	H. F. Dietz	867,255	Oct. 1	36	11	130	1327
Key lock, Multiple-	J. Roche	860,940	July 23	4040	1107	129	1428
Key-opening can, Lock-side-seam	C. P. Hurley	859,297	July 9	1516	405	129	543
Key or wedge, Tool-head-attaching	C. H. Booth	857,863	June 25	4711	1000	128	2987
Key-retainer	W. H. Shaw	846,957	Mar. 12	2496	550	127	666
Key-ring	J. V. Reid	855,530	June 4	162	33	128	1735
Key-ring	T. F. Pryor, Jr.	862,197	Aug. 6	140	39	129	2127
Key-ring	J. Lynn	863,297	Aug. 13	1920	519	129	2712
Key-ring	L. M. Morden	870,191	Nov. 5	499	136	131	163
Key-ring	A. H. Merrill	870,636	Nov. 12	1213	328	131	430
Key-ring snap, Safety	A. C. Bindner	845,743	Mar. 5	14	3	127	7
Key-seats or the like, Device for cutting	C. Lindstrom	870,971	Nov. 12	1771	483	131	603

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Key-tag and the way of connecting it to keys.....	J. Goettler.....	861,456	July 30	4889	1340	129	1734
Keys. Machine for duplicating.....	A. F. Bardwell.....	866,418	Sept. 17	2569	717-18	130	866
Keyed instruments. Apparatus for automatically playing.....	F. Stone.....	844,052	Feb. 12	2370	507-8	126	2418
Keyboard.....	F. Kuba.....	860,489	July 16	3330	912	129	1165
Keyboard for type-writing machines and pianofortes.....	J. H. Laudénbach.....	848,471	Mar. 26	5518	1202	127	1140
Keyboard-transmitter.....	J. C. Kunkle.....	856,265	June 11	1584	332	128	2128
Keyhole-guard for locks.....	A. Robbins.....	850,446	Apr. 16	3518	736	127	2561
Keyless lock.....	O. M. Farrand.....	840,054	Jan. 1	524	114	126	139
Keyless lock.....	A. Lochner.....	841,797	Jan. 22	4029	870	126	1149
Keyless lock.....	J. W. Davenport.....	845,931	Mar. 5	423	87	127	989
Keyless lock.....	O. J. Blakesley.....	866,567	Sept. 17	2770	775	130	928
Knick-board.....	W. H. Nicolay.....	851,552	Apr. 23	5686	1191	127	3140
Kiln:							
See Brick-kiln. Drying-kiln.							
Burning-kiln. Gypsum-burning kiln.							
Cement-kiln. Limekiln.							
Charcoal-kiln. Rotary kiln.							
China-kiln. Stack-kiln.							
Decorating-kiln. Tunnel-kiln.							
Dry-kiln.							
Kiln.....	G. Larson.....	841,789	Jan. 22	4013	867-8	126	1145
Kiln.....	P. Chmielewski.....	841,847	Jan. 22	4139	891-2	126	1179
Kiln.....	J. A. Shumaker.....	850,066	Apr. 9	2779	584	127	2327
Kiln.....	G. Wiegmann and C. Dörr.....	857,429	June 18	3850	817-18	128	2739
Kiln fire-box.....	J. F. Slater.....	853,130	May 7	1524	317	128	385
Kindergarten apparatus.....	A. Leitch.....	846,485	Mar. 12	1543	342	127	422
Kinematograph projection apparatus. Arrangement for the centering of the images in.....	E. A. Ivatts.....	857,069	June 18	3177	668	128	2572
Kinematographic apparatus.....	R. T. Haines.....	861,832	July 30	5457	1505	129	1910
Kinetic energy from flowing gases and vapors. Transforming-nozzle for obtaining.....	R. Bergmans.....	868,397	Oct. 15	1864	522	130	1924
Kinetoscope.....	B. H. Keller.....	865,106	Sept. 3	528	146-7	130	160
Kinetoscope.....	F. Spaulding and J. D. Smith.....	867,682	Oct. 8	690	194	130	1544
Kinetoscopes. Independent framing device for.....	J. A. Le Roy.....	864,314	Aug. 27	3437	956	129	3243
Kitchen. Cabinet.....	J. G. Steinkamp.....	866,823	Sept. 24	3182	894	130	1093
Kitchen implement.....	J. F. Dotson.....	844,266	Feb. 12	2813	599	126	2530
Kitchen implement.....	A. C. Powers.....	847,969	Mar. 19	4558	1001	127	1200
Kitchen implement.....	R. H. Meyer.....	849,005	Apr. 2	782	160	127	1786
Kitchen-table.....	E. C. Pitcher.....	860,822	July 23	3852	1056	129	1368
Kitchen utensil.....	A. F. Newton.....	861,603	July 30	5102	1400	129	1805
Kitchen utensil.....	Z. L. Trainham.....	864,046	Aug. 20	3024	835	129	3089
Kitchen utensil.....	J. S. O'Brien.....	868,359	Oct. 15	1804	507	130	1905
Kite.....	H. Lurz.....	859,395	July 9	1682	448	129	597
Knapsack.....	L. M. Norwood.....	850,312	Apr. 16	3258	678	127	2494
Kneading and bailing machine. Dough.....	R. M. Temple.....	860,269	July 16	3000	821	129	1057
Kneading and mixing machine.....	E. F. Wieda.....	844,840	Feb. 19	4234	903	126	2917
Kneading and molding machine. Bread.....	C. and E. J. Kruse.....	841,408	Jan. 15	3257	702	126	917
Kneading and molding machine. Dough.....	G. P. Bailey.....	874,480	Dec. 24	4443	937-8	131	1981
Kneading machine. Dough.....	A. E. Kelly.....	863,722	Aug. 20	2532	699	129	2938
Knee-board and copy-holder.....	E. H. Haas.....	861,722	July 30	5278	1452	129	1855
Knee-brace.....	C. D. Messersmith.....	859,962	July 16	2534	688	129	902
Knee-pad.....	W. R., S. R., and W. H. Chambers.....	857,719	June 25	4428	935	128	2917
Knee-pad. Pneumatic.....	W. Long.....	871,760	Nov. 19	3348	823	131	915
Knee-protector.....	I. D. Larsen.....	858,296	June 25	5578	1192	128	3208
Knee-protector.....	F. W. Owens.....	844,041	Feb. 12	2348	503	126	2413
Knife:							
See Bee-knife. Mower-knife.							
Cane-knife. Pocket-knife.							
Cane stripping and cutting knife. Pruning-knife.							
Clasp-knife. Shearing-knife.							
Corn-knife. Shoemaker's knife.							
Corn and brush knife. Tobacco-knife.							
Farrier's knife. Welt-slitting-machine knife.							
Knife.....	L. E. Jenkins.....	845,792	Mar. 5	112	22	127	32
Knife.....	R. A. Baggett.....	855,378	May 28	6019	1256	128	1635
Knife.....	J. H. Henson.....	870,678	Nov. 12	1276	348	131	448
Knife and fork case.....	E. G. Jackson.....	847,254	Mar. 12	3056	674	127	801
Knife and fork. Combined.....	W. R. Brown.....	870,413	Nov. 5	862	229	131	284
Knife and other cutting blade.....	G. Thuillier.....	864,812	Sept. 3	71	20	130	24
Knife-cleaner.....	J. Brown.....	874,935	Dec. 31	5390	1127	131	2155
Knife-cleaning machine.....	A. L. Johnston.....	859,563	July 9	1927	519	129	677
Knife for rubber-trees and the like. Tapping.....	C. A. Leshner.....	870,299	Nov. 5	669	179	131	219
Knife-gage. Adjustable.....	E. Coleman.....	847,277	Mar. 12	3105	684	127	813
Knife-guard. Rotary.....	B. E. Bechtel and J. Ball.....	872,889	Dec. 3	1203	256-7	131	1355
Knife-handle.....	J. E. Cooper and P. A. Oliver.....	850,420	Apr. 16	3462	725	127	2547
Knife-handle.....	C. D. Harrington.....	857,400	June 18	3796	805	128	2727
Knife-polishing machine.....	G. S. Blakeslee.....	873,011	Dec. 10	1478	307-8	131	1430
Knife-setting gage.....	C. H. West.....	875,479	Dec. 31	6465	1351	131	2329
Knife-shank.....	C. E. Drew.....	845,340	Feb. 26	5217	1107	126	3204
Knife-switch.....	H. P. Ball.....	873,005	Dec. 10	1467	305	131	1428
Knives. Making drawing.....	W. S. Ward.....	847,137	Mar. 12	2824	624	127	744
Knit boot.....	F. G. Eberhart, Jr.....	846,986	Mar. 12	2547	561	127	678
Knit muffler.....	J. H. Way.....	874,465	Dec. 24	4415	930-1	131	1976
Knitted fabric.....	R. W. Scott.....	846,353	Mar. 5	1258	276	127	316
Knitted fabric.....	L. N. D. Williams.....	853,667	May 14	2614	543	128	705
Knitted fabric.....	B. T. Steber.....	865,279	Sept. 3	788	225	130	238
Knitted fabric.....	L. N. D. Williams.....	872,163	Nov. 26	4249	1014	131	1080
Knitted fabric and making same.....	H. Swinglehurst.....	868,822	Oct. 22	2555	704-5	130	2166
Knitted fabric. Rib.....	R. W. Scott.....	869,986	Nov. 5	168	44-6	131	57
Knitted fabric. Ribbed.....	R. W. Scott.....	846,428	Mar. 5	1429	316	127	361
Knitted fabric. Ribbed.....	R. W. Scott.....	846,429	Mar. 5	1430	317	127	361
Knitted undergarment.....	Q. McAdam.....	855,329	May 28	5936	1238	128	1613
Knitted web.....	L. N. D. Williams.....	864,440	Aug. 27	3631	1009	129	3308

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Knitted web. Open-work.	R. W. Scott.	865,660	Sept. 10	1407	399	130	459
Knitting-machine.	F. A. Demers.	840,828	Jan. 8	2068	458-9	126	570
Knitting-machine.	H. C. Aberle.	842,931	Feb. 5	182	41-2	126	1836
Knitting-machine.	J. J. Curry.	847,243	Mar. 12	3038	669-70	127	796
Knitting-machine.	A. Rieffel and E. Ittershagen.	850,786	Apr. 16	4169	873-4	127	2724
Knitting-machine.	J. P. Sheppard.	853,325	May 14	1954	404-5	128	535
Knitting-machine.	L. N. D. Williams.	853,668	May 14	2616	543	128	705
Knitting-machine.	A. V. Groupe.	854,885	May 28	5081	1056-7	128	1397
Knitting-machine.	G. H. Gilbert.	856,860	June 11	2766	574-5	128	2427
Knitting-machine.	L. N. D. Williams and H. Swinglehurst.	864,115	Aug. 20	3125	864-5	129	3120
Knitting-machine bur-wheel support.	A. A. Bailey.	853,394	May 14	2076	431	128	564
Knitting machine. Circular.	L. N. D. Williams and H. Swinglehurst.	864,496	Aug. 27	3716	1035	129	3337
Knitting machine. Circular.	H. A. Klemm.	868,276	Oct. 15	1653	467-8	130	1862
Knitting-machine. Circular independent-needle.	C. A. Santmyers.	857,936	June 25	4662	989-90	128	2976
Knitting-machine. Circular independent-needle.	H. Stoll, Jr.	867,764	Oct. 8	813	229-31	130	1582
Knitting-machine fabric-take-up mechanism.	B. T. Steber.	850,855	Apr. 16	4315	906	127	2761
Knitting machine. Fleece-rib-	R. W. Scott.	849,701	Apr. 9	2128	437-9	127	2165
Knitting-machine needle.	W. S. Elder.	841,678	Jan. 22	3779	820	126	1084
Knitting-machine. Open-work.	K. W. Scott.	846,430	Mar. 5	1431	317-18	127	361
Knitting-machine. Open-work.	R. W. Scott.	846,431	Mar. 5	1436	318-19	127	362
Knitting-machine pattern mechanism.	H. A. Houseman.	874,074	Dec. 17	3665	770	131	1816
Knitting-machine stop-motion. Automatic.	J. B. Rhodes.	853,032	May 7	1362	283	128	346
Knitting-machine striping device.	D. F. Sullivan.	851,042	Apr. 23	4665	980	127	2890
Knitting-machine take-up device.	H. Donner.	858,332	Oct. 15	1753	494-6	130	1890
Knitting machine. Warp.	H. Hill.	870,170	Nov. 5	455	126	131	149
Knitting machine. Wire-fabric.	J. J. Young.	863,482	Aug. 13	2176	588-90	129	2794
Knitting-machine yarn measuring and feeding device.	D. Hurley and W. T. Barratt.	855,316	May 28	5913	1233	128	1608
Knitting-machines. Mechanism for operating special needles in	E. A. Hirner.	860,868	July 23	3924	1076	129	1391
Knitting machines. Needle-bed for straight-frame and circular.	H. A. Klemm.	871,095	Nov. 12	1957	536	131	661
Knitting machines. Sinker-wheel for circular.	W. T. Barratt.	864,354	Aug. 27	3497	972	129	3264
Knitting-machines. Splicing yarn-feed device for	H. A. Houseman.	850,476	Apr. 16	3578	748	127	2575
Knob.	J. Waddell and D. W. Tower.	843,720	Feb. 12	1754	374	126	2268
Knob and bell. Combination door.	G. B. Pickop.	874,621	Dec. 24	4746	998	131	2028
Knob and key fastener. Combined door.	J. T. Foerster.	845,866	Mar. 5	274	55	127	70
Knob attachment.	C. H. Ruel.	872,376	Dec. 3	123	23	131	1186
Knob attachment.	A. A. Page.	840,653	Jan. 8	1738	383	126	489
Knob attachment.	M. Weber.	840,052	Feb. 5	415	90	126	1898
Knob attachment for covers.	M. E. Welch and M. Thorsen.	860,171	July 16	2851	778	129	1008
Knob. Carriage-curtain.	E. J. Weston, Jr.	857,428	June 18	3849	817	128	2739
Knob. Door.	F. A. Neider.	868,111	Oct. 15	1411	396	130	1787
Knob. Kettle-cover.	J. T. Henderson.	863,176	Aug. 13	1736	466	129	2657
Knob-lock.	E. A. Sawyer.	867,842	Oct. 8	936	267	130	1619
Knob lock. Door.	J. A. Hurdle.	842,834	Jan. 29	6222	1314	126	1730
Knob. Permutation door.	E. A. Hine.	868,925	Oct. 22	2709	746	130	2213
Knob. Wiring.	J. C. Lyons.	847,348	Mar. 19	3255	716	127	878
Knobs to bolts. Device for fastening	W. C. Gordon.	845,544	Feb. 26	5612	1188	126	3302
Knobbling-furnace.	D. W. Tower.	841,284	Jan. 15	3001	653	126	850
Knobbling-furnace.	W. F. Westlund.	867,861	Oct. 8	968	277	130	1627
Knockdown box.	W. Sharp.	874,038	Dec. 17	3523	751	131	1803
Knockdown box.	T. Wertz.	852,249	Apr. 30	7120	1490	127	3538
Knockdown box.	F. R. Vernon.	852,812	May 7	899	183	128	229
Knockdown box.	L. E. Reynolds.	865,430	Sept. 10	1040	297	130	345
Knockdown chair.	A. N. Miller.	875,548	Dec. 31	6594	1378	131	2351
Knockdown screen. Adjustable.	R. S. Calef.	864,289	Aug. 27	3402	946	129	3234
Knockdown seat.	J. H. Cornelson.	845,162	Feb. 26	4851	1028-9	126	3114
Knockdown tank.	T. L. Garrison.	861,454	July 30	4886	1340	129	1734
Knotter.	J. C. Hames.	872,813	Dec. 3	1032	217	131	1331
Knuckle-joint.	B. E. Byrd.	870,527	Nov. 5	1025	279	131	330
Kodak-film.	C. H. Arnold.	847,719	Mar. 19	4022	879	127	1075
Label.	J. B. Ketchum.	856,783	June 11	2637	542	128	2396
Label-affixing machine.	G. E. Howard.	841,321	Jan. 15	3083	667	126	872
Label-affixing machine.	G. E. Howard.	861,286	July 30	4602	1257	129	1648
Label and stamp applying machine.	C. H. Booton.	869,545	Oct. 29	3680	1009-10	130	2541
Label-applying machine.	F. E. Taylor.	872,859	Dec. 3	1144	242-3	131	1346
Label gumming or moistening machine.	E. Fidell.	870,619	Nov. 12	1168	318	131	413
Label-packet.	W. W. Bradbury.	860,629	July 23	3571	979-80	129	1278
Label-paster.	A. Von Auw.	872,392	Dec. 3	151	29	131	1192
Label-paster.	G. P. Shiley.	842,348	Jan. 29	5170	1099	126	1464
Label pasting and attaching machine.	G. N. Byl and J. Koehler.	852,219	Apr. 30	7073	1478	127	3526
Label-spreader.	G. N. Byl and J. Koehler.	874,298	Dec. 17	4093	862	131	1890
Labels against the ends of cans. Machine for folding the ends of wrapper.	L. Casper.	866,774	Sept. 24	3107	875	130	1070
Labels and the like to bottles and other articles. Machine for applying.	G. N. Byl and J. Koehler.	846,282	Mar. 5	1118	243	127	283
Labels. Container for rolls of perforated.	J. Ritty.	866,223	Sept. 17	2278	636-7	130	773
Labels. Means for holding and detaching ribbon-strip.	B. W. Tucker.	866,091	Sept. 17	2098	583-5	130	716
Labeling-machine.	C. Grundig.	841,862	Jan. 22	4171	898	126	1187
Labeling-machine.	G. W. Burr and G. H. Davis.	843,579	Feb. 12	1498	318	126	2200
Labeling-machine.	A. Marcus.	841,029	Jan. 8	2484	541	126	676
Labeling-machine.	H. H. Toussaint.	846,878	Mar. 12	2335	514-15	127	625
Labeling-machine.	F. X. Malocsay.	855,715	June 4	513	107-8	128	1826
Labeling-machine.	F. O. Woodland.	859,713	July 9	2152	581-2	129	749
Labeling-machine.	K. Otting.	860,148	July 16	2819	769	129	998
Labeling-machine.	F. W. Wild, Jr.	861,338	July 30	4684	1280	129	1674
Labeling-machine.	W. Rüprich.	864,920	Sept. 3	247	66-7	130	77
Labeling-machine.	W. Rüprich.	864,921	Sept. 3	252	67	130	79
Labeling-machine.	C. W. Kelly.	870,182	Nov. 5	473	130-1	131	155
Labeling-machine.	F. W. Wild, Jr.	871,745	Nov. 19	3315	818	131	910
Labeling-machine.	E. E. L. Boyer.	871,776	Nov. 26	3397	835	131	951
Labeling machine. Bottle.	C. Holland.	841,013	Jan. 8	2444	534-6	126	663
Labeling machine. Bottle.	J. H. Wendt.	868,741	Oct. 22	2433	673-4	130	2128

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Labeling-machine bottle-guide	H. Gates	871,794	Nov. 26	3431	842	131	957
Labeling machine. Box-	G. E. Inman	863,069	Aug. 13	1563	423	129	2602
Labeling machine. Can-	J. H. Kain	874,012	Dec. 17	3462	737-8	131	1794
Lace	F. Creassey	851,404	Apr. 23	5402	1132	127	3074
Lace	T. Anderson	854,619	May 21	4495	937-9	128	1217
Lace and fastener. Shoe-	M. B. Chartes	875,152	Dec. 31	5824	1216	131	2225
Lace-braiding machine	G. H. Blakesley	861,703	July 30	5253	1443	129	1848
Lace holder. Shoe-	H. F. Molkenbur	841,419	Jan. 15	3276	707	126	922
Lace holder. Shoe-	J. P. Olsen	843,485	Feb. 5	1288	270	126	2115
Lace holder. Shoe-	E. Cullen and G. Sjolander	857,448	June 18	3883	825	128	2746
Lace hook. Shoe-	O. H. Eliel	875,570	Dec. 31	6630	1387	131	2358
Lace-machine carriages. Machine for threading and unthreading	F. W. Pare and J. C. Richmond	843,487	Feb. 5	1289	270-1	126	2115
Lace. Shoe-	A. Finkensieper	847,752	Mar. 19	4093	894	127	1090
Lace tip. Shoe-	W. H. Rogers	847,825	Mar. 19	4253	931	127	1127
Lace with metal. Coating	J. A. Daly	844,304	Feb. 12	2888		126	2549
Laces with metal tips. Machine for providing	J. P. Swift	866,314	Sept. 17	2417	674-6	130	817
Lacer. Adjustable	D. A. Ryan and H. J. Wertz	868,131	Oct. 15	1437	404	130	1795
Lacing	H. H. Cummings	851,073	Apr. 23	4717	993	127	2903
Lacing device	R. J. Evans	853,075	May 7	1431	299	128	363
Lacing device. Boot and shoe	M. W. White	872,037	Nov. 26	4006	962	131	1039
Lacing hook	W. A. McIntosh	859,460	July 9	1763	471	129	625
Lacing-hook-setting machine. Automatic	W. P. Bartel and S. E. Taft	855,497	June 4	103	21-2	128	1720
Lacing-hooks. Gage attachment for machines for setting	W. Halkyard	844,591	Feb. 19	3731	784	126	2788
Lacing hooks or studs. Hopper for	M. N. Bray and W. J. Coombs	859,481	July 9	1796	483	129	636
Lacing. Shoe-	F. Thun	852,747	May 7	746	147	128	195
Lacing. Shoe-	A. Caldwell and G. F. Drew	869,346	Oct. 29	3366	926	130	2444
Lacing shoe-uppers. Machine for automatically	W. A. Smith. (Reissue)	12,638	Apr. 23	5860	1224-6	127	3184
Lacing-terminal fastener	F. H. Steinger	851,703	Apr. 30	6021	1258	127	3256
Lacing the uppers of shoes. Machine for	J. S. Paine and E. E. Winkley	855,969	June 4	1017	211-12	128	1951
Lacings. Machine for manufacturing shoe-	W. H. Church	866,916	Sept. 24	3307	933-6	130	1131
Lacings. Machine for manufacturing shoe or similar	W. H. Church	852,103	Apr. 30	6850	1430-2	127	3469
Lacquering endless metal bands. Apparatus for	O. Jaeger	858,870	July 2	881	229	129	303
Lactates. Manufacturing	A. A. Claffin	861,163	July 23	4382		129	1539
Lactose from glucose. Making	J. A. Just	851,673	Apr. 30	5952		127	3239
Ladder	H. W. Pease	840,365	Jan. 1	1171	254	126	310
Ladder	C. De Cook	854,152	May 21	3632	751	128	996
Ladder	H. Upton	858,839	July 2	836	217	129	289
Ladder	H. H. Thomson	864,044	Aug. 20	3021	834-5	129	3088
Ladder	E. O. Green	864,751	Aug. 27	4149	1152	129	3467
Ladder	F. S. Seagrave	865,951	Sept. 10	1869	524	130	613
Ladder	A. Devan	867,020	Sept. 24	3479	985	130	1186
Ladder	J. S. Baker	869,047	Oct. 22	2898	800	130	2272
Ladder	J. S. Tilley	869,111	Oct. 22	2984	824	130	2299
Ladder	H. Adler	872,165	Nov. 26	4252	1014-15	131	1081
Ladder. Aerial	W. H. Shafer	874,546	Dec. 24	4602	967	131	2002
Ladder and bench. Combination	A. G. Johnson	845,036	Feb. 19	4597	978-9	126	3008
Ladder and chair. Convertible step-	H. S. Wright	864,401	Aug. 27	3561	990	129	3283
Ladder and ironing-board. Combined step-	F. W. Wigmore	859,905	July 9	2444	664	129	841
Ladder and jack. Combined	F. Thomas	847,528	Mar. 19	3618	798	127	973
Ladder and lift. Extension	R. Fleming	849,222	Apr. 2	1221	248	127	1900
Ladder and scaffold. Combined	M. Bauer	845,989	Feb. 12	2256	482	126	2391
Ladder and table. Combined step-	J. D. Douds	847,919	Mar. 19	4455	976	127	1176
Ladder and table. Combined step-	J. B. Thurmond	868,823	Oct. 22	2558	705	130	2167
Ladder brace. Step-	E. Rowe	847,205	Mar. 12	2977	656	127	782
Ladder. Collapsible step-	J. S. Hobbs	856,956	June 11	2935	616	128	2467
Ladder. Combination-	C. G. Davis	856,450	June 11	2011	413	128	2238
Ladder. Extension-	J. R. Goddard	843,204	Feb. 5	755	155	126	1986
Ladder. Extension-	J. R. Davis	856,683	June 11	2454	505	128	2349
Ladder. Extension-	B. Hughes and H. N. Young	856,875	June 11	2793	582	128	2434
Ladder. Extension-	F. A. Bobbitt	857,785	June 25	4557	964	128	2949
Ladder. Extension-	S. C. Johnston	862,971	Aug. 13	1406	382	129	2552
Ladder. Extension-	L. P. Reimann	864,194	Aug. 27	3266	905	129	3193
Ladder. Extension-	W. Williamson	873,110	Dec. 10	1689	352	131	1464
Ladder. Extension-	H. C. Siems and H. Dewitz	874,801	Dec. 24	5093	1073	131	2086
Ladder. Extension step-	A. Pettier	845,433	Feb. 26	5389	1144	126	3245
Ladder fastener. Hay-	J. Ogle	849,014	Apr. 2	792	162-3	127	1789
Ladder. Folding	P. A. M. Lanier	848,108	Mar. 26	4829	1054	127	1306
Ladder. Folding	N. Schaefer	851,696	Apr. 30	6011	1255	127	3255
Ladder. Folding step-	F. B. Koues	864,898	Sept. 3	214	59-60	130	67
Ladder. Folding step-	A. Dahl	870,940	Nov. 12	1717	470	131	586
Ladder. Fruit-picker's	E. Haycox	868,266	Oct. 15	1637	463	130	1857
Ladder. Gymnasium-	F. Medart	848,114	Mar. 26	4839	1056	127	1308
Ladder-hoist	J. Muirhead	866,877	Sept. 24	3258	916	130	1116
Ladder-hook, spanner, and hose-carrier. Combined	J. G. Gladding	845,709	Feb. 26	5929	1253	126	3381
Ladder. Metal step-	R. H. Fetta	857,453	June 18	3895	828	128	2751
Ladder. Metallic step-	H. Adler	870,334	Nov. 5	731	197	131	240
Ladder. Step-	E. W. Miller	846,228	Mar. 5	1025	219	127	261
Ladder. Step-	M. E. Trafton	848,513	Mar. 26	5597	1223	127	1496
Ladder. Step-	H. B. Forbes	849,224	Apr. 2	1225	249	127	1901
Ladder. Step-	A. W. Derby	850,142	Apr. 16	2939	615	127	2407
Ladder. Step-	W. F. Stevens	856,108	June 4	1249	263	128	2007
Ladder. Step-	P. F. Wagner	856,116	June 4	1267	266	128	2012
Ladder. Step-	G. E. Foster	861,583	July 30	5072	1392	129	1795
Ladder. Store-	W. Fickett	848,021	Mar. 26	4685	1021	127	1270
Ladder. Store-	G. Eller	862,622	Aug. 6	877	234	129	2357
Ladder. Store-service	L. Willour	846,371	Mar. 5	1290	284	127	325
Ladder. Store-service extension-	F. E. Scott	860,065	July 16	2709	737	129	961
Ladder. Truck-	T. Haines	855,771	June 4	635	130	128	1857
Ladle	M. H. Treadwell	856,744	June 11	2568	528	128	2379
Lady's comb	W. J. Watson	842,733	Jan. 29	6041	1272	126	1686
Laminated wheel	P. L. Clark	846,549	Mar. 12	1672	370	127	455
Lamp	G. Hacker	840,319	Jan. 1	1066	232	126	284
Lamp	P. N. Milsted	841,559	Jan. 15	3531	763	126	989
Lamp	C. B. Broughton	843,928	Feb. 12	2151	459	126	2367

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Lamp.....	L. W. Anderson.....	843,311	Feb. 19	2927	622	126	2597
Lamp.....	C. C. Malton.....	845,963	Mar. 5	492	101	127	127
Lamp.....	W. Churchill.....	851,496	Apr. 23	5572	468	127	3113
Lamp.....	O. S. Atterholt.....	858,251	June 25	5503	1175	128	3190
Lamp.....	W. S. Hamm.....	863,388	Aug. 13	2053	555	129	2758
Lamp.....	A. H. Handlan, Jr.....	873,427	Dec. 10	2309	483	131	1568
Lamp, &c.....	G. Maris.....	841,799	Jan. 22	4032	870	126	1150
Lamp. Acetylene.....	S. M. Meyer.....	844,607	Feb. 19	3759	792	126	2795
Lamp. Acetylene-generating.....	E. Wachter.....	848,074	Mar. 26	4774	1041	127	1292
Lamp adjuster. Electric.....	W. S. Hawker.....	864,535	Aug. 27	3814	1057	129	3366
Lamp. Alcohol.....	C. Halstead.....	856,142	June 4	1333	279	128	2030
Lamp and air-carbureting apparatus therefor.	F. W. Suter and C. Wayman.....	857,769	June 25	4531	956-7	128	2943
Safety-Lamp and connection therefor. Electric incandescent	W. J. Phelps.....	860,568	July 16	3446	947-8	129	1203
Lamp apparatus for vehicles.....	G. C. Pyle.....	843,298	Feb. 5	950	192	126	2031
Lamp. Arc.....	J. H. Bennett and A. I. Miner.....	844,439	Feb. 19	3163	680	126	2656
Lamp. Arc.....	R. Fleming and C. A. B. Halvorson, Jr.....	866,012	Sept. 17	1969	549	130	676
Lamp. Arc.....	W. E. Daniels.....	873,414	Dec. 10	2287	477	131	1564
Lamp. Arc.....	W. E. Daniels.....	873,415	Dec. 10	2289	477	131	1564
Lamp attaching means. Electric.....	E. G. Wilson and W. B. Goodwin.....	843,316	Feb. 5	984	202	126	2039
Lamp attachment. Oil.....	A. H. Elliott.....	842,537	Jan. 29	5591	1183	126	1576
Lamp base. Electric-incandescent.....	F. H. Manchester.....	868,283	Oct. 15	1665	471	130	1865
Lamp base-making machine.....	N. Marshall.....	856,972	June 11	2972	623	128	2479
Lamp base-making machine.....	N. Marshall.....	856,974	June 11	2981	625	128	2480
Lamp-bracket.....	H. Bryarly.....	841,308	Jan. 15	3064	663	126	866
Lamp-bracket.....	W. P. Crary.....	849,727	Apr. 9	2175	448	127	2176
Lamp-bracket.....	P. M. Wickstrum.....	854,785	May 28	4856	1008	128	1338
Lamp bracket. Electric.....	F. H. Lohrs.....	860,099	July 16	2749	750	129	973
Lamp bracket. Electric.....	D. C. Keefe and T. M. Smith.....	866,473	Sept. 17	2646	739	130	891
Lamp bracket. Miner's.....	A. H. Rohleder.....	859,844	July 9	2351	638	129	813
Lamp bracket. Miner's.....	C. C. Kelly.....	860,033	July 16	2657	722	129	943
Lamp bulb. Incandescent.....	D. F. Campbell.....	845,053	Feb. 26	4636	986	126	3056
Lamp bulb. Incandescent-gas.....	C. M. Lungren.....	843,933	Feb. 12	2099	450	126	2352
Lamp bulbs. Exhausting incandescent.....	F. L. O. Wadsworth.....	866,751	Sept. 24	3071	866	130	1059
Lamp-burner.....	J. H. Fulton.....	840,926	Jan. 8	2281	501	126	623
Lamp-burner.....	A. H. Handlan, Jr.....	849,679	Apr. 9	2096	431	127	2156
Lamp-burner.....	J. A. Mosher.....	851,827	Apr. 30	6267	1307	127	3323
Lamp-burner.....	E. C. Babcock.....	853,856	May 14	3006	618	128	802
Lamp-burner.....	W. B. Grover.....	854,576	May 21	4426	919	128	1200
Lamp-burner.....	A. H. Handlan, Jr.....	855,055	May 28	5409	1123	128	1481
Lamp-burner.....	W. A. Blauvelt.....	856,021	June 4	1111	231	128	1976
Lamp-burner.....	E. S. McLean.....	856,359	June 11	1833	376	128	2194
Lamp-burner.....	G. W. Gibbs.....	863,379	Aug. 13	2041	552	129	2754
Lamp-burner.....	W. A. Fain and R. A. Henry.....	873,360	Dec. 10	2186	456	131	1545
Lamp-burner.....	J. E. Ross.....	874,248	Dec. 17	3995	843	131	1873
Lamp burner. Gas.....	E. E. Billow.....	852,538	May 7	321	58	128	89
Lamp burner. Incandescent-gas.....	E. H. O. Werwath.....	861,337	July 30	4683	1280	129	1674
Lamp. Candle.....	F. A. Schuetz.....	865,950	Sept. 10	1868	523	130	613
Lamp cap. Incubator.....	J. T. Molloy.....	855,523	June 4	152	30	128	1733
Lamp. Carbureting.....	G. H. Holgate.....	857,064	June 18	3167	666-7	128	2570
Lamp-chimney fixture.....	F. H. Lohrs.....	853,462	May 14	2195	456	128	596
Lamp-chimney holder.....	H. F. Gleason.....	862,900	Aug. 13	1304	355	129	2518
Lamp chimney. Incubator.....	W. A. Sumner.....	844,626	Feb. 19	3790	800	126	2802
Lamp cluster-fixture. Electric.....	S. R. Fralick.....	844,276	Feb. 12	2828	602-3	126	2534
Lamp cluster. Incandescent.....	H. Hubbell.....	872,065	Nov. 26	4063	973	131	1048
Lamp. Convertible gas and oil.....	M. S. Thorud.....	848,070	Mar. 26	4768	1040	127	1291
Lamp. Denatured-alcohol-gas.....	G. G. Schroeder.....	860,996	July 23	4151	1137-8	129	1465
Lamp. Denatured-alcohol-gas student.....	G. G. Schroeder.....	862,850	Aug. 6	1235	334	129	2462
Lamp. Electric.....	F. Muschenheim.....	839,869	Jan. 1	131	32	126	38
Lamp. Electric-arc.....	A. P. McArthur.....	868,110	Oct. 15	1410	396	130	1787
Lamp. Electric-arc.....	B. L. Scott.....	841,820	Jan. 22	4085	878	126	1165
Lamp. Electric-arc.....	F. Janecsek.....	844,361	Feb. 19	3020	645	126	2621
Lamp. Electric-arc.....	O. Gross.....	851,003	Apr. 23	4587	961-2	127	2869
Lamp. Electric-arc.....	H. J. J. Jaburg, Jr.....	861,856	July 30	5491	1515	129	1920
Lamp. Electric-arc.....	R. T. Felsch.....	863,568	Aug. 13	2299	629	129	2830
Lamp. Electric-arc.....	E. F. Winfield.....	867,544	Oct. 1	481	138	130	1463
Lamp. Electric-arc.....	G. M. Lane.....	869,914	Nov. 5	56	17	131	19
Lamp-extinguisher.....	C. Bergener.....	860,277	July 16	3008	823	129	1059
Lamp-extinguishing mechanism.....	C. P. Gifford.....	872,725	Dec. 3	862	178	131	1302
Lamp filaments. Machine and apparatus for manufacturing electric-incandescent.....	F. M. F. Cazin.....	874,938	Dec. 31	5395	1128	131	2156
Lamp filaments to the stem-wires. Apparatus for cementing electric.....	N. Marshall.....	869,317	Oct. 29	3317	912	130	2429
Lamp filaments to the stem-wires. Apparatus for cementing electric.....	N. Marshall.....	869,318	Oct. 29	3320	912-13	130	2430
Lamp fitting. Electric.....	J. Dugdin.....	857,928	June 25	4845	1026	128	3020
Lamp fixture. Electric.....	J. B. McGinley.....	851,024	Apr. 23	4626	970	127	2880
Lamp fixture. Incandescent.....	J. Stubbers.....	875,634	Dec. 31	6866	1432	131	2380
Lamp. Flash-light.....	H. F. Neumeyer.....	853,027	May 7	1349	281	128	3420
Lamp. Fluorescent electric.....	T. A. Edison.....	805,367	Sept. 10	945	271	130	315
Lamp-fonts. Adjustable handle for.....	G. H. Rolfe.....	862,664	Aug. 6	940	252	129	2374
Lamp for automobiles and other vehicles.....	S. M. Meyer.....	844,608	Feb. 19	3760	792	126	2795
Lamp for burning carbureted air.....	F. W. Suter.....	875,010	Dec. 31	5553	1160-1	131	2180
Lamp for melting sealing-wax.....	H. Straube.....	863,464	Aug. 13	2150	580	129	2786
Lamp for railway-signals, &c. Oil.....	W. H. I. Welch.....	840,674	Jan. 8	1779	391-2	126	499
Lamp. Gas.....	A. H. Humphrey.....	841,323	Jan. 15	3085	668	126	872
Lamp. Gas.....	C. M. Lungren.....	843,186	Feb. 26	4900	1039	126	3126
Lamp. Gas.....	R. E. Bruckner.....	854,027	May 21	3376	695	128	933
Lamp. Gas.....	A. H. Humphrey.....	855,315	May 28	5911	1233	128	1007
Lamp. Gas.....	A. H. and H. R. Humphrey.....	856,960	June 11	2949	619	128	2471
Lamp. Gas.....	A. H. Humphrey.....	861,182	July 23	4410	1210	129	1548
Lamp. Gas.....	A. H. Humphrey.....	863,182	Aug. 13	1748	469-70	129	2660
Lamp. Gas.....	A. C. Swain.....	867,219	Sept. 24	3799	1072	130	1285
Lamp. Gas.....	J. J. McIntyre.....	871,950	Nov. 26	3780	919	131	1009

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Lamp. Gas-.....	E. W. Cornell.....	873,663	Dec. 10	2753	584	131	1646
Lamp. Gasolene-.....	W. C. Coleman.....	841,667	Jan. 22	3752	815	126	1076
Lamp. Gasolene pressure-.....	N. S. Beavers.....	868,962	Oct. 22	2765	763	130	2231
Lamp-globe.....	G. A. Macbeth and H. A. Schnellbach.....	845,962	Mar. 5	491	101	127	127
Lamp guard. Incandescent-.....	C. Molitor.....	870,637	Nov. 12	1213	328-9	131	430
Lamp hanger. Electric-.....	A. S. Elliot.....	853,871	May 14	3038	625	128	810
Lamp hanger. Incandescent-.....	M. J. Diemmer.....	853,444	May 14	2159	449	128	587
Lamp hanger or support. Arc-.....	J. E. Joyce.....	851,009	Apr. 23	4602	964	127	2873
Lamp-hoisting device. Electric-arc-.....	J. Neu.....	863,041	Aug. 13	1508	409	129	2584
Lamp-holder.....	C. Bergener.....	852,759	May 7	770	152	128	201
Lamp-holder.....	W. J. Phelps.....	860,325	July 16	3086	844	129	1084
Lamp-holder.....	J. W. Kerr and L. A. Hine.....	862,563	Aug. 6	788	210	129	2328
Lamp holder. Electric-.....	C. E. Throop and S. A. Freeman.....	873,108	Dec. 10	1685	351-2	131	1463
Lamp holder. Incandescent-.....	E. E. Marsh.....	859,398	July 9	1685	448	129	598
Lamp. Hydrocarbon-.....	T. H. Blair.....	868,069	Oct. 15	1353	379	130	1769
Lamp. Hydrocarbon-.....	J. Landsiedel.....	869,440	Oct. 29	3515	966	130	2490
Lamp. Incandescent.....	H. Boehm.....	870,341	Nov. 5	744	200	131	245
Lamp. Incandescent electric.....	W. R. Whitney.....	843,054	Feb. 5	418	91	126	1898
Lamp. Incandescent electric.....	C. L. R. E. Menges.....	874,977	Dec. 31	5486	.....	131	2169
Lamp. Incandescent gas-.....	O. Wiederhold.....	841,203	Jan. 15	2838	619	126	811
Lamp. Incandescent gas-.....	R. M. Dixon.....	845,166	Feb. 26	4658	1030	126	3115
Lamp. Incandescent gas-.....	A. Rector.....	864,688	Aug. 27	4063	1128	129	3441
Lamp. Incandescent gas-.....	T. S. Haight.....	867,268	Oct. 1	58	18	130	1332
Lamp. Incandescent gas-.....	O. Wiederhold.....	870,753	Nov. 12	1413	383	131	490
Lamp. Incandescent gas-.....	A. Rector.....	871,954	Nov. 26	3787	920	131	1011
Lamp. Incandescent gas-.....	C. A. Campbell.....	872,895	Dec. 3	1214	259	131	1357
Lamp. Incandescent gas-.....	A. Rector.....	874,703	Dec. 24	4915	1032	131	2055
Lamp. Incandescent gas-.....	E. R. Wilner.....	874,716	Dec. 24	4947	1039	131	2059
Lamp. Incubator or brooder.....	P. M. Wickstrum.....	871,016	Nov. 12	1827	499	131	621
Lamp. Induction vapor or gas electric.....	P. C. Hewitt.....	843,533	Feb. 5	1394	294	126	2141
Lamp. Inverted-burner gas-.....	W. De Freitas.....	850,568	Apr. 16	3750	784	127	2620
Lamp-jack.....	F. Conrath.....	848,443	Mar. 26	5471	1192-3	127	1468
Lamp lighting and extinguishing apparatus. Gas-.....	E. H. Elton and R. Stephens.....	867,488	Oct. 1	386	111-12	130	1434
Lamp-lighting device. Gas-.....	H. K. Wilson.....	850,509	Apr. 16	3643	762	127	2592
Lamp lock. Incandescent-.....	J. F. Boyer.....	844,321	Feb. 19	2941	626	126	2601
Lamp. Long-burning arc-.....	J. Rosemeyer and G. Dive.....	865,271	Sept. 3	770	220-1	130	233
Lamp. Low-pressure vapor-burning incandescent.....	L. Denayrouze.....	842,634	Jan. 29	5802	1225	126	1628
Lamp-mantle holder.....	J. M. Simmons.....	869,661	Oct. 29	3873	1061	130	2600
Lamp. Miner's.....	R. L. Graves.....	853,078	May 7	1435	300	128	364
Lamp. Miner's.....	F. A. Smith.....	862,027	July 30	5729	1591	129	1993
Lamp. Miner's.....	P. Birch.....	869,049	Oct. 22	2900	800	130	2273
Lamp. Miner's safety-.....	E. Piepenbring.....	846,050	Mar. 5	677	142-3	127	174
Lamp. Nautical.....	A. Breckwoldt.....	861,633	July 30	5152	1414	129	1920
Lamp. Oil-vapor.....	J. Hendy and H. J. S. Stobart.....	868,184	Oct. 15	1500	425	130	1814
Lamp or lantern burner.....	G. H. Rolfe.....	851,319	Apr. 23	5237	1098	127	3032
Lamp or lantern glass holder. Signal.....	W. S. Hamm.....	874,402	Dec. 24	4307	907	131	1957
Lamp or lantern holder.....	W. N. Roberts and H. B. Mathews.....	859,013	July 2	1095	290	129	373
Lamp-pendant.....	H. W. Hanwell.....	846,563	Mar. 12	1704	376-7	127	462
Lamp-plug.....	F. B. Parker and W. D. Jones.....	868,523	Oct. 15	2054	577	130	1980
Lamp. Portable battery-.....	S. W. Gibbs, Jr.....	853,352	May 14	2007	415	128	547
Lamp-protector.....	G. A. Russell.....	857,541	June 18	4076	865	128	2799
Lamp-protector.....	J. E. Woods.....	859,357	July 9	1622	432	129	579
Lamp-receptacle.....	H. W. Lawrence.....	864,426	Aug. 27	3598	999-1000	129	3296
Lamp-receptacle.....	H. W. Lawrence.....	864,427	Aug. 27	3599	1000	129	3296
Lamp-receptacle.....	J. S. Stewart.....	873,104	Dec. 10	1677	350	131	1462
Lamp receptacle to a support. Means for securing an electric-.....	R. P. Schriver.....	863,320	Aug. 13	1955	527	129	2724
Lamp regulator. Electric-.....	E. Johnson.....	857,404	June 18	3805	807	128	2728
Lamp safety closing device. Miner's-.....	A. L. Tombelaine.....	843,505	Feb. 5	1334	281	126	2127
Lamp. Sectional incandescent.....	G. E. Bill and A. D. Redman, Sr.....	860,627	July 23	3568	979	129	1277
Lamp self-lighting attachment.....	S. M. Meyer.....	844,731	Feb. 19	4013	855	126	2859
Lamp-shade.....	F. Thiedig.....	843,974	Feb. 12	2228	477	126	2368
Lamp-shade.....	F. Baumer.....	856,190	June 4	1425	301	128	2051
Lamp-shade.....	W. O. Holt and R. L. Foster.....	863,178	Aug. 13	1740	467	129	2658
Lamp-shade.....	W. J. Boesen.....	867,871	Oct. 8	994	283	130	1636
Lamp-shade. Folding.....	V. Freytag.....	873,665	Dec. 10	2756	585	131	1647
Lamp-shade for road-vehicles.....	K. H. Evans.....	858,968	July 2	1036	272	129	354
Lamp-shade holder.....	W. O. Holt and R. L. Foster.....	850,579	Apr. 16	3773	788	127	2626
Lamp shade. Incandescent-.....	H. D'Olier, Jr.....	862,965	Aug. 13	1398	380	129	2549
Lamp-shades. Molding for.....	L. H. Debs.....	862,239	Aug. 6	213	59	129	2149
Lamp. Signal-.....	F. D. Spear.....	840,025	Jan. 1	464	101	126	126
Lamp. Signal-.....	F. D. Spear.....	840,026	Jan. 1	465	101	126	126
Lamp slack-adjuster. Electric-.....	H. M. Groash.....	853,238	May 14	1753	365	128	476
Lamp-socket.....	C. A. Chase.....	845,754	Mar. 5	49	10	127	16
Lamp-socket.....	R. Rowley.....	860,153	July 16	2826	772	129	1001
Lamp-socket.....	J. J. Rooney.....	874,245	Dec. 17	3990	842	131	1872
Lamp-socket.....	W. R. Lambert.....	875,357	Dec. 31	6234	1300	131	2290
Lamp-socket and shade-holder. Combined.....	J. C. Tournier.....	866,089	Sept. 17	2096	583	130	716
Lamp-socket. Cluster.....	R. B. Benjamin.....	852,489	May 7	205	38	128	59
Lamp socket. Electric-.....	J. Amon.....	856,755	June 11	2585	531	128	2384
Lamp socket. Electric-.....	T. H. Hill.....	860,867	July 23	3922	1075	129	1390
Lamp socket. Electric-.....	R. B. Benjamin.....	861,940	July 30	5621	1556-7	129	1961
Lamp socket. Electric-.....	R. B. Benjamin.....	861,941	July 30	5622	1557-8	129	1962
Lamp socket. Electric-.....	R. B. Benjamin.....	861,942	July 30	5624	1558	129	1962
Lamp socket. Incandescent-.....	C. M. and E. W. Keier.....	843,281	Feb. 5	917	187	126	2024
Lamp socket. Incandescent-.....	G. B. Thomas and G. W. Goodridge.....	843,310	Feb. 5	975	200	126	2037
Lamp socket. Incandescent-.....	F. Wunderlich.....	843,425	Feb. 5	1159	244	126	2082
Lamp socket. Incandescent-.....	J. G. Peterson.....	844,829	Feb. 19	4209	897-8	126	2911
Lamp socket. Incandescent-.....	G. W. Goodridge.....	845,542	Feb. 26	5611	1188	126	3302
Lamp socket. Incandescent-.....	J. J. Wood.....	861,343	July 30	4691	1282	129	1676
Lamp socket. Incandescent-.....	G. W. Goodridge.....	872,283	Nov. 26	4490	1066	131	1118
Lamp socket-key. Electric-.....	P. L. Sylvester.....	849,089	Apr. 2	951	194	127	1830
Lamp-socket. Plural.....	R. B. Benjamin.....	852,491	May 7	213	39	128	62

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Lamp-socket. Twin	R. B. Benjamin	852,490	May 7	210	38	128	61
Lamp sockets and the like. Switch mechanism for electric	J. P. Neilson	845,476	Feb. 26	5497	1163	126	3273
Lamp sockets. Machine for making shells for electric	J. Beck	843,789	Feb. 12	1873	400-2	126	2298
Lamp. Stormproof	G. Stübgen	841,600	Jan. 15	3607	784	126	1008
Lamp. Street	F. Rech	840,586	Jan. 8	1622	356	126	458
Lamp. Street	J. Doyle	864,958	Sept. 3	313	84	130	99
Lamp. Street	R. Momand	872,958	Dec. 3	1344	284	131	1378
Lamp support. Incandescent	E. Beaudette	851,975	Apr. 30	6572	1369	127	3400
Lamp support. Incandescent-electric	J. Sullivan	849,754	Apr. 9	2232	458	127	2193
Lamp suspension device	E. Weber	850,986	Apr. 23	4554	954	127	2860
Lamp suspension device. Electric	C. Smart	848,573	Mar. 26	5713	1250	127	1526
Lamp switch-socket. Electric	E. Anderson	861,692	July 30	5231	1437	129	1842
Lamp testing apparatus. Miner's safety	E. C. Davies	869,066	Oct. 22	2927	807	130	2282
Lamp. Therapeutic	H. E. Coger	861,019	July 23	4186	1147	129	1475
Lamp. Therapeutic	J. B. Wantz	870,262	Nov. 5	610	163-4	131	199
Lamp. Three-phase-current arc	G. Semenza	854,764	May 28	4812	999	128	1327
Lamp-trimming	H. R. Sargent	853,899	May 14	3109	637	128	828
Lamp. Tungsten electric incandescent	J. A. Heany	872,936	Dec. 3	1281	273	131	1369
Lamp. Vacuum-tube	D. M. Moore	853,989	May 21	3299	679	128	916
Lamp. Vacuum-tube	D. M. Moore	854,104	May 21	3540	731	128	974
Lamp. Vapor	O. J. Seehausen	846,512	Mar. 12	1609	356	127	438
Lamp. Vapor	C. T. Edward	851,348	Apr. 23	5293	1109	127	3045
Lamp. Vapor-burning	R. W. Zierlein	853,330	May 14	1964	406	128	558
Lamp. Vehicle	C. L. Betts	841,845	Jan. 22	4135	891	126	1178
Lamps. Adjustable support for signal	A. H. Handlan, Jr.	857,397	June 18	3793	804	128	2726
Lamps. Adjustable support for vapor	S. E. Flechtner	847,566	Mar. 19	3692	813	127	992
Lamps and oil-stoves. Electric lighting device for	S. M. Meyer	844,605	Feb. 19	3754	791	126	2794
Lamps and similar objects. Suspending device for electric-arc	E. Kuhne	854,827	May 28	4939	1026	128	1360
Lamps. Apparatus for automatically lighting gas	K. Pank	871,141	Nov. 19	2067	558	131	712
Lamps. Apparatus for lighting or extinguishing a number of	J. Anderson and J. H. Bennet	863,828	Aug. 20	2704	746	129	2991
Lamps. Automatic gas-feed for vacuum-tube	D. M. Moore	856,483	June 11	2065	425	128	2252
Lamps. Automatic starting device for alternating-current vapor	C. H. Vom Baur	870,141	Nov. 5	411	114	131	137
Lamps. Automatic suspending-reel for electric incandescent	J. H. Gordon	865,377	Sept. 10	959	275	130	319
Lamps. Back plate for oil night	J. Steskel	863,951	Aug. 20	2890	795	129	3049
Lamps. Electric-lighting apparatus for incandescent and other gas	S. M. Meyer	844,611	Feb. 19	3766	794	126	2796
Lamps from a distance. Device for lighting gas	G. Himmel	872,421	Dec. 3	219	42-3	131	1202
Lamps. Globe-closure for electric-arc	E. Bonnet	855,926	June 4	945	195	128	1932
Lamps. Heating-frame for	Z. L. Brooks	854,266	May 21	3851	795	128	1055
Lamps. Illuminant for incandescent electric	O. M. Thowless	844,213	Feb. 12	2687	575	126	2499
Lamps. Joint-ring for acetylene-gas	C. W. Beck	870,339	Nov. 5	740	199	131	243
Lamps. Lens-fastening for	E. C. Everett	864,413	Aug. 27	3580	995	129	3289
Lamps. Luminant in electric incandescent	F. M. F. Cazin	844,778	Feb. 19	4113	877	126	2887
Lamps. Machine for basing incandescent	W. R. Burrows	856,129	June 4	1306	273-4	128	2022
Lamps. Machine for making stems for incandescent	J. W. Howell and W. R. Burrows	860,977	July 23	4112	1126	129	1453
Lamps. Machine for making stems of incandescent	J. W. Howell and W. R. Burrows	843,750	Feb. 12	1808	385	126	2281
Lamps. Manufacture of incandescent bodies for electric	A. Just and F. Hanaman	855,060	May 28	5419	.....	128	1484
Lamps. Manufacture of luminant for electric	J. A. Heany	842,546	Jan. 29	5607	.....	126	1580
Lamps. Manufacturing reflector incandescent	H. Gilmore	870,233	Nov. 5	566	152	131	185
Lamps. Multiple socket for incandescent	E. L. Elliott	853,231	May 14	1745	362	128	474
Lamps. Multiple socket for incandescent	F. J. Russell	869,737	Oct. 29	3993	1103	130	2634
Lamps of high efficiency. Arrangement of the filament for high-voltage incandescent electric	C. Glogau	860,601	July 16	3506	964-5	129	1223
Lamps. Oil-reservoir for	C. T. Whipple	856,502	June 11	2094	430	128	2259
Lamps or gas-burners. Mantle and holder for inverted	N. Fuchs	862,816	Aug. 6	1181	318	129	2444
Lamps. Receptacle for incandescent electric	B. E. Salisbury	842,020	Jan. 22	4470	960	126	1255
Lamps, &c. Socket-seal for electric	L. T. Hatfield	844,126	Feb. 12	2505	538	126	2452
Lamps. Therapeutic and other electric	C. M. Robinson	853,829	May 14	2958	606	128	792
Lamps to effect electric ignition. Apparatus for inclosing and electrically connecting miners' safety-lampblack-machine	W. Ackroyd, W., A. E., and R. O. Best.	868,387	Oct. 15	1842	518	130	1915
Lampblack-making apparatus	W. H. Davis	859,750	July 9	2208	598-9	129	768
Lampblack-making apparatus	J. L. Mann	865,603	Sept. 10	1321	374-5	130	430
Land-leveler	J. W. Hutton	853,457	May 14	2187	454	128	595
Land-leveler	J. and G. H. Kimes	858,871	July 2	882	230	129	303
Land leveler or ridger	S. A. Schafer	853,036	May 7	1369	285	128	348
Land. Reclaiming	J. W. Sykes	859,628	July 9	2023	546	129	708
Land-roller	J. Weber	844,430	Feb. 19	3146	676	126	2653
Land-roller	B. A. Thomas	855,075	May 28	5474	1136	128	1496
Land-roller	J. Wolfinger	869,676	Oct. 29	3906	1074	130	2610
Land roller and packer	B. H. Peck	871,358	Nov. 19	2540	653	131	786
Landside	A. A. Hughes	856,153	June 4	1356	284	128	2035
Lantern	J. H. Hill	841,648	Jan. 15	3709	806-7	126	1033
Lantern	C. S. Leland and H. R. Hysom	846,115	Mar. 5	815	170	127	207
Lantern	G. H. Rolfe	846,952	Mar. 12	2487	548	127	662
Lantern	F. K. Wright	850,455	Apr. 16	3532	738	127	2564
Lantern	E. C. Everett	861,643	July 30	5163	1417	129	1823
Lantern	A. F. Prahm	863,872	Aug. 20	2768	762	129	3011
Lantern	E. C. Everett	864,415	Aug. 27	3582	996	129	3290
Lantern	W. S. Hamm	866,018	Sept. 17	1980	551-2	130	679
Lantern	F. W. Vinton	866,242	Sept. 17	2306	644	130	782
Lantern	J. M. Stokoe	868,503	Oct. 15	2015	563	130	1969
Lantern	J. R. M. Tisdale	871,307	Nov. 19	2431	629	131	769
Lantern	W. S. Hamm	871,401	Nov. 19	2637	674	131	800
Lantern-burner	C. P. Gifford	872,928	Dec. 3	1270	271	131	1367
Lantern burner. Signal	F. A. Schuetz	864,803	Sept. 3	60	18	130	21
Lantern. Collapsible	J. A. McCoy	847,429	Mar. 19	3431	753	127	923
Lantern. Electric	F. P. Cobham	869,550	Oct. 29	3692	1012-13	130	2545
Lantern. Foot-actuated	F. C. Lyon	848,184	Mar. 26	4948	1080-1	127	1337
Lantern-frame	F. D. Spear	861,683	July 30	5217	1433	129	1838

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Lantern-globe-lifting attachment	F. A. Schwertner	840,261	Jan 1	955	208	126	259
Lantern-globe-lifting device	D. C. Kline	858,991	July 2	1067	280	129	364
Lantern-guard	E. C. Everett	864,414	Aug. 27	3581	995	129	3290
Lantern-holder	W. T. Gover	844,672	Feb. 19	3888	822	126	2828
Lantern-holder	W. B. Chittenden	872,052	Nov. 26	4036	967	131	1044
Lantern-lighting device	C. S. Leland and H. R. Hysom	846,116	Mar. 5	817	170	127	208
Lantern or lamp post for use on small water-craft. Combined	G. S. Lockwood	853,310	May 14	1927	399	128	527
Lantern. Signal-	A. H. Handlan, Jr.	846,104	Mar. 5	793	166	127	203
Lantern. Signal-	G. Eklund	856,854	June 11	2757	573	128	2425
Lantern. Signal-	W. S. Hamm	871,088	Nov. 12	1940	531	131	656
Lantern-slide and mat therefor	L. M. McCormick	855,121	May 28	5567	1156	128	1518
Lantern-slide-moving device. Automatic	W. Fredrick	865,373	Sept. 10	953	273-4	130	817
Lantern-tube	C. L. Betts	871,317	Nov. 19	2454	635	131	773
Lantern. Tubular	A. T. Bishop	855,443	June 4	7	2	128	1696
Lantern. Tubular	A. T. Bishop and J. L. McCann	855,612	June 4	326	67	128	1778
Lantern. Tubular	C. L. Betts	864,404	Aug. 27	3567	991	129	3285
Lap-link	A. Long	865,600	Sept. 10	1318	373	130	429
Lap-robe	A. H. Kinder	849,624	Apr. 9	1996	409	127	2131
Lard and recovering waste lard from spent fullers' earth. Refining	S. T. Lockwood	852,441	May 7	60	12	128	18
Lard and recovering waste lard from spent fullers' earth. Refining	S. T. Lockwood	852,442	May 7	62	12	128	19
Lard dipper and measure	J. S. Labry	849,074	Apr. 2	920	188	127	1823
Lard-press	E. A. Spruat	867,762	Oct. 8	810	228	130	1581
Larding-needle	B. F. Weber	845,151	Feb. 26	4829	1024	126	3108
Larding-needle	J. Snyder	854,387	May 21	4059	839	128	1110
Last	A. F. Seymour	841,725	Jan. 22	3868	839	126	1106
Last	J. J. Smith	841,732	Jan. 22	3880	842	126	1110
Last	G. A. Krentler	842,319	Jan. 29	5104	1086	126	1446
Last	R. W. Perry	845,705	Feb. 26	5924	1251	126	3379
Last	J. H. Waite	846,072	Mar. 5	731	153	127	186
Last	W. E. Trufant	851,968	Apr. 30	6563	1367	127	3397
Last	E. J. Prindle	853,827	May 14	2955	606	128	791
Last	F. J. Shainsey, Sr.	857,117	June 18	3264	687	128	2592
Last	E. A. Eastman	857,552	June 18	4095	869	128	2803
Last	H. W. Marden	866,373	Sept. 17	2515	701	130	848
Last	H. F. Loewer	872,525	Dec. 3	448	93	131	1236
Last	H. F. Loewer	873,060	Dec. 10	1592	333	131	1448
Last	J. P. Thurell	873,635	Dec. 10	2711	573	131	1637
Last	W. E. Trufant	875,136	Dec. 31	5798	1210	131	2221
Last and last-support	T. Rendle	859,892	July 9	2424	659	129	835
Last-block-sawing device	H. J. Jaquith	865,250	Sept. 3	743	212	130	224
Last. Collapsible	F. J. Nugent	871,138	Nov. 19	2062	557	131	711
Last. Contracting	J. J. Smith	871,150	Nov. 19	2086	562	131	715
Last for boots and shoes. Reinforced	W. D. Baker	870,760	Nov. 12	1420	385	131	492
Last. Hinged	G. G. and J. C. Schelter	845,011	Feb. 19	4552	969	126	2995
Last. Hinged	F. E. Benton	846,720	Mar. 12	2004	441	127	539
Last. Hinged	H. E. Howe	859,065	July 2	1166	314	129	395
Last. Hinged	E. O. Krentler	864,654	Aug. 27	3994	1108	129	3419
Last. Link	C. F. Pym	872,972	Dec. 3	1366	288	131	1382
Last-lock	E. O. Krentler	865,712	Sept. 10	1487	420	130	483
Last. Shoe	J. F. Cavanagh	840,556	Jan. 8	1561	344	126	444
Last. Shoe	J. C. Schelter	845,012	Feb. 19	4554	970	126	2995
Last-thimble	E. S. Morton	845,109	Feb. 26	4760	1009	126	3090
Lasts. Bushing or thimble for	H. E. Howe	855,403	May 28	6061	1266	128	1644
Lasts. Manufacturing	H. F. Loewer	842,478	Jan. 29	5479	1160	126	1551
Lasts. Socket-securing device for	H. J. Jaquith	863,184	Aug. 13	1752	470	129	2663
Lasts. Stick for supporting shoe	W. Crossley	862,885	Aug. 13	1285	348-9	129	2512
Lasts. Turning	E. J. Prindle	848,767	Apr. 2	291	59-61	127	1661
Lasts. Turning	W. E. Trufant	870,484	Nov. 5	963	263-4	131	812
Lasting-machine	C. F. Pym	865,936	Sept. 10	1846	518-19	130	606
Lasting-machine	W. A. Bond	867,469	Oct. 1	357	103-4	130	1424
Lasting-machine	J. Cavanagh, Jr.	873,018	Dec. 10	1494	313-14	131	1432
Lasting-pincers	C. S. Parsons	868,695	Oct. 22	2356	653	130	2105
Latch	O. Cassidy	842,299	Jan. 29	5060	1079	126	1435
Latch	J. A. Weber	842,735	Jan. 29	6043	1273	126	1687
Latch	H. Tysinger	848,515	Mar. 26	5599	1223	127	1497
Latch	H. G. Voight	854,065	May 21	3466	715	128	956
Latch	C. J. Englert	854,473	May 21	4231	875	128	1152
Latch	J. W. Pettijohn	855,662	June 4	415	87	128	1800
Latch	F. W. Merriweather	858,091	June 25	5215	1105	128	3116
Latch	A. W. Chick	863,262	Aug. 13	1874	505	129	2698
Latch and bolt. Combination door	E. C. Belknap and E. H. Jackson	847,883	Mar. 19	4365	956	127	1156
Latch and bolt mechanism. Locking	E. C. Belknap and E. H. Jackson	847,884	Mar. 19	4369	957	127	1158
Latch and holder. Gate	J. Betts	884,193	May 21	3720	770	128	1022
Latch and lock. Door	L. C. Campbell	872,896	Dec. 3	1217	259	131	1358
Latch. Automatic	G. C. Emmert	846,651	Mar. 12	1894	416	127	513
Latch-bolt	P. J. Courtenay	862,612	Aug. 6	862	230	129	2351
Latch. Car-door	W. E. Lempe	865,191	Sept. 3	652	184	130	198
Latch. Door	W. W. Krause	842,562	Jan. 29	5638	1192	126	1587
Latch. Door	C. Husemann	848,034	Mar. 26	4711	1027	127	1277
Latch. Door	G. E. Cadwell	851,158	Apr. 23	4894	1029	127	2947
Latch. Door	C. B. Baumgartner	856,936	June 11	2902	608	128	2459
Latch. Door	J. H. Stratton	873,185	Dec. 10	1839	385	131	1488
Latch. Door or gate	T. P. Walsh	866,543	Sept. 17	2741	767	130	918
Latch-fastener	J. L. Cox	849,207	Apr. 2	1195	242	127	1894
Latch for doors, &c. Sure-catch	J. B. Aikin	844,907	Feb. 19	4353	929	126	2946
Latch for gates and the like	W. B. Le Bourgeois	845,363	Feb. 26	5266	1117	126	3216
Latch. Gate	C. E. Williams	842,046	Jan. 22	4518	972	126	1267
Latch. Gate	J. Crawford	843,870	Feb. 12	2031	436	126	2335
Latch. Gate	M. O. Patton	846,804	Mar. 12	2180	479	127	585
Latch. Gate	S. W. Carlisle	848,965	Apr. 2	715	145	127	1770
Latch. Gate	T. E. Harner	849,680	Apr. 9	2097	431	127	2157
Latch. Gate	B. S. Rector	852,240	Apr. 30	7107	1487	127	3535
Latch. Gate	C. H. Foster	852,550	May 7	342	61	128	93

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Latch. Gate.....	E. F. Campbell.....	857,028	June 18	3093	653	128	2549
Latch. Gate.....	C. H. Foster.....	858,866	July 2	877	228	129	301
Latch. Gate.....	D. E. Stetler.....	861,406	July 30	4809	1319	129	1713
Latch. Gate.....	H. F. Harist.....	865,385	Sept. 10	975	279	130	325
Latch. Gate.....	A. A. Adams.....	865,844	Sept. 10	1719	478	130	570
Latch. Gate.....	C. J. Austad.....	866,766	Sept. 24	3095	872	130	1067
Latch. Gate.....	C. F. Mayo.....	868,466	Oct. 15	1967	548	130	1954
Latch. Gate or door.....	J. S. Brown.....	853,764	May 14	2824	581	128	759
Latch-guard. Shutter.....	T. L. Ross.....	870,848	Nov. 12	1554	427	131	536
Latch. Hasp.....	E. Tyden.....	868,234	Oct. 15	1588	451	130	1840
Latch-hook.....	E. A. Hill.....	862,914	Aug. 13	1325	361	129	2526
Latch-hook.....	E. A. Hill.....	873,235	Dec. 10	1916	402	131	1503
Latch-keeper.....	E. W. Vest.....	870,652	Nov. 12	1242	336	131	439
Latch-lock.....	H. Schmitt.....	854,847	May 28	4976	1035-6	128	1369
Latch-lock.....	F. W. Dressel.....	868,975	Oct. 22	2780	767	130	2235
Latch-lock-spindle fastening.....	A. Issleib.....	858,396	July 2	48	14	129	18
Latch mechanism.....	H. G. Voight.....	854,008	May 21	3335	685	128	924
Latch mechanism. Knob-operable.....	H. G. Voight.....	843,047	Feb. 5	410	89	126	1896
Latch mechanism. Secret.....	H. G. Voight.....	856,558	June 11	2211	454	128	2288
Latch. Mortise night.....	C. A. Berry.....	842,442	Jan. 29	5399	1144	126	1530
Latch-operating attachment for doors.....	F. S. Smith.....	853,479	July 2	202	47	129	75
Latch or bolt and handle. Combined.....	J. Faix.....	847,751	Mar. 19	4092	893	127	1089
Latch. Roller.....	G. J. Record.....	842,009	Jan. 22	4451	957	126	1251
Latch. Sliding-door.....	R. Campbell.....	840,297	Jan. 1	1014	222	126	272
Latch. Spring.....	T. B. Stevens.....	874,633	Dec. 24	4765	1002	131	2031
Latch-stand. Automatic.....	M. W. Long.....	851,294	Apr. 23	5186	1088-9	127	3020
Latches. Bolt for rim.....	W. A. Marbach.....	840,225	Jan. 1	885	191	126	240
Lath-boards. Machine for making.....	H. R. Karstens.....	857,738	June 25	4473	944	128	2929
Lath-bolter. Gang.....	C. W. Willett.....	868,956	Oct. 22	2756	760	130	2228
Lath-cutter.....	H. Oldham.....	858,903	July 2	925	242	129	319
Lath. Metal.....	J. M. Rude.....	849,427	Apr. 9	1605	325	127	2034
Lath-mill.....	C. W. Willett.....	865,142	Sept. 3	576	161-2	130	175
Lath. Plaster.....	F. W. Farrington and S. B. Bur- chard.....	857,611	June 25	4221	893	128	2864
Lathing.....	T. E. Ritchie.....	849,856	Apr. 9	2433	497	127	2243
Lathing. Machine for pressing woven.....	H. W. Carpenter.....	862,806	Aug. 6	1168	314	129	2441
Lathing machine. Sheet.....	J. D. O'Brien.....	849,422	Apr. 9	1595	323-4	127	2031
Lathing-sheet. Wood.....	J. D. O'Brien.....	849,421	Apr. 9	1594	323	127	2030
Lathe.....	E. Greenleaf.....	842,883	Feb. 5	82	19	126	1812
Lathe.....	G. M. Penn and C. D. Youngs.....	855,101	May 28	5523	1146-7	128	1508
Lathe.....	F. J. Barnett.....	858,358	June 25	5729	1220-2	128	3251
Lathe.....	P. Krepp.....	860,921	July 23	4013	1099-1100	129	1420
Lathe.....	H. Bertram.....	862,437	Aug. 6	557	149	129	2263
Lathe and shaper tool.....	F. Schulz.....	872,760	Dec. 3	926	193	131	1314
Lathe appliance.....	A. T. Anderson.....	863,575	Aug. 20	2319	635	129	2865
Lathe attachment.....	R. F. Devine.....	861,641	July 30	5161	1416	129	1823
Lathe attachment. Turning.....	J. Morgan.....	850,035	Apr. 9	2715	570	127	2312
Lathe. Automatic.....	G. W. Fringle.....	840,369	Jan. 1	1181	257-60	126	312
Lathe. Boring.....	E. Mueller.....	849,414	Apr. 9	1579	320	127	2027
Lathe carriage-feed mechanism.....	W. Runge.....	854,532	May 21	4334	896-7	128	1177
Lathe-center. Self-oiling.....	E. Keil.....	868,448	Oct. 15	1939	541	130	1946
Lathe-dog.....	R. G. Nye.....	872,007	Nov. 26	3935	948	131	1029
Lathe. Double-arbor.....	R. R. Penn.....	874,791	Dec. 24	5076	1069	131	2083
Lathe-driver.....	D. Bacon.....	869,862	Oct. 29	4171	1152-3	130	2688
Lathe. Driving-wheel.....	D. H. Teas.....	853,273	May 14	1820	379	128	494
Lathe. Engine.....	G. T. Reiss and A. Wood.....	866,885	Sept. 24	3266	919	130	1119
Lathe for marble or the like.....	J. Hartness.....	872,233	Nov. 26	4403	1046	131	1104
Lathe for turning irregular shapes.....	J. R. Peirce.....	871,522	Nov. 19	2908	727-8	131	841
Lathe for working pipes or bars. Automatic.....	M. H. Lyons.....	853,987	May 21	3291	677	128	914
Lathe heating device. Spinning.....	A. H. Blackburn.....	846,000	Mar. 5	574	120-1	127	147
Lathe milling attachment.....	R. Thiel.....	840,270	Jan. 1	965	210	126	261
Lathe. Multiple-spindle screw-making and metal- turning.....	G. Amosen.....	849,355	Apr. 9	1478	300	127	1999
Lathe sanding attachment.....	H. P. Trueman and E. D. Cleg- horn.....	859,351	July 9	1611	428-30	129	575
Lathe. Screw-cutting.....	A. W. Silvis and F. A. Dudley.....	859,466	July 9	1773	475-6	129	628
Lathe-spindle.....	J. C. Smith.....	844,831	Feb. 19	4211	898-9	126	2911
Lathe thread-cutting tool.....	J. Hartness.....	840,322	Jan. 1	1070	233	126	286
Lathe-tool.....	P. J. Kelly.....	847,586	Mar. 19	3739	821	127	1006
Lathe-tool.....	F. F. Tift.....	849,940	Apr. 9	2570	533	127	2278
Lathe-tool.....	W. P. Gehris.....	852,948	May 7	1181	243	128	300
Lathe-tool.....	W. Collins.....	867,798	Oct. 8	873	247	130	1601
Lathe-tool and holder.....	J. P. Aylesworth.....	871,662	Nov. 19	3163	784	131	884
Lathe tool-holder.....	B. A. Hemenway.....	867,725	Oct. 8	755	211	130	1564
Lathe tool-holder.....	G. T. Reiss and W. L. Clark.....	844,689	Feb. 19	3923	830	126	2836
Lathe tool-holder.....	R. E. Colton.....	848,010	Mar. 26	4670	1018	127	1266
Lathe tool-holder.....	W. T. Russell.....	871,892	Nov. 26	3657	891	131	991
Lathe turning attachment.....	A. E. Thayer.....	847,527	Mar. 19	3616	797-8	127	973
Lathe-turret.....	C. E. Benson.....	851,217	Apr. 23	5027	1058	127	2977
Lathe-washer.....	E. C. Adams.....	846,440	Mar. 12	1459	325	127	399
Lathe. Wood-column-turning.....	H. Bible.....	865,673	Sept. 10	1429	405	130	467
Lathes. Adjustable feed-carriage for.....	C. A. Fischer.....	874,176	Dec. 17	3838	809	131	1848
Lathes. Armature-banding apparatus for.....	C. Remelius.....	858,910	July 2	937	244-5	129	322
Lathes. Cylinder-grinding attachment for.....	G. P. Dorris.....	844,265	Feb. 12	2811	599	126	2530
Lathes. Feed device for.....	J. N. Warner.....	863,681	Aug. 20	2478	684	129	2919
Lathes. Mechanism for holding crank-shaft pins in turning.....	A. Tindel.....	841,826	Jan. 22	4098	881	126	1167
Lathes. Sanding attachment for wood-turning.....	M. H. Sheridan.....	863,228	Aug. 13	1824	490	129	2685
Lathes. Tail-stock for wood-turning.....	O. Larson.....	855,858	June 4	811	169	128	1899
Latrine for use in the field.....	F. C. Herrick.....	873,749	Dec. 17	2951	625	131	1709
Launches. Adjustable top for.....	W. P. Walter.....	869,399	Oct. 29	3452	948	130	2472
Launches and vehicles. Starting and controlling in- ternal-combustion-engine-driven.....	M. W. Hanks.....	840,694	Jan. 8	1816	400	126	508
Launching apparatus.....	A. T. Broch.....	858,853	July 2	859	224	129	296
Laundry-bag.....	W. E. Voss.....	850,697	Apr. 16	4020	840	127	2687
Laundry device.....	A. R. Wilson.....	865,069	Sept. 3	486	134	130	148
Laundry-indicator.....	G. R. Dixon.....	859,210	July 9	1385	368	129	497

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Laundry-iron.....	J. R. Adams.....	869,679	Oct. 29	3911	1076	130	2612
Laundry-iron. Electric.....	E. H. Richardson.....	866,810	Sept. 24	3164	889	130	1088
Laundry-machine.....	R. C. Beekman.....	870,536	Nov. 12	1043	285	131	368
Laundry-marker.....	G. L. Dixon.....	854,339	May 21	3977	821	128	1090
Laundry-marking machine.....	T. L. Taylor.....	857,421	June 18	3835	813-14	128	2736
Laundry-marking machine.....	T. L. Taylor.....	857,497	June 18	3985	847-8	128	2774
Laundry-marking machine.....	C. A. Bunker.....	860,443	July 16	3266	892-3	129	1142
Laundry-marking machine.....	C. H. Maiben.....	874,220	Dec. 17	3939	832	131	1864
Laundry-registering device.....	T. O. Branch.....	857,590	June 25	4176	884	128	2853
Laundry-stand.....	C. Erickson.....	853,300	May 14	1902	395	128	520
Laundry-tub.....	W. Vanderman.....	858,926	July 2	959	250	129	329
Laundrying device.....	R. Moskowitz.....	847,493	Mar. 19	3551	778	127	955
Lavatories and like fixtures for domestic use. Construction of.....	A. H. Cline, Jr., and J. H. Danver.....	842,527	Jan. 29	5575	1179	126	1572
Lavatories. Knee-action supply-fixture for.....	W. G. Newton.....	853,726	May 14	2752	566	128	741
Lavatories. Plumbing-fixture for.....	R. F. Gillin.....	866,642	Sept. 24	2901	817	130	998
Lavatory.....	J. F. Kelly and H. S. Maddock.....	842,558	Jan. 29	5631	1190-1	126	1585
Lavatory.....	H. Price.....	857,006	June 11	3044	641	128	2497
Lavatory.....	P. E. Law.....	871,876	Nov. 26	3630	885	131	986
Lavatory.....	E. G. Watrous.....	873,915	Dec. 17	3272	699	131	1763
Lavatory and means for supporting same.....	J. Maddock.....	847,018	Mar. 12	2600	570	127	690
Lavatory apparatus.....	C. S. Hill.....	849,330	Apr. 2	1417	285-6	127	1948
Lavatory appurtenance.....	J. S. Burn.....	872,894	Dec. 3	1213	258	131	1357
Lawn-cleaner.....	C. H. Mosher.....	850,777	Apr. 16	4154	868-9	127	2720
Lawn-edge trimmer.....	F. W. Theberath.....	872,861	Dec. 3	1149	243	131	1346
Lawn-edge trimmer and trench-cutter.....	D. M. Motherwell.....	861,304	July 30	4623	1264	129	1654
Lawn edger and trimmer.....	T. Thomassen and G. F. Keil.....	859,263	July 9	1465	390	129	527
Lawn-rake.....	R. H. Haven and F. Rockwell.....	856,464	June 11	2031	418	128	2243
Lawn-shears.....	F. C. Brown.....	875,240	Dec. 31	6000	1251	131	2254
Lawn-sprinkler.....	F. M. Huntoon.....	850,007	Apr. 9	2674	561	127	2303
Lawn-sprinkler.....	C. C. Cheney.....	860,445	July 16	3274	894	129	1146
Lawn-sweeper.....	W. Blalack.....	863,256	Aug. 13	1867	503	129	2696
Lawn-sweeper.....	T. T. Eldred.....	872,409	Dec. 3	189	37-8	131	1198
Lawn-trimmer.....	S. O. Sawyer.....	851,840	Apr. 30	6299	1314	127	3330
Lawn-trimmer.....	O. Kampfe.....	859,665	July 9	2085	563	129	728
Lawn-trimmer.....	W. H. Hamilton.....	868,554	Oct. 15	2103	587	130	1999
Lawn-trimmer. Edge.....	B. A. Sahlmann and L. S. Caple.....	864,266	Aug. 27	3371	937	129	3224
Lawn-trimming machine.....	J. P. Cady.....	856,940	June 11	2906	609	128	2460
Lazy-back.....	H. D. Brady and C. Gerstenmaier.....	846,904	Mar. 12	2395	526	127	638
Lazy-tongs elevator.....	A. Jefferis.....	862,639	Aug. 6	906	242	129	2365
Leach-clearing apparatus. Portable.....	O. Seidel, Jr.....	844,693	Feb. 19	3930	831-2	126	2838
Lead acetate. Manufacturing.....	A. Wultze.....	861,345	July 30	4696	1283	129	1678
Lead-cutters. Gage attachment for.....	G. M. Durell.....	860,739	July 23	3732	1023	129	1328
Lead. Manufacture of white.....	F. W. Morris.....	871,947	Nov. 26	3775	918	131	1008
Lead. Manufacturing arsenic compounds of.....	C. D. Vreeland.....	870,915	Nov. 12	1662	457	131	571
Lead oxid. Making.....	C. A. Hall.....	852,325	Apr. 30	7255	1524	127	3569
Lead pigments. Making.....	A. S. Ramage.....	870,316	Nov. 5	697	.....	131	228
Lead product.....	J. W. Bailey.....	846,384	Mar. 5	1319	291	127	333
Lead-pulverizing apparatus. Metallic.....	J. W. Bailey.....	864,443	Aug. 27	3635	1011	129	3309
Lead, slug, rule, and furniture case.....	W. M. Oungst.....	845,972	Mar. 5	508	104	127	131
Lead holder and temporary binder. Loose.....	J. S. McDonald.....	864,024	Aug. 20	2982	824	129	3076
Leaf-support.....	O. R. Hunt.....	849,736	Apr. 9	2187	451	127	2179
Leaf-turner.....	A. F. Suckow.....	859,854	July 9	2366	643	129	818
Leaf-turner.....	J. H. Albrecht and B. E. Erickson.....	866,554	Sept. 17	2752	770-1	130	922
Leaf-turning apparatus.....	G. H. Meyer.....	872,665	Dec. 3	731	152	131	1282
Leak-detector and metering mechanism.....	H. A. Desper.....	842,947	Feb. 5	207	47	126	1841
Leak-stopper.....	F. Maihama.....	868,574	Oct. 15	2129	595	130	2006
Leakage-indicator for high-tension lines.....	J. E. Woodbridge and J. B. Taylor.....	851,149	Apr. 23	4875	1026	127	2942
Lease-rod-supporting device.....	W. L. Gilbert.....	867,196	Sept. 24	3765	1064	130	1275
Leather and apparatus therefor. Process of stuffing.....	G. Bearhope.....	874,882	Dec. 24	5244	1105	131	2112
Leather and making same.....	L. Feval.....	848,357	Mar. 26	5305	.....	127	1424
Leather-clamp.....	C. B. Rathbun.....	854,603	May 21	4470	931	128	1211
Leather. Coloring.....	W. M. Norris.....	851,995	Apr. 30	6621	1378	127	3412
Leather-coloring matter. Pulverulent.....	C. Reinhold.....	868,008	Oct. 15	1254	.....	130	1739
Leather crimping and clamping machine.....	C. E. Albright.....	869,040	Oct. 22	2885	796-7	130	2268
Leather-dressing. Liquid.....	G. W. Childs.....	875,653	Dec. 31	6911	.....	131	2387
Leather-dressing machine.....	W. B. Turner.....	854,855	May 28	4989	1038-9	128	1372
Leather-drying rack.....	R. Buchhold.....	850,131	Apr. 16	2926	611	127	2404
Leather-finishing composition and making the same.....	W. W. Crooker.....	848,445	Mar. 26	5474	.....	127	1469
Leather. Hardening.....	D. Bryan.....	857,153	June 18	3334	.....	128	2610
Leather in different colors or shades. Dyeing granulated.....	G. Feldmann.....	854,032	May 21	9384	.....	128	935
Leather, &c., into continuous strips. Machine for cutting.....	F. W. Merrick.....	874,102	Dec. 17	3704	779-80	131	1823
Leather. Machine for buffing strips of.....	R. K. Johnstone.....	868,667	Oct. 22	2311	641	130	2088
Leather. Manufacturing artificial.....	L. Gevaert-Naert.....	873,582	Dec. 10	2614	.....	131	1620
Leather or hide suspending hook.....	E. L. Post.....	868,004	Oct. 15	1250	346	130	1738
Leather-polish.....	J. Newberry.....	854,755	May 28	4791	.....	128	1322
Leather preserving and finishing compound.....	T. P. Garrett.....	865,881	Sept. 10	1766	.....	130	583
Leather. Producing a dull finish on coated.....	L. Feval.....	847,987	Mar. 19	4593	1008	127	1238
Leather-repair outfit. Patent.....	J. J. Brock.....	861,353	July 30	4712	1286	129	1683
Leather-rolling machine.....	G. A. Schieren.....	856,810	June 11	2682	554	128	2408
Leather seasoning and finishing machine.....	F. F. Slocomb.....	842,031	Jan. 22	4491	964-6	126	1259
Leather-shaving machine.....	C. A. Woods.....	856,382	June 11	1874	387	128	2205
Leather-shredding apparatus and method.....	G. E. Sovereign.....	845,721	Feb. 26	5958	1258-9	126	3308
Leather skiving and splitting machines. Feed mechanism for.....	A. Hirth.....	854,500	May 21	4279	886	128	1164
Leather-skiving machine.....	D. Daniels.....	850,627	Apr. 16	3876	809-10	127	2651
Leather-skiving machine.....	P. J. Lapham.....	852,277	Apr. 30	7167	1504	127	3548
Leather-skiving machines. Feed-roll for.....	A. Hirth.....	875,528	Dec. 31	6558	1369	131	2345
Leather-splitting machine.....	J. J. Heys.....	844,128	Feb. 12	2509	539	126	2453
Leather-splitting machine.....	A. F. Hertig.....	855,576	June 4	248	49	128	1758
Leather-stretching-machine clutch.....	E. L. Post.....	852,800	May 7	875	178	128	223
Leather-treating machine.....	W. B. Turner.....	840,029	Jan. 1	469	102	126	127

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Leather-trimmer	A. Larson	850,591	Apr. 16	3794	792	127	2631
Leather-working machine	F. C. Packard	867,527	Oct. 1	453	129-30	130	1455
Leather-working machine	E. E. Chain	868,842	Oct. 22	2585	713	130	2175
Leather-working machine	J. Rood and F. J. Perkins	873,790	Dec. 17	3025	642-3	131	1722
Leather-working machines. Wetter-up for	W. C. Giegler	849,348	Apr. 2	1459	296	127	1958
Leaves. Contrivance for turning pamphlet or book.	B. Sharp	871,148	Nov. 19	2083	561	131	715
Leaves. Machine for assembling	P. Ashelm	846,716	Mar. 12	1998	440	127	537
Leaves. Treatment of	G. R. McGahan	848,386	Mar. 26	5360	1168	127	1437
Ledger and index. Combination	A. F. Thompson	840,175	Jan. 1	774	169-70	126	209
Ledger clasp. Loose-leaf	J. L. Taylor	861,198	July 23	4440	1217	129	1559
Ledger-leaf	J. Barker	854,710	May 28	4706	979	128	1299
Ledger. Loose-leaf	R. B. Wilson	847,628	Mar. 19	3850	841	127	1032
Ledger. Loose-leaf	H. F. Bushong	851,275	Apr. 23	5142	1082	127	3006
Ledger. Loose-leaf	H. F. Bushong	867,107	Sept. 24	3614	1025	130	1225
Ledger. Loose-leaf	W. Boehmer	874,919	Dec. 24	5360	1120-1	131	2124
Ledger. Loose-leaf indexed	J. F. Gloe	856,861	June 11	2769	576	128	2428
Ledger-plate fastener	F. B. Rogers	841,898	Jan. 22	4244	913	126	1202
Leer	S. F. Field	843,264	Feb. 5	879	179	126	2017
Leg and foot rest	H. B. Watson	866,316	Sept. 17	2424	677	130	819
Leg. Artificial	J. T. Appar	842,608	Jan. 29	5746	1214	126	1614
Leg. Artificial	J. T. Appar	842,609	Jan. 29	5747	1214	126	1614
Leg. Artificial	F. Buchstein	850,994	Apr. 23	4571	958	127	2865
Leg-form	G. M. Luce	843,221	Feb. 5	788	162	126	1995
Leg supporter. Artificial	E. H. Erickson	854,282	May 21	3885	801	128	1065
Legging	F. J. Stewart	847,843	Mar. 19	4291	941	127	1137
Legging	M. Rosenwasser	857,963	June 25	4936	1044	128	3043
Legging	A. M. Docter	867,485	Oct. 1	383	111	130	1433
Legging	T. W. Hamilton	872,727	Dec. 3	864	179	131	1303
Legging	M. Rosenwasser	875,555	Dec. 31	6602	1380	131	2353
Lens, also applicable as double objectives. Single cemented objective	O. G. Heimstädt	849,900	Apr. 9	2508	518	127	2262
Lens. Bifocal	H. C. Joerden	839,998	Jan. 1	390	85	126	106
Lens-case	F. A. Stevens	860,264	July 16	2991	818	129	1054
Lens-centering instrument	A. Pellow	843,548	Feb. 5	1431	302	126	2150
Lens-drilling machine	Z. F. Highsmith	874,507	Dec. 24	4527	951-2	131	1990
Lens. Fresnel	W. Churchill	849,977	Apr. 9	2632	550	127	2293
Lens grinder. Bifocal	J. E. Graessle	853,970	May 21	3265	671	128	906
Lens-grinding machine	O. Lavallée	842,676	Jan. 29	5910	1244-5	126	1655
Lens-grinding machine	F. M. Clark	857,791	June 25	4577	968-9	128	2955
Lenses. Adjustable means for attaching	C. J. Troppman	852,588	May 7	442	81	128	117
Lenses. Case for detachable segment	H. G. Huffman	867,375	Oct. 1	229	65-6	130	1383
Lenses for optical lanterns. Mount for condensing	G. Guilbert	859,215	July 9	1390	369	129	499
Lenses. Forming	W. I. Seymour	861,055	July 23	4235	1160	129	1489
Lenses. Making bifocal	C. F. Dieckmann	865,363	Sept. 10	940	270	130	314
Lenses. Making bifocal	J. R. Schwinzer	869,938	Nov. 5	91	27	131	31
Lenses. Manufacturing bifocal	J. Wimmer	848,335	Mar. 26	5264	1148	127	1416
Letter-box	S. J. Carleton	842,445	Jan. 29	5404	1145	126	1531
Letter-box	N. T. Cheney	854,627	May 21	4512	942	128	1221
Letter-box	E. A. Cassot	859,801	July 9	2277	620	129	791
Letter-box	W. H. Hushour	869,844	Oct. 29	4145	1145	130	2679
Letter-box. House	V. C. Koons	861,290	July 30	4606	1259	129	1649
Letter-box. House	V. C. Koons	865,400	Sept. 10	994	285	130	331
Letter-case	W. A. Tilley	852,304	Apr. 30	7213	1514-15	127	3560
Letter-clasping device	C. B. Elliott and J. T. Loggins	840,759	Jan. 8	1948	429	126	541
Letter, figure, and the like in relief	F. Fischer	863,523	Aug. 13	2240	606	129	2813
Letter-folding device	J. Baum	843,571	Feb. 12	1484	313	126	2197
Letter-sheet	R. Reed	872,370	Dec. 3	112	21	131	1184
Letter-sheet	C. M. Tubbs	875,636	Dec. 31	6869	1433	131	2380
Letter-sheet and envelop. Combined	W. A. Cooke, Jr	849,771	Apr. 9	2258	464	127	2199
Letter-sheet and envelop. Combined	J. T. H. Mitchell. (Reissue)	12,675	July 23	4517	1236	129	1585
Letter-sheet. Separable double	M. A. Howe	858,001	June 25	5025	1062	128	3067
Letters and the like. Machine for folding	O. W. Johnson	861,187	July 23	4419	1213-14	129	1552
Leuco derivative from gallocyanin	W. Lommel	856,536	June 11	2156	128	127	2273
Leuco derivatives of gallocyanins and aromatic amines and making same	H. Lorétan	844,155	Feb. 12	2562	126	126	2466
Leuco product from gallic compounds and alkyl-di-amido-arylthiosulfonic acids, &c.	C. De la Harpe and R. Burckhardt	842,303	Jan. 29	5069	126	1437	
Leucogallocyanins. Making	C. De la Harpe	863,907	Aug. 20	2827	129	3031	
Levee-building machine	C. C. Jacobs	852,791	May 7	852	172-3	128	218
Level	C. J. Stricker	841,598	Jan. 15	3604	783	126	1007
Level	A. G. Beckman and J. S. Schell	842,062	Jan. 22	4552	978	126	1274
Level	J. W. Powell	864,744	Aug. 27	4141	1149	129	3464
Level	W. G. Wagner	866,541	Sept. 17	2739	766	130	918
Level	E. Helb	868,089	Oct. 15	1377	385-6	130	1776
Level	S. H. Gardner	871,924	Nov. 26	3729	908	131	1001
Level and gage. Combined spirit-	T. D. Rowan	875,462	Dec. 31	6432	1344	131	2324
Level and inclinometer. Gravity plumb	C. B. Watts	851,717	Apr. 30	6054	1264	127	3266
Level and plumb. Combined	W. A. Gibson	857,991	June 25	4995	1055	128	3059
Level and plumb. Combined	J. N. Walker	865,831	Sept. 10	1701	472	130	564
Level and square	C. J. Cramer	875,243	Dec. 31	6004	1252	131	2255
Level and triangle. Combination hand-	W. Thorburn	857,687	June 25	4364	923	128	2901
Level and triangle. Hand-	W. Thorburn	857,688	June 25	4366	923	128	2901
Level-glass	J. W. Plimpton	860,990	July 23	4145	1135	129	1463
Level-head	A. C. Young	864,588	Aug. 27	3897	1081-2	129	3391
Level. Plumb	L. B. Nelson	841,562	Jan. 15	3535	764	126	990
Level. Plumb	C. Larsen	852,512	May 7	269	49	128	74
Level. Plumb	F. M. McLeroy	857,891	June 25	4761	1010	128	2999
Level. Spirit-	F. L. Maroney	859,886	July 9	2416	657	129	832
Level. Water	J. Finer	859,903	July 9	2442	664	129	840
Leveling and scraping machine	M. P. Zindorf	843,784	Feb. 12	1866	398	126	2295
Leveling andstadia rod. Combined	J. H. Robertson	868,365	Oct. 15	1811	509	130	1907
Leveling apparatus	C. L. Hower	841,868	Jan. 22	4180	900	126	1189
Leveling apparatus	C. L. Hower	841,869	Jan. 22	4184	901	126	1189
Leveling device	H. Brown	852,013	Apr. 30	6659	1386-7	127	3420
Leveling device	H. C. Bunting	866,429	Sept. 17	2583	721	130	872
Leveling instrument	F. W. Nordstrom	859,832	July 9	2326	632	129	808

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Leveling instrument	G. A. Jenning	872,183	Nov. 26	4287	1024	131	1087
Leveling mechanism	W. E. Martin	865,196	Sept. 3	659	187	130	200
Leveling-rod	F. Wulff	861,929	July 30	5593	1545	129	1951
Leveling-rod. Surveyor's	J. Oss	864,485	Aug. 27	3694	1029-30	129	3329
Lever	W. A. Gillentine	862,468	Aug. 6	614	163	129	2280
Lever	T. Brennan, Jr.	867,009	Sept. 24	3461	980	130	1181
Lever. Hand-	H. M. Dodd	856,451	June 11	2012	414	128	2239
Lever-jack	A. A. McIntosh	843,292	Feb. 5	940	190	126	2029
Lever-jack	W. Trehwella	853,526	May 14	2330	485-6	128	632
Lever-locking device	W. M. Remington	858,538	July 2	295	73	129	104
Lever mechanism	A. R. and F. S. Welch	841,362	Jan. 15	3174	683-4	126	896
Lever mechanism	F. A. Falk	874,175	Dec. 17	3837	809	131	1848
Lever-operating mechanism. Vibrating	L. Onderdonk	848,263	Mar. 26	5107	1115	127	1377
Levers. Adjusting-gage for	E. C. Mershon	875,364	Dec. 31	6246	1303	131	2292
Lewis	F. E. Whidden	845,724	Feb. 26	5965	1260	126	3389
Lice-killing machine	C. H. Lee	851,098	Apr. 23	4772	1003	127	2915
Lid-supporter and price-tag holder	F. Canfield	871,752	Nov. 19	3330	821	131	912
Life-belt	A. Gros	840,318	Jan. 1	1064	232	126	284
Life-line-projecting device	B. Behr	843,385	Feb. 5	1095	227	126	2067
Life-lines. Means for projecting and anchoring	A. Meyer and F. N. Rogers	851,824	Apr. 30	6264	1306	127	3322
Life-lines. Means for projecting and anchoring	A. Meyer and F. N. Rogers	858,009	June 25	5044	1066	128	3072
Life-lines. Means for throwing	C. H. Banks	854,624	May 21	4504	939	128	1219
Life-net	C. Harrison	871,870	Nov. 26	3615	883	131	984
Life-preserver	M. Cline	844,580	Feb. 19	3717	781	126	2785
Life-preserver	K. J. Johansson	855,180	May 28	5676	1180	128	1547
Life-preserver	A. Necker	874,026	Dec. 17	3491	743	131	1799
Life-preserver. Automatic propelling	W. Luce	845,659	Feb. 26	5837	1233	126	3356
Life-preserving steamer-chair	A. L. Richolson	841,343	Jan. 15	3133	676	126	886
Life-saving apparatus	L. D'Elia	863,787	Aug. 20	2644	731	129	2973
Life-saving apparatus	D. Kerekes and J. Kender	866,935	Sept. 24	3348	946	130	1144
Life-saving apparatus. Marine	C. Fuchs	867,966	Oct. 15	1192	329	130	1719
Life-saving garment	T. F. Hoyt	860,136	July 16	2805	765	129	993
Life-saving station	F. C. Martin	859,001	July 2	1078	283-4	129	367
Life-saving suit	M. A. Tieck	870,804	Nov. 12	1490	406-7	131	517
Lifter:							
See Animal-lifter.	Pie-lifter.						
Box-cover lifter.	Pipe-lifter.						
Can-lifter.	Plate-lifter.						
Clothes-lifter.	Plate and pan lifter.						
Comb-frame lifter.	Pot or pan lifter.						
Combination-lifter.	Railway-tie lifter.						
Egg-lifter.	Sash-lifter.						
Glass-lifter.	Stove-lid lifter.						
Grain-lifter.	Transom-lifter.						
Invalid-lifter.	Well-pipe lifter.						
Pan-lifter.	Window-lifter.						
Pan and vessel lifter.							
Lifter	T. B. Whitlock and W. D. Becker	843,509	Feb. 5	1344	282	126	2129
Lifter	J. Bogel	844,239	Feb. 12	2741	585	126	2513
Lifter	F. H. Mayer	870,450	Nov. 5	916	248	131	300
Lifter and carrier	W. F. Peeler	848,124	Mar. 26	4857	1060	127	1313
Lifter or holder	F. W. Pew	842,909	Feb. 5	135	30	126	1825
Lifting and moving jack. Combined	A. W. Whiteford	873,194	Dec. 10	1850	388	131	1490
Lifting apparatus	L. O. Beaudet	851,912	Apr. 30	6438	1343-4	127	3366
Lifting apparatus	L. R. Shelden	855,990	June 4	1058	220	128	1961
Lifting device	J. Hartogh	862,557	Aug. 6	777	207	129	2324
Lifting-jack	P. M. Egan	841,078	Jan. 8	2582	566	126	701
Lifting-jack	L. J. Dunn	844,784	Feb. 19	4130	880-1	126	2891
Lifting-jack	J. A. Taylor	845,144	Feb. 26	4819	1022	126	3106
Lifting-jack	W. R. Leroy	845,657	Feb. 26	5834	1232	126	3355
Lifting-jack	L. O. Hara	847,662	Mar. 19	3908	854	127	1048
Lifting-jack	A. E. Schocke	848,499	Mar. 26	5563	1214	127	1489
Lifting-jack	E. C. Yeager	848,524	Mar. 26	5613	1228	127	1501
Lifting-jack	J. R. Edwards	849,381	Apr. 9	1532	310	127	2014
Lifting-jack	J. G. Owen	849,565	Apr. 9	1890	385-6	127	2106
Lifting-jack	J. H. Burkholder	850,209	Apr. 16	3072	644	127	2441
Lifting-jack	C. W. Booth and C. Gaspar	857,225	June 18	3467	732	128	2645
Lifting-jack	J. J. Bradshaw	853,437	May 14	2147	447	128	583
Lifting-jack	W. Orsborn and L. Graeber	854,904	May 28	5113	1063	128	1406
Lifting-jack	M. E. Davis	859,924	July 16	2477	673	129	885
Lifting-jack	A. Van Fleet	859,996	July 16	2597	706	129	923
Lifting-jack	G. E. Lewis	861,373	July 30	4748	1297	129	1694
Lifting-jack	J. C. Rigg	866,221	Sept. 17	2276	635	130	773
Lifting-jack	M. Carlucci	866,913	Sept. 24	3304	932	130	1130
Lifting-jack	G. R. Booth	867,786	Oct. 8	845	241	130	1593
Lifting-jack	W. M. Cox	870,939	Nov. 12	1716	469	131	586
Lifting-jack	S. D. McMahon	872,839	Dec. 3	1100	230	131	1339
Lifting-jack	G. F. Freed	874,061	Dec. 17	3638	764	131	1811
Lifting-jack	J. H. Burkholder	874,904	Dec. 24	5284	1113	131	2119
Lifting-jack	O. J. Hotaling	845,464	Feb. 26	5473	1159	126	3267
Lifting-jack and cradle for bath-tubs and the like	I. P. Nelson, T. O. Shappell, and J. A. Smalley	863,421	Aug. 13	2090	562-3	129	2769
Lifting-jack and truck. Combined							
Lifting-machine	C. Moller	870,986	Nov. 12	1791	487-8	131	610
Lifting-machine	E. and U. S. De Moulin	873,733	Dec. 17	2922	620	131	1704
Lifting mechanism	J. R. Miller	840,082	Jan. 1	585	127	126	155
Lifting mechanism. Automatic	G. Holmes	850,647	Apr. 16	3927	820	127	2665
Lifting mechanism. Automatic	G. Holmes	871,120	Nov. 19	2013	548	131	705
Lifts or hoists. Take-up device for crane	G. W. Shem	840,807	Jan. 8	2037	450	126	563
Ligature-container	B. K. Hollister	861,853	July 30	5488	1514	129	1919
Light:							
See Compass-light.	Search-light.						
Drop-light.	Sidewalk-light.						
Flash-light.	Signal-light.						
Gas-light.	Vault-light.						
Horizontal light.							
Light-controller	E. P. King	847,287	Mar. 12	3118	687	127	817

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Light-distributing device	J. B. Pearson	858,620	July 2	449	117	129	157
Light-reflecting device	P. J. Schelb	849,700	Apr. 9	2127	437	127	2165
Light regulator. Window	H. Alrich	850,201	Apr. 16	3057	640	127	2437
Light-switch. Automatic	H. E. King	868,870	Oct. 22	2621	724	130	2185
Light system. Subaqueous	L. Dion	867,256	Oct. 1	38	12	130	1327
Light-transmitting and light-diffusing object	E. Böhm	847,395	Mar. 19	3361	736	127	906
Light-transmitting objects. Producing	E. Böhm	847,396	Mar. 19	3362	736	127	906
Lighter	J. W. Hammond	845,461	Feb. 26	5469	1158	126	3266
Lighter or barge	F. A. M. Smulders	850,683	Apr. 16	3989	834	127	2680
Lighting device. Automatic	I. M. Rose	865,802	Sept. 10	1621	459	130	526
Lighting device. Automatic time	W. M. Ginn	845,774	Mar. 5	82	17	127	24
Lighting purposes. Electrical conductor for	I. Ladoff	840,634	Jan. 8	1708	376	126	482
Lighting-system safety cut-off. Storage	R. E. Bruckner	870,878	Nov. 5	11	3	131	6
Lighting-tank regulating-valve	A. T. Bossert	870,526	Nov. 5	1024	279	131	330
Lighting. Vacuum-tube	D. M. Moore	851,685	Apr. 30	5984	1249	127	3247
Lightning-arrester	M. O. Troy	840,028	Jan. 1	468	102	126	127
Lightning-arrester	C. A. Rolfe	847,372	Mar. 19	3313	727	127	893
Lightning-arrester	J. H. Pearson	848,045	Mar. 26	4726	1030	127	1281
Lightning-arrester	A. W. Ball and M. T. Seymour	851,392	Apr. 23	5380	1128	127	3068
Lightning-arrester	W. Gifford	855,300	May 28	5888	1227	128	1602
Lightning-arrester	G. L. Foote	857,045	June 18	3124	659	128	2556
Lightning-arrester	J. V. E. Titus	857,849	June 25	4689	994	128	2982
Lightning-arrester	W. J. Meyer	860,683	July 23	3650	1000	129	1304
Lightning-arrester	C. P. Steinmetz	860,997	July 23	4153	1138	129	1465
Lightning-arrester	E. J. Berg	863,773	Aug. 20	2616	724	129	2963
Lightning-arrester	W. J. Bell	865,291	Sept. 3	809	233	130	244
Lightning-arrester	A. Ames, Jr.	866,556	Sept. 17	2755	771	130	922
Lightning-arrester	C. I. Stocking	869,031	Oct. 22	2867	791	130	2262
Lightning-arrester connection	E. A. Baldwin	840,036	Jan. 1	483	105	126	131
Lightning-arrester, fuse-box, and insulator. Combined	R. R. Burrin and T. F. Gaebler	851,492	Apr. 23	5565	1167	127	3111
Lightning-arresting switch	W. D. Shirk	860,157	July 16	2833	774	129	1003
Lightning-conductor	W. P. Finn	852,548	May 7	339	60-1	128	92
Lightning-conductor	W. H. McCullough	852,572	May 7	403	74	128	106
Limb. Artificial	T. S. Sandberg	864,035	Aug. 20	3002	830	129	3082
Limb. Artificial	W. G. Wyatt	875,482	Dec. 31	6471	1352	131	2330
Lime and carbon. Continuously producing carbid from	A. J. Petersson	858,623	July 2	455	118	129	158
Lime and cement forming material. Calcining	C. Ellis	843,878	Feb. 12	2050	439	126	2340
Lime. Hydrating	W. S. Osborne	845,190	Feb. 26	4910	1041	126	3129
Lime-hydrating apparatus	M. Mauran	840,076	Jan. 1	576	125	126	153
Lime-hydrating apparatus	W. S. Osborne	845,189	Feb. 26	4908	1040-1	126	3129
Lime-hydrating machine	P. C. Forrester	848,358	Mar. 26	5308	1157	127	1425
Lime-hydrating machine	J. H. Van Glahn	872,390	Dec. 3	146	28	131	1191
Lime product	E. F. Price	866,599	Sept. 17	2825	130	131	944
Lime-spreader	J. H. and D. E. Kefauver	843,680	Feb. 12	1681	356-7	126	2249
Lime sucrate. Apparatus for making	E. Morrison	865,793	Sept. 10	1609	455-6	130	522
Lime. Treating	M. R. Isaacs	843,277	Feb. 5	910	126	2022	
Limekiln	J. H. Campbell	858,955	July 2	1000	261	129	342
Limit-gage	C. E. Fetherolf	851,507	Apr. 23	5596	1172	127	3119
Limit-switch	G. Baehr	854,015	May 21	3344	687	128	927
Line-carrier	L. D. Shaffer	850,798	Apr. 16	4187	878-9	127	2728
Line-drier	P. V. and L. G. Ericson	867,959	Oct. 15	1183	326	130	1716
Line-fastener	F. Ohliger, J. Skramovsky, and H. F. Wilke	866,053	Sept. 17	2042	569	130	697
Line-fastener	A. Dyer	870,022	Nov. 5	236	63	131	82
Line-holder	J. Simon	841,589	Jan. 15	3592	780	126	1004
Line-holder	J. M. Clausen	846,008	Mar. 5	590	123	127	151
Line-holder	A. Dyer	858,374	July 2	19	7	129	8
Line-holder	D. Altman and A. Silverman	872,604	Dec. 3	599	126	131	1261
Line-locking mechanism	A. Schneeloch	852,400	Apr. 30	7416	1556	127	3610
Line-space-indicating device	C. C. Poole	873,782	Dec. 17	3009	638-9	131	1720
Line-spacing mechanism	W. W. Hopkins	860,298	July 16	3039	832	129	1068
Line-tester	E. S. Lincoln	874,690	Dec. 24	4882	1027	131	2050
Lineman's chair	G. P. Yeakel and W. C. L. Ireland	844,641	Feb. 19	3812	806-7	126	2808
Lineman's safety device	W. F. Newton	869,382	Oct. 29	3416	939	130	2460
Lining-tube	F. W. Walquist	841,744	Jan. 22	3906	847-8	126	1116
Linen and producing the same. Waterproof-coated	E. A. Clossmann	861,435	July 30	4866	129	1728	
Linen articles. Machine for folding, drying, and ironing	E. Collon	858,705	July 2	593	156	129	205
Link	W. A. Duffield	855,290	May 28	5874	1224	128	1598
Link	A. H. MacDonald	866,151	Sept. 17	2181	608	130	743
Link. Fusible	F. F. Smith	858,765	July 2	694	184	129	241
Linoleum and carpet stretcher	R. W. Giddings and W. F. Emerick	843,743	Feb. 12	1792	382	126	2277
Linoleum. Manufacture of	W. D. Snow	845,202	Feb. 26	4938	1047-8	126	3135
Linotype-machine	J. R. Rogers	845,196	Feb. 26	4925	1044	126	3133
Linotype-machine	R. J. Foster and H. Lauzon	845,227	Feb. 26	4984	1060	126	3147
Linotype-machine	J. R. Rogers	846,053	Mar. 5	683	143	127	175
Linotype-machine	J. R. Rogers	846,054	Mar. 5	685	144	127	175
Linotype-machine	J. R. Rogers	846,055	Mar. 5	688	144	127	176
Linotype-machine	C. T. Libby	846,584	Mar. 12	1754	388	127	475
Linotype-machine	J. Allan	846,972	Mar. 12	2524	557	127	672
Linotype-machine	D. S. Kennedy	848,308	Mar. 26	5213	1137-8	127	1403
Linotype-machine	D. S. Kennedy	848,309	Mar. 26	5214	1138	127	1403
Linotype-machine	D. S. Kennedy	848,310	Mar. 26	5215	1138-9	127	1404
Linotype-machine	R. M. Bedell	848,338	Mar. 26	5268	1148	127	1417
Linotype-machine	R. G. Clark	848,349	Mar. 26	5291	1154	127	1432
Linotype-machine	J. R. Rogers	848,771	Apr. 2	304	62-4	127	1664
Linotype-machine	D. S. Kennedy	849,795	Apr. 9	2307	473	127	2210
Linotype-machine	D. S. Kennedy	850,114	Apr. 9	2882	602	127	2353
Linotype-machine	T. S. Homans	851,238	Apr. 23	5062	1065-6	127	2986
Linotype-machine	W. S. Coe	852,822	May 7	917	188	128	234
Linotype-machine	B. Van Wie	853,749	May 14	2799	575	128	753
Linotype-machine	D. S. Kennedy	853,801	May 14	2884	592-3	128	774
Linotype-machine	R. M. Bedell	858,141	June 25	5312	1129	128	3141

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Linotype-machine	T. S. Homans	858,513	July 2	261	64	129	93
Linotype-machine	P. T. Dodge	859,170	July 2	1321	351	129	445
Linotype-machine	J. R. Rogers	859,618	July 9	2007	541	129	704
Linotype-machine	J. R. Rogers	859,619	July 9	2009	542	129	705
Linotype-machine	P. T. Dodge	859,647	July 9	2060	556-7	129	720
Linotype-machine	J. R. Rogers	861,770	July 30	5358	1478-9	129	1879
Linotype-machine	D. A. Poe	863,754	Aug. 20	2585	714-16	129	2954
Linotype-machine	J. R. Rogers	864,564	Aug. 27	3861	1070-2	129	3380
Linotype-machine	P. T. Dodge	865,086	Sept. 3	507	139-40	130	154
Linotype-machine	P. T. Dodge	870,019	Nov. 5	231	62	131	81
Linotype-machine	G. G. Babcock	873,203	Dec. 10	1867	391-2	131	1493
Linotype-machine	C. T. Libby and G. G. Babcock	873,251	Dec. 10	1953	408-9	131	1508
Linotype-machine attachment	W. N. Bowman	844,917	Feb. 19	4369	933	126	2949
Linotype-machines and kindred machines. Ejector-blade for	F. P. Howard	859,661	July 9	2080	562	129	726
Linotype-machines. Assembling-elevator for	B. L. Parkinson	872,967	Dec. 3	1356	286-7	131	1380
Linotype-machines. Distributor of double-magazine.	J. P. Tihon	871,899	Nov. 26	3667	894-5	131	993
Linotype-machines. Mechanism for throwing lines of matrices into	G. E. Marlatt	845,307	Feb. 26	5159	1095	126	3191
Linotype-mold	B. Van Wie	843,241	Feb. 5	828	171	126	2004
Linotype or composing machine	H. Drewell	868,538	Oct. 15	2076	582	130	1988
Linotype printing-plates. Forming plate-high	E. C. Bruen	872,794	Dec. 3	989	205	131	1324
Linotype-slug receiver	G. E. Wallin	873,642	Dec. 10	2721	576	131	1639
Lip-turning machine	G. A. Hurley	854,168	May 21	3662	757	128	1004
Liquid-agitator	F. Reed	866,067	Sept. 17	2064	575	130	705
Liquid-applying device	G. A. Burdett	850,814	Apr. 16	4220	887	127	2736
Liquid-applying device	P. R. Glass	874,359	Dec. 17	4208	886	131	1909
Liquid containing and dispensing device	J. H. Bromley	841,111	Jan. 15	2681	586	126	770
Liquid-cooler	A. Jensen	869,089	Oct. 22	2957	816	130	2291
Liquid-cooler	J. D. Spencer	869,745	Oct. 29	4005	1107	130	2638
Liquid-cooling apparatus	H. L. Doherty	844,336	Feb. 19	2969	634	126	2608
Liquid-cooling apparatus	L. A. Anson	848,618	Apr. 2	3	1	127	1585
Liquid-cooling device	A. Koch	871,940	Nov. 26	3761	915	131	1006
Liquid. Device for visually feeding measured quantities of	C. B. Hodges	845,416	Feb. 26	5366	1139	126	3240
Liquid-discharging apparatus	F. P. Smith	848,929	Apr. 2	655	131	127	1755
Liquid-dispenser	J. Fitzpatrick	873,306	Dec. 10	2069	432	131	1527
Liquid-dispensing apparatus	P. J. Flynn	854,412	May 21	4116	853	128	1124
Liquid-dispensing apparatus	E. R. Randall	864,555	Aug. 27	3845	1065	129	3375
Liquid-dispensing apparatus. Coin-controlled	J. J. Mackeown	854,097	May 21	3527	728	128	971
Liquid-dispensing mechanism	W. H. Walter	864,580	Aug. 27	3888	1078-9	129	3388
Liquid-dispensing vessel	H. Waechter	869,535	Oct. 29	3665	1004	130	2536
Liquid-distributor	A. Keller	846,032	Mar. 5	635	133	127	163
Liquid-distributing apparatus	H. Barber	855,496	June 4	101	21	128	1720
Liquid-distributing means	E. J. Moore	867,586	Oct. 8	555	157	130	1504
Liquid distributing or dividing apparatus	H. H. Sutro and L. M. Booth	851,568	Apr. 23	5713	1197	127	3147
Liquid-feeding device	J. F. Smith	875,295	Dec. 31	6102	1273	131	2271
Liquid-flow alarm	R. S. Kelsch	859,816	July 9	2297	625	129	797
Liquid-freezer	M. W. Palmer	841,043	Jan. 8	2512	548-9	126	683
Liquid-fuel burner	E. D. Schmucker	858,220	June 25	5451	1163	128	3176
Liquid-fuel burner	W. Dieckmann and F. C. Ormrod	859,926	July 16	2480	674	129	856
Liquid-fuel burner	J. H. Koons	872,288	Nov. 26	4498	1068	131	1120
Liquid-fuel-burner regulator	T. Clarkson and W. J. Morison	870,083	Nov. 5	325	91	131	108
Liquid-fuel-burning apparatus	F. E. Nelson	857,657	June 25	4301	908	128	2885
Liquid-fuel-feeding system	G. E. Whitney	860,716	July 23	3700	1013-14	129	1318
Liquid-heating system	J. C. Bartlett	854,450	May 21	4194	469	128	1144
Liquid-holding receptacle. Metal	A. P. Crabb	856,513	June 11	2117	435	128	2264
Liquid in a vessel. Apparatus for indicating the depth of	L. Murphy	867,994	Oct. 15	1235	342	130	1733
Liquid-level-indicating gage	C. Cuno	859,921	July 16	2474	672	129	884
Liquid. Means for delivering measured quantities of.	R. P. Park	852,343	Apr. 30	7282	1530	127	3577
Liquid-meter	W. Thomson, R. Blakiston, W. Hope, and G. B. Richards	848,704	Apr. 2	165	35-6	127	1629
Liquid-meter	H. N. Denny	849,602	Apr. 9	1961	402	127	2122
Liquid-meter	J. W. Ledoux	861,866	July 30	5506	1519	129	1924
Liquid-meter	J. W. Ledoux	872,435	Dec. 3	248	50	131	1207
Liquid-meter	J. W. Ledoux and N. Z. Ball	872,436	Dec. 3	250	51	131	1207
Liquid or semiliquid mixer	E. G. Holden	859,943	July 16	2504	679	129	892
Liquid-purifying apparatus	C. Schmidt	851,778	Apr. 30	6155	1285	127	3291
Liquid-receptacle	E. C. Webb	840,532	Jan. 8	1505	333	126	431
Liquid-receptacle	E. C. Webb	840,533	Jan. 8	1506	334	126	431
Liquid-receptacle	E. Newbegin	844,037	Feb. 12	2340	501	126	2412
Liquid-receptacle	H. W. Eden	850,822	Apr. 16	4242	891	127	2743
Liquid-receptacle gate	W. S. Robertson	867,303	Oct. 1	1113	35	130	1349
Liquid ripener, pasteurizer, and cooler	A. Jensen	874,343	Dec. 17	4181	880	131	1904
Liquid selling and delivering apparatus. Automatic	L. O. T. Thompson	857,545	June 18	4082	866-7	128	2800
Liquid-separator	G. W. Dixon	842,086	Jan. 22	4586	986	126	1282
Liquid-separator. Centrifugal	C. H. Hackett	840,057	Jan. 1	531	116	126	141
Liquid-separator. Centrifugal	B. Ljungström	855,189	May 28	5693	1185	128	1551
Liquid-separator. Centrifugal	M. Decker and C. H. Shaw	857,794	June 25	4584	970-1	128	2957
Liquid-separator. Centrifugal	T. Collins and E. L. Hartmann	864,080	Aug. 20	3072	848	129	3103
Liquid-separator. Centrifugal	F. H. Reid	868,483	Oct. 15	1990	554-5	130	1963
Liquid-separator. Centrifugal	E. A. Forsberg	872,173	Nov. 26	4268	1019	131	1084
Liquid-separators. Liner for centrifugal	W. W. Marsh and C. H. Hackett	860,928	July 23	4023	1102	129	1423
Liquid-straining apparatus	E. C. Fahrenheim	870,500	Nov. 5	985	269	131	319
Liquid-trap	M. Goldfein	869,174	Oct. 22	3078	849	130	2328
Liquid-treating apparatus	H. H. Sutro	850,503	Apr. 16	3632	759	127	2559
Liquid-weighing apparatus	W. Leinert	863,032	Aug. 13	1497	406	129	2581
Liquid weighing or measuring machine	F. O. Hague	857,996	June 25	5014	1058	128	3064
Liquids and gases. Automatic flow-regulator for	J. H. Gregory, W. W. Jackson, and F. N. Connet	857,343	June 18	3689	780	128	2701
Liquids and gases. Automatic flow-regulator for	J. H. Gregory, W. W. Jackson, and F. N. Connet	868,776	Oct. 22	2480	684-5	130	2143
Liquids. Apparatus for aspirating, treating, and forcing	E. Richter	846,759	Mar. 12	2093	459	127	562
Liquids. Apparatus for automatic sale of.	E. W. Lindgren	870,185	Nov. 5	485	133	131	159

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Liquids. Apparatus for automatically controlling the flow of	A. Priestman	863,641	Aug. 20	2429	668	129	2904
Liquids. Apparatus for controlling the flow of	A. Priestman	866,065	Sept. 17	2060	574	130	704
Liquids. Apparatus for electrochemically and mechanically purifying	G. L. Neuburg	856,361	June 11	1836	377	128	2194
Liquids, &c. Apparatus for mechanically mixing or combining	F. J. M. Berberich	851,153	Apr. 23	4884	1027	127	2944
Liquids. Apparatus for treating foaming	F. H. Lehnert	847,085	Mar. 12	2737	604	127	722
Liquids. Apparatus for treating foaming	F. H. Lehnert	863,031	Aug. 13	1497	406	129	2581
Liquids by compressed air. Method and apparatus for raising	R. Stirling	857,768	June 25	4528	955-6	128	2942
Liquids. Device for separating materials held in suspension by	C. N. Waite	872,033	Nov. 26	4001	961	131	1038
Liquids. Electrolytic process of purifying	J. T. Harris	857,277	June 18	3568	755	128	2670
Liquids electrolytically. Apparatus for treating	A. O. Tate	857,910	June 25	4507	1019-20	128	3011
Liquids from solid materials. Apparatus for the extraction of	W. M. Barnes	846,447	Mar. 12	1472	327-8	127	402
Liquids from vapors. Apparatus for separating	H. W. Aitken and W. Mackie	869,680	Oct. 29	3911	1076	130	2612
Liquids in receptacles. Apparatus for determining heights of	G. M. Boone	865,229	Sept. 3	713	203	130	215
Liquids. Intermixer for miscible	H. J. Coster and N. R. Dike	864,516	Aug. 27	3766	1046	129	3352
Liquids. Means for preventing waste in dispensing	H. S. Cornish	849,462	Apr. 9	1668	338	127	2052
Liquids of different specific gravities. Apparatus for separating	J. H. Cayford	850,419	Apr. 16	3460	725	127	2546
Liquids. Regulator for automatically controlling the flow and temperature of	W. C. Ricketts	841,817	Jan. 22	4074	877	126	1161
Liquids. Separating	S. M. Kintner and W. W. Hanks	854,295	May 21	3903	805	128	1070
Liquids. Separating the moisture from the constituent solids of	L. C. and L. S. Merrell and W. B. Gere	860,929	July 23	4024	1102	129	1423
Liquids. Storage and transference of inflammable	C. Martini and H. Hüneke	871,353	Nov. 19	2533	651	131	784
Liquids. Thief for testing	T. R. Weymouth	844,433	Feb. 19	3149	677	126	2635
Liquids to surfaces. Apparatus for applying	J. Binks	860,078	July 16	2727	743	129	966
Liquids under pressure. Device for filling and charging	W. F. Kuszmaul, Jr.	868,931	Oct. 22	2719	748	130	2216
Liquids with gas. Means for impregnating	H. Stroh	871,245	Nov. 19	2291	599	131	747
Liquids with gases. Apparatus for treating	A. Pagniez	841,268	Jan. 15	2971	646	126	843
Liquor purifying and aging apparatus	H. D. Laidlaw	867,143	Sept. 24	3661	1039	130	1238
Liquors by electricity. Treating	C. H. C. Koch	859,178	July 2	1333	354	129	449
Lister attachment	R. C. Mills	870,451	Nov. 5	917	248	131	300
Lister, planter, and roller. Combined	M. Brown	848,154	Mar. 26	4897	1068-9	127	1323
Lithographic plates. Graining metallic	C. M. Kneppler	871,598	Nov. 19	3057	759	131	866
Lithographic rollers. Means for mounting stone	H. Wagner	874,267	Dec. 17	4038	853	131	1879
Lithopones by electrolysis. Manufacture of	J. B. and A. Candau	868,253	Oct. 15	1615	130	1849	
Lithopones. Preparation of	R. Alberti	854,011	May 21	3340	128	926	
Litter-carrier	M. G. Shumway	869,939	Nov. 5	93	27	131	31
Litter-carrier	E. B. Mann	870,635	Nov. 12	1212	328	131	429
Litter-carrier. Gravity	E. Jordalen	864,649	Aug. 27	3989	1106	129	3418
Liver-cutting board	J. Meyers	844,529	Feb. 19	3374	727	126	2708
Load-binder	A. L. Cox	839,990	Jan. 1	376	82	126	102
Load-binder	A. L. Cox	839,991	Jan. 1	376	82	126	103
Load-binder	A. L. Cox	851,866	Apr. 30	6353	1325	127	3345
Load-binder	A. L. Cox	851,867	Apr. 30	6355	1325	127	3345
Load-binder	G. W. Leeper	864,474	Aug. 27	3679	1024	129	3325
Load-binding device	W. T. Withers	856,327	June 11	1737	360	128	2167
Load-trimmer	T. Irwin	849,477	Apr. 9	1713	347-8	127	2060
Load-trimmer	T. Irwin	849,478	Apr. 9	1715	348	127	2061
Load-trimmer	F. H. Schlegelmilch	861,906	July 30	5561	1536-7	129	1941
Loader	J. E. Wallin	842,925	Feb. 5	167	39	126	1832
Loader	R. R. Langley	845,556	Feb. 26	5633	1193	126	3307
Loader	E. N. Smith	854,245	May 21	3818	788-9	128	1047
Loader. Hay and grain	I. Gordon	872,651	Dec. 3	694	145	131	1277
Loader. Manure	H. J. Lawrence	874,776	Dec. 24	5051	1064	131	2079
Loader. Shock	K. S. Satre	872,450	Dec. 3	303	60-2	131	1215
Loader. Shock	J. W. Lavarence	875,535	Dec. 31	6569	1372	131	2347
Loader. Shock and hay	F. Forman	874,950	Dec. 31	5436	1136	131	2160
Loading and unloading apparatus	J. K. Cuff	853,227	May 14	1741	361	128	473
Loading and unloading apparatus	A. R. Holmén	854,890	May 28	5089	1058	128	1399
Loading and unloading apparatus	F. B. Clark	861,264	July 30	4567	1246-7	129	1637
Loading and unloading apparatus	C. A. Long	863,075	Aug. 13	1574	425	129	2650
Loading and unloading apparatus	G. W. Theiss, R. J. W. Whann, and W. J. Englisbee	866,166	Sept. 17	2204	613-14	130	751
Loading apparatus	J. W. Atkison	850,083	Apr. 9	2814	590	127	2337
Loading apparatus	E. Rosenvall	858,218	June 25	5447	1162-3	128	3175
Loading apparatus	F. M. Hogg	869,569	Oct. 29	3734	1022-3	130	2559
Loading apparatus	A. J. Derby	872,278	Nov. 26	4477	1064	131	1117
Loading apparatus	J. Collins	872,901	Dec. 3	1231	262	131	1359
Loading apparatus. Trimming device for	S. J. Blake	844,317	Feb. 19	2935	625	126	2590
Loading attachment. Wagon	E. Laupe	871,601	Nov. 19	3062	759-60	131	866
Loading device	B. S. Crocker	839,921	Jan. 1	243	52	126	67
Loading device	J. W. Pim	851,833	Apr. 30	6284	1310	127	3327
Loading device	R. Shaw	866,393	Sept. 17	2537	707	130	855
Loading device. Conveyer	J. L. Wilson	875,307	Dec. 31	6119	1277	131	2274
Loading device. Wagon	O. Ewers	866,638	Sept. 24	2890	816	130	997
Loading device. Wagon	G. H. Hefta	870,782	Nov. 12	1453	393	131	504
Loading device. Wagon	R. Pederson	871,887	Nov. 26	3647	889-90	131	989
Loading-frame	W. Lichte	848,474	Mar. 26	5522	1203	127	1480
Loading jack. Lumber	G. Rypkema	873,096	Dec. 10	1665	347	131	1459
Loading-machine	F. K. Holmested	839,997	Jan. 1	387	84-5	126	105
Loading-machine	A. J. Doss	842,532	Jan. 29	5579	1180-2	126	1573
Loading-machine	W. J. Ohm	874,532	Dec. 24	4583	961	131	1998
Loading-machine	T. N. Carter	875,150	Dec. 31	5822	1215	131	2225
Loading-machine. Earth	A. Meierhoff and H. C. Beckmann	875,445	Dec. 31	6401	1335-6	131	2319
Loading-machine. Gravel	A. Knutson	872,735	Dec. 3	881	183	131	1305
Loading manure, earth, gravel, &c. Device for	J. C. S. and H. R. Rumsey	848,128	Mar. 26	4863	1062	127	1314
Loading mechanism for manure, hay, and the like	A. W. Brodeen	872,793	Dec. 3	988	205	131	1324
Loading, unloading, and transporting apparatus	E. S. Boyd	851,155	Apr. 23	4886	1028	127	2944

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Loaf-forming machine.....	E. W. Smith.....	871,644	Nov. 19	3128	776	131	878
Loaf-molding machine. Long lock.	F. Streich.....	871,649	Nov. 19	3137	778-9	131	880
See Alarm-lock. Latch-lock.							
Alarm dead-lock. Mail-bag lock.							
Bag-lock. Mail-sack lock.							
Bank-lock. Manhole-cover lock.							
Bedstead-lock. Miner's lock.							
Bedstead corner-lock. Mortise-lock.							
Bicycle-lock. Nut-lock.							
Binder-lock. Nut and bolt lock.							
Bolt-lock. Nut and screw-bolt lock.							
Bolt and nut lock. Oar-lock.							
Bottle-lock. Organ-lock.							
Brake-lock. Padlock.							
Bridge-rail lock. Permutation-lock.							
Caisson air-lock. Pin-lock.							
Can-lid lock. Railway-switch lock.							
Car-door lock. Registering-lock.							
Cock-lock. Safe-lock.							
Combination-lock. Safe-deposit lock.							
Combination or keyless lock. Safety-lock.							
Cylinder-lock. Sash-lock.							
Door-lock. Screw-lock.							
Door or sash lock. Seal-lock.							
Drawbridge rail-lock. Sewing-machine lock.							
Drawer-lock. Shutter-fastener lock.							
Elevator-lock. Stovepipe-lock.							
Elevator-car lock. Strap-lock.							
Elevator-door lock. Switch-lock.							
Fence-lock. Switch-point lock.							
Firearm hammer-lock. Switch-stand lock.							
Firearm safety-lock. Switch-stand safety-lock.							
Friction-lock. System-lock.							
Gate-lock. Table-lock.							
Gun-lock. Time-lock.							
Hasp-lock. Truck-lock.							
Hay-sling lock. Trunk-lock.							
Index-rod lock. Vault-cover lock.							
Indicator-lock. Vehicle-seat lock.							
Key-lock. Ventilating-lock.							
Keyless lock. Whip-socket lock.							
Knob-lock. Window-lock.							
Lamp-lock.							
Last-lock.							
Lock.....	W. E. Sparks.....	840,873	Jan. 8	2168	478-9	126	593
Lock.....	W. B. Wykoff.....	841,208	Jan. 15	2847	620-1	126	813
Lock.....	W. B. Wykoff.....	841,209	Jan. 15	2851	621	126	814
Lock.....	H. Aae.....	842,158	Jan. 29	4769	1019	126	1363
Lock.....	N. B. Hurd.....	843,607	Feb. 12	1543	326	126	2211
Lock.....	W. F. Clay.....	843,869	Feb. 12	2029	436	126	2335
Lock.....	O. Katzenberger.....	844,138	Feb. 12	2531	543	126	2458
Lock.....	Y. Q. Caldwell.....	845,613	Feb. 26	5724	1212	126	3329
Lock.....	T. S. Morton.....	846,231	Mar. 5	1031	221	127	262
Lock.....	J. G. Horsey.....	846,309	Mar. 5	1169	256	127	296
Lock.....	H. France.....	847,930	Mar. 19	4473	981	127	1181
Lock.....	H. C. Warwick.....	849,587	Apr. 9	1937	396	127	2117
Lock.....	F. S. Aliano.....	850,333	Apr. 16	3296	686	127	2504
Lock.....	J. C. Dawson.....	850,877	Apr. 16	4357	912	127	2774
Lock.....	H. Ahrend.....	850,891	Apr. 23	4397	921	127	2823
Lock.....	F. J. Vieweg.....	851,574	Apr. 23	5721	1199	127	3149
Lock.....	F. J. Vieweg.....	851,575	Apr. 23	5733	1200	127	3154
Lock.....	C. E. Scribner.....	851,900	Apr. 30	6408	1338	127	3358
Lock.....	A. Engelquist.....	852,832	May 7	938	192	128	240
Lock.....	H. P. Townsend.....	853,485	May 14	2240	467	128	608
Lock.....	S. T. Montrose.....	853,717	May 14	2735	562	128	736
Lock.....	F. X. Eckstein.....	854,938	May 28	5170	1077	128	1420
Lock.....	H. P. Townsend and W. R. Corbin.....	856,556	June 11	2207	454	128	2286
Lock.....	C. P. Nixholm.....	857,192	June 18	3418	720	128	2632
Lock.....	C. Calicchio.....	857,439	June 18	3866	822	128	2743
Lock.....	J. A. Hitchens.....	859,064	July 2	1164	314	129	394
Lock.....	J. Phillips.....	860,055	July 16	2691	732	129	955
Lock.....	N. B. Hurd.....	861,986	July 30	5683	1577	129	1979
Lock.....	A. N. Wickham.....	862,040	July 30	5745	1596	129	1997
Lock.....	C. Fisher.....	862,065	July 30	5802	1609	129	2018
Lock.....	J. B. Miller.....	863,867	Aug. 20	2762	760	129	3010
Lock.....	W. H. F. Young.....	864,819	Sept. 3	82	23-4	130	28
Lock.....	P. Müller.....	865,421	Sept. 10	1023	292	130	339
Lock.....	P. H. Serio.....	866,392	Sept. 17	2535	707	130	854
Lock.....	L. E. L. Themke.....	866,697	Sept. 24	2978	845	130	1021
Lock.....	H. G. Voight.....	868,235	Oct. 15	1589	451	130	1840
Lock.....	A. H. Harris.....	868,556	Oct. 15	2106	589	130	2000
Lock.....	J. Kessler.....	868,867	Oct. 22	2618	723	130	2184
Lock.....	H. G. Voight and C. J. Caley.....	868,897	Oct. 22	2663	736	130	2199
Lock.....	P. H. J. and P. Krulder, Jr.....	868,997	Oct. 22	2824	777	130	2250
Lock.....	W. H. Taylor.....	869,533	Oct. 29	3662	1003	130	2536
Lock.....	W. E. Peebles.....	870,460	Nov. 5	933	254	131	304
Lock.....	F. Siebert.....	872,156	Nov. 26	4235	1010	131	1078
Lock.....	A. Cordeau.....	873,212	Dec. 10	1878	394	131	1495
Lock.....	F. S. Aliano.....	873,481	Dec. 10	2397	505	131	1586
Lock.....	Z. Rautbord.....	874,438	Dec. 24	4376	921	131	1968
Lock.....	F. F. Miller.....	874,694	Dec. 24	4892	1029	131	2052
Lock.....	W. S. Robinson.....	874,793	Dec. 24	5079	1070	131	2084
Lock.....	A. Schmidtke.....	875,291	Dec. 31	6097	1272	131	2269

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Lock and key.	W. Agostini.	863,892	Aug. 20	2808	771	129	3024
Lock and latch.	H. G. Voight.	843,048	Feb. 5	411	89	126	1897
Lock and latch.	H. G. Voight.	844,763	Feb. 19	4086	871	126	2879
Lock and latch.	B. Phelps.	850,179	Apr. 16	3014	631	127	2426
Lock and latch.	J. Hiltbold.	868,782	Oct. 22	2490	686	130	2146
Lock and latch.	N. B. Hurd.	875,177	Dec. 31	5876	1225	131	2233
Lock and latch. Combined.	L. H. Mullikin.	840,007	Jan. 1	420	91-2	126	114
Lock and latch. Combined.	G. W. Himler.	841,967	Jan. 22	4360	940	126	1229
Lock and latch. Combined.	W. L. Frazer.	856,046	June 4	1147	242-3	128	1983
Lock and latch. Combined.	W. H. F. Young.	861,420	July 30	4832	1325	129	1720
Lock and latch. Combined.	W. H. F. Young.	861,421	July 30	4833	1325	129	1720
Lock and latch. Combined.	W. H. F. Young.	862,230	Aug. 6	194	54	129	2143
Lock and latch. Combined.	J. W. Lindsay.	867,585	Oct. 8	554	157	130	1503
Lock and latch. Combined.	L. H. Mullikin.	868,685	Oct. 22	2343	649	130	2102
Lock and latch mechanism.	H. G. Voight.	845,909	Mar. 5	387	78-9	127	100
Lock and latch mechanism.	B. Phelps.	849,569	Apr. 9	1895	387	127	2107
Lock and latch mechanism.	H. G. Voight.	855,679	June 4	449	94	128	1810
Lock attachment.	A. B. Bennett.	852,645	May 7	546	104	128	143
Lock-bolt.	A. Dumont.	839,821	Jan. 1	38	9	126	11
Lock-bolt.	U. G. Smith.	853,133	May 7	1530	319	128	386
Lock-bolt keeper.	J. Christy.	872,053	Nov. 26	4037	967-8	131	1044
Lock-casing.	H. M. Small.	841,592	Jan. 15	3595	781	126	1004
Lock-casing.	L. H. Mullikin.	868,210	Oct. 15	1548	439	130	1828
Lock-casing.	L. H. Mullikin.	868,211	Oct. 15	1549	440	130	1828
Lock-center.	W. R. Corbin.	857,031	June 18	3097	654	128	2550
Lock dogging mechanism. Time.	W. H. Taylor.	842,269	Jan. 29	4998	1067	126	1418
Lock dogging mechanism. Time and other.	W. H. Taylor.	842,268	Jan. 29	4995	1066-7	126	1418
Lock-hook.	R. D. Shawver.	864,701	Aug. 27	4076	1133	129	3446
Lock-indicator.	A. B. Carlisle.	856,843	June 11	2736	568	128	2420
Lock-indicator.	H. G. Voight.	867,175	Sept. 24	3722	1053	130	1262
Lock mechanism.	E. A. Baldwin.	841,219	Jan. 15	2876	626	126	819
Lock mechanism. Time.	J. C. Mock.	864,549	Aug. 27	3835	1063	129	3372
Lock-pin.	M. C. Carlucci.	868,408	Oct. 15	1877	526	130	1927
Lock-protecting device.	C. E. Leighton.	860,550	July 16	3417	939	129	1194
Lock-protecting device.	C. E. Leighton.	861,243	July 23	4513	1235	129	1583
Lock-protecting device.	C. E. Leighton.	861,664	July 30	5191	1425-6	129	1831
Lock-protecting device.	F. Duesterwald.	867,916	Oct. 8	1066	301	130	1659
Lock-shoe.	H. A. Meikrantz.	852,888	May 7	1067	219-20	128	272
Lock-strike.	R. B. Swift.	851,109	Apr. 23	4788	1006	127	2919
Lock-strike.	M. Georgenson and R. W. Burke.	852,553	May 7	247	62	128	94
Lock-switch.	J. A. Mallette.	849,907	Apr. 9	2517	520	127	2265
Lock tumbler mechanism.	J. Hope, Jr.	853,926	May 14	3165	648	128	842
Locks, &c. Keeper for door.	C. H. Spencer.	849,865	Apr. 9	2447	500	127	2247
Locks. Keyhole-shutter for.	H. G. Voight.	845,019	Feb. 19	4566	972	126	2999
Locker.	A. J. Thornley.	862,595	Aug. 6	841	223-4	129	2345
Locker construction.	P. M. Wege.	868,309	Oct. 15	1720	484	130	1881
Locking device.	L. M. G. Delaunay-Belleville.	842,632	Jan. 29	5799	1224	126	1627
Locking device.	J. P. Geraghty.	875,576	Dec. 31	6639	1389	131	2360
Locking device. Adjustable.	W. S. Atwood.	849,183	Apr. 2	152	233	127	1883
Locking device for containing-cases.	E. B. Craft.	851,868	Apr. 30	6356	1325	127	3345
Locking means.	A. E. Gdams.	872,883	Dec. 3	1193	253	131	1353
Locking mechanism. Jail.	W. R. Kales.	839,933	Jan. 1	261	56	126	72
Locking-switch. Key-operated.	J. Bernet.	841,844	Jan. 22	4133	890	126	1177
Locket, &c.	S. Woods.	857,140	June 18	3308	697	128	2604
Locomotive.	H. Reid and D. M. Ramsay.	840,255	Jan. 1	934	204	126	253
Locomotive.	G. G. Davis.	840,442	Jan. 1	1323	292-3	126	346
Locomotive.	W. L. Austin.	844,768	Feb. 19	4096	873-4	126	2881
Locomotive.	S. M. Vauclain.	844,978	Feb. 19	4468	953-4	126	2976
Locomotive.	C. J. Mellin.	852,444	May 7	65	13-14	128	20
Locomotive.	C. L. Nilson.	859,970	July 16	2542	690-1	129	905
Locomotive.	J. W. Finch.	861,101	July 23	4297	1180	129	1511
Locomotive.	W. S. Hovey.	870,560	Nov. 12	1081	295-6	131	382
Locomotive.	J. E. Friermood.	870,769	Nov. 12	1433	389	131	497
Locomotive.	N. D. Levin.	873,442	Dec. 10	2330	490	131	1573
Locomotive ash-pan.	C. G. Eckenrode and N. Baldwin.	844,267	Feb. 12	2814	600	126	2531
Locomotive ash-pan.	J. F. Brown.	865,758	Sept. 10	1565	441	130	510
Locomotive-boiler.	H. J. Travis.	864,047	Aug. 20	3025	836	129	3089
Locomotive-boiler.	S. A. Reeve.	869,805	Oct. 29	4088	1129	130	2662
Locomotive-boiler.	J. M. McClellon.	870,455	Nov. 5	921	250-2	131	301
Locomotive-boiler and steam-superheater.	H. H. Vaughan.	863,333	Aug. 13	1974	532	129	2731
Locomotive brake. Mine.	J. F. Flynn.	869,077	Oct. 22	2942	810	130	2286
Locomotive brake-shoe.	E. Lee.	867,144	Sept. 24	3662	1040	130	1238
Locomotive buffer-beam.	J. B. Barnes.	848,427	Mar. 26	5442	1186	127	1429
Locomotive buffer-beam.	C. T. Westlake.	854,131	May 21	3595	742	128	986
Locomotive-cab ventilator.	R. Burns.	867,701	Oct. 8	719	201	130	1553
Locomotive-cabs. Combination seat and tool-box for.	R. Koelle.	867,381	Oct. 1	241	69	130	1387
Locomotive-cinder-collecting attachment.	J. Speier.	875,223	Dec. 31	5969	1243	131	2249
Locomotive-controller. Automatic.	J. E. Stieglmeyer.	871,375	Nov. 19	2578	660	131	791
Locomotive-controller. Electric.	C. O. Dayton.	866,846	Sept. 24	3209	902-4	130	1102
Locomotive-crane.	G. E. Titcomb.	853,842	May 14	2980	611-12	128	796
Locomotive-cushioning appliance.	W. Dalton.	841,379	Jan. 15	3205	691	126	904
Locomotive-cylinder.	C. J. Mellin.	852,446	May 7	75	16	128	22
Locomotive-diaphragm.	G. L. Prentiss.	849,496	Apr. 9	1763	357	127	2073
Locomotive driving-boxes and driving-wheel hubs.	M. Millett.	860,819	July 23	3849	1055	129	1367
Lubricating device for the surfaces of.	M. Millett.	860,818	July 23	3847	1055	129	1366
Locomotive driving-boxes. Wedge for.	W. J. Barrett.	873,148	Dec. 10	1754	369	131	1476
Locomotive. Electric.	A. F. Barchelder.	843,788	Feb. 12	1871	399-400	126	2297
Locomotive. Electric.	E. A. Sperry.	849,432	Apr. 9	1611	327	127	2036
Locomotive. Electric.	A. F. Barchelder.	865,988	Sept. 17	1936	541	130	666
Locomotive. Electric.	S. T. Dodd.	867,486	Oct. 1	385	111	130	1433
Locomotive. Electromagnetic.	J. L. Potter.	858,211	June 25	5432	1159-60	128	3171
Locomotive-engine.	J. F. Wentworth.	855,682	June 4	455	96	128	1812
Locomotive exhaust-nozzle.	J. B. Allfree.	843,252	Feb. 5	857	175	126	2012

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Locomotive-footboard.....	H. L. Roberts.....	859,111	July 2	1222	329	129	412
Locomotive. Gathering.....	J. M. Roan.....	851,837	Apr. 30	6291	1312-13	127	3329
Locomotive-pilot.....	B. T. Hamilton.....	860,373	July 16	3157	863	129	1107
Locomotive-pilot.....	B. T. Hamilton.....	860,374	July 16	3159	864	129	1108
Locomotive-pilo.....	H. J. Dean.....	871,789	Nov. 26	3423	841	131	956
Locomotive pilot-beam.....	C. H. Howard.....	859,296	July 9	1515	405	129	543
Locomotive reel. Mine.....	C. O. Palmer.....	843,694	Feb. 12	1705	363	126	2255
Locomotive reversing mechanism.....	C. J. Mellin.....	852,445	May 7	71	14-15	128	21
Locomotive safety device.....	T. H. Hale.....	854,290	May 21	3897	803	128	1068
Locomotive superheater.....	H. V. Wille.....	843,315	Feb. 5	982	201-2	126	2038
Locomotive superheater.....	H. V. Wille.....	849,875	Apr. 9	2469	507-8	127	2253
Locomotive supply system.....	A. P. Dodge.....	845,766	Mar. 5	66	14	127	20
Locomotive tank-siphon.....	C. W. La Rue.....	869,854	Oct. 29	4158	1148	130	2684
Locomotive-tender.....	W. L. Baskins.....	840,038	Jan. 1	487	106	126	131
Locomotive-tender.....	F. L. Horspool.....	852,509	May 7	264	48	128	73
Locomotive-tender.....	M. E. Petty.....	870,840	Nov. 12	1544	424	131	532
Locomotive-tender.....	J. H. Davis.....	872,277	Nov. 26	4476	1063	131	1117
Locomotive-tender and tank-car frame.....	C. H. Howard.....	848,369	Mar. 26	5327	1160	127	1429
Locomotive. Towing.....	C. Kötting and G. Meyer.....	867,052	Sept. 24	3530	1001	130	1200
Locomotive water-heater.....	D. W. Cunningham.....	847,915	Mar. 19	4446	974	127	1474
Locomotive with steam-turbine drive.....	J. Stumpf.....	855,436	May 28	6125	1280	128	1658
Locomotives, &c. Apparatus for holding connect- ing-rod brasses for.....	M. and H. E. Morton.....	848,192	Mar. 26	4964	1086	127	1340
Locomotives. Cable-reel apparatus for mining.....	H. W. Shaver.....	853,522	Oct. 14	2323	484	128	630
Locomotives. Cushioning appliance for.....	W. Dalton.....	868,913	May 22	2693	743-4	130	2208
Locomotives. Device and method for repairing.....	J. B. Michael.....	853,312	May 14	1933	399	128	529
Locomotives. Draft or work indicating and record- ing mechanism for.....	S. T. Park.....	865,931	Sept. 10	1839	514-17	130	605
Locomotives or motor-cars. Multiple-unit-control- ling system for electric.....	R. Wikander.....	870,147	Nov. 5	423	117	131	139
Locomotives, &c. Shaper for crowning and finishing driving-boxes on.....	M. and H. E. Morton.....	848,190	Mar. 26	4958	1083-4	127	1339
Locomotives. Signal-indicating device for.....	F. v. Zeppelin.....	855,920	June 4	932	193-4	128	1929
Log-car dog.....	J. Hanley.....	855,103	May 28	5529	1147	128	1509
Log finder and lifter for submerged logs, &c.....	J. M. Munn.....	873,579	Dec. 10	2610	550	131	1619
Log-guide for log-skids.....	A. Fromherz.....	865,693	Sept. 10	1460	413	130	476
Log-hauler.....	A. O. Lombard.....	854,364	May 21	4020	832	128	1101
Log-loader.....	J. R. McGiffert.....	857,188	June 18	3410	719	128	2630
Log-loader.....	J. R. McGiffert.....	857,654	June 25	4293	907	128	2853
Log-loader.....	J. R. McGiffert.....	861,601	July 30	5098	1399	129	1802
Log-loader frame.....	J. R. McGiffert.....	857,655	June 25	4296	907	128	2854
Log-loaders. Grip-hook for.....	D. W. Martin.....	842,220	Jan. 29	4898	1045	126	1395
Log-raft gear.....	B. S. Spaulding.....	842,035	Jan. 22	4501	967	126	1262
Log-roller.....	R. Weir.....	845,152	Feb. 26	4830	1025	126	3109
Log-skidding machine.....	J. R. McGiffert.....	875,096	Dec. 31	5720	1192	131	2208
Log-splitting machine.....	W. A. Fannon.....	846,838	Mar. 12	2263	466	127	606
Log-splitting machine.....	W. A. Fannon and E. A. Peterson.....	846,839	Mar. 12	2266	496-7	127	607
Log-spur attachment for conveyer-chains.....	H. S. Hancock.....	846,468	Mar. 12	1512	336	127	413
Log-transfer.....	S. L. Vance.....	839,971	Jan. 1	338	75	126	93
Log-turner.....	D. A. Kennedy.....	852,231	Apr. 30	7092	1482-3	127	3531
Log-turner.....	H. S. Mitchell.....	863,929	Aug. 20	2857	786	129	3039
Log-unloader.....	A. G. Harbaugh and C. W. Deter- ing.....	859,656	July 9	2075	560	129	725
Logging apparatus.....	T. S. Miller and J. H. Dickinson.....	846,932	Mar. 12	2450	536	127	652
Logging-car standard.....	C. H. Allen.....	851,476	Apr. 23	5533	1159	127	3104
Logging device.....	G. Moore.....	841,420	Jan. 15	3277	707	126	922
Logging device.....	W. M. Shaw.....	841,726	Jan. 22	3869	840	126	1106
Logging-dog or swamping-hook.....	D. W. Freeman.....	842,779	Jan. 29	6127	1293	126	1707
Logging-engine.....	W. H. Corbett.....	840,914	Jan. 8	2260	497	126	617
Logging-hook.....	A. Sprogis.....	870,593	Nov. 12	1123	307	131	396
Logging-jack.....	J. E. Glchrist.....	858,716	July 2	616	161	129	213
Logotype-machine.....	D. Petri-Palmedo.....	848,318	Mar. 26	5228	1141-2	127	1407
Logotypes. Machine for composing and casting.....	F. Wicks.....	865,838	Sept. 10	1710	474-6	130	567
Logotypes. Producing.....	P. T. Dodge.....	852,224	Apr. 30	7082	1480	127	3529
Loom.....	W. Hannah.....	841,087	Jan. 8	2607	570-1	126	707
Loom.....	C. F. Penham.....	841,432	Jan. 15	3296	712	126	927
Loom.....	J. Rigby.....	849,163	Apr. 2	1116	225	127	1874
Loom.....	G. C. Moore.....	850,595	Apr. 16	3802	793-4	127	2633
Loom.....	J. Lapalme.....	853,641	May 14	2563	531	128	691
Loom.....	E. H. Ryon.....	855,815	June 4	721	149	128	1877
Loom.....	G. F. Hutchins.....	860,918	July 23	4006	1098	129	1417
Loom.....	R. H. Sawyer.....	862,351	Aug. 6	398	109	129	2206
Loom.....	O. W. Schaum.....	863,945	Aug. 20	2875	792	129	3044
Loom.....	M. Perreault.....	865,122	Sept. 3	551	154	130	167
Loom.....	J. L. Poalk.....	865,973	Sept. 10	1902	532-3	130	624
Loom.....	W. W. Linder.....	866,491	Sept. 17	2668	746	130	897
Loom.....	A. A. F. Thiéry.....	868,228	Oct. 15	1379	448	130	1838
Loom.....	G. E. Gay.....	869,892	Nov. 5	30	9	131	12
Loom.....	F. Johnson.....	871,224	Nov. 19	2234	590	131	740
Loom.....	W. Wattie.....	872,035	Nov. 26	4003	961	131	1039
Loom beating-up mechanism.....	C. W. Bates.....	848,875	Apr. 2	1566	112-13	127	1734
Loom. Box.....	W. Kahre.....	849,479	Apr. 9	1718	348-9	127	2062
Loom. Cane.....	W. Wattie.....	865,283	Sept. 3	792	227-8	130	239
Loom controlling device. Automatic weft-replenish- ing.....	A. E., A., and G. Walker.....	874,550	Dec. 24	4612	969-70	131	2003
Loom. Cross-weaving.....	A. Weimar.....	849,647	Apr. 9	2037	418-19	127	2142
Loom cutting attachment.....	A. Tilt.....	851,570	Apr. 23	5716	1198	127	3147
Loom dobbie mechanism.....	R. Kohlhaas.....	859,085	July 2	1191	321	129	403
Loom electric warp stop-motion.....	J. W. Moran.....	871,724	Nov. 19	3263	808	131	903
Loom filling-detecting mechanism.....	C. F. Roper.....	840,377	Jan. 1	1205	263	126	317
Loom filling-detecting mechanism.....	C. F. Roper.....	842,117	Jan. 22	4652	999	126	1299
Loom filling-detecting mechanism.....	J. V. Cuniff.....	843,196	Feb. 5	741	152	126	1983
Loom filling-detecting mechanism.....	A. E. Benson.....	848,801	Apr. 2	373	74	127	1684
Loom filling-detecting mechanism.....	E. S. Stimpson.....	868,947	Oct. 22	2745	757	130	2225
Loom filling-detector mechanism.....	J. T. Cyr.....	861,639	July 30	5159	1415	129	1822
Loom filling-exhaustion-indicating mechanism.....	E. S. Wood and J. Northrop.....	843,249	Feb. 5	846	174	126	2009

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Loom. Filling-replenishing.....	J. Northrop.....	846,048	Mar. 5	666	140-1	127	170
Loom. Filling-replenishing.....	J. Smith and E. S. Stimpson.....	846,700	Mar. 12	1972	434	127	531
Loom. Filling-replenishing.....	C. H. Draper.....	853,199	May 7	1648	343-4	128	417
Loom filling-replenishing mechanism.....	W. B. Birmingham.....	846,773	Mar. 12	2119	466	127	570
Loom filling-replenishing mechanism.....	B. Janelle.....	861,185	July 23	4416	1211	129	1551
Loom filling-replenishing mechanism. Automatic.....	J. Northrop and W. F. Roper.....	843,169	Feb. 5	668	140-1	126	1963
Loom for the manufacture of tufted or pile fabrics.....	T. Greenwood.....	872,506	Dec. 3	394	82	131	1230
Loom for the manufacture of tufted or pile fabrics.....	T. Greenwood.....	872,507	Dec. 3	395	83	131	1230
Loom for the manufacture of tufted or pile fabrics.....	T. Greenwood.....	872,508	Dec. 3	396	83	131	1230
Loom for weaving chenille.....	T. F. and A. Naylor.....	868,688	Oct. 22	2347	650	130	2103
Loom for weaving chenille or pile fabrics.....	T. F. Naylor and O. S. Hall.....	845,810	Mar. 5	152	28-9	127	42
Loom for weaving double-pile fabrics.....	A. Heald.....	862,968	Aug. 13	1400	381	129	2549
Loom for weaving pile fabrics.....	F. C. Pfeiffer.....	862,654	Aug. 6	925	248	129	2370
Loom for weaving pile fabrics.....	A. G. Cowell.....	865,332	Sept. 3	878	252	130	266
Loom for weaving pile fabrics.....	C. B. White.....	871,382	Nov. 19	2595	664-5	131	794
Loom for weaving tufted fabrics.....	E. Paruszewski.....	843,358	Feb. 5	1053	217-18	126	2055
Loom. Haircloth.....	G. Taylor.....	850,806	Apr. 16	4198	881-3	127	2731
Loom harness-ender mechanism.....	B. F. McGuinness.....	865,264	Sept. 3	761	217	130	231
Loom harness-hook.....	I. Andrews.....	859,189	July 9	1354	359	129	487
Loom harness-loosener.....	O. A. Sawyer.....	871,096	Nov. 12	1958	536-7	131	661
Loom harness-motion.....	C. H. Atkins.....	858,136	June 25	5298	1126	128	3137
Loom harness-motion.....	C. F. Roper.....	871,448	Nov. 19	2749	693-4	131	816
Loom head-motion.....	J. J. Shanahan.....	862,668	Aug. 6	945	253-4	129	2376
Loom heddle-frame.....	G. Brissou.....	871,027	Nov. 12	1843	504	131	626
Loom. Jacquard.....	S. Smith.....	858,035	June 25	5087	1077	128	3082
Loom. Kindergarten.....	J. C. Tyndall.....	856,319	June 11	1716	356	128	2162
Loom. Kindergarten.....	J. C. Tyndall.....	856,320	June 11	1717	357	128	2163
Loom. Lappet.....	W. A. Robinson.....	843,177	Feb. 5	689	144	126	1968
Loom. Lappet.....	W. A. Robinson.....	843,178	Feb. 5	692	145-6	126	1968
Loom let-off mechanism.....	C. F. Roper.....	843,181	Feb. 5	704	147	126	1971
Loom lug-strap.....	G. G. Colby.....	842,176	Jan. 29	4810	1027	126	1373
Loom lug-strap holder.....	E. H. Major.....	846,039	Mar. 5	650	136	127	166
Loom pattern mechanism.....	B. F. McGuinness.....	844,736	Feb. 19	4023	887	126	2861
Loom pick-finder.....	E. H. Ryon.....	853,600	May 14	2469	514	128	667
Loom-picker.....	J. Whitehead.....	849,519	Apr. 9	1811	367	127	2086
Loom-picker.....	D. Lemoine.....	849,632	Apr. 9	2015	413	127	2136
Loom-picker.....	L. Pilling.....	851,250	Apr. 23	5086	1070	127	2991
Loom picker-check.....	M. F. Field.....	859,554	July 9	1915	515	129	674
Loom picker-check.....	W. H. Ayer.....	861,013	July 23	4176	1144	129	1473
Loom picker-check.....	W. H. Ayer.....	872,780	Dec. 3	964	201	131	1320
Loom picker mechanism.....	R. H. Ingersoll.....	871,275	Nov. 19	2349	611-12	131	757
Loom picker-motion.....	H. Griffin.....	860,462	July 16	3296	901	129	1154
Loom picker-stick.....	E. Chevrete.....	865,680	Sept. 10	1441	408	130	470
Loom picker-stick attachment.....	D. Lemoine.....	850,841	Apr. 16	4285	899	127	2754
Loom picker-stick check.....	J. B. Bernier.....	855,873	June 4	836	173	128	1905
Loom picker-stick connection.....	C. A. Hyde.....	850,088	Apr. 9	2824	591	127	2339
Loom picker-stick motion.....	R. Taylor.....	864,213	Aug. 27	3291	913	129	3201
Loom picker-sticks. Lug-strap for.....	L. Pilling.....	852,522	May 7	284	52	128	77
Loom picking-motion.....	W. H. Ayer.....	872,781	Dec. 3	965	201	131	1320
Loom. Pile-fabric.....	H. Sarafian.....	840,257	Jan. 1	937	205-6	126	254
Loom. Pile-fabric.....	F. A. Whitmore.....	840,275	Jan. 1	977	212-13	126	264
Loom. Pile-fabric.....	J. K. Dalkranian.....	858,961	July 2	1017	265-7	129	348
Loom. Pile-fabric.....	J. K. Dalkranian.....	858,962	July 2	1021	267-9	129	349
Loom. Pile-fabric.....	J. K. Dalkranian.....	858,963	July 2	1027	269-71	129	351
Loom pile-wire-oiling device.....	J. S. Giles.....	849,783	Apr. 9	2284	470	127	2205
Loom pile-wire-oiling device.....	J. S. Giles.....	849,784	Apr. 9	2285	470	127	2205
Loom power-gage and lug-strap.....	C. A. Messer.....	873,767	Dec 17	2981	632	131	1715
Loom protector and smash-preventing mechanism.....	R. Crompton.....	842,944	Feb. 5	202	46	126	1840
Loom protector mechanism.....	J. V. Cunliff.....	847,653	Mar. 19	3892	851	127	1044
Loom protector mechanism.....	M. Dumont.....	861,642	July 30	5162	1417	129	1823
Loom-reed.....	A. Marcante.....	874,096	Dec. 17	3697	778	131	1821
Loom reed-support for warp-drawing machines.....	E. F. Hathaway.....	862,474	Aug. 6	625	167	129	2283
Loom selva-motion.....	C. F. Roper.....	844,404	Feb. 19	3102	666	126	2640
Loom shed-forming mechanism.....	W. H. Redding.....	863,644	Aug. 20	2435	669	129	2906
Loom shedding mechanism.....	A. A. Gordon, Jr.....	871,398	Nov. 19	2633	673	131	799
Loom-shuttle.....	J. C. Brooks.....	842,133	Jan. 22	4699	1006	126	1313
Loom-shuttle.....	F. H. Stetsen.....	843,912	Feb. 12	2123	454	126	2359
Loom-shuttle.....	A. Guldemann.....	846,466	Mar. 12	1507	335	127	411
Loom-shuttle.....	B. McAnany.....	846,686	Mar. 12	1953	430	127	527
Loom-shuttle.....	H. W. Bracken.....	851,647	Apr. 30	5903	1233	127	3227
Loom-shuttle.....	C. Aillery.....	851,853	Apr. 30	6326	1320	127	3338
Loom-shuttle.....	A. J. Jackson.....	855,514	June 4	136	27	128	1728
Loom-shuttle.....	J. Lacroix and J. V. Cunliff.....	855,791	June 4	670	137	128	1866
Loom-shuttle.....	J. L. Poalk.....	857,107	June 18	3251	683	128	2589
Loom-shuttle.....	J. E. Lemyre.....	858,662	July 2	532	136	129	184
Loom-shuttle.....	C. J. Sullivan.....	859,991	July 16	2591	705	129	921
Loom-shuttle.....	J. Varley.....	861,335	July 30	4680	1279	129	1673
Loom-shuttle.....	F. A. Mills.....	867,740	Oct. 8	775	218	130	1569
Loom-shuttle.....	W. L. Hall.....	869,778	Oct. 29	4049	1118	130	2651
Loom-shuttle.....	A. Buckler.....	871,911	Nov. 26	3690	901	131	997
Loom-shuttle.....	A. Guldemann.....	874,331	Dec. 17	4161	876	131	1900
Loom-shuttle and bobbin-tensioning means therefor.....	C. H. Atkins.....	858,137	June 25	5301	1126-7	128	3137
Loom shuttle-binder.....	N. Blanchette.....	851,545	Apr. 23	5667	1186	127	3137
Loom shuttle-box.....	J. Bim.....	848,002	Mar. 26	4661	1015	127	1264
Loom shuttle-box mechanism.....	W. M. Watte.....	868,308	Oct. 15	1719	484	130	1880
Loom shuttle-box motion.....	G. F. Hutchins.....	868,271	Oct. 15	1644	464-5	130	1860
Loom shuttle-box-operating mechanism.....	F. Leeming and C. Hudson.....	865,649	Sept. 10	1392	394-5	130	455
Loom shuttle-changing mechanism.....	C. F. Perham.....	860,567	July 16	3445	946-7	129	1203
Loom shuttle-changing mechanism.....	E. H. Ryon.....	872,254	Nov. 26	4437	1054-5	131	1110
Loom shuttle-check.....	W. B. Harris.....	841,863	Jan. 22	4173	898	126	1187
Loom shuttle-check.....	P. Macpherson.....	860,043	July 16	2675	728	129	950
Loom shuttle-check.....	P. Macpherson.....	864,900	Sept. 3	216	60	130	67
Loom shuttle-check.....	W. H. Ayer.....	872,779	Dec. 3	962	200	131	1319
Loom shuttle-check.....	W. H. Ayer.....	872,782	Dec. 3	967	201	131	1320
Loom shuttle-check. Power.....	J. F. Blumer-Kunz.....	849,967	Apr. 9	2618	545	127	2290
Loom shuttle-checking means.....	M. Morey.....	871,429	Nov. 19	2710	686	131	809

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Loom shuttle-motion.	J. A. Gendron.	845,345	Feb. 26	5227	1109-10	126	3206
Loom shuttle-motion.	O. Lanwers.	847,952	Mar. 19	4516	991	127	1191
Loom shuttle-motion.	H. L. Goodwin.	860,863	July 23	3916	1073-4	129	1389
Loom-shuttle. Self-threading.	J. B. Daudelin.	849,212	Apr. 2	1202	244	127	1896
Loom-shuttle. Self-threading.	P. F. Daudelin.	849,213	Apr. 2	1203	244	127	1896
Loom starting and stopping mechanism.	G. B. Ambler.	867,934	Oct. 8	1090	308	130	1665
Loom stop-motion.	T. Thompson.	845,279	Feb. 26	5092	1081	126	3175
Loom stop-motion.	C. D. Lanning.	871,875	Nov. 26	3622	884-5	131	985
Loom stop-motion.	F. Pick.	875,104	Dec. 31	5732	1195	131	2210
Loom stop-motion mechanism. Faller for.	J. B. Whitney and F. Ecaubert.	869,819	Oct. 29	4111	1135	130	2669
Loom stopping and starting mechanism.	W. F. Draper and C. F. Roper.	848,815	Apr. 2	439	86	127	1658
Loom stopping mechanism. Wire-	H. Lindsay.	844,818	Feb. 19	4195	893-4	126	2906
Loom. Swivel-	E. H. Ryon.	865,272	Sept. 3	772	221-2	130	234
Loom take-up mechanism.	C. F. Roper.	847,608	Mar. 19	3791	831	127	1018
Loom take-up mechanism.	A. A. Gordon, Jr.	872,061	Nov. 26	4053	971	131	1047
Loom thread-parting mechanism.	A. E. Rhoades.	875,461	Dec. 31	6430	1343	131	2324
Loom tufting mechanism.	W. Pearsall.	853,471	May 14	2215	461-2	128	601
Loom warp-beam.	E. H. Ryon.	858,761	July 2	687	182-3	129	238
Loom warp-beam brake mechanism.	F. Johnson.	871,278	Nov. 19	2359	613	131	759
Loom warp-let-off mechanism.	C. H. Atkins.	858,138	June 25	5303	1127-8	128	3138
Loom warp stop-motion.	J. Bim.	840,196	Jan. 1	818	180	126	219
Loom warp stop-motion.	W. R. Stitt and A. J. Davidson.	851,040	Apr. 23	4660	978-80	127	2889
Loom warp stop-motion.	E. Barnes.	851,337	Apr. 23	5269	1104	127	3039
Loom warp stop-motion.	D. M. Hollins.	854,167	May 21	3660	757	128	1003
Loom warp stop-motion.	C. Adams.	855,034	May 28	5368	1114-15	128	1469
Loom warp stop-motion.	J. Wojciechowski and R. Pluzanski.	858,695	July 2	577	149-50	129	199
Loom warp stop-motion.	J. K. Lanning.	861,190	July 23	4425	1215	129	1554
Loom warp stop-motion.	C. D. Lanning.	861,191	July 23	4428	1215	129	1555
Loom warp stop-motion.	J. K. Lanning.	861,217	July 23	4468	1227	129	1568
Loom warp stop-motion.	G. B. Ambler.	863,130	Aug. 13	1667	447-8	129	2634
Loom warp stop-motion.	W. F. Andrews.	863,131	Aug. 13	1671	448	129	2636
Loom warp stop-motion. Wire-weaving.	C. H. Atkins.	858,139	June 25	5306	1128	128	3139
Loom weft fork and slide.	F. D. Cheshborough.	858,151	June 25	5327	1133	128	3144
Loom weft or filling thread holding device.	F. A. Mills.	859,570	July 9	1938	523	129	681
Loom. Weft-replenishing.	W. F. Roper.	843,107	Feb. 5	555	115-17	126	1936
Loom. Weft-replenishing.	H. W. Smith.	845,904	Mar. 5	369	75	127	95
Loom. Weft-replenishing.	H. Smith and J. V. Langley.	854,673	May 21	4597	960	128	1244
Loom. Weft-replenishing.	N. Demers.	859,208	July 9	1379	366-7	129	495
Loom. Weft-replenishing.	J. W. Carr and C. R. Scholes.	859,541	July 9	1884	506-7	129	663
Loom. Weft-replenishing.	H. Wyman.	864,499	Aug. 27	3722	1037	129	3339
Loom. Weft-replenishing.	J. T. Cyr.	864,956	Sept. 3	308	82-3	130	98
Loom. Weft-replenishing.	C. M. Hansen, C. V. Müller, and J. C. E. Carlsson.	867,127	Sept. 24	3638	1033-4	130	1232
Loom. Weft-replenishing.	B. F. McGuinness.	869,644	Oct. 29	3854	1054-5	130	2594
Loom. Weft-replenishing.	H. I. Harriman.	870,509	Nov. 5	1000	272-3	131	323
Loom weft-replenishing mechanism.	L. Miller.	842,683	Jan. 29	5929	1249-50	126	1659
Loom weft-replenishing mechanism.	C. M. Hansen.	845,232	Feb. 26	4993	1062	126	3149
Loom weft-replenishing mechanism.	J. Bim.	850,336	Apr. 16	3305	687-9	127	2507
Loom weft-replenishing mechanism.	C. F. Perham.	860,566	July 16	3443	945-6	129	1202
Loom weft-replenishing mechanism.	F. P. Rogers.	871,447	Nov. 19	2746	693	131	816
Loom weft stop-motion.	W. A. Grant.	867,032	Sept. 24	3499	993	130	1191
Loom with sliding front plate for the shuttle-box. Automatic shuttle-changing.	E. S. Stimpson.	851,905	Apr. 30	6415	1339	127	3360
Loom with sliding front plate for the shuttle-boxes. Automatic shuttle-changing.	W. I. Stimpson.	853,839	May 14	2976	610	128	796
Loom with swinging front plate for the shuttle-box. Shuttle-changing.	E. S. Stimpson.	855,356	May 28	5985	1249	128	1625
Looms. Automatic tension device for.	E. Keuser.	844,523	Feb. 19	3358	725	126	2704
Looms. Binder for.	F. B. Stone.	856,310	June 11	1697	352	128	2158
Looms. Bobbin-feeding device for weft-replenishing.	J. Gabler and R. Kunz.	865,376	Sept. 10	959	275	130	319
Looms. Cloth-finishing device for.	E. Bloom.	844,848	Feb. 19	4251	906	126	2922
Looms. Cloth-take-up mechanism for.	C. H. Atkins.	858,052	June 25	5133	1085-6	128	3095
Looms. Cloth-take-up motion for.	W. H. Clegg.	870,345	Nov. 5	750	201	131	247
Looms. Combined parallel rocker and picking-stick check for.	W. Leary.	852,515	May 7	272	50	128	75
Looms. Controlling means for take-ups for.	M. Moul.	867,287	Oct. 1	89	27	130	1341
Looms. Crack-preventing means for.	C. F. Roper.	848,772	Apr. 2	310	64	127	1665
Looms. Device for automatically stopping.	C. Adams.	840,034	Jan. 1	479	104	126	129
Looms. Double-lift jacquard mechanism for.	O. Schreiber.	845,271	Feb. 26	5075	1078	126	3170
Looms. Drawing-hook for warp-threads in weaving.	K. Mattaus.	855,521	June 4	151	30	128	1733
Looms. Emergency stop-motion for narrow-fabric.	S. Kendrick.	871,704	Nov. 19	3230	800	131	897
Looms. Figure-weaving attachment for dobby.	J. A. Gnos.	846,198	Mar. 5	967	205-6	127	245
Looms. Filling-feeder for filling-replenishing.	E. S. Stimpson.	868,586	Oct. 15	2165	605	130	2021
Looms for weaving. Warp stop-motion for.	F. Pick.	867,596	Oct. 8	574	162	130	1508
Looms. Guard for take-up mechanisms for.	L. Labeau.	846,219	Mar. 5	1010	216	127	256
Looms. Harness-controlled stop-motion for.	V. Rainville.	840,958	Jan. 8	2346	515	126	639
Looms. Heddle for weaving.	J. Grob.	857,732	June 25	4460	942	128	2926
Looms. Lay-motion for.	A. E. Rhoades.	873,606	Dec. 10	2668	562	131	1629
Looms. Lever-moving mechanism for.	W. M. Wattie.	860,715	July 23	3699	1013	129	1317
Looms. Means for hanging knitted leased harness for.	F. A. Mills.	847,800	Mar. 19	4188	916	127	1112
Looms. Mechanism for changing shuttles in.	E. J. Entwisle.	841,492	Jan. 15	3424	737-8	126	962
Looms. Multiplier mechanism for box-	G. R. Forbes and G. W. Fraker.	855,102	May 28	5526	1147	128	1509
Looms. Picker-staff for weaving.	A. Rossignol.	870,904	Nov. 12	1648	453	131	566
Looms. Picking-cam for.	J. F. Donohue.	851,225	Apr. 23	5040	1061	127	2981
Looms. Rotary magazine for weft-replenishing.	M. L. Stone.	873,467	Dec. 10	2372	498-500	131	1581
Looms. Selvage-forming attachment for.	T. Garisio.	843,884	Feb. 12	2060	441	126	2343
Looms. Selvage-forming mechanism for.	J. L. Poak.	867,300	Oct. 1	108	33-4	130	1347
Looms. Shuttle-positioning means for filling-replenishing.	J. Gabler.	870,673	Nov. 12	1270	346	131	447
Looms. Smash-preventer for.	T. W. Tillman.	842,820	Jan. 29	6190	1308	126	1722
Looms. Tape-winder for tape-	E. R. Holmes and L. B. Jenckes.	868,268	Oct. 15	1641	464	130	1859
Looms. Thin-place detector for.	P. S. Leonard.	846,801	Mar. 12	2175	478	127	584
Looms. Thin-place detector for.	E. F. Allen.	864,352	Aug. 27	3494	972	129	3263
Looms. Thin-place-detector mechanism for.	R. E. Rhoden.	855,341	May 28	5959	1244	128	1618

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Looms. Thread clearing and parting mechanism for weft-replenishing	J. Northrop.....	866,051	Sept. 17	2031	567-8	130	695
Looms. Thread-cutter for weft-replenishing	E. S. Stimpson.....	872,471	Dec. 3	332	68	131	1219
Looms. Thread-partier for weft-replenishing	D. M. Hollins.....	842,666	Jan. 29	5879	1239	126	1649
Looms. Thread-parting mechanism for	J. Northrop.....	866,052	Sept. 17	2036	568-9	130	696
Looms, warping-machines, and the like. Lease-rod for	T. A. B. Carver.....	857,442	June 18	3872	822	128	2744
Looms. Weft-carrier for weft-replenishing	M. L. Stone.....	860,703	July 23	3681	1007	129	1313
Looms when weaving. Humidifier for moistening the warp-threads of	T. F. Smith.....	856,923	June 11	2883	603-4	128	2455
Looms. Wire head and fastening means for	F. Mitchell and C. Beal, Jr.....	873,448	Dec. 10	2338	491	131	1574
Loop	C. S. Comstock.....	867,949	Oct. 15	1165	322	130	1711
Loop-and-stud connection	J. H. Pilkington.....	857,901	June 25	4784	1016	128	3005
Loops to leather or other material. Machine for setting or affixing pronged	W. R. Medearis.....	849,847	Apr. 9	2416	493	127	2239
Looping-machines. Needle-arm for	R. W. Gormly.....	855,847	June 4	791	165	128	1894
Loose-leaf register and cabinet	E. A. Facer.....	869,139	Oct. 22	3028	836	130	2311
Loose materials. Apparatus for reclaiming	E. H. Messiter.....	858,008	June 25	5040	1065-6	128	3071
Loss-preventing device	A. Payton.....	845,812	Mar. 5	155	30	127	42
Lounge and folding bed with a canopy. Combined	P. P. Lagrange.....	842,674	Jan. 29	5903	1243-4	126	1654
Lounge. Reclining	J. Flindall.....	871,263	Nov. 19	2325	607	131	753
Louver	H. W. Waldmire.....	856,117	June 4	1268	267	128	2012
Low-water alarm	C. A. Lemen.....	853,309	May 14	1926	398	128	527
Lubricant-controlling device. Auxiliary automatic	W. Loudon.....	871,040	Nov. 12	1861	510	131	632
Lubricant feeding and distributing mechanism	H. Ockermann and C. V. Strub.....	869,383	Oct. 29	3417	940	130	2461
Lubricated coupling	W. E. Parr.....	865,315	Sept. 3	848	244	130	258
Lubricating and dust-proof gland	R. A. McKee.....	875,588	Dec. 31	6676	1394	131	2364
Lubricating apparatus	J. Robertson.....	865,058	Sept. 3	472	130	130	143
Lubricating apparatus. Automatic	H. Frenay.....	845,074	Feb. 26	4678	994	126	3067
Lubricating apparatus. Ball-joint	T. Yahiro.....	859,715	July 9	2157	582-3	129	751
Lubricating apparatus. Steam	W. W. Nugent.....	847,432	Mar. 19	3436	754	127	924
Lubricating bearings	W. Michalk.....	865,262	Sept. 3	758	216	130	230
Lubricating cup	W. M. Coffman.....	863,153	Aug. 13	1703	458	129	2646
Lubricating device	E. Hill.....	847,771	Mar. 19	4129	901	127	1098
Lubricating device	W. Scott.....	846,867	Mar. 12	2311	508	127	618
Lubricating device	C. S. Bavler.....	847,544	Mar. 19	3653	804	127	984
Lubricating device	W. Scott.....	848,056	Mar. 26	4744	1034	127	1285
Lubricating device	J. S. Coates and G. F. Hart.....	855,386	May 28	6032	1259	128	1637
Lubricating device	F. Meisel.....	855,467	June 4	49	11	128	1707
Lubricating device	H. C. Gamage.....	864,778	Sept. 3	18	6	130	8
Lubricating device. Automatic	A. F. Clarke.....	874,883	Dec. 24	5245	1105	131	2112
Lubricating means	P. L. Passavant.....	853,469	May 14	2210	459	128	600
Lubricating mechanism	B. M. Williamson and W. B. Ripley.....	854,975	May 28	5235	1090	128	1436
Lubricating-pad	N. A. Christensen.....	865,083	Sept. 3	503	138	130	153
Lubricating system	O. W. Severns.....	868,816	Oct. 22	2546	702	130	2164
Lubricating system	G. Crowell.....	848,446	Mar. 26	5476	1193	127	1469
Lubricating system	F. L. Hawkins.....	856,954	June 11	2932	615-16	128	2466
Lubricating system	J. F. McCanna.....	861,756	July 30	5328	1470	129	1870
Lubricating valves. Means for	J. A. Hicks.....	857,280	June 18	3576	756	128	2672
Lubricator	See Automatic lubricator.						
Oil-cup lubricator.							
Axle-lubricator.							
Piston-rod lubricator.							
Candlestick-lubricator.							
Positive-feed lubricator.							
Car-wheel lubricator.							
Elevator-guide lubricator.							
Pump-lubricator.							
Sight-feed lubricator.							
Spindle-lubricator.							
Trolley-wheel lubricator.							
Valve-lubricator.							
Wheel-flange lubricator.							
Multiple-feed lubricator.							
Lubricator	O. A. Shipley.....	840,094	Jan. 1	606	132	126	160
Lubricator	H. H. Cramer.....	841,632	Jan. 15	3675	797	126	1024
Lubricator	W. S. Patterson.....	842,332	Jan. 29	5134	1091	126	1455
Lubricator	J. N. Weikly.....	842,507	Jan. 29	5527	1171-2	126	1563
Lubricator	M. D. Jayne.....	842,553	Jan. 29	5623	1189	126	1583
Lubricator	E. Reber and E. C. Clark.....	843,366	Feb. 5	1070	221	126	2060
Lubricator	G. W. Ingham.....	843,536	Feb. 5	1404	295	126	2144
Lubricator	F. G. Tees.....	844,211	Feb. 12	2683	574	126	2498
Lubricator	L. Kaczander.....	844,281	Feb. 12	2839	605	126	2537
Lubricator	J. Buckley and J. Sherry.....	844,324	Feb. 19	2944	627-8	126	2602
Lubricator	J. I. Warren.....	845,209	Feb. 26	4946	1050	126	3138
Lubricator	C. G. Glasrud.....	846,301	Mar. 5	1152	253	127	292
Lubricator	J. W. Hinchcliff.....	847,772	Mar. 19	4130	902	127	1098
Lubricator	T. E. Brooks.....	847,898	Mar. 19	4409	967	127	1165
Lubricator	G. W. Blank.....	849,966	Apr. 9	2614	544-5	127	2289
Lubricator	W. and J. W. Leyland.....	851,359	Apr. 23	5312	1112	127	3050
Lubricator	C. F. Schroyer.....	852,039	Apr. 30	6745	1402	127	3443
Lubricator	A. Byington.....	852,165	Apr. 30	6975	1456	127	3501
Lubricator	G. M. Wolcott.....	852,689	May 7	644	124	128	168
Lubricator	E. K. Barnes.....	853,946	May 21	3221	660-1	128	893
Lubricator	W. R. Eichenser.....	854,636	May 21	4523	944	128	1224
Lubricator	J. E. Crandall.....	854,874	May 28	5053	1051	128	1389
Lubricator	L. D. Pickett.....	856,659	June 11	2411	496-7	128	2338
Lubricator	C. Comstock.....	862,137	Aug. 6	25	8	129	2088
Lubricator	W. W. Keefer and C. E. Ward.....	864,002	Aug. 20	2957	815	129	3068
Lubricator	H. A. Weihman.....	864,876	Sept. 3	177	51	130	56
Lubricator	F. D. Winkley.....	865,221	Sept. 3	703	190-200	130	212
Lubricator	W. Jamieson.....	865,248	Sept. 3	740	211	130	224
Lubricator	J. Sherry.....	865,319	Sept. 3	858	247	130	260
Lubricator	W. O. Duntley.....	866,921	Sept. 24	3321	938	130	1136
Lubricator	W. and J. W. Leyland.....	873,319	Dec. 10	2101	439	131	1531

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Lubricator.....	J. T. Pedersen	874,114	Dec. 17	3729	784	131	1827
Lubricator.....	S. Anderson	874,650	Dec. 24	4811	1010	131	2038
Lubricator.....	W. N. Durant	875,657	Dec. 31	6919	1441	131	2388
Lubricator-sight	W. L. Abate	850,711	Apr. 16	4042	845	127	2693
Lubricator signal. Force-feed	J. Hanson	845,351	Feb. 26	5243	1112	126	3210
Lubricators. Automatic drainage attachment for	J. C. Hubbard	856,151	June 4	1352	283	128	2034
Lubricators. Automatic drainage attachment for	J. C. Hubbard	856,152	June 4	1354	283	128	2035
Lubricators. Distributer for force-feed	R. H. Elkins	872,803	Dec. 3	1010	212	131	1327
Lubricators. Means for filling	E. C. Jordan	848,246	Mar. 26	5061	1107	127	1366
Lubricators. Sight-feed for	J. Sherry	844,418	Feb. 19	3129	671	126	2647
Luggage-carrier and stand. Combined	W. G. Schaefer	865,948	Sept. 10	1865	523	130	612
Lumber. Manufacture of artificial	C. E. Wade	869,116	Oct. 22	2992	827	130	2301
Lumber. Manufacture of artificial	C. E. Wade	869,117	Oct. 22	2993	827	130	2302
Lumber together. Apparatus for securing the component parts of compound	P. F. Bolton	850,338	Apr. 16	3310	689	127	2508
Luminometer	J. T. Marshall	864,102	Aug. 20	3106	858-9	129	3114
Lunch-box. Folding	M. A. Gilman	858,278	June 25	5544	1185	128	3199
Lunch-box. Folding	J. F. Lyons	868,350	Oct. 15	1780	502	130	1898
Lung and throat diseases. Apparatus for the treatment of	C. S. James	841,782	Jan. 22	3998	863	126	1140
Lung-tester. Trick	E. M. Coghlan and G. W. Fife	860,351	July 16	3120	853-4	129	1095
Lung-testing device. Therapeutic	F. W. Nebelthau	864,908	Sept. 3	231	63	130	72
Lungs. Device for developing the	G. M. Thomson	856,432	June 11	1977	407	128	2229
Macaroni and other substances. Apparatus for drying	L. von Skissind	874,136	Dec. 17	3768	794	131	1835
Macaroni, &c. Machine for manufacturing	J. V. Ebel	855,438	May 28	6129	1281	128	1659
Macaroni-machines. Cylinder for	N. D'Agostino	841,852	Jan. 22	4151	894	126	1182
Machine-brake	F. B. Rae	841,441	Jan. 15	3308	715-16	126	930
Machine-brake	W. Ferris	853,348	May 14	1997	413	128	545
Machine-brake	A. Rosenberg	865,532	Sept. 10	1221	348	130	400
Machine-driven ventilator	C. Jost	843,398	Feb. 5	1114	232	126	2071
Machine-driving means	P. E. Clark	840,199	Jan. 1	826	181	126	221
Machine-driving mechanism	R. P. King	847,784	Mar. 19	4152	906	127	1105
Machine-driving mechanism	H. Ogborn	847,807	Mar. 19	4204	920	127	1116
Machine frame. Long-	W. D. Richter	873,088	Dec. 10	1651	344	131	1457
Machine-operating mechanism	C. R. Meston	860,046	July 16	2679	729	129	951
Machine parts. Machine for treating cylindrical	J. Moll	847,426	Mar. 19	3425	751	127	922
Machine-recorder. Automatic	R. A. Wood	848,149	Mar. 26	4890	1067	127	1321
Machine-rolls	C. F. Steiber	851,451	Apr. 23	5484	1148	127	3094
Machine-tools. Electromagnetically-operated mechanism for reversing the motion of	J. Billeter	863,966	Aug. 20	2911	802	129	3055
Machine-wrench and clamp. Combined	C. J. Coulter	871,482	Nov. 19	2820	709	131	827
Machinery-tripping mechanism	C. E. Glessner	840,127	Jan. 1	693	148-9	126	189
Machinist's tool or gage	W. S. Bromley	867,011	Sept. 24	3464	981	130	1182
Magazine-boiler	A. B. Reck	851,030	Apr. 23	4636	972-3	127	2882
Magnesia-granulating machine	M. Scozzari	868,617	Oct. 15	2222	617	130	2038
Magnesium. Production of	G. O. Seward and F. von Kugelgen	868,226	Oct. 15	1577		130	1838
Magnet-box and armature of magnet contained therein	C. D. Lanning	854,363	May 21	4020	831	128	1100
Magnet coil. Self-sustaining field-	E. W. Jodrey	865,707	Sept. 10	1482	418	130	482
Magnet. Field-	W. D. Pomeroy	875,202	Dec. 31	5932	1237	131	2244
Magnet for dynamo-electric machines. Rotating	C. A. Parsons, G. G. Stoney, and A. H. Law	846,693	Mar. 12	1966	432	127	590
Magnet. Polarized ringer-	F. H. Whitman	866,760	Sept. 24	3084	869	130	1063
Magnets. Coil-clamp for rotary	C. A. Backstrom	853,333	May 14	1968	407	128	538
Magnets of alternate-current generators. End connection for conductors on field-	M. Walker	865,219	Sept. 3	701	198	130	211
Magnetic brake	F. G. Haldy	874,186	Dec. 17	3865	814-15	131	1852
Magnetic composition and making the same	R. A. Hadfield. (Reissue)	12,691	Sept. 3	913		130	276
Magnetic materials. Manufacture of	R. A. Hadfield	851,635	Apr. 23	5851		127	3182
Magnetic separator	C. J. Reed	842,583	Jan. 29	5675	1200-1	126	1596
Magnetic separator	T. J. Lovett	858,734	July 2	643	169	129	222
Magnetic separator	J. B. McCabe	867,744	Oct. 8	781	219	130	1571
Magnetic separator	A. Schwarz	871,298	Nov. 19	2414	625	131	766
Magnetic separator	A. Schwarz	871,301	Nov. 19	2419	626	131	767
Magnetic separator	A. Schwarz	871,365	Nov. 19	2549	655	131	788
Magnetic separator	A. Schwarz	871,367	Nov. 19	2553	656	131	788
Magnetic switch	J. L. Schureman	861,679	July 30	5213	1432	129	1837
Magnetic transmission mechanism	F. Jensen	862,400	Aug. 6	487	130	129	2240
Magneto	H. Hess	842,200	Jan. 29	4854	1036	126	1384
Magneto-interrupter	T. M. Mueller	845,368	Feb. 26	5276	1118	126	3219
Mail and parcel delivery apparatus. Automatic	Z. P. Dederick	845,765	Mar. 5	62	13-14	127	19
Mail-assorting table	C. A. Kendall	848,466	Mar. 26	5510	1200	127	1476
Mail-bag	M. Lupberger	858,404	July 2	63	18	129	22
Mail-bag catcher	D. S. Cook and C. J. Dietrich	845,055	Feb. 26	4639	987	126	3057
Mail-bag catcher	W. J. Bock	846,390	Mar. 5	1330	293	127	335
Mail-bag catcher	J. H. Tudor	847,215	Mar. 12	2991	659-60	127	786
Mail-bag catcher	G. H. Nichols	848,196	Mar. 26	4968	1087	127	1341
Mail-bag catcher	G. Benner and B. S. Rogers	853,572	May 14	2415	503	128	653
Mail-bag catcher	T. E. Sheffey	863,326	Aug. 13	1963	529	129	2727
Mail-bag catcher	L. Didier	864,620	Aug. 27	3952	1097	129	3406
Mail-bag catcher	J. T. Hindman	869,304	Oct. 26	3291	907	130	2422
Mail-bag catcher	F. Melcher	872,664	Dec. 3	729	151	131	1282
Mail-bag catcher and deliverer	C. W. Bell	843,433	Feb. 5	1174	247	126	2086
Mail-bag catcher and deliverer	A. L. Logan and W. F. Greene	844,527	Feb. 19	3370	726-7	126	2707
Mail-bag catcher and deliverer	D. R. Way	852,860	May 7	1009	209-10	128	257
Mail-bag catcher and deliverer	A. D. Walton and C. H. Anthony	866,411	Sept. 17	2561	714-15	130	864
Mail-bag catcher and deliverer. Combined	G. E. Perkins	853,472	May 14	2218	462	128	601
Mail-bag catcher and deliverer. Reversible	J. L. Gash	847,661	Mar. 19	3906	833	127	1047
Mail-bag catcher. Station	W. E. Blount	869,132	Oct. 22	3016	833	130	2308
Mail-bag catching and delivering apparatus	E. A. Nashund	847,682	Mar. 19	3950	862	127	1058
Mail-bag catching and delivering apparatus	S. A. Fraser and F. S. Kline	849,673	Apr. 9	2088	429-30	127	2154
Mail-bag catching and delivering device	M. D. Cummings	843,560	Feb. 5	1461	308	126	2156
Mail-bag catching and delivering device	T. Yochum	855,685	June 4	463	97-8	128	1814
Mail-bag catching and delivering device	C. R. Yeager	861,009	July 23	4170	1142	129	1471

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Mail-bag catching and delivering device.	L. J. Evans.	870,872	Nov. 12	1594	437-8	131	549
Mail-bag catching and delivering mechanism	J. T. Jones.	856,407	June 11	1930	397	128	2217
Mail-bag catching and delivery mechanism	P. A. Poché.	871,625	Nov. 19	3099	770	131	873
Mail-bag-catching device.	J. E. Smith.	872,767	Dec. 3	940	195	131	1316
Mail-bag deliverer.	J. Millsap.	874,225	Dec. 17	3952	834	131	1865
Mail-bag delivery.	J. W. Harhay.	866,274	Sept. 17	2360	656	130	800
Mail-bag-delivery apparatus	D. F. Lahman.	850,588	Apr. 16	3788	790-1	127	2629
Mail-bag-delivery apparatus	P. H. Sudbrock.	850,690	Apr. 16	4001	837	127	2683
Mail-bag-delivery apparatus	D. Smith.	854,115	May 21	3563	735	128	979
Mail-bag-delivery device.	P. J. A. Schnoor.	842,023	Jan. 22	4478	962	126	1257
Mail-bag ejector. Automatic.	R. G. Thornhill and C. C. Thompson.	871,458	Nov. 19	2772	698	131	820
Mail-bag exchanger.	D. Mack.	847,960	Mar. 19	4539	997	127	1196
Mail-bag fastener.	I. L. Hood.	859,497	July 9	1818	499	129	642
Mail-bag fastener.	G. T. Barr.	860,183	July 16	2872	784	129	1014
Mail-bag holder and deliverer.	H. G. Kimple and E. Eiler.	844,365	Feb. 19	3026	646	126	2623
Mail-bag lock.	H. Watt.	866,317	Sept. 17	2425	677	130	819
Mail-bag lock.	R. E. Redding.	866,965	Sept. 24	3388	959	130	1158
Mail-bag rack.	M. S. Field.	862,243	Aug. 6	219	60	129	2151
Mail-bag receptacle.	G. C. Whiteford.	874,273	Dec. 17	4047	855	131	1881
Mail-bags along railway-lines. Device for delivering.	A. F. Martel.	869,791	Oct. 29	4071	1124	130	2657
Mail-box.	J. Becker.	840,290	Jan. 1	1004	220	126	270
Mail-box.	C. A. Wellman.	841,201	Jan. 15	2832	617-18	126	810
Mail-box.	I. W. Sample.	852,298	Apr. 30	7203	1513	127	3557
Mail-box.	H. Geddes.	857,234	June 18	3486	736	128	2649
Mail-box.	F. C. Graham.	858,509	July 2	257	63	129	92
Mail-box.	G. A. Wirt.	868,590	Oct. 15	2176	607	130	2025
Mail-box.	W. E. and G. Weston.	870,654	Nov. 12	1244	337	131	440
Mail-box.	G. A. Wirt.	874,718	Dec. 24	4954	1040	131	2060
Mail-box attachment.	C. M. Hartwell.	875,073	Dec. 31	5674	1184	131	2200
Mail-box-delivery apparatus	H. M. Cole.	851,730	Apr. 30	6074	1269	127	3271
Mail-box. Residence.	E. S. Coughman.	854,192	May 21	3719	770	128	1021
Mail-box signal.	W. H. Granger.	843,805	Feb. 12	1905	408	126	2306
Mail-cabinet.	D. F. Clark.	842,767	Jan. 29	6103	1288	126	1700
Mail-carrier.	C. W. Moore.	875,366	Dec. 31	6249	1303	131	2293
Mail-carrier.	T. W. Russell and R. Saylor.	844,960	Feb. 19	4438	948	126	2967
Mail-carrier.	G. C. Willis.	869,121	Oct. 22	3000	829	130	2304
Mail-carrier.	A. and C. W. McIntire.	869,448	Oct. 29	3526	968-9	130	2494
Mail-carrier box. Portable.	W. E. Van Deventer.	845,598	Feb. 26	5701	1208	126	3324
Mail-carrier's box. Rural.	E. F. Hutchins and J. J. Sala.	865,706	Sept. 10	1480	418	130	481
Mail-carrier's cabinet. Rural.	E. L. Mathison.	874,896	Dec. 24	5269	1110	131	2116
Mail-carrier's cart.	W. O. Covey.	849,660	Apr. 9	2065	424	127	2149
Mail-carrying apparatus.	C. N. Libey.	844,526	Feb. 19	3366	726	126	2705
Mail-carrying cabinet.	M. S. Darling, G. N. Preston, and M. D. Erickson.	859,645	July 9	2058	555-6	129	719
Mail-carrying device.	A. A. Lutterman.	849,551	Apr. 9	1864	378	127	2099
Mail catcher and crane.	O. M. Peregrine.	874,116	Dec. 17	3735	785-6	131	1828
Mail catching and discharging apparatus	A. Kimber.	852,792	May 7	856	173	128	219
Mail-chute.	R. W. Ashley.	854,866	May 28	5023	1044	128	1381
Mail-chute.	J. W. Cutler.	874,053	Dec. 17	3556	757-8	131	1808
Mail-chute closure.	J. W. Cutler.	862,450	Aug. 6	578	153	129	2271
Mail collecting and delivering means.	W. H. Mazingo.	871,431	Nov. 19	2714	686	131	810
Mail-collector.	A. B. Hart.	846,564	Mar. 12	1707	377	127	463
Mail-conveyer.	F. S. White and J. F. Stafford.	847,035	Mar. 12	2640	582	127	699
Mail-crane.	M. Laska.	843,467	Feb. 5	1235	259	126	2102
Mail-crane.	J. Bour.	865,292	Sept. 3	809	233-4	130	244
Mail-crane.	T. J. Wolfe and F. L. Wood.	866,899	Sept. 24	3284	925	130	1124
Mail-crane.	D. J. Berthold.	867,785	Oct. 8	844	241	130	1593
Mail-deliverer.	N. K. Bowman.	843,129	Feb. 5	594	126	126	1947
Mail-deliverer.	H. O. Schroeder.	859,465	July 9	1772	475	129	628
Mail deliverer and receiver.	O. Fisher.	873,527	Dec. 10	2505	528-9	131	1601
Mail-delivery apparatus.	J. R. Harris.	844,125	Feb. 12	2499	537	126	2450
Mail-delivery apparatus.	C. E. Gladding.	865,695	Sept. 10	1463	413-14	130	477
Mail-delivery cabinet. Rural.	E. Paulson.	853,318	May 14	1942	401-2	128	532
Mail-desk.	O. T. Priser.	866,218	Sept. 17	2271	634	130	771
Mail-handling device for railway mail-service.	C. F. Robinson.	854,705	May 21	4680	975	128	1263
Mail. Index cell-case equipment for delivery of.	J. W. Howard and R. M. McKee.	840,332	Jan. 1	1088	237	126	291
Mail-marking machine.	H. E. Waite.	845,911	Mar. 5	390	79-80	127	100
Mail-marking machine.	F. G. Jahn.	856,345	June 11	1770	368-70	128	2176
Mail-matter. Machine for stamping and sealing.	L. J. Hall.	870,359	Nov. 5	767	204-11	131	252
Mail-matter. Pick-up table for.	G. A. Gasman and J. T. Lynch.	857,990	June 25	4992	1055	128	3059
Mail-pouch.	J. E. Harris.	867,501	Oct. 1	413	117	130	1444
Mail-pouch catcher.	J. W. Pepple.	874,234	Dec. 17	3972	838	131	1869
Mail-pouch-catching device.	H. W. Graff.	870,879	Nov. 12	1605	440	131	552
Mail-pouch crane.	H. W. Kline.	874,210	Dec. 17	3920	826	131	1860
Mail-pouch-delivery device.	H. W. Graff.	870,878	Nov. 12	1604	439	131	552
Mail-pouch deposit and collection apparatus.	M. C. Dillen.	873,735	Dec. 17	2925	621	131	1704
Mail-pouch-handling apparatus.	J. Marhanka.	863,736	Aug. 20	2556	706-7	129	2944
Mail-pouch receiving and delivering device.	B. Stanley.	873,276	Dec. 10	1997	418-19	131	1516
Mail-pouch. Rural-delivery.	J. W. Altmyer.	864,282	Aug. 27	3392	943	129	3232
Mail-receiver.	N. K. Bowman.	857,022	June 18	3083	651	128	2547
Mail-receiver.	A. F. Kuhl.	873,247	Dec. 10	1942	407	131	1507
Mail receiver and deliverer for railway-trains.	A. Matlak, K. Wisniewski, and M. Skikiewicz.	872,301	Nov. 26	4529	1073	131	1124
Mail receiving and delivering apparatus.	H. G. Robinson.	860,571	July 16	3454	949	129	1207
Mail-receiving box.	A. Haentze.	851,745	Apr. 30	6100	1275	127	3277
Mail-sack catching and delivering apparatus	M. D. Cummings.	843,561	Feb. 5	1464	300	126	2157
Mail-sack lock.	F. S. Benser and M. M. Faucett.	849,040	Apr. 2	852	175	127	1805
Mail-transfer device.	H. B. Burke.	871,475	Nov. 19	2806	706	131	825
Mail-transportation system.	O. O. Johnson.	846,313	Mar. 5	1175	258	127	297
Mail-transportation system.	L. C. Jarrett.	847,076	Mar. 12	2723	600-1	127	719
Mail-transportation system.	E. S. Upright.	848,517	Mar. 26	5601	1224-5	127	1498
Mailing-card. Return.	G. H. Scragg.	867,613	Oct. 8	595	169	130	1515
Mailing-machine.	J. C. Thomson.	867,447	Oct. 1	323	94-5	130	1414
Mailing-machine. Automatic.	B. S. Molyneux.	871,133	Nov. 19	2043	554-5	131	710
Mailing or post card.	L. Reiman.	849,426	Apr. 9	1604	325	127	2034

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Mainspring-winder	L. Kohn	872,135	Nov. 26	4198	1003	131	1071
Mallet	C. Knopf	863,404	Aug. 13	2070	558	129	2763
Malt extracts rich in diastase. Making	G. Sobotka	860,340	July 16	3108		129	1092
Malt extracts. Solidified diastatic	I. Pollak	853,934	May 14	3187		128	848
Malt-house and apparatus	W. P. Rice. (Reissue)	12,728	Dec. 3	1446	301-2	131	1393
Malt-stirring apparatus	B. W. Tucker	870,598	Nov. 12	1133	309-10	131	409
Malting and pneumatic drying apparatus. Pneumatic	F. H. C. Mey	857,954	June 25	4904	1036-7	128	3036
Malting grain	K. I. Somló	854,003	May 21	3325		128	922
Malting process	H. Heuser	856,637	June 11	2370	487	128	2329
Man-lift	O. A. Nubsson	845,253	Feb. 26	5031	1070	126	3159
Mandolin	W. C. Clopton	860,350	July 16	3119	853	129	1095
Mandrel. Corrugating	E. R. Stasch	841,277	Jan. 15	2988	650	126	847
Mandrel. Tube	J. R. Harbeck	869,902	Nov. 5	46	13	131	17
Manganese silicid. Producing	E. F. Price	866,597	Sept. 17	2823	791	130	944
Mangle	A. Bess	844,773	Feb. 19	4104	875	126	2884
Mangle	E. G. Smith	859,987	July 16	2582	703-4	129	919
Mangle	J. H. Thompson and J. Murphy	863,671	Aug. 20	2467	680-1	129	2915
Mangle-roll covering	J. H. Hunt	869,572	Oct. 29	3738	1023	130	2560
Mangles. Feeding attachment for	J. H. Slack and W. W. Riley	843,709	Feb. 12	1736	370	126	2263
Manhole-cover	W. Egle	870,498	Nov. 5	982	268	131	319
Manhole-cover lock	B. T. Letts	845,182	Feb. 26	4892	1038	126	3124
Manholes. Means for covering	H. R. Brain	864,605	Aug. 27	3931	1089-90	129	3401
Manicure implement	A. L. Tolman	847,031	Mar. 12	2635	580	127	698
Manicure implement	W. J. Carroll	857,790	June 25	4575	968	128	2955
Manicure implement	E. H. Stoddard	859,467	July 9	1774	476	129	628
Manicure implement	A. L. Tolman	869,946	Nov. 5	104	29	131	35
Manicuring implement	S. Korper	847,012	Mar. 12	2593	569	127	688
Manicuring-tool	C. Bailey	848,337	Mar. 26	5267	1148	127	1417
Manifold pad or book	S. C. Nusly	847,993	Mar. 19	4604	1009	127	1211
Manifolding attachment	W. A. Rankin	854,703	May 21	4673	974	128	1261
Manifolding-bill-pad holder	P. A. McCaskey	870,193	Nov. 5	504	137	131	164
Manifolding bill pad or book	P. A. McCaskey	871,516	Nov. 19	2894	724	131	838
Manifolding device	J. E. Norman	857,100	June 18	3241	682	128	2586
Manifolding device	L. Winkelmann	860,719	July 23	3706	1015	129	1319
Manifolding device	C. L. Converse	862,610	Aug. 6	860	230	129	2350
Manifolding device	B. E. McSheehy	870,456	Nov. 5	926	252-3	131	302
Manifolding mechanism	H. D. Bolton	856,333	June 11	1749	362-4	128	2170
Manifolding mechanism	H. J. Halle	858,597	July 2	410	105-7	129	146
Manifolding-pad	S. W. Gass	854,483	May 21	4250	879	128	1157
Manifolding-pad and holder	W. F. Beck. (Reissue)	12,624	Mar. 26	5816	1267	127	1551
Manifolding-pad holder	P. A. McCaskey	870,793	Nov. 12	1469	397	131	510
Manila copal, &c., insoluble in oil. Rendering	W. Baringer	854,071	May 21	3476		128	959
Manipulator	J. W. Weber	843,422	Feb. 5	1151	241-2	126	2080
Mantel. Cabinet	M. Marcks	865,510	Sept. 10	1174	333-4	130	388
Mantel. Heat-radiating	A. Hager	874,843	Dec. 24	5163	1088	131	2100
Mantle-firing flames. Regulator for	H. Heidorn	850,752	Apr. 16	4111	860-1	127	2709
Mantle-holder	F. B. Howard	858,603	July 2	421	109	129	150
Mantle holder. Welsbach	C. R. Warner	873,690	Dec. 10	2813	600	131	1656
Mantle-holders. Dies for	B. H. Greene	860,368	July 16	3150	861	129	1105
Mantle-impregnating machine	E. D. Anderson	844,644	Feb. 19	3816	807-11	126	2809
Mantle. Mounting a	C. M. Lungren	845,185	Feb. 26	4899	1039	126	3126
Mantle-support	F. E. Reichardt	842,975	Feb. 5	262	57	126	1855
Mantle-support	F. B. Howard	860,543	July 16	3410	937	129	1192
Manure and dirt dump	J. C. Rogers	845,124	Feb. 26	4787	1015	126	3098
Manure and straw gatherer	A. Dahlin	855,445	June 4	10	3	128	1697
Manure-carrier	J. C. Fitzgerald	870,718	Nov. 12	1341	366	131	472
Manure. Contrivance to sprinkle	C. Ortmann	849,081	Apr. 2	934	191	127	1826
Manure-fork	W. H. Compton	855,283	May 28	5859	1221	128	1595
Manure-fork	J. Schmidt	858,419	July 2	85	23	129	30
Manure fork or carrier	L. Kniffen	844,524	Feb. 19	3360	725	126	2704
Manure-loader	B. P. Hanson	866,582	Sept. 17	2791	781	130	936
Manure-spreader	G. E. Camp	842,172	Jan. 29	4801	1025	126	1371
Manure-spreader	E. H. Park	842,238	Jan. 29	4936	1053	126	1404
Manure-spreader	F. M. Goodhue	851,928	Apr. 30	6477	1350-2	127	3376
Manure-spreader	C. Johnson	853,587	May 14	2446	509-10	128	660
Manure-spreader	E. Palm	855,126	May 28	5572	1158	128	1519
Manure-spreader	G. G. Griswold	856,632	June 11	2361	486	128	2326
Manure-spreader	A. E. Miller	863,550	Aug. 13	2279	622	129	2824
Manure-spreader	A. Johnston	865,182	Sept. 3	633	179-81	130	192
Manure-spreader	E. P. Ross	867,421	Oct. 1	289	85	130	1403
Manure-spreader	D. K. Wilson	871,845	Nov. 26	3548	868	131	975
Manure-spreader	W. Galloway	871,867	Nov. 26	3611	882	131	983
Manure-spreader	E. C. Litchfield and D. Garst	872,000	Nov. 26	3922	945	131	1027
Manure-spreader	S. K. Dennis and F. W. Rice	873,030	Dec. 10	1523	319-20	131	1437
Manure-spreader	C. W. Smith	873,465	Dec. 10	2367	498	131	1581
Manure-spreaders. Pusher for	D. K. Wilson	862,597	Aug. 6	844	225	129	2346
Manure. Treating	F. A. Goekeler	874,326	Dec. 17	4153		131	1899
Map-case	W. McMaster	843,837	Feb. 12	1969	421	126	2321
Map exhibitor. Road	H. Metcalfe	841,800	Jan. 22	4033	871	126	1150
Map-holder	O. Nygren	853,468	May 14	2209	459	128	600
Marble. Integral or through coloration of	E. L. Belloni	844,846	Feb. 19	4247		126	2921
Marble. Making artificial	E. E. Hippe	873,371	Dec. 10	2214		131	1550
Marble-polishing machine	J. R. Peirce	843,624	Feb. 12	1589	336	126	2224
Marble-snapping device	W. L. Hoffman	855,949	June 4	977	203	128	1940
Marble-working machine	J. R. Peirce	857,898	June 25	4780	1015	128	3003
Marble-working machine	J. R. Peirce	858,466	July 2	153	41-2	129	51
Marcel-waving iron	A. W. Kahle and L. Rensman	855,709	June 4	504	105	128	1824
Marine electric wharfage	G. G. Schroeder	841,583	Jan. 15	3578	776	126	1001
Marine table. Electrically-operated self-leveling	C. W. Laskay	868,874	Oct. 22	2625	726	130	2186
Marine wooden structures. Method and apparatus for protecting	T. N. Prudden	856,588	June 4	276	56	128	1766
Marker	C. Beckmann	852,214	Apr. 30	7065	1476	127	3524
Marker and tracing-wheel Combined	R. L. Herman	846,919	Mar. 12	2421	532	127	645
Marker and trip-actuator. Ground	F. H. Morse	843,162	Feb. 5	657	138	126	1961
Marker. Dry-goods	P. H. Stewart and E. A. Miller	845,593	Feb. 26	5691	1206	126	3321

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Marker. Land-.....	A. E. Le Blanc.....	852,069	Apr. 30	6791	1414	127	3455
Marker. Pie-.....	C. Sullivan.....	869,666	Oct. 29	3890	1070	130	2604
Marking apparatus.....	E. M. Schantz.....	847,610	Mar. 19	3795	832	127	1020
Marking apparatus. Credit-.....	J. J. Leidigh.....	869,858	Oct. 29	4165	1150	130	2686
Marking-gage.....	A. Solomon.....	867,761	Oct. 8	809	228	130	1581
Marking-gage.....	O. O. Obermeyer.....	868,114	Oct. 15	1414	397	130	1788
Marking-gage for rules.....	C. Nielsen.....	848,387	Mar. 26	5360	1168	127	1437
Marking-machine.....	J. D. Caldwell.....	847,646	Mar. 19	3877	847-8	127	1040
Marking-pin.....	W. W. Morrell.....	875,094	Dec. 31	5717	1191	131	2207
Marl, making carbide. Utilizing.....	H. L. Hartenstein.....	844,018	Feb. 12	2309	.....	126	2404
Marrow. Process of and product from treating.....	E. Klein.....	862,337	Aug. 6	376	.....	129	2201
Mash-tub stirrer.....	O. Selg.....	870,748	Nov. 12	1407	381	131	488
Mash-tubs. Drain attachment for.....	J. N. Birsner.....	840,900	Jan. 8	2229	490	126	610
Mash-tubs. Drain-controlling apparatus for.....	A. Aufrechtig.....	872,103	Nov. 26	4136	989	131	1061
Mashing apparatus.....	H. Heuser.....	861,979	July 30	5672	1574	129	1976
Mask.....	A. Otto.....	843,486	Feb. 5	1289	270	126	2115
Mask.....	R. K. Catt.....	865,996	Sept. 17	1944	543	130	668
Mask. Catcher's.....	J. Gamble and G. M. Smith.....	861,170	July 23	4389	1204	129	1542
Mask. Catcher's.....	A. C. Ferry.....	875,337	Dec. 31	6194	1291	131	2283
Masonry and concrete structure.....	D. B. Luten.....	852,971	May 7	1235	254	128	315
Masonry-tool.....	P. J. Courtney.....	853,164	May 7	1581	329	128	399
Mason's implement.....	R. Antoine.....	852,991	May 7	1276	265	128	325
Mason's pointing-tool.....	A. Elde.....	854,939	May 28	5171	1077	128	1420
Massage apparatus.....	G. F. Trotter and A. Bebout.....	842,503	Jan. 29	5522	1170	126	1562
Massage apparatus.....	G. W. Fitz.....	845,733	Feb. 26	5985	1264-5	126	3394
Massage apparatus.....	J. C. Johansen.....	846,412	Mar. 5	1390	307	127	353
Massage apparatus.....	G. W. Fitz and F. W. Hitchings.....	851,510	Apr. 23	5600	1172	127	3120
Massage apparatus.....	D. C. Fisher.....	852,549	May 7	340	61	128	93
Massage apparatus.....	F. Schmidt.....	857,761	June 25	4517	953	128	2940
Massage apparatus.....	C. O. Lindstrom.....	859,674	July 9	2101	567	129	734
Massage apparatus.....	J. C. Barnes.....	860,182	July 16	2871	784	129	1013
Massage apparatus.....	R. S. Sarver.....	861,610	July 30	5113	1405	129	1807
Massage apparatus.....	S. F. Bowser.....	863,143	Aug. 13	1688	453	129	2641
Massage apparatus. Abdominal-.....	J. C. Johansen.....	860,669	July 23	3629	995	129	1296
Massage apparatus. Ear-.....	K. M. Turner and N. W. Johnston.....	845,383	Feb. 26	5307	1126	126	3227
Massage apparatus. Pneumatic.....	S. Hasbrouck.....	841,146	Jan. 15	2744	599-600	126	787
Massage device.....	F. S. Cartwright.....	849,529	Apr. 9	1827	371	127	2090
Massage device. Flexible.....	S. F. Bowser.....	863,144	Aug. 13	1690	453	129	2641
Massage implement.....	L. B. Buchanan.....	852,163	Apr. 30	6969	1455	127	3499
Massage implement.....	A. Barker.....	868,522	Oct. 15	2053	576	130	1980
Massage implement.....	F. E. d'Humy.....	871,121	Nov. 19	2015	548	131	706
Massage implement.....	H. G. Hart.....	872,126	Nov. 26	4181	999	131	1069
Massage implement.....	H. D. Gardy.....	873,123	Dec. 10	1713	357	131	1468
Massage instrument.....	W. G. Shelton.....	849,924	Apr. 9	2549	528	127	2272
Massage instrument for applying ointments, lotions, &c.....	W. Doyle.....	850,357	Apr. 16	3348	698	127	2517
Massage instrument. Vibratory.....	B. T. Castleman.....	847,239	Mar. 12	3032	668	127	795
Massage-machine.....	R. V. Clark.....	854,983	May 28	5249	1093	128	1439
Massage-machine.....	W. D. Davenport.....	868,600	Oct. 15	2193	611	130	2030
Massage-machine. Pneumatic.....	A. A. Wickland.....	854,548	May 21	4364	904	128	1183
Massage purposes. Vibrator for.....	F. C. Aschburner.....	859,424	July 9	1721	458	129	611
Massage, shampooing, and other purposes. Implement for.....	H. F. Schelling.....	874,251	Dec. 17	3999	844	131	1874
Massage treatments. Register-operating device for.....	J. W. B. Faris.....	873,931	Dec. 17	3305	706	131	1768
Massage-vibrator.....	W. J. Bell.....	866,610	Sept. 17	2840	801-2	130	950
Massaging apparatus.....	E. M. Funk.....	843,674	Feb. 12	1674	355	126	2247
Massaging implement.....	F. J. Osius.....	847,360	Mar. 19	3287	721	127	885
Massaging purposes. Vibrating machine for.....	J. V. Daniels.....	868,534	Oct. 15	2074	581	130	1987
Mast-hoop.....	P. J. Hansen.....	855,246	May 28	5797	1208	128	1579
Masts, pipes, hollow piles, &c. Process and apparatus for manufacturing hollow.....	H. Siegwart.....	839,895	Jan. 1	185	41-2	126	52
Mat:							
See Door-mat. Picture-mat.							
Floor-mat. Rubber mat.							
Folding mat. Table-mat.							
Mat.....	W. W. Mitchell.....	866,378	Sept. 17	2520	702	130	850
Match-box.....	W. T. Mapes.....	840,856	Jan. 8	2131	470	126	585
Match-box.....	E. A. Gerken.....	844,119	Feb. 12	2490	535	126	2449
Match-box.....	H. M. Kabele.....	846,314	Mar. 5	1178	259	127	298
Match-box.....	J. W. Hurd.....	854,579	May 21	4429	920	128	1201
Match-box.....	W. E. Edwards.....	854,991	May 28	5269	1096	128	1444
Match-box.....	A. G. Slater.....	855,993	June 4	1063	220	128	1962
Match-box.....	R. vom Cleff, Jr., and C. F. Benedict.....	861,265	July 30	4569	1247	129	1638
Match-box.....	C. Nelson.....	861,671	July 30	5201	1429	129	1833
Match-box.....	W. E. Edwards.....	866,268	Sept. 17	2350	653	130	796
Match-box.....	M. F. Luna.....	872,243	Nov. 26	4418	1050	131	1106
Match-box. Pocket.....	M. Gabasio.....	857,274	June 18	3561	754	128	2668
Match-boxes, &c. Holder or receptacle for.....	E. Demelius.....	850,141	Apr. 16	2939	614	127	2407
Match-boxing machine.....	E. Eichler.....	861,273	July 30	4582	1251-2	129	1642
Match-delivering receptacle.....	C. W. Redman.....	841,181	Jan. 15	2801	611	126	801
Match-dipping apparatus.....	W. H. Parker.....	871,818	Nov. 26	3485	854	131	964
Match-dispensing box.....	C. H. and W. C. Moore.....	846,683	Mar. 12	1949	429	127	526
Match-holder.....	E. H. Williams.....	855,489	June 4	90	19	128	1717
Match holder and lighter.....	V. Winquist.....	849,305	Apr. 2	1371	276	127	1937
Match-lighter.....	J. G. McCarthy.....	854,960	May 28	5205	1085	128	1429
Match-lighting device.....	W. C. Johnson and W. B. Hurt.....	874,682	Dec. 24	4867	1024	131	2043
Match-machine.....	J. S. Woodbridge.....	854,863	May 28	5016	1043	128	1379
Match-machine.....	W. F. Hutchinson.....	865,592	Sept. 10	1308	371	130	426
Match-machine.....	W. F. Hutchinson.....	866,648	Sept. 24	2908	819	130	1001
Match-machine.....	W. F. Hutchinson.....	866,649	Sept. 24	2910	819	130	1001
Match-machine.....	W. F. Hutchinson.....	866,650	Sept. 24	2910	819-23	130	1001
Match-machine.....	W. F. Hutchinson.....	866,651	Sept. 24	2914	823-4	130	1002
Match-making machine.....	J. H. Weaver and I. R. Laux.....	851,848	Apr. 30	6319	1317-18	127	3336
Match-making machine.....	H. Beeg.....	857,861	June 25	4709	999	128	2987

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Match-making-machine dipping device.....	P. Moreland and O. H. Landvatter.	869,641	Oct. 29	3849	1053	130	2592
Match-making machinery.....	A. B. Calkins.....	840,821	Jan. 8	2060	456	126	567
Match-making machinery.....	A. B. Calkins.....	840,822	Jan. 8	2062	457	126	568
Match-making machinery.....	A. B. Calkins.....	854,870	May 28	5031	1045-7	128	1383
Match-making machinery.....	A. B. Calkins.....	854,871	May 28	5039	1047-9	128	1385
Match-safe.....	H. Budesheim.....	842,621	Jan. 29	5773	1219	126	1621
Match-safe.....	C. H. Lovering.....	843,405	Feb. 5	1122	234	126	2073
Match-safe.....	M. E. Mitchell.....	843,685	Feb. 12	1690	359	126	2251
Match-safe.....	E. M. Newell.....	846,756	Mar. 12	2088	458	127	561
Match-safe.....	R. R. Mont.....	874,416	Dec. 24	4339	913	131	1962
Match-safe and easel. Combined.....	O. Kettmann.....	859,668	July 9	2089	564	129	729
Match-safe and mailing-card. Combined.....	C. Grundy.....	845,411	Feb. 26	5358	1137	126	3238
Match-safe-blank-bending machine.....	W. F. Smith and M. Johnson.....	872,025	Nov. 26	3981	956-7	131	1035
Match-safe. Calendar.....	F. P. Andrus.....	874,280	Dec. 17	4062	857	131	1883
Match scratch and receptacle.....	D. Lange.....	874,347	Dec. 17	4188	882	131	1905
Match-scratcher.....	T. R. Milligan and W. M. Thom.....	862,001	July 30	5700	1581	129	1984
Match-striking device.....	L. W. Miner-Stevens.....	870,735	Nov. 12	1366	374	131	479
Matches. Safety device for the ignition of slow.....	F. Kammler.....	862,974	Aug. 13	1410	383	129	2553
Materials. Apparatus for treating.....	C. E. Mark.....	846,588	Mar. 12	1762	389	127	477
Mathematical instrument.....	L. A. Clapp.....	866,432	Sept. 17	2586	722	130	872
Matrices. Font of.....	J. B. Bell.....	865,073	Sept. 3	490	135	130	149
Matrices. Master-block for making.....	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.....	854,459	May 21	4209	871	128	1148
Matrices. Master-block for producing.....	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.....	854,458	May 21	4208	871	128	1147
Matrices. Producing.....	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.....	854,456	May 21	4205	870	128	1147
Matrices. Producing.....	W. H. Welsh.....	874,353	Dec. 17	4197	884	131	1907
Matrices. Producing.....	W. H. Welsh.....	874,354	Dec. 17	4198	884	131	1908
Matrix-backing.....	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.....	849,830	Apr. 9	2368	485	127	2227
Matrix-making master-block.....	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.....	854,457	May 21	4206	871	128	1147
Matrix-making, means to position plates and blocks.....	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.....	843,578	Feb. 12	1497	317	126	2200
Matrix-making plate and block attached.....	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.....	843,577	Feb. 12	1496	317	126	2200
Matting.....	G. B. Dickerson.....	863,054	Aug. 13	1526	414	129	2589
Matting. Straw.....	F. E. Arrouquier.....	842,053	Jan. 22	4533	975	126	1270
Mattress.....	M. Brown.....	848,437	Mar. 26	5459	1190	127	1463
Mattress.....	S. H. Weston.....	853,049	May 1	1388	289	128	353
Mattress.....	J. R. Valentine.....	856,746	June 11	2573	529	128	2381
Mattress.....	C. J. Witzel.....	856,752	June 11	2582	530	128	2383
Mattress.....	E. D. H. Lambotte.....	857,078	June 18	3193	672	128	2576
Mattress.....	W. Groskopf.....	865,585	Sept. 10	2299	368	130	424
Mattress.....	F. H. Hirschman.....	871,871	Nov. 26	3617	883	131	984
Mattress and bedclothes holder.....	G. E. Parker and W. W. Dickson.....	873,777	Dec. 17	3002	637	131	1718
Mattress-filling machine.....	E. J. Antoni.....	867,936	Oct. 15	1099	310-14	130	1695
Mattress-filling. Machine for compressing.....	A. A. Schimmel.....	842,344	Jan. 29	5163	1097	126	1463
Mattress. Folding.....	C. A. Baker.....	846,445	Mar. 12	1470	327	127	401
Mattress-frame.....	F. G. Gale.....	844,788	Feb. 19	4137	882	126	2893
Mattress-frame.....	R. W. Miller.....	854,900	May 28	5108	962	128	1405
Mattress-frame.....	H. A. Bacon.....	861,201	July 23	4444	1218-19	129	1561
Mattress-frame.....	F. G. Gale.....	864,366	Aug. 27	3515	976	129	3269
Mattress-frame corner-cap. Wire.....	E. A. Sammons.....	851,563	Apr. 23	5707	1195	127	3145
Mattress-making machine.....	C. W. White.....	855,737	June 4	576	118	128	1844
Mattress-making machine.....	J. T. Harris.....	865,100	Sept. 3	522	144	130	158
Mattress. Spring.....	B. Weinberg.....	846,635	Mar. 12	1870	411	127	506
Mattress. Spring.....	F. A. Loope.....	861,665	July 30	5193	1426	129	1531
Mattress stretcher. Wire.....	J. Erlandsen.....	870,552	Nov. 12	1068	290-1	131	377
Mattress-stuffing machine.....	S. A. Coffman.....	856,445	June 11	2000	411-12	128	2236
Mattress-wire-bending machine.....	F. J. Crouch.....	841,634	Jan. 15	3679	798	126	1025
Mattresses. Bed-riser for woven-wire.....	J. M. and F. Holland.....	856,701	June 11	2483	511	128	2356
Mattresses for stitching. Machine for gathering the edges of.....	H. A. Stengel.....	874,451	Dec. 24	4394	926	131	1972
Maul. Post-.....	E. Simmons.....	843,636	Feb. 12	1610	341	126	2231
Maul. Post-.....	C. Palmer.....	846,503	Mar. 12	1589	352	127	434
Mausoleum.....	T. J. Moore.....	863,303	Aug. 13	1928	521	129	2715
Maximum-demand indicator.....	F. H. Bowman.....	856,441	June 11	1993	410	128	2234
Maze. Revolving or rotary-action.....	R. Lowe.....	853,642	May 14	2565	531	128	691
Meal from wheat and other farinaceous products of poor baking quality. Production of.....	L. Rapoport.....	839,889	Jan. 1	173	.....	126	48
Measure.....	C. W. Newton.....	871,814	Nov. 26	3480	853	131	963
Measure and register. Beer.....	W. H. Miner.....	843,957	Feb. 12	2199	470-1	126	2378
Measure. Computing.....	M. E. Cummings.....	846,013	Mar. 5	604	125-6	127	155
Measure. Computing tape.....	E. F. Holinger.....	870,884	Nov. 12	1613	442	131	554
Measure. Computing yard.....	R. E. Gaines.....	866,125	Sept. 17	2144	596	130	731
Measure for fabrics.....	G. W. Davis.....	840,047	Jan. 1	508	111	126	135
Measure. Liquid.....	F. Simpson.....	868,023	Oct. 15	1278	354-5	130	1747
Measure. Tailor's.....	R. Thompson.....	860,773	July 23	3788	1038	129	1346
Measure. Tailor's tape.....	B. Ricciardi.....	869,264	Oct. 29	3222	887	130	2401
Measure. Tape.....	R. J. Read.....	841,272	Jan. 15	2978	648	126	845
Measure. Tape.....	E. A. Christoph.....	852,771	May 7	792	158	128	205
Measure. Tape.....	C. E. Flint.....	869,169	Oct. 22	3070	847	130	2326
Measure. Tape.....	F. Buck.....	873,712	Dec. 17	2865	610	131	1697
Measurements on fabric, piece goods, and the like. Apparatus for marking.....	E. Kessler.....	864,788	Sept. 3	35	11	130	13
Measurer. Distance and angle.....	J. M. Kauffmann.....	875,437	Dec. 31	6389	1332-3	131	2316
Measuring and cutting machine. Cloth.....	P. S. Swan and N. Fraser.....	846,259	Mar. 5	1072	231-2	127	273
Measuring and cutting skirts. Machine or device to be used in.....	V. A. Phoebeus.....	873,266	Dec. 10	1979	414	131	1513
Measuring and drafting device. Garment.....	M. C. Pelton.....	875,554	Dec. 31	6601	1380	131	2356
Measuring and forming device.....	M. A. Flinn.....	851,284	Apr. 23	5165	1085	127	3012
Measuring and indicating velocity. Mechanism for.....	J. E. Boyd.....	872,325	Dec. 3	10	2	131	1174
Measuring and marking machinery. Fabric.....	H. S. Autton.....	842,435	Jan. 29	5379	1138-9	126	1520

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Measuring and mixing machine.	A. Lanquist.	857,742	June 25	4479	945	128	2931
Measuring and weighing machine.	E. G. Staude.	869,335	Oct. 29	3346	920-2	130	2437
Measuring apparatus.	G. P. Hemstreet.	852,718	May 7	693	134	128	182
Measuring apparatus.	D. Berenberg.	865,350	Sept. 10	920	264	130	307
Measuring apparatus.	A. J. Felter.	871,865	Nov. 26	3607	881	131	982
Measuring apparatus. Construction of.	M. Gehre.	855,846	June 4	789	165	128	1894
Measuring apparatus for electricity.	E. Mier y Miura.	847,424	Mar. 19	3420	749-50	127	921
Measuring apparatus. Liquid.	E. O. Linton.	857,083	June 18	3211	675-6	128	2579
Measuring apparatus. Liquid.	P. C. Forrester.	871,580	Nov. 19	3018	752	131	860
Measuring apparatus. Siphonic.	E. O. Linton.	851,241	Apr. 23	5071	1066-7	127	2988
Measuring apparatus. Tailor's.	J. Barnett.	855,272	May 28	5837	1217	128	1589
Measuring attachment for bottle-stoppers.	A. Morrison.	852,074	Apr. 30	6798	1416	127	3457
Measuring-can. Graduated.	C. P. Telman.	872,482	Dec. 3	352	72	131	1223
Measuring device.	S. Peck.	845,572	Feb. 26	5654	1198	126	3312
Measuring device.	C. H. Fort.	848,818	Apr. 2	445	87	127	1699
Measuring device.	O. Caviglia.	853,768	May 14	2831	582	128	761
Measuring device.	W. C. Fogle.	854,476	May 21	4234	876	128	1153
Measuring device.	G. F. Clark.	861,952	July 30	5636	1562	129	1966
Measuring device.	Z. Rabie.	868,363	Oct. 15	1809	509	130	1906
Measuring device.	L. B. Clark.	868,641	Oct. 22	2265	627	130	2076
Measuring device.	D. E. Conlon.	875,050	Dec. 31	5631	1175	131	2193
Measuring device.	A. E. Thomson.	875,470	Dec. 31	6451	1347	131	2327
Measuring device. Liquid.	G. O. Seeley.	871,827	Nov. 26	3514	859	131	968
Measuring device. Liquid.	H. V. Johnson.	875,181	Dec. 31	5886	1227	131	2235
Measuring device. Perimeter.	A. W. Engel.	846,461	Mar. 12	1498	332	127	409
Measuring device. Rotary.	E. G. Kimmell.	844,364	Feb. 19	3024	646	126	2622
Measuring device. Rotary.	M. H. Richardson.	874,994	Dec. 31	5522	1152	131	2175
Measuring device. Skirt.	M. J. Bovard.	874,158	Dec. 17	3806	802	131	1842
Measuring electric capacity. Apparatus for.	H. Shoemaker.	850,064	Apr. 9	2776	583	127	2326
Measuring electric currents. Method of and apparatus for.	O. T. Blathy.	853,216	May 14	1717	356	128	467
Measuring electrical resistances. Apparatus for.	S. Evershed.	858,335	June 25	5645	1208	128	3225
Measuring-glass and pestle and mortar. Combined.	A. W. M. Dickens.	870,087	Nov. 5	330	92	131	110
Measuring heights of persons. Device for.	W. H. Johnson.	865,709	Sept. 10	1484	419	130	482
Measuring implement.	E. W. Ellington.	874,751	Dec. 24	5006	1054-5	131	2070
Measuring instrument.	G. M. Willis.	843,189	Feb. 5	719	149-50	126	1975
Measuring instrument.	E. Schaeffer.	854,762	May 28	4807	999	128	1325
Measuring instrument.	H. Roost.	855,865	June 4	822	171	128	1902
Measuring instrument.	E. B. Stimpson.	856,820	June 11	2698	557	128	2412
Measuring instrument.	A. G. Davis and C. D. Haskins.	867,561	Oct. 1	504	144-5	130	1470
Measuring instrument.	C. Scheibenstock, Fils.	868,813	Oct. 22	2541	700-1	130	2162
Measuring instrument.	J. Jacobson and J. Haugland.	871,996	Nov. 26	3912	943	131	1025
Measuring instrument. Electric.	F. Holden.	853,790	May 14	2864	589	128	769
Measuring instrument. Electrical.	J. M. Lea.	840,569	Jan. 8	1591	349	126	450
Measuring instrument. Electrical.	A. O. Benecke.	845,995	Mar. 5	562	118	127	144
Measuring instrument. Electrical.	A. O. Benecke.	846,084	Mar. 5	752	157	127	192
Measuring instrument. Electrical.	T. W. Varley.	847,624	Mar. 19	3844	840	127	1031
Measuring instrument. Electrical.	A. O. Benecke.	851,976	Apr. 30	6574	1370	127	3400
Measuring instrument. Electrical.	J. Abrahamson.	854,709	May 28	4705	979	128	1299
Measuring instrument. Electrical.	W. E. Sumpner.	863,008	Aug. 13	1462	398	129	2571
Measuring instrument. Electrical.	T. W. Varley.	866,990	Sept. 24	3428	971-2	130	1169
Measuring instrument. Electrical.	F. W. Roller.	868,128	Oct. 15	1431	402	130	1793
Measuring instrument. Electrical.	J. M. Lea.	870,632	Nov. 12	1205	326	131	428
Measuring instrument. Electrical.	C. B. Thwing.	870,803	Nov. 12	1489	406	131	516
Measuring instrument. Electrical.	P. MacGahan.	872,300	Nov. 26	4527	1072	131	1124
Measuring instrument. Electrical.	W. E. Sumpner.	872,474	Dec. 3	338	69-70	131	1220
Measuring instrument. High-potential.	H. Shoemaker.	850,065	Apr. 9	2777	583	127	2327
Measuring-instrument indicator. Electrical.	F. G. Simpson and W. M. Price.	863,109	Aug. 13	1637	439	129	2625
Measuring instrument. Portable electric.	H. Bourgeois.	850,129	Apr. 16	2924	610	127	2403
Measuring instruments. Optical device for use with.	G. Gaillard.	847,058	Mar. 12	2691	592	127	711
Measuring instruments. Optical reading device for electrical.	E. F. Northrup.	843,414	Feb. 5	1138	237	126	2077
Measuring instruments. Shunt for electrical.	A. O. Benecke.	845,996	Mar. 5	565	118	127	144
Measuring instruments. Shunt for electrical.	F. W. Roller.	859,255	July 9	1453	388	129	525
Measuring-machine.	J. Berg.	842,167	Jan. 29	4788	1022	126	1368
Measuring-machine.	W. T. Hollis.	850,304	Apr. 16	3238	675	127	2488
Measuring-machine.	W. M. Thomas and W. H. Leach, Jr.	866,747	Sept. 24	3064	864	130	1056
Measuring-machine. Cloth.	T. H. Nance.	844,739	Feb. 19	4029	859	126	2862
Measuring-machine. Cloth.	J. E. Windle.	860,004	July 16	2618	711-12	129	931
Measuring-machine. Cloth.	C. S. Botsford.	864,070	Aug. 20	3057	845-6	129	3098
Measuring-machine. Cloth.	L. P. Normandin.	873,454	Dec. 10	2348	493	131	1576
Measuring-machine. Dry-goods.	J. W. Parsons.	866,957	Sept. 24	3379	956	130	1155
Measuring-machine. Height.	J. McNish and L. W. Gray.	850,955	Apr. 23	4508	943-4	127	2849
Measuring-pole. Extensible.	J. Edwards.	867,812	Oct. 8	901	266	130	1609
Measuring quantities of liquid. Arrangement for.	T. Hillmer.	840,210	Jan. 1	861	186	126	233
Measuring speed of rotation. Apparatus for.	W. D. Litchfield.	869,442	Oct. 29	3518	966	130	2491
Measuring standing timber. Device for.	J. C. Dalrymple.	855,759	June 4	613	126	128	1852
Measuring-stick.	J. O'Bryan.	863,309	Aug. 13	1937	523	129	2718
Measuring-tank. Automatic.	F. N. Lowry.	872,359	Dec. 3	84	17	131	1181
Measuring tank. Liquid.	P. C. Clarke.	872,989	Dec. 3	1395	293	131	1387
Measuring-tape holder.	R. E. Nelson.	862,839	Aug. 6	1217	328	129	2455
Measuring the angles of sight. Apparatus for.	E. Schneider.	873,904	Dec. 17	3255	694	131	1760
Measuring the flow of liquids. Apparatus for.	L. B. Atkinson.	868,152	Oct. 15	1460	411	130	1803
Measuring-tool.	W. Thain.	857,542	June 18	4077	866	128	2799
Measuring tool. Angle.	M. Barbo.	847,720	Mar. 19	4024	879	127	1075
Measuring-wheel. Tailor's.	E. G. Agnell.	847,996	Mar. 26	4649	1014	127	1261
Measuring, winding, and weighing machine. Combined.	C. W. Cottrell.	854,467	May 21	4223	874	128	1151
Meat-chopper.	G. L. Forrest.	865,095	Sept. 3	515	142	130	156
Meat-chopping machine.	F. W. Orth.	853,894	May 14	3099	635	128	824
Meat-chopping machine.	E. Lacey.	843,898	Feb. 12	2082	447	126	2348
Meat-coating composition.	C. E. Perry, L. Bossing, and C. A. Farmer.	846,861	Mar. 12	2303	.....	127	661
Meat-compressor.	J. B. Moorman.	859,505	July 9	1829	493	129	646
Meat curing and coloring compound.	E. P. Gaines.	863,978	Aug. 20	2926	129	3059
Meat-cutter.	G. C. Schmidt.	842,499	Jan. 29	5516	1169	126	1561

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Meat-cutter	J. and K. Poskocil	843,696	Feb. 12	1710	364	126	2255
Meat-cutter	S. D. Wheeler	844,434	Feb. 19	3151	678	126	2654
Meat-cutter	H. Schwenck	845,584	Feb. 26	5677	1203	126	3317
Meat-cutting machine	F. A. Capener, L. Bump, E. Gust, and J. Shields	840,041	Jan. 1	495	108-9	126	131
Meat-cutting machine	I. B. Van Sise	849,945	Apr. 9	2581	535-6	127	2281
Meat-cutting machine	L. Ansel	859,034	July 2	1128	301	129	383
Meat-holder	C. Q. Jackson	848,655	Apr. 2	68	16	127	1602
Meat-holder	L. Garm	864,729	Aug. 27	4118	1144	129	3458
Meat-larding needle	P. Huss	867,044	Sept. 24	3516	998	130	1197
Meat. Making preserved	L. Kurz	863,926	Aug. 20	2853	.....	129	3038
Meat-saw	J. E. Smith	853,479	May 14	2229	464	128	605
Meat-smoking apparatus	C. Schmitt	843,368	Feb. 5	1072	221	126	2061
Meat-tenderer	J. W. Hurley	857,568	June 18	4134	876	128	2809
Meat-tenderer	F. C. Jamison	863,717	Aug. 20	2525	697	129	2935
Meat-tenderer	W. H. Baker	866,106	Sept. 17	2122	591	130	724
Meat-treating apparatus	J. Cunning	855,618	June 4	335	69	128	1780
Mechanical connection	L. T. Kline	846,318	Mar. 5	1188	261-2	127	300
Mechanical drier	W. M. Cummer	857,161	June 18	3349	707	128	2613
Mechanical engine	J. C. Williams	866,761	Sept. 24	3086	870	130	1065
Mechanical motion	H. A. Ballard	867,866	Oct. 8	978	280	130	1632
Mechanical motor	B. M. Ruse and H. D. Oxley	854,607	May 21	4478	933-4	128	1213
Mechanical movement	D. Nelson	840,581	Jan. 8	1613	354	126	456
Mechanical movement	F. H. Richards	841,342	Jan. 15	3129	675-6	126	884
Mechanical movement	F. H. Richards	841,443	Jan. 15	3315	717	126	932
Mechanical movement	F. H. Richards	841,444	Jan. 15	3319	717-18	126	933
Mechanical movement	J. E. Nelson	842,416	Jan. 29	5326	1129-30	126	1510
Mechanical movement	O. E. Hintz	842,785	Jan. 22	6137	1295	126	1708
Mechanical movement	A. Sack	845,110	Feb. 5	564	118	126	1938
Mechanical movement	J. D. A. Johnson	843,823	Feb. 12	1929	413-14	126	2311
Mechanical movement	W. H. Voss	843,917	Feb. 12	2133	456	126	2362
Mechanical movement	T. C. Prouty	844,469	Feb. 19	3223	695	126	2671
Mechanical movement	V. Smorowski	844,696	Feb. 19	3937	833	126	2840
Mechanical movement	J. A. Laird	846,749	Mar. 12	2070	454	127	556
Mechanical movement	R. B. Ware	847,858	Mar. 19	4318	947	127	1144
Mechanical movement	E. H. Richards	848,686	Apr. 2	128	28	127	1619
Mechanical movement	E. J. Hannah	850,930	Apr. 23	4468	934	127	2840
Mechanical movement	H. A. Houseman	850,934	Apr. 23	4473	936	127	2841
Mechanical movement	B. Hall	852,783	May 7	836	168	128	213
Mechanical movement	F. H. Richards	853,191	May 7	1628	340	128	411
Mechanical movement	H. H. A. Sievers	853,478	May 14	2228	464	128	604
Mechanical movement	F. Leeming and C. Hudson	853,514	May 14	2310	478-9	128	627
Mechanical movement	F. H. Richards	854,056	May 21	3438	709-10	128	948
Mechanical movement	J. Y. Porter	855,973	June 4	1032	214	128	1955
Mechanical movement	A. Lindsay and J. Meinert	857,408	June 18	3810	808	128	2730
Mechanical movement	F. H. Richards	857,832	June 25	4652	987-8	128	2973
Mechanical movement	F. J. Ziegler	858,049	June 25	5129	1085	128	3093
Mechanical movement	W. Sweet	858,482	July 2	207	48	129	77
Mechanical movement	W. B. Kirby	858,873	July 2	885	231	129	305
Mechanical movement	J. Garcia	859,447	July 9	1748	467	129	620
Mechanical movement	F. H. Richards	859,462	July 9	1764	472-3	129	625
Mechanical movement	F. H. Richards	859,581	July 9	1955	527	129	687
Mechanical movement	H. M. Russell, Jr.	860,155	July 16	2829	773	129	1002
Mechanical movement	J. D. A. Johnson	861,658	July 30	5182	1422-3	129	1829
Mechanical movement	A. Wahle	861,687	July 30	5221	1434-5	129	1840
Mechanical movement	E. Oehle	863,430	Aug. 13	2104	567	129	2773
Mechanical movement	J. H. Stanfield	865,958	Sept. 10	1879	527	130	616
Mechanical movement	J. A. Frenier	867,121	Sept. 24	3630	1031	130	1230
Mechanical movement	B. O. Ringo	867,418	Oct. 1	285	84	130	1402
Mechanical movement	W. B. Norton	867,748	Oct. 8	791	224	130	1574
Mechanical movement	H. B. Adler	868,316	Oct. 15	1733	489	130	1884
Mechanical movement	F. H. Richards	868,582	Oct. 15	2153	603	130	2017
Mechanical movement	W. A. Wright	869,038	Oct. 22	2879	795	130	2266
Mechanical movement	W. E. Schneider	870,135	Nov. 5	403	112	131	134
Mechanical movement	W. R. Comings	871,110	Nov. 19	1988	543	131	702
Mechanical movement	A. O. Wiegant	872,875	Dec. 3	1177	250	131	1351
Mechanical movement	L. Griffith	873,426	Dec. 10	2307	483	131	1567
Mechanical movement	N. B. Wales	874,045	Dec. 17	3541	754	131	1805
Mechanical movement	G. Brenner	874,931	Dec. 31	5384	1125	131	2154
Mechanical movement	M. John	875,180	Dec. 31	5885	1227	131	2234
Mechanic's furnace	C. Bargamin	862,958	Aug. 13	1390	378	129	2546
Medical apparatus. Electric	C. Van Bergh	848,518	Mar. 26	5603	1225-6	127	1498
Medical appliance	A. C. Heath	855,573	June 4	243	48	128	1757
Medical battery	C. W. Taylor	858,117	June 25	5262	1117	128	3127
Medical instrument	J. S. Collins	862,712	Aug. 6	1010	271	129	2394
Medical purposes. Electrical distribution and control in body appliances for	J. F. Richardson	840,868	Jan. 8	2160	477	126	592
Medicaments. Device for applying	S. A. Winsor	859,711	July 9	2150	580	129	749
Medicated bougie	L. Sensburg	862,763	Aug. 6	1094	.....	129	2418
Medicinal extract	L. Bauer	846,895	Mar. 12	2380	.....	127	635
Medicine-case	R. L. Taylor	862,771	Aug. 6	1104	297	129	2421
Medicine-case	J. Bristow, Jr.	874,933	Dec. 31	5387	1126	131	2154
Medicine-case. Physician's	R. Kersey	859,817	July 9	2299	625-6	129	798
Medicine-dose indicator	R. L. Warden	867,323	Oct. 1	141	42	130	1356
Medicine from carrots. Obtaining	E. F. Bolt	857,224	June 18	3467	.....	128	2645
Medicine-receptacle	F. J. Russell	855,984	June 4	1050	218	128	1959
Melting-furnace	T. D. Bausner	867,781	Oct. 8	839	240	130	1590
Melting. Method of	E. H. Schwartz	871,071	Nov. 12	1905	522	131	646
Melting or reducing furnace. Electric	G. C. Landis	842,099	Jan. 22	4613	990	126	1288
Melting-pot-feeding device	E. Trama	848,868	Apr. 2	552	109-10	127	1731
Melting through masses of material	A. E. Menne and W. Zollenkopf	866,498	Sept. 17	2675	.....	130	900
Memorandum-block	H. Birnbach	856,841	June 11	2731	566	128	2419
Memorandum-sheet. Dictation	N. C. Durand	865,025	Sept. 3	416	110	130	128
Merchandise-holder	D. F. Greenawalt	865,032	Sept. 3	425	112-13	130	130
Merchandise-holder	D. F. Greenawalt	872,411	Dec. 3	194	39	131	1199

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Mercurous oxycyanid and dianisyl-monophenetidyl-guanidinchlorhydrate. Solution of	J. G. Hirsch	846,849	Mar. 12	2282	-----	127	611
Mercury-interrupter	A. R. Luschka	866,289	Sept. 17	2384	663-4	130	808
Mercury-meter	F. Holden	853,789	May 14	2860	588-9	128	769
Merry-go-round	E. J. Mitcheson	840,790	Jan. 8	2011	444	126	556
Merry-go-round	G. B. McKinney	841,424	Jan. 15	3285	708	126	924
Merry-go-round	W. S. Thurlow	871,806	Nov. 19	2429	628-9	131	768
Merry-go-round and teeter. Combination	J. W. Arney	847,997	Mar. 26	4652	1014	127	1262
Merry-go-round. Aquatic	H. Healy	862,157	Aug. 6	55	17	129	2098
Merry-go-round. Miniature	J. T. Reese	863,876	Aug. 20	2774	763	129	3012
Merry-go-rounds. Gear for	W. F. Mangels	843,406	Feb. 5	1123	234	126	2073
Messages, signals, &c. Apparatus for receiving and strengthening the reproduction of	E. S. Hagemann	873,042	Dec. 10	1556	326	131	1441
Metal and concrete structure	H. Mannhardt	843,683	Feb. 12	1688	358	126	2250
Metal. Apparatus for electrically removing and severing	R. E. Frickey	864,840	Sept. 3	124	34	130	39
Metal articles. Apparatus for cutting	F. Jottrand	866,866	Sept. 24	3242	912	130	1110
Metal articles. Means for making hollow	E. Schumacher and J. H. Tyson	840,091	Jan. 1	600	130	126	159
Metal-bar-shaping apparatus	E. Einfeldt	841,949	Jan. 22	4324	932	126	1220
Metal bars. Machine for clearing	H. Müller	860,760	July 23	3766	1032	129	1338
Metal bars, strips, wire, &c. Apparatus for bending or coiling of	E. Nolle	847,102	Mar. 12	2768	612	127	729
Metal-bending machine	R. D. Patterson	839,951	Jan. 1	305	67	126	84
Metal-bending machine	W. Fehr	845,069	Feb. 26	4670	992	126	3065
Metal-bending machine	G. H. White	849,764	Apr. 9	2246	461-2	127	2196
Metal-bending machine	C. E. Weeks	854,067	May 21	3470	715	128	957
Metal-bending machine	H. M. Smith	857,764	June 25	4521	954	128	2041
Metal-bending machine	R. Naysmith	866,506	Sept. 17	2683	750	130	902
Metal blooms, &c. Apparatus for transferring	E. E. Slick. (Reissue)	12,620	Mar. 19	4616	1011-12	127	1213
Metal bodies. Apparatus for producing compound	J. F. Monnot	861,220	July 23	4474	1228	129	1570
Metal bodies. Making compound	J. F. Monnot	851,684	Apr. 30	5979	1249	127	3245
Metal bodies. Producing compound	J. F. Monnot	853,716	May 14	2722	562	128	734
Metal box or other metal article or surface	R. Brown	842,758	Jan. 29	6087	1283	126	1698
Metal-ceiling construction	M. E. Perry	870,382	Nov. 5	825	218	131	271
Metal chips. Treating	S. Axelrod	863,134	Aug. 13	1677	-----	129	2638
Metal cleaning and protecting material. Manufacture of	W. Braun	862,305	Aug. 6	332	-----	129	2186
Metal. Cleansing	J. Hawthorne	871,994	Nov. 26	3909	-----	131	1025
Metal-coated articles. Apparatus for cooling and finishing	E. S. Mowry	859,966	July 16	2536	689	129	903
Metal. Coating	H. H. Baumgarn	847,881	Mar. 19	4363	-----	127	1156
Metal-coating apparatus	J. F. Monnot	851,993	Apr. 30	6617	1378	127	3411
Metal-coating composition	M. Toch	841,603	Jan. 15	3611	-----	126	1009
Metal. Composite	T. A. Edison	850,881	Apr. 16	4365	-----	127	2776
Metal. Composition of	R. C. Totten	872,483	Dec. 3	355	-----	131	1223
Metal-converting apparatus	R. L. Lloyd	851,817	Apr. 30	6242	1302	127	3315
Metal core in a plastic body. Machine for enveloping a	W. Poppendieck	850,780	Apr. 16	4160	870-1	127	2721
Metal-covered box	W. P. Devine	859,373	July 9	1649	439	129	587
Metal-cutting machine	S. H. Lewis	849,147	Apr. 2	1089	219	127	1867
Metal-cutting machine	H. John	841,979	Jan. 22	4385	946	126	1235
Metal-cutting machine	H. John	861,122	July 23	4329	1188	129	1523
Metal. Cylinder for treating heated	J. W. Moshier	844,285	Feb. 12	2847	607	126	2539
Metal-depositing apparatus	W. A. Hendryx	866,858	Sept. 24	3224	907	130	1106
Metal-depositing apparatus	W. A. Hendryx	866,859	Sept. 24	3229	908	130	1107
Metal-drawing machine	G. W. Frohlich	874,953	Dec. 31	5441	1137-8	131	2161
Metal. Expanded	G. A. Turnbull	861,781	July 30	5377	1484	129	1885
Metal. Expanded	W. D. Forsyth	862,897	Aug. 13	1301	354	129	2517
Metal. Expanded	N. E. Clark	875,154	Dec. 31	5829	1217	131	2226
Metal. Expanded	N. E. Clark	875,155	Dec. 31	5830	1217	131	2226
Metal-expanding machine	H. E. White	843,728	Feb. 12	1769	376-8	126	2271
Metal fasteners. Making corrugated-	E. S. Norton	859,686	July 9	2117	571	129	738
Metal from deposits. Separating.	I. Kitsee	865,711	Sept. 10	1485	419	130	483
Metal-fusing apparatus	A. E. Menne	857,247	June 18	3505	741	128	2654
Metal hoop	J. E. Wright	873,114	Dec. 10	1697	354	131	1465
Metal interior construction	W. F. Kiesel, Jr.	866,481	Sept. 17	2654	742	130	893
Metal joint	J. J. Souder	871,830	Nov. 26	3520	861	131	969
Metal. Machine for making expanded	L. C. Steele	858,636	July 2	491	126-7	129	171
Metal manufacture. Expanded.	N. E. Clark	845,617	Feb. 26	5731	1213	126	3331
Metal. Manufacture of cast	R. C. Totten	854,126	May 21	3588	-----	128	985
Metal-melting.	S. Knight	864,425	Aug. 27	3597	999	129	3296
Metal-melting furnace	J. V. Martin	865,789	Sept. 10	1605	454	130	521
Metal packs. Finishing	C. W. Bray	844,323	Feb. 19	2943	627	126	2601
Metal perforating and cutting apparatus	E. Gauthier and C. Rodrigues-Ely	874,666	Dec. 24	4835	1015	131	2043
Metal pipe. Flanged	L. H. Brinkman	849,883	Apr. 9	2480	510	127	2255
Metal pipe. Jointed	J. Dunkel	871,577	Nov. 19	3015	751	131	859
Metal-plate bending or forming machine	J. R. Williams	841,838	Jan. 22	4118	887-8	126	1174
Metal plate. Ornamental	A. Du Montier	841,490	Jan. 15	3421	737	126	962
Metal-pouring apparatus	P. Thill and J. H. Klepinger	863,469	Aug. 13	2154	582	129	2787
Metal reinforce constructions. Fitting for	G. M. Graham	865,489	Sept. 10	1138	322	130	374
Metal. Reticulated	N. E. Clark	854,927	May 28	5152	1073	128	1415
Metal rings. Apparatus for upsetting	J. Clark	872,168	Nov. 26	4259	1016-17	131	1082
Metal. Rocker-press for shaping	C. A. and C. F. Murdock	858,096	June 25	5225	1107-8	128	3119
Metal-sawing apparatus	A. Tindel	846,525	Mar. 12	1626	361-2	127	442
Metal-sawing machine	C. A. Juengst	849,793	Apr. 9	2299	472-3	127	2208
Metal-sawing machine	C. A. Juengst	864,424	Aug. 27	3594	999	129	3295
Metal-sawing machine	C. A. Juengst	870,180	Nov. 5	470	129	131	154
Metal-shaping machine	M. R. Rude	849,501	Apr. 9	1775	359-60	127	2076
Metal-shearing machine	H. John	863,719	Aug. 20	2529	698-9	129	2936
Metal-shears	W. A. Thompson and G. E. Boyer	860,503	July 16	3352	920	129	1172
Metal-sheet wrapper	H. E. Marks	857,744	June 25	4484	946	128	2932
Metal sheets. Apparatus for planishing	A. Ridd	845,718	Feb. 26	5953	1257	126	3386
Metal sheets. Coating	L. C. Steele	850,548	Apr. 16	3711	776	127	2611

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Metal sheets or plates. Machine for cutting or shearing	J. Abbott	850,611	Apr. 16	3830	800	127	2639
Metal sheets. Tinning or coating	L. C. Steele	854,006	May 21	3330	684	128	923
Metal-skimming device. Molten	G. W. Moore	848,840	Apr. 2	496	95	127	1710
Metal-splicing device. Expanded	A. W. Rush	857,307	June 18	3626	767	128	2685
Metal structural work	R. T. Lewis	842,894	Feb. 5	100	24	126	1818
Metal structure	J. A. Wollé	862,956	Aug. 13	1387	378	129	2545
Metal structure	E. B. Repp	872,018	Nov. 26	3958	952	131	1083
Metal structure. Expanded	A. P. White	843,726	Feb. 12	1764	375-6	126	2270
Metal-swaging apparatus	O. Briede	840,426	Jan. 1	1287	283	126	337
Metal tie and rail-fastener	J. I. Shaw	863,458	Aug. 13	2143	578	129	2784
Metal-transfer apparatus	K. C. Gardner	864,762	Aug. 27	4162	1155-6	129	3471
Metal-transfer device	R. H. Stevens	850,190	Apr. 16	3036	635	127	2438
Metal ware. Machine for scouring and scratch-brushing flat	D. F. Broderick	869,478	Oct. 29	3577	980-1	130	2509
Metal-workers. Electric heater for	J. O. Luthy	852,732	May 7	718	140	128	189
Metal-working apparatus	J. R. Blakeslee, Jr.	848,284	Mar. 26	5160	1124	127	1391
Metal-working dies	H. K. Jones	861,289	July 30	4604	1258	129	1648
Metal-working machine	F. M. Stambaugh	846,871	Mar. 12	2319	509-12	127	621
Metal-working machine	A. Currier	848,813	Apr. 2	420	84-5	127	1694
Metal-working machine	N. E. Clark	875,153	Dec. 31	5826	1216-17	131	2225
Metal-working machines. Speed-box for	E. J. Hannum	857,399	June 18	3795	804-5	128	2726
Metal-working. Scraper for	C. Lehnert	841,332	Jan. 15	3108	671	126	879
Metal-working tools. Cutter for	G. B. Thomas	845,489	Feb. 26	5519	1169	126	3278
Metal-working tools. Manufacturing	H. H. Dierig	848,161	Mar. 26	4909	1072	127	1327
Metals and compositions used therein. Manufacturing	H. Goldschmidt and O. Weil	860,799	July 23	3825		129	1359
Metals and other materials. Testing the hardness and density of	W. I. Ballentine	855,923	June 4	940	195	128	1931
Metals. Apparatus for electrodepositing	W. Müller and C. R. Murray	874,374	Dec. 17	4244	894	131	1914
Metals. Apparatus for electrolytic deposition of	H. C. Harrison and J. Day	858,341	June 25	5670	1211-12	128	3236
Metals. Apparatus for the heat treatment of	T. V. Hughes	868,185	Oct. 15	1501	425	130	1814
Metals by electrolysis. Producing light	F. von Kügelgen and G. O. Seward	850,376	Apr. 16	3386	708	127	2526
Metals. Converting	R. L. Lloyd	851,816	Apr. 30	6238	1301	127	3315
Metals. Depositing and recovering	W. A. Hendryx	860,661	July 23	3618	991	129	1293
Metals. Electrolytic refining of	A. Schwarz	842,254	Jan. 29	4964	1060	126	1410
Metals. Electrolytically refining	A. G. Betts	857,378	June 18	3758	796	123	2717
Metals from ores and other substances. Apparatus for recovering	L. Dion	840,480	Jan. 8	1403	310-11	126	405
Metals from ores or salts. Apparatus for electrolytic reduction of	C. E. Robertson	861,319	July 30	4651	1271	129	1662
Metals from sulfids. Obtaining	T. J. Heskett	844,452	Feb. 19	3189	688	126	2662
Metals from their ores. Apparatus for extracting	C. R. Arnold	849,097	Apr. 2	963	196	127	1833
Metals from their ores. Extracting	W. L. George	854,998	May 28	5287		128	1449
Metals from their ores. Extraction of	R. Lamb	852,438	May 7	54	11	128	17
Metals from their ores. Separation of	R. E. Saunders	844,620	Feb. 19	3781	797-8	126	2800
Metals. Making a solution of rare-earth	C. Baskerville	873,205	Dec. 10	1870		131	1493
Metals. Mixing	J. D. Prince and H. S. Rodgers	841,178	Jan. 15	2797		126	800
Metals or alloys. Electric-furnace process of making low-carbon	F. M. Becket	858,780	July 2	720	190	129	249
Metals, porcelain, glass, &c. Compound for cleaning and polishing	C. J. Barrenpohl	847,150	Mar. 12	2849		127	750
Metals. Producing homogeneous bodies from tantalum or other highly-refractory	M. von Pirani	873,958	Dec. 17	3357	715	131	1777
Metals. Production of alkali	G. O. Seward and F. von Kügelgen	841,724	Jan. 22	3867		126	1106
Metals. Production of homogeneous bodies from tantalum or other	M. von Pirani	848,600	Mar. 26	5773	1260	127	1542
Metals. Purifying	P. L. T. Héroult	851,167	Apr. 23	4913		127	2951
Metallic case and like device	A. P. White and P. M. Wege	868,310	Oct. 15	1721	484-6	130	1881
Metallic case or casket	A. McKenzie	872,740	Dec. 3	889	184	131	1307
Metallic chair	J. H. Petroskey	873,265	Dec. 10	1977	414	131	1512
Metallic composition	C. J. Reed	874,866	Dec. 24	5214		131	2107
Metallic compounds. Purification of	C. Van Brunt	873,809	Dec. 17	3064		131	1729
Metallic coupling. Flexible	W. W. Kilpatrick	866,482	Sept. 17	2655	742-3	130	893
Metallic ground-post. Driven	J. H. Downs	841,645	Jan. 15	3702	805	126	1031
Metallic hook	J. J. Leonard	841,550	Jan. 15	3516	760	126	985
Metallic leaf. Package-roll of	W. H. Coe	848,883	Apr. 2	579	116	127	1737
Metallic leaf to a stamping-press. Means for feeding	W. H. Coe	851,162	Apr. 23	4899	1030	127	2948
Metallic oxids. Reducing	F. M. Becket	854,018	May 21	3349		128	928
Metallic pipe. Flexible	F. H. Rutherford	852,580	May 7	425	78	128	112
Metallic powders. Preparing	W. F. McNulty	869,591	Oct. 29	3763		130	2567
Metallic screen. Extensible	A. A. Day	846,094	Mar. 5	771	160-1	127	196
Metallic silicid. Producing	T. L. Willson	847,300	Mar. 12	3145		127	824
Metallic silicids. Producing	T. L. Willson	847,267	Mar. 12	3088		127	809
Metallic structure	E. Molloy	851,991	Apr. 30	6609	1377	127	3409
Metallic tie	J. C. Schafer	841,899	Jan. 22	4244	914	126	1202
Metallic tie	J. W. Hulbert	841,973	Jan. 22	4370	942	126	1232
Metallic tie	J. D. Bowne	850,876	Apr. 16	4355	912	127	2774
Metallic tie	C. M. Beehler	864,148	Aug. 27	3195	883-4	129	3169
Metallic tie	W. D. Turner	873,469	Dec. 10	2381	501	131	1581
Metallic tie and rail-fastener	H. W. Mulvey	843,351	Feb. 5	1043	215	126	2053
Metallic tie and rail-fastener	S. Szutcho	844,832	Feb. 19	4216	899	126	2912
Metallic tie and rail-fastener	J. B. Novack	850,598	Apr. 16	3811	796	127	2635
Metallic tie and rail-fastener	R. M. Toy	853,043	May 7	1380	287	128	351
Metallic tie and rail-fastener	L. Simpson and J. Stein	853,741	May 14	2777	571	128	747
Metallic tie and rail-fastener	W. F. Durler	853,869	May 14	3033	623	128	808
Metallic tie and rail-fastener	J. Hogbin and F. Ketley	854,501	May 21	4281	886	128	1165
Metallic tie and rail-fastener	F. F. Kamp, Jr., and R. K. Gundy	854,504	May 21	4286	887	128	1166
Metallic tie and rail-fastener	S. J. Mansfield	859,675	July 9	2102	568	129	734
Metallic tie and rail-fastener	R. M. McKinney	861,877	July 30	5521	1523	129	1929
Metallic tie and rail-fastener	R. M. McKinney	861,878	July 30	5523	1524	129	1930
Metallic tie and rail-fastener	W. A. Maitland	862,086	July 30	5842	1621	129	2031
Metallic tie and rail-fastener	J. L. Hickle	862,912	Aug. 13	1323	361	129	2525
Metallic tie and rail-fastener	E. L. Geer	874,322	Dec. 17	4150	873	131	1896
Metallic tie and rail-fastening	J. T. Hallam	854,492	May 21	4266	882	128	1161
Metallic tie, rail-fastener, and rail-joint. Combined	E. E. Bahr	847,148	Mar. 12	2845	628	127	749

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Metallic wheel.....	W. F. Bailey.....	869,956	Nov. 5	115	32	131	38
Metallurgical furnace.....	J. C. Cromwell.....	869,960	Nov. 5	119	33-4	131	39
Metallurgical process.....	E. R. Taylor.....	843,777	Feb. 12	1856	395	126	2293
Metallurgical process.....	F. T. Snyder.....	859,135	July 2	1267	338	129	428
Metallurgical reduction and melting processes. Carrying out.....	A. J. Petersson.....	858,622	July 2	453	118	129	158
Metatarsophalangeal protector.....	J. Bronnenkant.....	847,311	Mar. 19	3173	698	127	859
Meter:							
See Computing-meter. Mercury-meter.							
Coin-slot meter. Motor-meter.							
Current-meter. Prepayment-meter.							
Disk meter. Proportional meter.							
Electric meter. Steam-meter.							
Frequency-meter. Telephone-meter.							
Gas-meter. Telephone-call meter.							
Grade-meter. Test-meter.							
Grain-meter. Water-meter.							
Liquid-meter. Wave-meter.							
Meter.....	W. Stanley.....	850,687	Apr. 16	3996	836	127	2682
Meter.....	A. H. McAlpine.....	855,473	June 4	59	13	128	1709
Meter.....	W. J. Mowbray.....	858,011	June 25	5046	1067	128	3073
Meter.....	W. H. Pratt.....	859,333	July 9	1587	421	129	567
Meter.....	D. E. Scafford.....	860,253	July 16	2977	813	129	1049
Meter.....	D. Broido and W. H. Lubach.....	860,961	July 23	4089	1120	129	1446
Meter.....	D. E. Scafford.....	871,738	Nov. 19	3293	814	131	908
Meter.....	E. Schattner.....	873,098	Dec. 10	1667	348	131	1460
Meter-box.....	E. H. Ford.....	845,226	Feb. 26	4982	1059-60	126	3147
Meter connection.....	A. L. Holmes.....	855,314	May 28	5910	1233	128	1607
Meter connection.....	G. W. McKee.....	866,952	Sept. 24	3370	953	130	1151
Meter-slip holder.....	G. E. Hawkins.....	860,089	July 16	2739	747	129	970
Meters. Device for recording the reading of.....	G. E. Hawkins.....	853,367	May 14	2557	530	128	689
Meters. Prepayment attachment for electricity.....	F. J. Dowling.....	873,356	Dec. 10	2177	455	131	1544
Meters. Record-slip for.....	G. E. Hawkins.....	839,927	Jan. 1	253	54	126	70
Meters. Switch for electric.....	J. J. Wood.....	875,030	Dec. 31	5592	1167	131	2186
Mica. Manufacture of pulverized.....	P. Dobler.....	845,450	Feb. 26	5429	1152	126	3255
Mica sheets. Making artificial.....	E. Cooper.....	847,910	Mar. 19	4428	972	127	1170
Micrometer.....	J. Rau.....	841,271	Jan. 15	2975	647	126	844
Micrometer-gage.....	E. A. Marsh.....	839,943	Jan. 1	289	63	126	80
Micrometer-gage.....	J. L. Peddycoart.....	846,607	Mar. 12	1817	399	127	492
Micrometer-gage.....	G. Kohlhaas.....	857,810	June 25	4617	978	128	2965
Micrometer-gage.....	C. R. Shaffer.....	862,765	Aug. 6	1096	295	129	2418
Micrometer-gage.....	L. C. Woerner.....	864,280	Aug. 27	3391	942	129	3231
Micrometer-gage.....	L. C. Woerner.....	870,403	Nov. 5	849	226	131	280
Micrometer-gage. Limit.....	L. C. Woerner.....	869,762	Oct. 29	4028	1112	130	2645
Micrometer-gages, &c. Spindle-lock for.....	L. S. Starrett and J. A. Adell.....	873,626	Dec. 10	2699	570	131	1635
Micrometer-screw gage.....	O. Eilhauer and P. Rückert.....	869,697	Oct. 29	3934	1084	130	2617
Microphone.....	N. H. Holland.....	855,458	June 4	34	8	128	1703
Microscope.....	E. Bausch.....	873,007	Dec. 10	1471	305-6	131	1429
Microscopes. Illuminating apparatus for.....	H. N. Ott.....	863,805	Aug. 20	2671	737	129	2981
Microtome.....	H. Lebrun.....	873,059	Dec. 10	1590	333	131	1447
Microtome.....	R. H. Pietzsch.....	873,595	Dec. 10	2636	555-6	131	1624
Middlings-purifier.....	G. T. Smith.....	848,404	Mar. 26	5396	1176-7	127	1447
Middlings-purifier.....	R. Och.....	850,959	Apr. 23	4514	945	127	2851
Mill-register.....	J. Alexander.....	864,351	Aug. 27	3493	971	129	3263
Military equipment.....	A. J. Davey.....	874,945	Dec. 31	5420	1133	131	2158
Milk and cream pasteurizer and cooler. Combined.....	J. L. Ahlers.....	851,971	Apr. 30	6567	1368	127	3398
Milk, &c. Apparatus for concentrating.....	C. H. Campbell.....	867,641	Oct. 8	636	179-80	130	1528
Milk-can.....	C. P. Harrison.....	847,473	Mar. 19	3512	769	127	945
Milk-can.....	J. W. Bailey.....	868,479	Oct. 15	1986	553	130	1961
Milk containing cream. Obtaining concentrated.....	C. H. Campbell. (Reissue).....	12,649	May 14	3203	657	128	852
Milk cooler and aerator.....	C. H. White and A. S. MacKay.....	855,371	May 28	6011	1254	128	1633
Milk-cooling apparatus.....	J. C. Jewett and J. L. Bowen.....	872,286	Nov. 26	4495	1067	131	1119
Milk-desiccating apparatus.....	J. A. Just.....	841,153	Jan. 15	2760	603	126	791
Milk-handling can.....	W. Seidel.....	875,000	Dec. 31	5535	1155	131	2176
Milk or cream storage and cooling vat.....	Z. S. Lawrence.....	857,473	June 18	3935	837	128	2760
Milk-powder. Manufacture of.....	A. Glas.....	843,938	Feb. 12	2170	.....	126	2371
Milk-powder. Manufacture of.....	M. Riegel.....	860,327	July 16	3090	.....	129	1086
Milk-receptacles. Interlocking locking attachment for.....	P. Gallagher.....	861,645	July 30	5165	1417	129	1824
Milk-regenerator.....	A. O. Mitchell.....	864,428	Aug. 27	3601	1000	129	3297
Milk-sampler.....	W. F. Bücher.....	854,563	May 21	4401	913	128	1194
Milk-separator.....	C. Bergner.....	867,097	Sept. 24	3601	1021-2	130	1221
Milk-separator. Centrifugal.....	C. Bergner.....	853,054	May 7	1395	291	128	355
Milk-skimming device.....	H. M. Ackley.....	840,986	Jan. 8	2391	523	126	651
Milk-vat.....	G. H. Simon.....	854,537	May 21	4345	899	128	1179
Milk-vat.....	G. H. Simon.....	866,394	Sept. 17	2538	707	130	855
Milker. Cow.....	J. Ripczinsko.....	859,254	July 9	1452	387	129	523
Milking apparatus.....	M. E. Jacques.....	870,785	Nov. 12	1456	394-5	131	506
Milking apparatus. Cow.....	J. Hartnett and D. M. Robison.....	854,643	May 21	4541	948	128	1228
Milking apparatus. Cow.....	W. J. Teese.....	870,395	Nov. 5	840	223	131	276
Milking apparatus. Pneumatic.....	A. Gillies. (Reissue).....	12,734	Dec. 24	5362	1121	131	2125
Milking device.....	L. G. Harper.....	843,532	Feb. 5	1393	294	126	2141
Milking device. Cow.....	M. H. Daniels.....	843,446	Feb. 5	1196	251	126	2090
Milking-machine.....	H. P. D. Ohlhaber.....	840,510	Jan. 8	1466	323-4	126	420
Milking-machine.....	L. B. Stevens.....	840,969	Jan. 8	2364	518	126	644
Milking-machine.....	L. Burrell.....	854,268	May 21	3854	796	128	1056
Milking-machine.....	L. Burrell.....	866,579	Sept. 17	2786	780	130	934
Milking-machine.....	C. C. Parsons.....	874,111	Dec. 17	3722	783	131	1826
Milking-machine.....	A. H. Logvist.....	874,972	Dec. 31	5478	1144-5	131	2167
Milking-machine and apparatus.....	S. Breite.....	865,476	Sept. 10	1116	318	130	368
Milking-machine and connections.....	F. Raven.....	864,988	Sept. 3	357	95	130	112
Milking-machine. Cow.....	F. M. Worcester.....	849,521	Apr. 9	1813	368	127	2086
Milking-machine-operating device.....	B. and F. Ljungström.....	851,136	Apr. 23	4826	1017	127	2928
Milking-machine-operating device.....	B. and F. Ljungström.....	851,951	Apr. 30	6531	1361	127	3388
Milking-machines. Apparatus for operating.....	B. and F. Ljungström.....	843,757	Feb. 12	1822	388	126	2284

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Mill:							
See Ball-mill.	Ore-mill.						
Bark-mill.	Ore crushing and grinding mill.						
Boring-mill.	Pebble-mill.						
Boring and turning mill.	Pulverizing-mill.						
Cheese-mill.	Pulverizing or grinding mill.						
Cider-mill.	Quartz-mill.						
Cinder-mill.	Reduction and pulverizing mill.						
Clay-mill.	Ring-and-roller mill.						
Coffee-mill.	Rod or hoop mill.						
Crushing-mill.	Roller-mill.						
Crushing and grinding mill.	Rolling-mill.						
Cutting and mixing mill.	Sawmill.						
Edge-mill.	Stamp-mill.						
Fanning-mill.	Stamp and grinding mill.						
Fulling-mill.	Swaging-mill.						
Grain-cleaning mill.	Tube or pebble mill.						
Grinding-mill.	Windmill.						
Grinding or pulverizing mill.							
Lath-mill.							
Mill	J. Dain, Jr.	844,303	Feb. 12	2885	613-14	126	2549
Mill	I. A. Chavanne and B. Ollagnier	863,589	Aug. 20	2350	642	129	2877
Mill	A. Weber	874,713	Dec. 24	4935	1036-7	131	2058
Mill feeder. Grain-	J. H. Felderman	867,490	Oct. 1	394	112	130	1435
Mill roll controlling and positioning device	B. O. Hale	844,349	Feb. 19	2991	640	126	2614
Mills. Feed mechanism for tandem	G. D. Evans	864,727	Aug. 27	4116	1143	129	3458
Mills. Feeding device for ball-	M. F. Abbé	845,992	Mar. 5	558	117	127	143
Mills. Resilient connection for pendulum-	H. Behr	874,926	Dec. 31	5379	1125	131	2153
Milling-machine	W. Schenk	848,052	Mar. 26	4738	1032	127	1284
Milling-machine	W. Porteous	852,346	Apr. 30	7290	1532-3	127	3579
Milling-machine	J. E. Key	860,218	July 16	2928	800-1	129	1030
Milling-machine attachment	E. Grotz and J. W. Kennedy	858,808	July 2	786	205	129	274
Milling-machine cutter-head	F. D. Smith	856,306	June 11	1688	350	128	2155
Milling-machine holder	H. H. Vaughan. (Reissue)	12,593	Jan. 8	2654	580-1	126	720
Milling-machine. Pantographic	F. H. Richards	842,247	Jan. 29	4951	1056-7	126	1406
Milling-machines and the like. Releasing-screw arbor for	W. H. Holt	842,787	Jan. 29	6143	1296	126	1710
Millboard-making machine	W. Sillman	840,386	Jan. 1	1222	267	126	321
Millboard-making machine	W. Sillman	840,387	Jan. 1	1224	267-8	126	322
Millstone-dressing machine	R. C. Helms	868,090	Oct. 15	1378	386	130	1776
Milliner's table	K. B. and H. W. Atherton	842,748	Jan. 29	6071	1279	126	1693
Mimeograph. Flat	M. Klaczko	869,095	Oct. 22	2965	819	130	2294
Mine cage and skip safety brake mechanism	J. Owens	870,989	Nov. 12	1795	489	131	611
Mine-cages, lifts, hoisting-skips, &c. Safety-clutch for	W. M. Hodgson	847,773	Mar. 19	4131	902-3	127	1099
Mine-door	W. W. Zuber	848,716	Apr. 2	192	40	127	1637
Mine-door	O. N. Earthorn and T. Gallaher	870,420	Nov. 5	876	235	131	288
Mine-door-controlling apparatus	A. S. Robinson	859,522	July 9	1854	499	129	654
Mine-haul	F. W. Harris	855,303	Sept. 3	828	239	130	251
Mine-hoists. Signal and alarm attachment for	B. T. Reilly	840,659	Jan. 8	1748	385	126	491
Mine-roof support	F. C. Keighley	875,182	Dec. 31	5889	1227	131	2235
Mine-shaft	J. Mika	841,416	Jan. 15	3273	706	126	921
Mine-shaft safety device	J. Wilson	851,785	July 30	5385	1485	129	1888
Mine tippie and screen plant. Coal-	W. R. Wilson	842,439	Jan. 29	5392	1141	126	1529
Mine-tunnels. Artificial timbering for	D. W. Shepard	851,629	Apr. 23	5839	1220	127	3180
Mines, &c. Apparatus for detecting the presence and volume of fire-damp and other light gas in	J. McCutcheon	852,895	May 7	1079	222	128	276
Mines. Controlling mechanism for submarine	J. A. Rey	850,967	Apr. 23	4527	947-8	127	2853
Mines. Safety mechanism for hoisting or hauling apparatus for	R. Jensen	857,286	June 18	3585	759	128	2674
Mines, &c. System for ventilating	G. M. Capell	867,791	Oct. 8	852	243	130	1595
Miner's blast-charger	W. G. Peay and G. W. Ham	852,900	May 7	1086	224	128	278
Miner's cage	W. Massing	856,276	June 11	1620	337	128	2137
Miners' checks. Device for collecting	F. C. Greene	853,971	May 21	3267	671	128	907
Miner's drill	E. Clark	863,508	Aug. 13	2222	600	129	2808
Miner's drill	G. F. Weiss	871,013	Nov. 12	1823	497-8	131	620
Miner's gold-pan	T. Hussey	840,333	Jan. 1	1091	238	126	292
Miner's lantern holder	T. R. Jones	860,097	July 16	2747	750	129	972
Miner's lock	C. E. Miller and Q. L. Pore	865,792	Sept. 10	1608	455	130	522
Miner's pan	P. A. Hardwick	865,178	Sept. 3	628	178	130	191
Miner's prospecting-tool	D. Bölderl	874,730	Dec. 24	4975	1045	131	2064
Mining-auger	C. C. Lockhart	855,108	May 28	5542	1151	128	1512
Mining. Breast-board for underground	J. Stockfleth	859,627	July 9	2022	546	129	708
Mining-column	J. W. Kittredge	860,750	July 23	3753	1028-9	129	1334
Mining-drill	J. N. Rickles	845,898	Mar. 5	359	72	127	93
Mining-drill	W. Hauxwell	854,350	May 21	3999	826	128	1095
Mining drill-post. Coal-	P. Rommes	858,217	June 25	5445	1162	128	3174
Mining-machine	W. B. Chapman	841,625	Jan. 15	3665	795	126	1022
Mining-machine	E. G. Tillman	850,192	Apr. 16	3040	636-7	127	2433
Mining-machine	E. R. Merrill	870,116	Nov. 5	372	104-5	131	124
Mining-machine	H. Specht	875,296	Dec. 31	6103	1274	131	2271
Mining-machine chain	H. E. Rawlins	868,291	Oct. 15	1684	475	130	1871
Mining machine. Coal-	W. Yeatts	869,609	Oct. 29	3799	1038-9	130	2578
Mining machine. Coal-	T. J. Newcome	874,028	Dec. 17	3495	743	131	1799
Mining machine. Portable p.ace-	J. E. Pennick and J. O. Hale	855,200	May 28	5710	1188-9	128	1555
Mining machinery. Coal-	A. H. Gibson	860,207	July 16	2909	794-5	129	1025
Mining salt	H. Frasch	874,906	Dec. 24	5290	1115	131	2120
Mining salt	H. Frasch	874,907	Dec. 24	5297	1115	131	2120
Mining sulfur	H. Frasch	870,620	Nov. 12	1170	318-19	131	414
Mineral-concentrator	A. B. Paul	842,333	Jan. 29	5135	1091	126	1456
Mineral-separating apparatus	J. F. Latimer	851,599	Apr. 23	5788	1210	127	3169
Mineral-separator	C. U. Shepard	853,603	May 14	2477	515	128	669
Mineral-separator	R. J. McKeone	865,053	Sept. 3	466	129	130	141

Alphabetical list of inventions—Continued.

Invention	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr.-g.	Vol.	Page.
Mineralstrata. Extracting and recovering the volatilizable contents of sedimentary	D. R. Baker.	849,524	Apr. 9	1820	369	127	2088
Minerals. Agglomerating	W. G. Perkins and T. Cox, Jr.	852,611	May 7	477		128	126
Minerals from ore. Apparatus for extracting	O. A. Ellis.	865,027	Sept. 3	418	111	130	128
Minerals. Roasting of pyritous	G. Rambaldini.	840,253	Jan. 1	930	203	126	252
Minerals. Separating	J. F. Latimer.	851,600	Apr. 23	5791	1210	127	3169
Minerals. Separating	A. F. Kirschner.	855,895	June 4	877	182	128	1915
Minnow-trap	A. J. Algate.	850,123	Apr. 16	2913	608	127	2401
Mirror. Adjustable	E. L. Bell.	848,624	Apr. 2	9	3	127	1587
Mirror and lamp. Combined mouth	L. H. Crawford.	849,209	Apr. 2	1198	243	127	1895
Mirror-bracket. Pneumatic	G. W. Dayton and S. P. Hotelling.	858,964	July 2	1031	271	129	353
Mirror. Combined hand and stand	J. A. Wright and W. F. O'Neill.	852,864	May 7	1019	211	128	260
Mirror. Hand.	J. Komoroch, Jr.	858,079	June 25	5187	1099	128	3108
Mirror. Hand.	C. K. Decherd.	863,364	Aug. 13	2023	545	129	2748
Mirror-holder. Portable	F. P. Fisher.	852,660	May 7	581	110	128	152
Mirror. Illuminating	A. D. Southam and H. C. Hides.	856,497	June 11	2057	429	128	2257
Mirror. Portable folding	J. C. May.	862,833	Aug. 6	1209	326	129	2453
Mirror-support	H. W. Harrison.	842,313	Jan. 29	5084	1083-4	126	1441
Mirror-support	F. N. Coffman.	858,152	June 25	5328	1133	128	3144
Mirror. Window-	S. S. Fretz, Jr., and H. Van Buren, Sr.	847,757	Mar. 19	4102	895-6	127	1092
Mirrors and other like articles. Making toilet-	H. M. Schwartz.	846,148	Mar. 5	883	186	127	225
Mirrors, &c. Frame for	J. M. Conroy.	861,709	July 30	5263	1447	129	1851
Miter-box	E. E. Lutzhoff.	840,640	Jan. 8	1719	378	126	484
Miter-box	J. Peach.	845,571	Feb. 26	5652	1198	126	3312
Miter-box	P. Dosch.	847,557	Mar. 19	3673	811	127	989
Miter-box	J. L. Pringle.	850,873	Apr. 16	4351	911	127	2773
Miter-box	R. L. McCartney.	851,023	Apr. 23	4623	970	127	2879
Miter-box	M. J. Goodale.	857,520	June 18	4028	858	128	2785
Miter-box	W. J. Connally.	860,446	July 16	3275	894-5	129	1147
Miter-box.	W. M. Potter.	867,927	Oct. 8	1081	306	130	1663
Miter-box and clamp. Combined	L. R. Bender.	868,634	Oct. 22	2258	625	130	2074
Miter-clamp	H. Hill and J. Blain.	857,345	June 18	3692	780-1	128	2702
Miter-joint fastener.	A. E. Johnson.	842,555	Jan. 29	5627	1189	126	1584
Mitering-machine	J. V. Ashcraft.	862,786	Aug. 6	1121	304	129	2426
Mitering-machine	W. Battensby.	839,807	Jan. 1	16	3-4	126	6
Mitering-machine.	W. Battensby.	856,210	June 11	1468	310	128	2099
Mitering machine. Segment-	H. J. Buckel.	856,842	June 11	2732	567	128	2419
Mitering machines. Angle-gage for	W. R. Fox and M. Lund.	865,692	Sept. 10	1459	412	130	475
Mitt. Base-ball.	S. F. Waring.	866,895	Sept. 24	3280	923	130	1123
Mitten or glove.	W. F. Hall.	861,974	July 30	5665	1572	129	1973
Mixer:							
See Air and gas mixer.	Fiber-mixer.						
Boiler-compound mixer.	Fluid-mixer.						
Bread-mixer.	Food-mixer.						
Cement-mixer.	Liquid or semiliquid mixer.						
Concrete-mixer.	Mortar-mixer.						
Dough-mixer.	Sample-mixer.						
Drink-mixer.							
Mixer.	W. Dicks.	843,136	Feb. 5	605	129	126	1949
Mixing and kneading machine	C. Laurick.	843,468	Feb. 5	1240	259-60	126	2103
Mixing and measuring machine	K. J. Sundstrom.	861,778	July 30	5372	1482-3	129	1883
Mixing apparatus.	F. W. Kapheim.	856,469	June 11	2042	419	128	2246
Mixing apparatus.	L. K. Davis.	864,450	Aug. 27	3646	1014	129	3313
Mixing apparatus.	C. T. Drake.	865,365	Sept. 10	942	270-1	130	314
Mixing apparatus.	T. J. Brockway.	865,563	Sept. 10	1268	359-60	130	415
Mixing apparatus.	F. E. Rooney.	872,084	Nov. 26	4103	982	131	1055
Mixing apparatus.	C. Mastain and A. Delfosse.	875,444	Dec. 31	6400	1335	131	2418
Mixing device	C. T. Melvin.	846,751	Mar. 12	2073	455	127	557
Mixing device	J. C. W. Greth.	855,631	June 4	359	74	128	1786
Mixing fluids and molten metals of different densities.	H. Leiser.	873,131	Dec. 10	1727	361	131	1471
Device for							
Mixing-machine	R. Z. Snell.	842,262	Jan. 29	4980	1064	126	1414
Mixing-machine	L. C. Roberts.	845,435	Feb. 26	5392	1145	126	3246
Mixing-machine	J. H. Shephard.	845,438	Feb. 26	5401	1147	126	3248
Mixing-machine	H. G. Morris.	847,492	Mar. 19	3550	777-8	127	954
Mixing-machine	B. S. Blake and E. A. Longshore.	852,406	Apr. 30	7431	1559	127	3614
Mixing-machine	J. D. Campbell.	854,029	May 21	3379	696-7	128	934
Mixing-machine	A. J. Cropp.	859,919	July 16	2470	671-2	129	883
Mixing-machine	R. Hohnbach.	860,091	July 16	2741	748	129	970
Mixing-machine	T. Blixt.	864,603	Aug. 27	3929	1088	129	3400
Mixing-machine.	R. N. Cunningham and J. W. McPherson.	872,610	Dec. 3	609	128-9	131	1262
Mixing-machine	G. Hiller.	872,729	Dec. 3	871	180	131	1304
Mixing-machine	W. G. Stockham and F. L. Doyle.	873,391	Dec. 10	2245	467-8	131	1555
Mixing-machine	M. H. Avram.	875,234	Dec. 31	5983	1246-7	131	2252
Moccasin	A. Orzechowski.	850,961	Apr. 23	4519	945	127	2851
Model-board.	M. Summers.	833,670	Aug. 20	2466	680	129	2915
Models, cards, &c. Adjustable support for	H. Buschmann.	841,372	Jan. 15	3189	687	126	900
Moistener	M. A. Metzner.	875,546	Dec. 31	6591	1377	131	2350
Moistener and the like. Envelop-	B. D. Burdick.	851,115	Apr. 23	4795	1009	127	2920
Moistener. Broom-	E. M. Thomas.	872,696	Dec. 3	791	165	131	1293
Moistener. Envelop-	J. A. De Vilbiss.	859,646	July 9	2059	556	129	710
Moistener. Envelop and stamp.	T. F. Martin.	868,609	Oct. 15	2210	615	130	2035
Moistener. Label-	H. G. Campbell.	865,159	Sept. 3	598	168	130	182
Moistener-pad	H. N. Northrop.	842,108	Jan. 22	4631	993	126	1293
Moistener. Stamp-	C. Neuer.	861,309	July 30	4630	1265	129	1656
Moistener. Stamp and envelop.	T. H. Furman.	863,599	Aug. 20	2369	648	129	2883
Moistening and delivering gummed binding-tape.	H. P. Roberts.	843,101	Feb. 5	542	112	126	1932
Device for							
Moistening color-ribbons. Device for.	F. A. Langen.	849,143	Apr. 2	1082	216	127	1866
Moistening device	G. A. Klove.	859,606	July 9	1994	538	129	700
Moistening device	C. W. Gray.	870,234	Nov. 5	569	153	131	156
Moistening device. Strip-	M. C. Browne.	868,840	Oct. 22	2582	712	130	2173
Moisture from closed cases. Means for removing	A. S. Hickley.	851,516	Apr. 23	5612	1175-6	127	3123

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Mold:							
See Assayer's pouring-	Flower-band mold.						
mold.	Glass-mold.						
Blank-mold.	Ingot-mold.						
Box-mold.	Joint-mold.						
Brick-mold.	Linotype-mold.						
Building-mold.	Pipe-mold.						
Building-block mold.	Pipe-casting mold.						
Butter-mold.	Plastic-block mold.						
Ceiling-mold.	Plastic-material mold.						
Cement-block mold.	Portable mold.						
Cement-gate mold.	Post-mold.						
Cement-post mold.	Ring-mold.						
Centering-mold.	Roll-manufacturing						
Chain-casting mold.	mold.						
Cigar-mold.	Sectional mold.						
Cistern-mold.	Sewer-mold.						
Concrete-mold.	Shingle-mold.						
Concrete-block mold.	Starch-mold.						
Concrete-building	Stone-mold.						
mold.	Tile-mold.						
Concrete-building-	Tire-mold.						
block mold.	Type-mold.						
Concrete-construction	Type-casting mold.						
mold.	Type-casting-machine						
Concrete-post mold.	mold.						
Concrete-tile mold.	Type-machine mold.						
Concrete-wall mold.	Vault-cover mold.						
Concrete-work mold.	Vulcanizing-mold.						
Contractible mold.	Wall-mold.						
Culvert-mold.	Wall-forming mold.						
Fence-post mold.							
Fireproof-construction							
mold.							
Mold	W. P. Earnheart	840,924	Jan. 8	2275	500	126	621
Mold	G. H. Terry	843,716	Feb. 12	1746	372	126	2265
Mold	H. Besser	844,234	Feb. 12	2731	583	126	2510
Mold	H. Besser	844,236	Feb. 12	2736	584	126	2511
Mold	J. V. Boland	844,298	Feb. 12	2877	612	126	2547
Mold	W. B. Bussard	846,007	Mar. 5	589	122-3	127	150
Mold	A. Alexander and J. Frederick-	847,221	Mar. 12	3001	662	127	788
	sen.						
Mold	P. T. Burkholder	847,312	Mar. 19	3174	698	127	859
Mold	G. L. Bartlett	848,955	Apr. 2	696	140	127	1765
Mold	J. Thomas	849,936	Apr. 9	2565	532	127	2277
Mold	F. T. Dickinson	850,629	Apr. 16	3880	811	127	2652
Mold	P. B. Miles	852,448	May 7	79	17	128	23
Mold	J. F. Hill and C. M. Peckham	854,214	May 21	3756	777	128	1031
Mold	D. N. Thomas and L. O. Burk	854,613	May 21	4485	935	128	1214
Mold	P. A. Bowsher	855,091	May 28	5501	1141	128	1503
Mold	O. A. Stempel	859,530	July 9	1865	502	129	658
Mold	G. W. Stevens	859,704	July 9	2142	578	129	745
Mold	W. B. Norton	860,989	July 23	4144	1135	129	1463
Mold	J. A. Rathbone	861,318	July 30	4650	1271	129	1662
Mold	W. L. Hart and F. J. Daniels	867,129	Sept. 24	3642	1035	130	1233
Mold	J. B. Blaw	871,385	Nov. 19	2612	668	131	795
Mold	J. B. Blaw	853,951	May 21	3235	663	128	898
Mold and centering device	J. B. Blaw	851,395	Apr. 23	5385	1129	127	3069
Mold and centering device for sewers, conduits, &c	H. A. and H. W. Keehn	873,670	Dec. 10	2766	586-7	131	1648
Mold attachment	W. R. Cunningham	853,442	May 14	2155	449	128	585
Mold-box. Interchangeable	G. Matthews	852,608	May 7	469	87	128	124
Mold box or pan	W. S. Myers	848,480	Mar. 26	5533	1206	127	1482
Mold for sash-weights, &c	J. Macphail	850,768	Apr. 16	4137	866	127	2715
Mold-forming machine	J. Macphail	850,769	Apr. 16	4140	866	127	2716
Mold-forming machine	J. Macphail	850,770	Apr. 16	4141	866	127	2717
Mold-forming machine	E. H. Mumford	841,167	Jan. 15	2782	607	126	797
Mold-making apparatus. Pattern-guide for	L. P. Dages	854,932	May 28	5157	1075-6	128	1417
Mold-preparing machine	J. F. Willey	851,849	Apr. 30	6321	1318	127	3337
Molds. Forming	C. R. Schmidt	859,120	July 2	1242	333	129	420
Molds. Forming	E. Gurry	853,633	May 14	2550	529	128	687
Molds. Machine for forming pig-iron	G. H. Rayburn	842,700	Jan. 29	5965	1258	126	1668
Molder's flask	J. T. Ramsden	845,665	Feb. 26	5851	1235	126	3360
Molder's-flask clamp	H. Tabor and W. Lewis	849,514	Apr. 9	1805	366	127	2084
Molders' flasks. Equalizing-support for	G. E. Neuberth	868,882	Oct. 22	2636	728	130	2190
Molders' ladle	W. F. Kiesel, Jr.	866,479	Sept. 17	2652	741	130	892
Molding	W. F. Kiesel, Jr.	866,480	Sept. 17	2653	742	130	893
Molding	G. F. McKee and W. F. Schilling	844,737	Feb. 19	4025	858	126	2861
Molding apparatus	C. Winckhofer	845,674	Feb. 26	5863	1238-9	126	3363
Molding apparatus	L. Hansen	847,179	Mar. 12	2911	641	127	765
Molding apparatus	F. X. Leuthner	868,607	Oct. 15	2207	614	130	2033
Molding apparatus	C. H. Latham	873,760	Dec. 17	2970	630	131	1712
Molding apparatus	A. C. Rogerson	874,440	Dec. 24	4379	921-2	131	1969
Molding apparatus. Gravity	J. E. Mitchell and D. Parks	840,789	Jan. 8	2007	444	126	555
Molding-cutters. Device for laying out and setting up	C. Lee	866,205	Sept. 17	2253	628-9	130	765
Molding device. Cornice	H. E. Sharp	851,036	Apr. 23	4648	976	127	2885
Molding-machine	F. F. Martin	841,880	Jan. 22	4203	906	126	1193
Molding-machine	E. H. Mumford	842,229	Jan. 29	4916	1049	126	1399
Molding-machine	H. Besser	844,235	Feb. 12	2733	583	126	2511
Molding-machine	H. Besser	844,237	Feb. 12	2738	584	126	2512
Molding-machine	H. W. N. Cole	844,330	Feb. 19	2958	629-30	126	2605
Molding-machine	H. Bannon	846,279	Mar. 5	1112	242	127	282
Molding-machine	N. Baldwin	847,454	Mar. 19	3481	762	127	936
Molding-machine	C. Herman	851,166	Apr. 23	4909	1032-3	127	2950
Molding-machine	J. H. B. Bryan	852,494	May 7	218	39-40	128	63
Molding-machine	J. Blumer	853,861	May 14	3018	620	128	805
Molding-machine	E. L. Dawes and J. F. Whitehead	854,690	May 21	4637	965-7	128	1254
Molding-machine	H. E. Hodgson and J. Hartley	857,173	June 18	3381	713-14	128	2622

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Molding-machine	F. W. Hall	857,997	June 25	5017	1058-60	128	3065
Molding-machine	A. and D. Heller	862,073	July 30	5820	1613-14	129	2032
Molding-machine	O. W. Kelly	863,611	Aug. 20	2384	654-5	129	2388
Molding-machine	P. L. O'Toole	864,104	Aug. 20	3109	859-60	129	3115
Molding-machine	A. W. Rom	864,431	Aug. 27	3610	1002	129	3300
Molding-machine	W. H. Wood	865,071	Sept. 3	488	135	130	148
Molding-machine	P. Bonvillain and E. Ronceray	867,104	Sept. 24	3611	1024	130	1224
Molding-machine	C. W. Woods	868,957	Oct. 22	2757	761	130	2229
Molding-machine	F. J. Geehring	868,979	Oct. 22	2785	767-8	130	2237
Molding-machine	J. H. Koontz	873,559	Dec. 10	2573	542	131	1612
Molding-machine	H. Pocock	873,598	Dec. 10	2648	558	131	1626
Molding-machine	C. E. Daniel and W. Keller	869,692	Oct. 29	3927	1082	130	2615
Molding machine. Crayon.	J. J. Fleming, P. J. Trub, and	851,125	Apr. 23	4808	1013	127	2923
Molding machine. Sand.	W. H. Blackton.						
Molding or briquetting. Apparatus for preparing pulverulent materials for	G. J. Mashek	852,024	Apr. 30	6714	1396	127	3435
Molding or briquetting. Preparing pulverulent materials for	G. J. Mashek	852,025	Apr. 30	6718	1396	127	3436
Molding or forming mechanism	P. Hunt	851,939	Apr. 30	6508	1357	127	3382
Molding. Ornamental pressed-metal	A. E. Ostrander	847,506	Mar. 19	3576	786	127	962
Molding process	A. R. Marsteller	850,168	Apr. 16	2986	625-6	127	2419
Molding process	T. W. McClenahan	850,670	Apr. 16	3968	830	127	2675
Molding process	A. B. Marsteller	873,574	Dec. 10	2603	548	131	1618
Molding-receptacle	J. S. Stewart	872,029	Nov. 26	3991	959	131	1037
Molding tool. Cornice	H. E. Sharp and L. Kentana	851,035	Apr. 23	4647	975	127	2885
Molding vessels, such as flower-pots and the like. Device for	C. Geraedts, A. Blocks, Jr., and W. B. Az.	863,711	Aug. 20	2518	695	129	2933
Moldings. Device for cutting	P. F. Limacher	854,297	May 21	3906	806	128	1070
Moldboard	J. F. Parker	850,962	Apr. 23	4520	946	127	2852
Molten or semimolten materials by means of electricity. Maintaining or increasing the fluidity of	F. Wynne	848,422	Mar. 26	5432	1184-5	127	1457
Money-box	M. J. Ogden	869,284	Oct. 29	3418	940	130	2461
Money-changing machine	E. D. Hale	842,885	Feb. 5	85	19-20	126	1812
Money. Instrument representing the transfer of	M. H. Fox	865,176	Sept. 3	624	176	130	190
Money-order cabinet	W. B. Henderson	860,027	July 16	2651	720	129	942
Monkey-wrench	D. Gobel	849,230	Apr. 2	1235	251	127	1904
Monkey-wrench	H. B. Hardy	851,416	Apr. 23	5425	1136	127	3079
Monkey-wrench	S. V. Reharr	862,509	Aug. 6	683	185	129	2299
Monkey-wrench	C. and G. C. Van Horn	873,191	Dec. 10	1848	387	131	1489
Monkey-wrench. Ratchet	F. H. M. Davis	850,819	Apr. 16	4230	889	127	2740
Monoline composing-machine	J. McNamara	847,021	Mar. 12	2606	572-6	127	691
Monoline-machine	J. McNamara	856,898	June 11	2837	592	128	2445
Monoline-machine matrix	J. McNamara	850,094	Apr. 9	2836	594	127	2342
Monolithic hollow objects. Apparatus for and method of continuously making	J. M. Boyle	857,588	June 25	4173	884	128	2851
Monolithic hollow objects. Apparatus for continuously making	J. M. Boyle	857,587	June 25	4171	883	128	2851
Monolithic hollow objects. Means and method for continuously making tube-lined	J. M. Boyle	857,589	June 25	4175	884	128	2852
Monolithic objects. Apparatus for continuously making	J. M. Boyle	857,586	June 25	4170	883	128	2850
Monument	H. H. Hansen	853,407	May 14	2094	436	128	569
Monument	P. E. Mael	865,410	Sept. 10	1009	288	130	335
Mop	J. E. Hulse	853,793	May 14	2869	590	128	770
Mop	G. H. Albridge	853,941	May 14	3196	655	128	850
Mop	F. S. Thomas	863,561	Aug. 13	2293	627	129	2828
Mop	J. F. Antoni	868,748	Oct. 22	2442	676	130	2131
Mop	C. Kehr	842,204	Jan. 29	4861	1038	126	1385
Mop and brush making machine	E. F. Pettibone	870,463	Nov. 5	936	255	131	305
Mop and cloth wringer	H. L. Slusser	847,123	Mar. 12	2799	619	127	737
Mop and wringer. Combination	E. M. Lefevre	861,867	July 30	5507	1520	129	1925
Mop-head	H. M. Sturgeon	875,299	Dec. 31	6107	1275	131	2272
Mop head and wringer. Combined	H. O. Thomas	848,781	Apr. 2	324	66	127	1669
Mop head and wringer. Combined	F. R. Shearman	864,490	Aug. 27	3701	1032	129	3331
Mop-holder	A. M. Burnham	842,622	Jan. 29	5774	1220	126	1621
Mop-holder	M. E. Forrest	849,991	Apr. 9	2651	555	127	2297
Mop-holder	O. K. Brown	870,412	Nov. 5	862	229	131	283
Mop-wringer	J. L. Potts	850,781	Apr. 16	4162	871-2	127	2722
Mop-wringer	W. W. Todd	852,043	Apr. 30	6752	1404	127	3445
Mop-wringer	H. Colby	856,225	June 11	1503	316	128	2107
Mop-wringer	J. D. Carter	858,150	June 25	5326	1132	128	3144
Mop-wringer	A. J. Smith, L. Thurow, and J. F. Kremer.	862,207	Aug. 6	158	45	129	2133
Mop-wringer	E. Olsen	866,055	Sept. 17	2044	570	130	698
Mop-wringer	A. M. Burnham	867,242	Oct. 1	19	6	130	1322
Mop-wringer	L. C. McNeal	868,799	Oct. 22	2524	695	130	2156
Mop-wringer	J. C. Rink	872,974	Dec. 3	1369	289	131	1382
Mop-wringing device	C. L. Kraber	851,526	Apr. 23	5632	1179	127	3128
Mop-wringing machine	M. A. Elliott	856,235	June 11	1519	320	128	2111
Mopping-machine	J. W. O'Connor	862,411	Aug. 6	508	136	129	2245
Morgue-table	W. H. Dayhoff	859,206	July 9	1377	365	129	494
Mortar and separator. Crushing	H. R. Logan	847,016	Mar. 12	2597	570	127	689
Mortar-gage	G. S. Ormsby	856,363	June 11	1839	377	128	2195
Mortar-making machine	P. Schwiete	874,252	Dec. 17	4000	844	131	1874
Mortar-mixer	L. D. Gentzler	845,942	Mar. 5	447	92	127	115
Mortar-mixer	C. E. Oelman	873,455	Dec. 10	2351	494	131	1577
Mortar mixer or hoe	N. Anderson	865,150	Sept. 3	587	165	130	178
Mortise-case	F. Egge	867,574	Oct. 8	537	153	130	1498
Mortise-lock	W. H. Taylor	842,270	Jan. 29	5000	1067	126	1419
Mortising-gage	H. D. Jernigan	850,480	Apr. 16	3585	749	127	2577
Mortising-tool	C. W. Kinnear	842,318	Jan. 29	5103	1085	126	1446
Mortising-machine attachment	W. J. Hayden	849,389	Apr. 9	1542	312-13	127	2017
Mortising window-frames for sash-pulleys. Machine for	T. A. Moss	851,244	Apr. 23	5076	1068	127	2989
Mosquito-bar. Canopy	A. J. Jennings	849,791	Apr. 9	2295	472	127	2207
Mosquito-bar support	P. M. Owen	840,652	Jan. 8	1736	382	126	489

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Mosquito netting and bar.....	J. B. R. Noble.....	851,429	Apr. 23	5447	1141	127	3085
Mosquito-netting frame.....	M. E. Kelly.....	861,034	July 23	4205	1151	129	1481
Mosquito-trap.....	W. S. Hull.....	874,680	Dec. 24	4864	1023	131	2047
Motion and controlling the transmission thereof.	F. Bailey and F. H. Jackson.....	873,978	Dec. 17	3395	723	131	1784
Clutching device for communicating rotary							
Motion and housing therefor. Means for converting.	C. J. Klein.....	844,455	Feb. 19	3193	689	126	2663
Motion. Automatic device for producing intermittent	P. A. Brown.....	852,700	May 7	662	129	128	173
Motion. Clutch for transmitting rotary.....	W. Murphy.....	862,183	Aug. 6	116	30-1	129	2120
Motion-converting device.....	F. H. Richards.....	841,445	Jan. 15	3323	718	126	934
Motion-converting device.....	A. B. Cihak.....	861,807	July 30	5425	1495	129	1899
Motion. Means for converting.....	G. W. Ilett.....	847,945	Mar. 19	4500	986	127	1188
Motion. Means for converting reciprocating into rotary	W. T. Lewis.....	858,731	July 2	639	168	129	221
Motion. Means for imparting rotary reciprocating..	P. T. Coffield.....	853,440	May 14	2152	448	128	585
Motion. Mechanism for imparting and reversing...	L. E. Mease and E. F. Price.....	851,821	Apr. 30	6252	1304	127	3319
Motion or power. Means for imparting.....	J. Thomas.....	854,776	May 28	4835	1004	128	1333
Motion to sieve-boxes and other bodies. Means for	E. R. Draver.....	844,005	Feb. 12	2285	489-90	126	2399
imparting gyratory							
Motion to sieve-boxes and other bodies. Means for	E. R. Draver.....	868,333	Oct. 15	1755	496	130	1891
imparting gyratory							
Motion. Transmitting.....	J. F. Pagendarm.....	860,619	July 16	3548	974	129	1236
Motion-transmitting apparatus.....	C. B. King.....	857,002	June 11	3038	639-40	128	2496
Motions. Device for transforming variable motions	H. Niebuhr.....	874,529	Dec. 24	4573	959	131	1997
into uniform							
Motive-agent generator.....	J. L. Tate.....	868,372	Oct. 15	1821	512	130	1910
Motive power. Apparatus for compressing air or	J. Gill.....	859,213	July 9	1387	369	129	498
other elastic fluid for the production of							
Motive-power engine.....	L. M. Kellogg.....	839,999	Jan. 1	391	85	126	106
Motive-power purposes. Apparatus for utilizing the	J. Fortuny y Banús.....	852,661	May 7	582	111	128	152
motion of sea-water for							
Motor:							
See Air-motor. Rotary motor.							
Back-geared motor. Rotary impact-motor.							
Bell-ringing motor. Rotating motor.							
Car-motor. Semirotary motor.							
Churn-motor. Sewing-machine motor.							
Compressed-air motor. Speed-motor.							
Current-motor. Spray-motor.							
Cylinder-motor. Spring-motor.							
Electric motor. Tide-motor.							
Explosion-motor. Tide or wave motor.							
Explosive-motor. Track-motor.							
Fan-motor. Traction-motor.							
Fluid-motor. Treadle-motor.							
Fluid-pressure motor. Truck-motor.							
Gas-motor. Turbine-motor.							
Hydraulic motor. Vehicle-motor.							
Hydrocarbon-motor. Washing-machine							
Impact and reaction motor. motor.							
Induction-motor. Water-motor.							
Internal-combustion motor. Water-lifting motor.							
Mechanical motor. Wave-motor.							
Oscillating motor. Wave or tide motor.							
Pneumatic motor. Wave-power motor.							
Pumping-motor. Weight-motor.							
Reversible motor. Wind-motor.							
Motor.....	S. J. Evans.....	846,293	Mar. 5	1135	248	127	288
Motor.....	H. S. Mills.....	846,439	Mar. 5	1450	322-3	127	366
Motor.....	W. Hughes.....	847,072	Mar. 12	2716	599	127	717
Motor.....	R. R. Spears.....	849,279	Apr. 2	1322	268	127	1925
Motor.....	G. H. Chappell.....	850,295	Apr. 16	3222	671-2	127	2483
Motor.....	P. Synnestvedt.....	851,632	Apr. 23	5844	1222	127	3181
Motor.....	R. Philippe.....	852,033	Apr. 30	6736	1400	127	3441
Motor.....	A. E. Calkins.....	866,330	Sept. 17	2445	682	130	825
Motor.....	K. F. Ericksen.....	867,648	Oct. 8	645	182-3	130	1530
Motor.....	C. E. Smith.....	868,497	Oct. 15	2009	561	130	1967
Motor.....	J. Thomson and E. Schwamberger.	869,109	Oct. 22	2982	824	130	2299
Motor.....	J. Schroeder.....	873,619	Dec. 10	2687	567	131	1632
Motor.....	H. A. Hatfield.....	874,191	Dec. 17	3875	817	131	1853
Motor.....	G. P. B. Hoyt.....	874,200	Dec. 17	3903	821-2	131	1857
Motor.....	E. O. and L. H. Cochran.....	874,303	Dec. 17	4108	865-6	131	1891
Motor apparatus. Spring-	C. B. Elliott, J. T. Loggins, and W. B. Straughan.	855,506	June 4	122	25	128	1724
Motor-compressor.....	W. L. Waters.....	861,488	July 30	4927	1354	129	1747
Motor control.....	W. L. Merrill.....	853,711	May 14	2708	559	128	731
Motor control.....	M. W. Day.....	854,721	May 28	4722	982	128	1303
Motor control.....	H. B. Emerson.....	855,623	June 4	345	71	128	1782
Motor control.....	F. Eichberg.....	857,165	June 18	3361	709	128	2617
Motor control.....	C. B. Larzelere.....	863,188	Aug. 13	1757	471-2	129	2664
Motor control.....	E. R. Carichoff.....	869,229	Oct. 29	3166	873	130	2382
Motor control. Alternating-current-	M. C. A. Latour.....	841,257	Jan. 15	2951	641	126	838
Motor control. Alternating-current-	F. Eichberg.....	868,171	Oct. 15	1486	421	130	1809
Motor-control apparatus.....	G. W. Euker.....	857,797	June 25	4590	972	128	2958
Motor-control apparatus. Automatic.....	G. H. Hill.....	872,515	Dec. 3	412	86	131	1232
Motor-control device.....	A. Kidd, Jr.....	854,743	May 28	4761	989	128	1314
Motor control. Electric.....	W. Cooper.....	873,298	Dec. 10	2049	428	131	1524
Motor control. Electric.....	H. D. James.....	875,583	Dec. 31	6660	1391	131	2362
Motor control. Multiple-voltage system of.	W. H. Powell.....	874,990	Dec. 31	5512	1151	131	2173
Motor control. Multivoltage system of electric.	H. D. James.....	875,582	Dec. 31	6656	1390	131	2362
Motor-control system.....	C. Schiebler.....	848,926	Apr. 2	649	130	127	1754
Motor-control system.....	C. R. Tatem.....	850,277	Apr. 16	3183	665	127	2473

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Motor-control system	W. L. Merrill	851,823	Apr. 30	6256	1305-6	127	3320
Motor-control system	W. S. Moody	853,820	May 14	2935	603	128	786
Motor-control system	A. Sundh	861,197	July 23	4439	1217	129	1558
Motor-control system	W. H. Powell	865,811	Sept. 10	1642	464	130	535
Motor-control system	W. H. Powell	865,812	Sept. 10	1645	465	130	536
Motor-control system	W. H. Powell	865,814	Sept. 10	1655	465	130	542
Motor-control system	W. H. Powell	865,815	Sept. 10	1659	466	130	544
Motor-control system	W. H. Powell	865,816	Sept. 10	1664	466	130	547
Motor-control system	W. H. Powell	865,817	Sept. 10	1668	466	130	549
Motor-control system	W. H. Powell	865,818	Sept. 10	1671	466	130	551
Motor-control system	W. H. Powell	865,819	Sept. 10	1674	467	130	552
Motor-control system	W. J. Richards	865,820	Sept. 10	1677	467	130	553
Motor-control system	W. J. Richards	865,821	Sept. 10	1680	467	130	555
Motor-control system	W. J. Richards	867,154	Sept. 24	3688	1044	130	1250
Motor-control system	W. J. Richards	867,155	Sept. 24	3691	1044	130	1252
Motor-control system	H. E. White	868,381	Oct. 15	1832	516	130	1912
Motor-control system	M. W. Day	869,352	Oct. 29	3376	929	130	2448
Motor-control system	J. H. Hall	870,029	Nov. 5	248	68-9	131	86
Motor-control system	W. F. Schneider	871,239	Nov. 19	2272	597	131	745
Motor-control system	E. W. Stull	871,970	Nov. 26	3840	929-30	131	1016
Motor-control system	W. J. Richards	872,684	Dec. 3	769	161	131	1289
Motor-control system	G. H. Hill	872,939	Dec. 3	1298	275	131	1371
Motor-control system	W. L. Merrill	873,064	Dec. 10	1599	335	131	1449
Motor-control system	W. J. Richards	873,171	Dec. 10	1810	380	131	1483
Motor-control system	W. F. Schneider	873,177	Dec. 10	1822	381	131	1485
Motor-control system	A. McIver	874,025	Dec. 17	3487	742	131	1798
Motor-control system. Electric	L. M. Aspinwall	873,284	Dec. 10	2012	421-2	131	1519
Motor-control system. Electric	H. D. James	875,581	Dec. 31	6651	1390	131	2361
Motor-control system. Vehicle	W. Cooper	870,816	Nov. 12	1511	412	131	524
Motor-controller	T. S. Watson	845,831	Mar. 5	188	37	127	49
Motor-controller	A. Pedersen	850,443	Apr. 16	3512	735	127	2559
Motor-controller	A. Pedersen	850,872	Apr. 16	4346	911	127	2770
Motor-controller	E. W. Stull	852,468	May 7	170	30	128	51
Motor-controller	L. L. Tatum	870,596	Nov. 12	1129	308-9	131	398
Motor-controller	W. Fiedler	869,356	Oct. 29	3381	930	130	2449
Motor-controller. Alternating-current	A. Sundh	869,943	Nov. 5	96	28	131	32
Motor-controller. Electric	W. A. Paris	873,264	Dec. 10	1975	413-14	131	1512
Motor-controller. Spring	A. A. Caille	845,517	Feb. 26	5559	1178-9	126	3288
Motor-controlling apparatus. Alternating-current	W. N. Dickinson, Jr.	850,630	Apr. 16	3883	811-12	127	2653
Motor-controlling apparatus. Automatic	F. W. Newell	857,191	June 18	3415	720	128	2631
Motor-controlling device	C. Mittelstrass and A. Frank	855,470	June 4	54	12	128	1708
Motor-controlling means. Single-phase	A. R. Everest	847,172	Mar. 12	2895	637	127	762
Motor-controlling mechanism. Electric	M. B. McLauchlin	872,143	Nov. 26	4214	1006	131	1074
Motor-controlling mechanism. Electric	E. D. Lewis	872,289	Nov. 26	4499	1068	131	1120
Motor-controlling system	J. D. Ihlder	872,349	Dec. 3	62	13	131	1178
Motor-cut-out. Automatic	A. B. Mann	874,895	Dec. 24	5266	1109	131	2115
Motor-drive	F. E. Case	850,211	Apr. 16	3075	645	127	2442
Motor-drive arrangement	W. F. Lautenschlager	853,703	May 14	2691	554-5	128	726
Motor-extension receptacle	E. W. Stull	871,193	Nov. 19	2173	578-9	131	730
Motor for rock-drills and similar tools	G. Willius, Jr.	851,581	Apr. 23	5752	1202	127	3161
Motor-generator sets. Equalizing loads on	C. E. Shadall	849,578	Apr. 9	1914	392	127	2112
Motor-governing mechanism. Prime	J. B. Taylor	854,773	May 28	4831	1003	128	1332
Motor governor. Prime	F. Ellicott	852,658	May 7	571	109-10	128	149
Motor-meter. Electricity	F. Ellicott	852,779	May 7	809	162-6	128	211
Motor-meter for alternating currents and operating the same	G. Hookham	862,916	Aug. 13	1327	362	129	2526
Motor-regulating device	R. C. Lanphier	843,155	Feb. 5	640	135	126	1958
Motor-regulator	W. C. Runge	869,331	Oct. 29	3342	919	130	2436
Motor-regulator	G. H. Whittingham	862,226	Aug. 6	188	53	129	2141
Motor-regulator. Alternating-current	C. Renshaw	839,958	Jan. 1	315	69	126	87
Motor-speed-controlling mechanism. Explosive	J. A. Miller	865,582	June 4	263	53-4	128	1762
Motor-starter	A. W. Manz	872,527	Dec. 3	453	93	131	1237
Motor-starter	A. W. Manz	873,764	Dec. 17	2975	632	131	1714
Motor-starter. Automatic	C. D. Knight	851,811	Apr. 30	6230	1299	127	3313
Motor-starter. Automatic	W. C. O'Brien	874,531	Dec. 24	4577	960-1	131	1998
Motor starter. Explosion	H. J. S. Lewis	874,913	Dec. 24	5344	1117-18	131	2122
Motor starting and controlling apparatus. Electric	A. Taylor, T. Eaton, and H. Schwarz	873,139	Dec. 10	1741	365	131	1473
Motor starting device. Alternating-current	W. C. Yates	867,547	Oct. 1	485	139	130	1464
Motor-starting device. Automatic	W. J. Richards	853,467	July 2	156	42-3	129	52
Motor-starting means. Explosion	E. A. Nelson	848,679	Apr. 2	119	25-6	127	1616
Motor-starting mechanism. Explosion	J. A. Ageron and B. J. M. Remy	853,615	May 14	2518	522	128	680
Motor starting resistance	H. G. Reist	847,111	Mar. 12	2783	615	127	733
Motor switching device. Electric	J. B. Wiard	873,815	Dec. 17	3078	656	131	1731
Motor-synchronizing apparatus	W. P. Gerrish	870,505	Nov. 5	992	271	131	321
Motor-winding	E. F. W. Alexanderson	841,609	Jan. 15	3629	789-90	126	1014
Motor winding mechanism. Spring	C. Warren	847,138	Mar. 12	2825	624	127	744
Motor with a driven machine. Coupling for connecting a driving	R. Gruse	845,079	Feb. 26	4694	996	126	3071
Motors and generators. Brush-holder for	J. Lindall	848,182	Mar. 26	4945	1080	127	1336
Motors and other vehicles. Means for prevention of skidding or side slipping of	H. Turner	857,774	June 25	4541	959	128	2946
Motors. Arrangement of speed for regulation of compensated single-phase	E. Arnold and J. L. La Cour	843,731	Feb. 12	1775	378-9	126	2273
Motors as braking-generators. Control system for connecting	F. E. Case	844,777	Feb. 19	4111	877	126	2886
Motors at a distance. Controlling	N. C. Bassett	854,712	May 28	4708	979-80	128	1300
Motors. Automatic device for induction	S. R. Bergman	850,205	Apr. 16	3064	642	127	2439
Motors. Electrically braking alternating-current	W. A. Layman	851,891	Apr. 30	6391	1334-5	127	3354
Motors. Exhaust-silencer for gas	A. Weber	875,303	Dec. 31	6114	1276	131	2273
Motors. Fuel-feeding device for internal-combustion	H. J. and T. E. Podlesák	858,022	June 25	5064	1072	128	3076
Motors. Means for automatically controlling electric	H. W. Leonard	872,298	Nov. 26	4517	1071-2	131	1123
Motors. Means for automatically timing the spark for producing ignition in explosion	A. E. Brillé	857,715	June 25	4423	934	128	2916
Motors. Method of and means for governing prime	F. Ellicott	853,200	May 7	1656	344-6	128	418
Motors. Oil-retaining device for explosion	J. L. Didier	844,853	Feb. 19	4257	907	126	2923

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Motors or explosion-engines. Ignition-plug for hydrocarbon-	E. J. Pennington.....	870,902	Nov. 12	1644	451	131	564
Motors or the like. Apparatus for automatically starting explosive-	L. A. C. Letombe.....	857,639	June 25	4272	902	128	2877
Motors or the like. Brush-holder for electric	T. S. Watson.....	863,683	Aug. 20	2481	685	129	2920
Motors. Phase-adjusting means for alternating-current	B. G. Lamme.....	839,935	Jan. 1	265	57-9	126	73
Motors. Regulating alternating-current	B. G. Lamme and C. Renshaw.....	840,001	Jan. 1	394	86	126	107
Motors. Regulating the speed of electric	B. G. Lamme.....	839,937	Jan. 1	275	59	126	76
Motors. Starting alternating-current	W. A. Layman.....	851,890	Apr. 30	6389	1334	127	3354
Mounds, graves, and other similar purposes. Cover for decorating	C. Weber-Illig.....	873,279	Dec. 10	2001	419-20	131	1517
Mouse-trap	J. A. Vincent.....	873,639	Dec. 10	2716	574	131	1638
Mouse-trap	F. Beaudry.....	874,654	Dec. 24	4816	1011	131	2039
Mouth-brace	H. Lorenz.....	854,898	May 28	5106	1062	128	1404
Mouth-prop	R. L. Magoon.....	856,352	June 11	1813	375	128	2189
Mouth-wedge	R. Buchfeld.....	861,356	July 30	4718	1288	129	1686
Mouthpiece. Antinicotin-	J. Souheur.....	840,720	Jan. 8	1870	412	126	523
Mouthpiece-guard. Sanitary	R. R. Macgill.....	844,949	Feb. 19	4420	944	126	2961
Movement-cure device	L. E. Richmond.....	855,342	May 28	5961	1244	128	1619
Movements. Spring device for producing differential	W. V. Gilbert.....	846,561	Mar. 12	1699	375-6	127	461
Mower	R. W. Hathaway.....	845,547	Feb. 26	5618	1190	126	3303
Mower	J. H. Sherrard.....	851,901	Apr. 30	6410	1338	127	3359
Mower	W. W. and H. H. Hare.....	856,697	June 11	2477	510	128	2354
Mower	F. Kierzek.....	864,380	Aug. 27	3535	981	129	3275
Mower attachment	A. Theel.....	840,971	Jan. 8	2365	519	126	644
Mower attachment. Lawn-	M. Ketterer.....	854,424	May 21	4139	857-8	128	1129
Mower knife. Lawn-	L. E. Baker.....	844,769	Feb. 19	4097	874	126	2884
Mower. Lawn-	J. P. Jasper.....	843,821	Feb. 12	1926	413	126	2312
Mower. Lawn-	W. W. McCarty.....	843,961	Feb. 12	2207	472	126	2381
Mower. Lawn-	J. A. Swenson.....	847,213	Mar. 12	2989	658	127	785
Mower. Lawn-	A. Hill.....	848,551	Mar. 26	5654	1239	127	1511
Mower. Lawn-	S. M. Dobson.....	851,075	Apr. 23	4722	993-4	127	2904
Mower. Lawn-	R. A. Dickson.....	852,321	Apr. 30	7245	1521	127	3567
Mower. Lawn-	C. G. Oman.....	855,527	June 4	159	32	128	1735
Mower. Lawn-	L. Pederson.....	855,587	June 4	275	55-6	128	1765
Mower. Lawn-	W. E. Everitt and E. G. Thompson.....	859,172	July 2	1325	352	129	446
Mower. Lawn-	A. Hill.....	859,881	July 9	2407	654-5	129	830
Mower. Lawn-	I. Ellwood.....	861,098	July 23	4290	1178	129	1509
Mower. Lawn-	C. E. Jackson.....	861,287	July 30	4602	1257	129	1648
Mower. Lawn-	O. O. Riswold.....	863,557	Aug. 13	2288	625	129	2827
Mower. Lawn-	E. Franke.....	865,097	Sept. 3	519	143	130	157
Mower. Lawn-	W. H. Coldwell.....	865,161	Sept. 3	601	169	130	183
Mower. Lawn-	W. H. Coldwell.....	865,331	Sept. 3	877	252	130	266
Mower. Lawn-	A. B. Case.....	869,771	Oct. 29	4038	1115	130	2648
Mower. Lawn-	T. J. Dunning.....	873,033	Dec. 10	1532	320-1	131	1438
Mower. Lawn-	I. Ellwood.....	873,523	Dec. 10	2494	526	131	1600
Mowers and similar articles. Handle for lawn-	J. Fleming.....	847,565	Mar. 19	3691	813	127	992
Mowers and the like. Sickle-drive for.	C. A. Darrah.....	865,241	Sept. 3	728	208	130	219
Mowers. Grass-catcher for lawn-	J. A. Vye.....	844,427	Feb. 19	3142	675	126	2650
Mowers. Grass-catcher for lawn-	D. Fergesen.....	875,056	Dec. 31	5643	1177	131	2195
Mowers. Ratchet mechanism for lawn-	L. E. Baker.....	844,844	Feb. 19	4244	905	126	2920
Mowing-machine	S. V. Kennedy and C. S. Sharp.....	845,794	Mar. 5	114	22	127	33
Mowing-machine	J. R. Weatherly.....	849,761	Apr. 9	2242	460-1	127	2195
Mowing-machine	E. Kaufman.....	849,903	Apr. 9	2511	518-19	127	2263
Mowing-machine	J. W. Latimer.....	856,269	June 11	1596	334	128	2131
Mowing-machine	J. H. Brown.....	858,947	July 2	992	258-9	129	339
Mowing-machine	S. A. Ellis.....	859,600	July 9	1986	535	129	697
Mowing-machine	H. H. Damman.....	859,748	July 9	2201	596	129	766
Mowing-machine	W. Oster.....	869,799	Oct. 29	4081	1126-7	130	2660
Mowing-machine	D. R. Griffiths.....	870,358	Nov. 5	766	204	131	252
Mowing-machine	J. H. Burhop.....	871,203	Nov. 19	2192	582	131	733
Mowing-machine	M. Jewell.....	875,353	Dec. 31	6225	1298-9	131	2289
Mowing-machine attachment	H. M. Tarrant.....	865,056	Sept. 3	480	132	130	145
Mowing-machine finger-bar	H. Mehlnorn and J. Shepard.....	844,950	Feb. 19	4421	944	126	2963
Mowing-machine guard. Self-locking.	J. A. Cumming.....	866,000	Sept. 17	1952	545	130	671
Mowing machine. Lawn-	J. H. Auble.....	863,576	Aug. 20	2320	635-6	129	2855
Mowing-machine tedder attachment	J. Moore.....	841,166	Jan. 15	2779	606-7	126	796
Mowing-machine tedder attachment	J. P. Owings.....	865,607	Sept. 10	1339	379	130	438
Mowing machines. Conveyor for lawn-	J. H. Auble.....	865,748	Sept. 10	1547	436	130	504
Mucking-machine	E. W. Durfee.....	863,368	Aug. 13	2027	547	129	2749
Muff-bed	H. Fischer.....	856,691	June 11	2465	507	128	2352
Muff-holder	L. W. Scott.....	867,307	Oct. 1	119	36	130	1350
Muffle-furnace	E. L. Stine.....	874,452	Dec. 24	4396	926-7	131	1972
Muffle-furnace. Recuperative	L. C. Hamlink.....	852,506	May 7	256	46-7	128	72
Muffle or annealing furnace	A. Smallwood.....	874,039	Dec. 17	3524	751	131	1803
Muffler	J. E. Fairchild.....	844,669	Feb. 19	3883	822	126	2827
Muffler	C. O. Hedstrom.....	858,455	July 2	137	37	129	46
Muffler	W. H. Smith.....	859,414	July 9	1707	454	129	605
Muffler	E. T. Alber.....	863,342	Aug. 13	1988	535	129	2736
Muffler	J. H. Way.....	866,752	Sept. 24	3072	866-7	130	1059
Muffler	F. C. Blanchard and E. B. Crocker.....	871,775	Nov. 26	3394	834-5	131	951
Muffler	D. Reid.....	872,453	Dec. 3	282	58	131	1212
Muffler and stove. Combined	W. C. Strang.....	861,550	July 30	5023	1380	129	1780
Muffler and whistle device	M. Zwickl.....	842,744	Jan. 29	6062	1278	126	1691
Muffler. Exhaust-	E. J. Gulick.....	874,676	Dec. 24	4855	1020	131	2046
Multicolor-press	C. Williams.....	856,120	June 4	1272	268-9	128	2014
Multicopying-machine	A. C. Staley.....	871,531	Nov. 19	2928	731	131	843
Multiple-feed lubricator	C. A. Anderson and E. A. Erickson.....	857,221	June 18	3463	730-1	128	2644
Multiply fabric	G. D. Moore.....	848,121	Mar. 26	4853	1059	127	1312
Multiplying and type-writing machine	W. W. Hopkins.....	844,519	Feb. 19	3339	719-23	126	2699
Multiplying attachment	C. A. Wayland.....	872,871	Dec. 3	1168	249	131	1349
Multipolar service-switch	H. R. Sargent.....	842,978	Feb. 5	266	58	126	1856
Multiconductor	A. F. and W. Shore.....	857,367	June 18	3742	791	128	2713
Multogram record	A. Hoffman.....	870,961	Nov. 12	1754	478	131	599

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Music apparatus. Christmas-	W. Stock	842,351	Jan. 29	5175	1099-1100	126	1466
Music-book roll	D. H. York	874,817	Dec. 24	5120	1079	131	2091
Music cabinet. Sheet-	O. H. Stewart	843,711	Feb. 12	1740	370	126	2264
Music-case	J. W. R. Berwick	804,066	Aug. 20	3051	843-4	129	3097
Music-chart	W. J. Morris	856,358	June 11	1830	376	128	2192
Music-chart	P. Zuckriegel	870,405	Nov. 5	851	226-7	131	280
Music cornet. Automatic sheet-	C. E. Fauth and G. D. Skamper	873,035	Dec. 10	1535	321-2	131	1439
Music-holder	G. M. Snow	847,444	Mar. 19	3460	759	127	930
Music-holder	J. B. Way and C. Fezler	862,037	July 30	5742	1595	129	1997
Music holder and turner	H. M. Cosey	858,577	July 2	359	92	129	128
Music-indicator	E. Wilson	860,890	July 23	3971	1088	129	1407
Music-leaf turner	G. Regondi	845,895	Mar. 5	351	71	127	91
Music-leaf turner	E. R. Eldridge	847,922	Mar. 19	4461	978	127	478
Music-leaf turner	F. W. McNeil	848,599	Mar. 26	5772	1259-60	127	1541
Music-leaf turner	J. B. Golden	848,897	Apr. 2	610	121	127	1745
Music-leaf turner	G. Paris	849,424	Apr. 9	1601	324	127	2033
Music-leaf turner	W. G. Benson	849,717	Apr. 9	2160	444-5	127	2173
Music-leaf turner	T. Lo Casto	853,366	May 14	2029	420	128	553
Music-leaf turner	A. E. and E. Beh	853,571	May 14	2414	503	128	652
Music-leaf turner	F. P. Parker	856,420	June 11	1958	402	128	2224
Music-leaf turner	J. O'Connor	858,204	June 25	5420	1155	128	3168
Music-leaf turner	L. J. Rose	862,018	July 30	5718	1587	129	1990
Music-leaf turner	J. H. Moisan	863,740	Aug. 20	2563	708	129	2947
Music-leaf turner	W. F. Moore	865,928	Sept. 10	1833	513	130	602
Music-leaf turner	H. and W. Kuehnlein	867,056	Sept. 24	3536	1002	130	1202
Music-leaf turner	C. A. Matheny	874,221	Dec. 17	3941	832-3	131	1864
Music-player. Pneumatic	F. W. Winter	841,205	Jan. 15	2841	619	126	812
Music-player. Pneumatic	F. W. Winter	841,206	Jan. 15	2843	620	126	812
Music-playing instrument. Autopneumatic	F. C. White	852,752	May 7	754	149	128	197
Music-playing instrument. Autopneumatic	F. C. White	852,813	May 7	901	183	128	230
Music-playing instrument. Autopneumatic	F. C. White	862,429	Aug. 6	542	145	129	2258
Music-playing instrument. Autopneumatic	W. R. Crippen	869,480	Oct. 29	3579	981	130	2511
Music-playing instrument. Autopneumatic	W. A. Watson	869,818	Oct. 29	4111	1135	130	2669
Music-playing instrument. Autopneumatic	W. R. Crippen	873,214	Dec. 10	1880	394	131	1495
Music-rack	A. De Long, Sr.	871,113	Nov. 19	1996	544	131	703
Music-rack and leaf-turner. Combined	H. E. Van Vleck	854,129	May 21	3592	741	128	985
Music-rack. Folding	J. H. Rockwell	846,348	Mar. 5	1249	275	127	314
Music record-sheets. Means for producing expression-marks on	B. S. Dean	847,740	Mar. 19	4066	888-9	127	1084
Music. Recording	J. J. Walker	872,267	Nov. 26	4456	1059	131	1113
Music-recording device	A. J. Swing and K. A. Graner	840,397	Jan. 1	1240	271	126	325
Music-rest. Portable	M. Waldeufel	857,504	June 18	4004	852	128	2778
Music-roll	H. Koch	873,950	Dec. 17	3341	712	131	1775
Music-roll and support therefor	E. S. Votey	865,664	Sept. 10	1414	401	130	460
Music-roll fastener	M. R. Hageter	855,851	June 4	800	167	128	1896
Music-roll for mechanical musical instruments	H. P. Ball	850,892	Apr. 23	4400	921	127	2824
Music-roll holder	G. H. Davis	860,129	July 16	2790	761-2	129	987
Music-roll spool	G. H. Davis	860,965	July 23	4093	1121	129	1447
Music-roll spool	J. W. Barnes	869,871	Nov. 5	3	1	131	3
Music-roll support. Detachable	F. S. Votey	849,091	Apr. 2	953	195	127	1831
Music-sheet	J. B. Walker and A. R. Bond	846,267	Mar. 5	1087	235	127	277
Music-sheet	W. H. Rees	855,413	May 28	6082	1271	128	1649
Music-sheet	W. H. Rees. (Reissue)	12,695	Sept. 17	2844	802	130	951
Music-sheet	D. H. Haywood	871,221	Nov. 19	2230	589	131	739
Music-sheet feed device. Perforated	H. K. Sandell	852,299	Apr. 30	7204	1513	127	3558
Music-sheet-guiding device	E. Thomson	841,356	Jan. 15	3162	680	126	893
Music-sheet holder	F. W. Barrows	873,286	Dec. 10	2017	423	131	1519
Music-sheet mechanism	T. P. Brown	862,608	Aug. 6	858	229	129	2350
Music-sheets, &c. Clip for turning over	O. Blobel	855,874	June 4	838	173	128	1905
Music-stand	J. F. Fitz Simmons	841,953	Jan. 22	4336	935	126	1224
Music-stand	C. F. Daly and H. C. Morrison	850,998	Apr. 23	4577	959	127	2866
Music-stand	M. R. Hackerson	870,529	Nov. 5	1029	280-1	131	332
Music stand and turning device. Sheet-	L. Cochino	858,958	July 2	1013	264	129	347
Music-stands and the like. Sheet-holder for	C. H. French	875,421	Dec. 31	6352	1324	131	2311
Music-turner	R. H. Foster	852,944	May 7	1174	242	128	298
Music-turner	J. F. Young and E. L. Brennan	863,824	Aug. 20	2699	744	129	2990
Music turner. Sheet-	R. P. Green	842,649	Jan. 29	5827	1231	126	1634
Musical apparatus. Mechanical	G. P. Brand	847,895	Mar. 19	4401	966	127	1163
Musical apparatus. Tracker-board for legato and other effects in pneumatic	H. Binney	873,981	Dec. 17	3406	726	131	1785
Musical-chord indicator	C. A. Miller	857,955	June 25	4908	1037	128	3036
Musical compositions. Reproducing	H. P. Ball	852,312	Apr. 30	7228	1518-19	127	3563
Musical instrument	J. W. Bailey	847,307	Mar. 19	3164	696	127	857
Musical instrument	T. A. and J. B. Connolly	851,634	Apr. 23	5849	1223	127	3181
Musical instrument	C. F. Doughton	853,536	May 14	2345	488	128	635
Musical instrument	A. T. Bond	856,939	June 11	2905	609	128	2460
Musical instrument	F. J. Heppie	859,496	July 9	1816	488	129	642
Musical instrument	E. J. Elsas	870,025	Nov. 5	242	67	131	84
Musical instrument	W. A. Gay	870,092	Nov. 5	336	94	131	112
Musical instrument	C. Weiss	870,207	Nov. 5	526	143	131	172
Musical instrument	F. Wagner	871,463	Nov. 19	2783	700	131	821
Musical instrument	J. A. Bartholomew	873,289	Dec. 10	2022	424	131	1520
Musical-instrument adjusting device	P. B. Klugh	849,737	Apr. 9	2190	451	127	2179
Musical-instrument attachment. String	F. V. Skinnell	864,204	Aug. 27	3280	909	129	3197
Musical instrument. Automatic	T. Danquard	872,611	Dec. 3	611	129	131	1263
Musical instrument. Autopneumatic	F. C. White	852,751	May 7	751	148	128	196
Musical-instrument brake. Self-playing	J. Hattmer	847,770	Mar. 19	4127	901	127	1098
Musical-instrument controller. Mechanical	J. W. Sutton	855,145	May 28	5601	1165	128	1527
Musical-instrument key-action	B. R. Kiessig	853,884	May 14	3078	632	128	820
Musical-instrument key-action	B. R. Kiessig	853,885	May 14	3080	632	128	820
Musical-instrument keyboard	W. B. Fitz Simmons	842,539	Jan. 29	5597	1184-5	126	1577
Musical-instrument keyboard	A. E. Adriance	873,146	Dec. 10	1751	368	131	1475
Musical instrument. Mechanical	E. Schnabel and W. W. Lawson	840,259	Jan. 1	945	206	126	255
Musical instrument. Mechanical	J. McTammany	844,310	Feb. 12	2903	617-18	126	2553
Musical instrument. Mechanical	P. Wuest, Jr.	844,984	Feb. 19	4477	955-6	126	2978
Musical instrument. Mechanical	A. T. Chester	850,621	Apr. 16	3866	808	127	2648

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Musical instrument. Mechanical	P. Wuest, Jr.	851,471	Apr. 23	5523	1157	127	3102
Musical instrument. Mechanical	F. G. Lynde	873,320	Dec. 10	2102	439	131	1531
Musical instrument. Mechanically-operated	J. W. Stevenson and S. L. Dickinson	851,185	Apr. 23	4947	1040	127	2959
Musical-instrument modulating attachment	T. P. Brown	841,113	Jan. 15	2684	586	126	771
Musical instrument or player. Automatic	P. B. Klugh	843,755	Feb. 12	1813	387	126	2283
Musical-instrument player. Pneumatic	G. P. Brand	852,161	Apr. 30	6961	1454-5	127	3496
Musical-instrument playing attachment	F. L. Marshall	855,465	June 4	44	10-11	128	1706
Musical-instrument playing mechanism. Automatic	P. Wuest, Jr.	844,987	Feb. 19	4486	957	126	2980
Musical instrument. Pneumatic self-playing	L. B. Doman	856,774	June 11	2626	539	128	2394
Musical instrument. Pneumatically-operated	F. V. Crofut	840,303	Jan. 1	1030	226	126	276
Musical instrument. Pneumatically-operated	J. J. Healy	850,366	Apr. 16	3363	702-4	127	2521
Musical instrument. Self-playing	E. D. Ackerman, C. E. Clinton, and R. N. Eltom.	850,330	Apr. 16	3286	684	127	2501
Musical instrument. Self-playing	H. M. Salyer	857,261	June 18	3529	746-8	128	2660
Musical instrument. Self-playing	B. S. Dean	862,055	July 30	5789	1606-7	129	2012
Musical instrument. Self-playing	B. S. Dean	862,061	July 30	5796	1607	129	2015
Musical instrument. Self-playing	L. B. Doman	875,656	Dec. 31	6917	1441	131	2388
Musical instrument. Stringed	D. Feather and A. Culp	853,686	May 14	2660	548	128	718
Musical instrument. Stringed	C. H. Inskeep	860,137	July 16	2806	766	129	994
Musical instrument. Valved wind	C. G. Conn	848,726	Apr. 2	211	43	127	1641
Musical instrument. Wind	F. A. Buescher	869,619	Oct. 29	3814	1044	130	2582
Musical instruments. Accentuating device for automatic	C. S. Burton	861,260	July 30	4559	1244-5	129	1634
Musical instruments. Action for stringed	L. F. Boyd	857,380	June 18	3761	796	128	2718
Musical instruments. Actuating mechanism for pneumatically-operated	R. W. Fain	872,678	Dec. 3	758	158	131	1287
Musical instruments. Air-governor for	J. H. Chase	849,050	Apr. 2	870	178	127	1809
Musical instruments and musical-instrument players. Pneumatic operating device for	B. S. Dean	862,060	July 30	5795	1607	129	2015
Musical instruments. Automatic mechanism for playing	A. E. Olney	839,880	Jan. 1	154	36	126	43
Musical instruments. Automatic playing attachment for	T. P. Brown	862,704	Aug. 6	999	267-8	129	2390
Musical instruments. Automatic playing attachment for	T. P. Brown	862,705	Aug. 6	1000	268	129	2391
Musical instruments. Automatic playing attachment for	P. Welin	872,313	Nov. 26	4548	1077	131	1128
Musical instruments. Automatic playing mechanism for	C. B. Dunott	841,383	Jan. 15	3211	692-3	126	905
Musical instruments. Automatic playing mechanism for	P. Wuest, Jr.	851,470	Apr. 23	5519	1156	127	3101
Musical instruments. Controlling device for automatic	G. H. Davis	854,689	May 21	4629	965	128	1250
Musical instruments. Cut-off for pneumatic	E. de Kleist	871,123	Nov. 19	2017	549	131	706
Musical instruments. Expression mechanism for self-playing	J. J. Healy	850,303	Apr. 16	3235	674-5	127	2487
Musical instruments. Expression mechanism for self-playing	G. H. Davis	868,650	Oct. 22	2276	631	130	2079
Musical instruments. Key-locking mechanism for automatic	T. P. Brown	841,114	Jan. 15	2686	586	126	771
Musical instruments. Mechanical apparatus for playing keyboard	J. A. Armstrong	842,374	Jan. 29	5240	1111	126	1486
Musical instruments. Mechanically-controlled solo-accent device for mechanical	P. Wuest, Jr.	869,678	Oct. 29	3907	1075	130	2610
Musical instruments. Mechanism for making master-sheets of	H. N. Cross	852,261	Apr. 30	7140	1495-6	127	3543
Musical instruments. Modulating attachment for automatic	T. Danquard	871,788	Nov. 26	3420	840-1	131	955
Musical instruments. Mouthpiece for wind	E. Harrison	862,819	Aug. 6	1184	319	129	2445
Musical instruments. Music-roll for mechanical	H. P. Ball	855,038	May 28	5376	1117	128	1471
Musical instruments. Narrow-music-sheet attachment for	T. Danquard	871,787	Nov. 26	3418	840	131	955
Musical instruments. Operating mechanism for	B. S. Dean	862,059	July 30	5793	1607	129	2014
Musical instruments or players. Roll-carrying mechanism for automatic	M. Clark	849,831	Apr. 9	2368	485	127	2227
Musical instruments. Pneumatic valve for	A. W. Flegel	850,635	Apr. 16	3905	814	127	2659
Musical instruments. Pneumatic valve for self-playing	B. C. Peck	870,745	Nov. 12	1405	380	131	487
Musical instruments. Registering mechanism for the tracker-boards of	W. B. Tunstall	841,740	Jan. 22	3897	845	126	1114
Musical instruments. Reversing and rewinding mechanism for automatic	T. P. Brown	842,072	Jan. 22	4567	981	126	1277
Musical instruments. Stop mechanism for self-playing	B. C. Peck	870,744	Nov. 12	1403	380	131	486
Musical instruments. Tailpiece for stringed	E. D. Son	843,851	Feb. 12	1995	428	126	2327
Musical instruments. Take-up roll for automatic	M. Clark	875,505	Dec. 31	6517	1359	131	2338
Musical instruments. Tempo-indicator for mechanical	G. H. Davis	858,708	July 2	598	157	129	206
Musical instruments. Tracker-box for mechanical	W. F. Cooper	856,769	June 11	2608	536-7	128	2390
Musical instruments. Valve for pneumatic	E. de Kleist	844,879	Feb. 19	4307	918	126	2935
Musical players. Pneumatic motor for use in automatic	G. P. Brand	869,414	Oct. 29	3472	954	130	2477
Musical sounds. Device for registering vibrations of	L. R. Wheeler	844,838	Feb. 19	4229	902	126	2916
Mutoscope	P. Frost	870,504	Nov. 5	991	271	131	321
Mutoscopes. Exhibiting-reel for	E. W. Livermore	855,811	May 14	2906	597-8	128	779
Muzzle	M. Laramie	855,856	June 4	809	168	128	1898
Muzzle	N. J. Wigginton	858,432	July 2	106	30-1	129	36
Muzzle. Animal	C. E. Ballard	871,555	Nov. 19	2980	743	131	852
Muzzle. Dog	A. W. Swender	868,145	Oct. 15	1455	409	130	1801
Muzzle. Dog	W. H. Dusenbury	872,279	Nov. 26	4484	1065	131	1118
Nail	C. A. Birdsall	847,888	Mar. 19	4383	959	127	1161
Nail and rivet machine	J. Buckley	846,393	Mar. 5	1336	294-6	127	337
Nail-chuck	J. A. Milliken	853,931	May 14	3180	651-2	128	846
Nail-clenching machine	J. A. Milliken	861,382	July 30	4759	1300-1	129	1697
Nail-clenching tool	E. A. Noblet	864,682	Aug. 27	4045	1124	129	3435
Nail-clipper	A. M. Wooster	843,383	Feb. 5	1093	226	126	2066

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Nail-clipper	G. Havell	846,665	Mar. 12	1714	377	127	465
Nail-clipper	O. Kampfe	846,924	Mar. 12	2434	534	127	648
Nail-clipper	M. Prochaska	855,665	June 4	420	87	128	1802
Nail-clipper	G. Havell	860,975	July 23	4109	1125	129	1452
Nail-driver	H. W. Scheve	854,180	May 21	3085	763	128	1010
Nail-driving tool	S. F. Dutton	875,658	Dec. 31	6921	1441	131	2389
Nail-extractor	J. A. Thompson	845,672	Feb. 26	5861	1238	126	3362
Nail-extractor	S. D. Hyde	851,290	Apr. 23	5175	1087	127	3016
Nail-extractor	H. H. Mattocks	855,522	June 4	151	30	128	1733
Nail-feeding apparatus	G. D. Parker	844,463	Feb. 19	3213	693	126	2608
Nail holder and set	J. A. McCollm	874,613	Dec. 24	4730	994	131	2025
Nail-holding attachment for driving-tools	B. F. Schmidt	845,823	Mar. 5	177	34	127	47
Nail-plate-heating furnace	W. S. Myers	843,620	Feb. 12	1577	353-4	126	2221
Nail-plate-heating furnace	W. S. Myers	867,398	Oct. 1	258	75	130	1392
Nail-polisher	E. L. Buzzell	848,345	Mar. 26	5284	1153	127	1420
Nail-puller	A. P. Schnyder	848,211	Mar. 26	4994	1091	127	1349
Nail-puller and band-cutter. Combined	M. A. McMillan	840,580	Jan. 8	1611	354	126	456
Nail-transferring device	H. L. Weaver	847,864	Mar. 19	4327	949	127	1147
Nail-trimming device	M. M. Ryan	853,832	May 14	2962	607	128	792
Nailing-machine work-gage	L. A. Casgrain	865,329	Sept. 3	874	251	130	265
Nailing or riveting machine	J. M. J., A. J., and S. A. Gimson	855,454	June 4	27	6-7	128	1702
Name-plate and register for doors. Combined	J. H. Paige	854,598	May 21	4458	927	128	1208
Napkin-holder	O. Gasser	859,653	July 9	2069	559	129	723
Napkin-holder	C. D. Smith	868,817	Oct. 22	2547	702	130	2164
Napkin-holder	D. Sellers	872,852	Dec. 3	1131	239	131	1343
Napkin supporter and holder	E. C. Rink	851,107	Apr. 23	4784	1006	127	2918
Nasal snare	T. E. Duffee	870,021	Nov. 5	235	63	131	82
Nautical apparatus	F. Vanzini	844,837	Feb. 19	4223	902	126	2914
Nautical indicating device	J. D. Stannard	865,277	Sept. 3	783	224	130	236
Nautical indicating device	J. D. Stannard	865,278	Sept. 3	785	225	130	236
Nautical signal	F. C. Berwick	849,964	Apr. 9	2611	543	127	2258
Nautical signal	F. C. Berwick	852,594	May 7	448	83	128	119
Navigation	P. L. T. Héroult	855,510	June 4	128	26	128	1726
Neck and chest protector	N. Neuman	856,720	June 11	2521	518	128	2366
Neckband-holder	C. W. Richert	845,979	Mar. 5	524	108	127	136
Neckband-ring	B. C. Donnelly and C. K. McKnight	851,076	Apr. 23	4724	994	127	2904
Neckband-stretcher	J. Fischer	844,110	Feb. 12	2477	532	126	2445
Necklace. Pearl	B. Roede	849,164	Apr. 2	1118	225	127	1874
Necktie	B. Morton	845,108	Feb. 26	4759	1009	126	3090
Necktie	C. W. T. Davies	852,824	May 7	922	189	128	235
Necktie	C. W. T. Davies	871,569	Nov. 19	3002	748	131	856
Necktie	A. Swanson	874,710	Dec. 24	4930	1035	131	2057
Necktie	C. W. T. Davies	875,246	Dec. 31	6008	1253	131	2256
Necktie. Bow	W. A. Clarke	850,732	Apr. 16	4072	851	127	2699
Necktie device	C. I. Hoople	857,402	June 18	3802	806	128	2728
Necktie-fastener	E. E. R. Drescher	849,218	Apr. 2	1214	246	127	1899
Necktie-fastener	W. Hodgkinson and E. F. Clarkin	853,880	May 14	3066	629	128	817
Necktie-fastener	A. Swanson	860,160	July 16	2837	775	129	1004
Necktie-fastener	P. H. Long	866,943	Sept. 24	3356	949	130	1146
Necktie-fastener	M. Balla and D. Stein	869,683	Oct. 29	3914	1077	130	2613
Necktie-fastener clasp	F. E. Wickling	857,701	June 25	4397	928	128	2909
Necktie former and holder	T. H. Noonon	851,430	Apr. 23	5448	1141	127	3085
Necktie-frame	W. C. Truman	846,527	Mar. 12	1630	362-3	127	443
Necktie-holder	J. L. Sutherland	840,173	Jan. 1	771	168	126	208
Necktie-holder	F. Schlecht	843,303	Feb. 5	965	197	126	2035
Necktie-retainer	W. A. Lord	859,957	July 16	2528	686	129	900
Neckwear	J. W. Frost	854,284	May 21	3888	802	128	1066
Neckwear. Article of	W. H. Hart, Jr.	844,795	Feb. 19	4148	884	126	2896
Needle-grooving machine	J. O. Pettet	847,686	Mar. 19	3962	864-7	127	1061
Needle-holder	L. C. McNeal	857,824	June 25	4640	984	128	2970
Needle-threading device	R. Summers	844,482	Feb. 19	3263	704	126	2681
Needle-threading device	K. B. Buerger	853,766	May 14	2828	581	128	740
Needle-threading device	J. Welty	856,827	June 11	2705	560	128	2614
Needle-threading machine	H. E. Noon	875,282	Dec. 31	6075	1268-9	131	2267
Needles in temporary holders or books. Machine for inserting combing-	T. Townsend	841,358	Jan. 15	3167	681	126	894
Negative-pole plate	J. Bijur	845,391	Feb. 26	5322	1129	126	3229
Nest	P. E. Smidesang	843,850	Feb. 12	1993	428	126	2326
Nest	C. C. Ibson	854,219	May 21	3764	779	128	1032
Nest and hatching-coop. Hen's	H. J. Mier and D. Beames	841,995	Jan. 22	4424	953	126	1244
Nest-box for fowls	A. D. Crosley	876,348	Oct. 1	184	53-4	130	1368
Nest. Egg-trapping hen's	F. C. B. Hilkemeier	864,645	Aug. 27	3985	1105	129	3417
Nest. Hen's	C. M. Steely	847,029	Mar. 12	2633	579	127	698
Nest. Hen's	J. H. Blank	848,430	Mar. 26	5449	1187	127	1461
Nest. Hen's	S. C. Stevens	857,213	June 18	3451	728	128	2640
Nest. Hen's	W. Airhart	860,511	July 16	3361	923	129	1175
Nest. Poultry trap	W. P. Baynes	864,598	Aug. 27	3917	1086	129	3397
Nest. Trap	H. N. Almy	842,371	Jan. 29	5228	1109	126	1482
Nest. Trap	W. L. Niemann	863,936	Aug. 20	2863	788	129	2041
Nest. Trap	W. E. Olmsted	860,880	July 23	3954	1084	129	1401
Nest. Trap	H. P. Rankin	869,263	Oct. 29	3219	886-7	130	2400
Nest. Trap	W. Dix	874,748	Dec. 24	5002	1053	131	2070
Nesting and brooding box	J. W. Bradford	857,921	June 25	4831	1024	128	3016
Net. Fly	W. Erdmann	861,447	July 30	4877	1337	129	1731
Net. Hair	G. Grumbar	853,012	May 7	1326	216	128	337
Net-making machine	H. T. Richmond	870,644	Nov. 12	1225	332-3	131	434
Net. Minnow	G. W. Grau, Jr., and E. L. Nelson	872,652	Dec. 3	696	145	131	1278
Net. Trawl	R. R. Obee	852,135	Apr. 30	6924	1446	127	3487
Neurotometer	F. Kennedy	854,093	May 21	3520	726	128	970
Newspaper-assembling machine	W. E. Wines	845,337	Mar. 5	204	41-2	127	54
Newspaper-handling apparatus	G. W. Frick	856,460	June 11	2021	416-17	128	2241
Newspaper-holder	A. Ketzschner	842,464	Jan. 29	5454	1155	126	1546
Newspaper-holder	J. J. Dettwyler	857,608	June 25	4215	891	128	2862
Newspaper-receptacle	M. D. Turletot	844,059	Feb. 12	2384	510	126	2422
Newspapers and the like. Conveyer for	E. G. Thomas	873,633	Dec. 10	2708	572-3	131	1637

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Nickel and copper contained in sulfid ores and mattes. Rendering soluble in water the	W. S. Gates and H. H. Dow	874,496	Dec. 24	4482	-----	131	1986
Nickel contained in basic nickel precipitates. Recovering the	H. H. Dow, W. S. Gates, and A. E. Schaefer.	857,927	June 25	4840	1025	128	3019
Nickel. Electrolytic process for refining	J. N. Pring.	874,864	Dec. 24	5210	-----	131	2107
Nickel from ore. Recovery of.	C. A. Ehrenfeld and J. R. Grove.	868,769	Oct. 22	2468	682	130	2139
Nickel ores or other material containing nickel. Apparatus for treating with carbonic oxid	C. Langer.	865,969	Sept. 10	1896	531	130	622
Nickel ores, &c. Treating	R. W. E. MacIvor.	846,492	Mar. 12	1556	-----	127	425
Night-soil-reduction plant	P. E. McDonnell, Jr.	863,305	Aug. 13	1931	521-2	129	2716
Night-stand.	M. Boreke-Stargordt.	858,788	July 2	737	194	129	253
Nippers	W. J. Jenkins.	844,134	Feb. 12	2526	542	126	2456
Nippers and similar tool.	W. A. Bernard.	866,253	Sept. 17	2320	647-8	130	786
Nipple attachment for points	E. Skelton.	855,992	June 4	1061	220	128	1962
Nipple-making machine.	W. W. Doolittle.	868,166	Oct. 15	1476	416-18	130	1807
Nipple-making machine.	W. W. Doolittle.	868,167	Oct. 15	1480	418-20	130	1808
Nipple or pipe holder	F. W. Spencer.	859,022	July 2	1110	295	129	378
Nipples. Making pipe-	W. W. Doolittle.	868,168	Oct. 15	1484	420	130	1809
Nitrites. Making	O. Schönherr and W. Gaus.	871,640	Nov. 19	3124	775	131	877
Nitrocellulose. Electrolytic apparatus for the manufacture of	G. C. de Briailles.	874,564	Dec. 24	4637	974	131	2008
Nitrogen. Oxidizing atmospheric	A. Neuburger.	850,392	Apr. 16	3412	715	127	2534
Nitroglycerin. Manufacture of.	F. L. Nathan, J. M. Thomson, W. Rintoul, and A. Scott.	841,886	Jan. 22	4221	-----	126	1196
Nitrous compounds. Production of.	C. P. Steinmetz.	865,618	Sept. 10	1358	384	130	444
Non-hygroscopic compound and explosive treated therewith.	A. La Motte.	850,589	Apr. 16	3789	-----	127	2630
Non-refillable box.	A. E. Wilson.	868,744	Oct. 22	2438	674	130	2130
Noodle-cutter.	G. A. Jelley.	841,152	Jan. 15	2759	602	126	791
Nose-bag for feeding horses and other animals	A. L. Hodge.	843,211	Feb. 5	771	159	126	1990
Nose-guard	W. H. Reinsner.	857,758	June 25	4513	952	128	2939
Nose-ring.	J. C. Jacoby.	873,753	Dec. 17	2957	626	131	1710
Nose-ring.	A. A. Landon.	874,088	Dec. 17	3684	775	131	1820
Nose-ring for animals	H. Perkins.	861,480	July 30	4918	1350	129	1744
Nose-shaper	I. N. Soares.	850,978	Apr. 23	4544	952	127	2858
Nostril-expander	H. R. Woodward.	851,048	Apr. 23	4676	983	127	2893
Notch-cutting machine	L. W. Marshall. (Reissue)	12,612	Feb. 19	4608	981	126	3011
Note-sheet-guide mechanism	F. W. Wood.	860,616	July 16	3540	972	129	1234
Note-sheet-guide mechanism	F. W. Wood.	860,617	July 16	3542	972	129	1235
Note-sheet roll	H. V. Leménager.	859,391	July 9	1676	446	129	596
Note-sheets. Marking for	P. K. Van Yorx.	854,064	May 21	3464	714	128	955
Notes, drafts, &c. Blank for	J. W. Comer.	861,953	July 30	5637	1562-3	129	1966
Nozzle	I. W. Hoover.	843,945	Feb. 12	2181	466	126	2374
Nozzle	H. B. Sherman.	856,816	June 11	2692	556	128	2410
Nozzle.	D. Moulton.	867,521	Oct. 1	444	127	130	1453
Nozzle.	C. W. Skinner.	868,715	Oct. 22	2396	662	130	2117
Nozzle.	F. W. Cummings and G. H. Hanna	873,301	Dec. 10	2056	429	131	1525
Nozzle. Exhaust-	P. B. Houghton.	841,402	Jan. 15	3243	699	126	913
Nozzle-holder	J. H. Ruff.	854,178	May 21	3681	762	128	1009
Nozzle-piezometer	F. B. Sanborn.	852,581	May 7	428	78	128	113
Nozzle relief mechanism. Hydraulic.	E. F. Cassel.	871,321	Nov. 19	2464	637	131	774
Nozzle. Spray-	A. B. Hull.	848,995	Apr. 2	766	156	127	1783
Nozzle. Spraying-	J. F. Dornfeld.	850,216	Apr. 16	3083	646	127	2444
Nozzle. Spraying-	J. H. Ruff.	851,562	Apr. 23	5705	1195	127	3145
Nozzle. Spraying-	J. C. Hull.	858,811	July 2	789	206	129	275
Nozzle support. Hydraulic-	G. J. Henry, Jr.	863,795	Aug. 20	2654	734	129	2976
Nozzle. Vent-	A. N. Ritz.	863,648	Aug. 20	2441	671	129	2907
Nozzle-wagon	G. H. Bardsley.	840,287	Jan. 1	1000	219	126	269
Nozzles. Regulating means for hydraulic	G. J. Henry, Jr.	853,786	May 14	2856	587	128	768
Number frame. Interchangeable-	R. A. Stevenson.	872,769	Dec. 3	942	196	131	1316
Numbering and dating machine	E. G. Bates.	857,976	June 25	4964	1049-50	128	3052
Numbering apparatus	O. G. Bartusch.	861,794	July 30	5405	1489	129	1894
Numbering apparatus.	O. G. Bartusch.	866,419	Sept. 17	2571	718	130	867
Numbering-machine	E. G. Bates.	850,895	Apr. 23	4406	922	127	2825
Numbering-machine. Hand	H. P. Hamburg.	857,934	June 25	4854	1027	128	3022
Numbering-machine plunger	E. G. Bates.	850,894	Apr. 23	4404	922	127	2825
Numbering or marking machine.	G. H. Lang.	864,790	Sept. 3	40	12-13	130	15
Nurling cylinders. Apparatus for	E. J. O'Brien.	855,658	June 4	404	85	128	1798
Nursery-chair. Folding	J. W. Hencke.	859,557	July 9	1921	516-17	129	675
Nursery-seat. Child's	M. Wolff.	868,057	Oct. 15	1337	373	130	1764
Nut. Adjustable axle-	C. Miller.	861,219	July 23	4472	1227-8	129	1570
Nut. Adjustable sleeve axle-	R. C. Williams.	844,490	Feb. 19	3276	707	126	2684
Nut adjuster. Rail-bolt-	H. Smiley.	861,147	July 23	4364	1197-8	129	1534
Nut and bolt fastening. Combined	A. M. Gaines.	858,714	July 2	612	160	129	212
Nut and bolt lock	J. A. Hyle.	843,147	Feb. 5	628	133	126	1955
Nut and bolt. Locking	L. J. B. Boucher.	862,797	Aug. 6	1136	307	129	2430
Nut and pipe wrench	H. B. Shaver.	843,969	Feb. 12	2220	475	126	2384
Nut and screw-bolt lock	A. D. Gaston.	875,168	Dec. 31	5854	1222	131	2230
Nut and set-screw guard. Lock-controlled	K. E. and J. Ahlberg	870,533	Nov. 12	1040	284	131	367
Nut. Axle-	A. C. Willis.	849,952	Apr. 9	2592	539	127	2284
Nut. Axle-	T. Milligan.	853,712	May 14	2711	59	128	732
Nut. Axle-	W. L. Pounds.	855,664	June 4	419	87	128	1801
Nut. Axle-	N. H. Roe.	873,386	Dec. 10	2235	465	131	1553
Nut-blank-making apparatus	A. R. Jackson.	845,357	Feb. 26	5258	1115	126	3214
Nut-burring machine.	E. Mongrain.	872,189	Nov. 26	4299	1026-7	131	1089
Nut-cracker	M. A. Wheaton.	851,210	Apr. 23	5001	1051	127	2971
Nut-cracking machine.	W. Gebhardt.	842,398	Jan. 29	5284	1122-3	126	1497
Nut-cutting tool.	J. J. Kerr.	870,441	Nov. 5	907	245	131	297
Nut. Expansion-	J. S. Hanlon.	843,271	Feb. 5	901	183	126	2020
Nut. Expansive	W. R. Miller.	864,478	Aug. 27	3685	1026	129	3327
Nut for vehicle-hubs. Lock-	W. F. Post.	843,096	Feb. 5	527	110	126	1928
Nut grading and shelling machine	J. C. Crellin.	853,066	May 7	1414	295	128	359
Nut-holding device.	C. F. Lancaster.	866,793	Sept. 24	3133	883	130	1078
Nut-lock	W. D. Leonard.	840,143	Jan. 1	726	157	126	198
Nut-lock	D. W. Patton.	840,249	Jan. 1	925	202	126	251

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Nut-lock	J. B. Smiley	840,390	Jan. 1	1229	268	126	323
Nut-lock	C. M. Thompson	840,527	Jan. 8	1498	332	126	429
Nut-lock	J. W. Kreitzburg	841,542	Jan. 15	3500	756	126	981
Nut-lock	A. J. Hodges	841,688	Jan. 22	3803	828	126	1089
Nut-lock	J. M. Sias	842,029	Jan. 22	4487	964	126	1259
Nut-lock	E. L. Pitts	842,113	Jan. 22	4640	996	126	1296
Nut-lock	W. Gmeiner	842,647	Jan. 29	5824	1230	126	1633
Nut-lock	F. A. Cease	842,766	Jan. 29	6102	1287	126	1700
Nut-lock	A. J. Garrison and A. A. Bosserman	842,880	Feb. 5	79	18	126	1811
Nut-lock	D. C. Chaddock	842,937	Feb. 5	193	44	126	1838
Nut-lock	W. S. Mason	843,407	Feb. 5	1126	235	126	2074
Nut-lock	A. E. Ogden	843,840	Feb. 12	1977	424	126	2322
Nut-lock	A. L. Strout	844,422	Feb. 19	3136	673	126	2650
Nut-lock	L. M. Gilchrist	844,588	Feb. 19	3727	784	126	2787
Nut-lock	L. M. Gilchrist	844,589	Feb. 19	3728	784	126	2788
Nut-lock	F. W. Zollers	844,643	Feb. 19	3815	817	126	2809
Nut-lock	J. K. Gourdin	844,862	Feb. 19	4275	911	126	2927
Nut-lock	J. R. Thomas	844,972	Feb. 19	4455	952	126	2971
Nut-lock	J. H. Baldwin	844,993	Feb. 19	4499	959	126	2983
Nut-lock	W. T. Solomon	845,137	Feb. 26	4807	1018	126	3103
Nut-lock	E. M. Newman	845,250	Feb. 26	5024	1069	126	3157
Nut-lock	C. M. Thrasher	845,280	Feb. 26	5093	1082	126	3175
Nut-lock	J. J. King	845,362	Feb. 26	5265	1116	126	3216
Nut-lock	C. D. Smith	845,589	Feb. 26	5685	1205	126	3319
Nut-lock	L. E. Doron	845,621	Feb. 26	5742	1215	126	3334
Nut-lock	C. H. Hughes	845,643	Feb. 26	5800	1226	126	3348
Nut-lock	T. E. Curd	845,930	Mar. 5	422	87	127	109
Nut-lock	A. F. Thompson	846,262	Mar. 5	1079	234	127	275
Nut-lock	I. N. Rife	846,949	Mar. 12	2482	547	127	660
Nut-lock	H. Day	847,322	Mar. 19	3198	703	127	864
Nut-lock	L. Boudreaux	847,641	Mar. 19	3869	845	127	1038
Nut-lock	A. Baker	847,998	Mar. 26	4653	1014	127	1262
Nut-lock	J. G. Wenninger	848,080	Mar. 26	4782	1043	127	1294
Nut-lock	J. Jacoby	848,307	Mar. 26	5211	1137	127	1403
Nut-lock	C. S. Wilson	848,523	Mar. 26	5612	1227	127	1500
Nut-lock	M. Ellis and E. A. Bowen	848,541	Mar. 26	5639	1235	127	1507
Nut-lock	W. W. Diviney	849,376	Apr. 9	1518	307	127	2012
Nut-lock	L. Blessing and A. Johns	849,720	Apr. 9	2167	446	127	2174
Nut-lock	L. H. Kennedy	850,432	Apr. 16	3485	729	127	2552
Nut-lock	W. Bartley	850,459	Apr. 16	3537	740	127	2565
Nut-lock	H. E. Marsch	850,665	Apr. 16	3954	826	127	2673
Nut-lock	G. W. Roberts	850,787	Apr. 16	4173	875	127	2725
Nut-lock	E. E. Smith	850,801	Apr. 16	4193	880	127	2730
Nut-lock	T. R. Horn	850,933	Apr. 23	4473	935	127	2841
Nut-lock	L. P. Shaw	850,975	Apr. 23	4540	951	127	2857
Nut-lock	W. T. Solomon	851,037	Apr. 23	4650	976	127	2886
Nut-lock	M. Neiburger	851,606	Apr. 23	5799	1212	127	3171
Nut-lock	M. Rosenkranz	851,964	Apr. 30	6558	1366	127	3396
Nut-lock	A. Anderson	852,535	May 7	310	56	128	84
Nut-lock	J. J. Jennings	852,841	May 7	954	196	128	243
Nut-lock	J. Dawkins	853,005	May 7	1308	272	128	331
Nut-lock	C. S. Clark	853,062	May 7	1406	293	128	357
Nut-lock	F. E. Bartz	853,150	May 7	1560	324	128	394
Nut-lock	G. S. Gray	853,237	May 14	1752	364	128	476
Nut-lock	G. C. Wooddeil	854,260	May 21	3842	794	128	1053
Nut-lock	F. C. Ott and W. A. Kost	854,380	May 21	4049	837	128	1108
Nut-lock	W. H. Devoe	854,471	May 21	4228	875	128	1152
Nut-lock	H. M. Cheek and C. P. Brooks	854,800	May 28	4881	1014	128	1344
Nut-lock	W. H. Phillips	855,018	May 28	5331	1107	128	1460
Nut-lock	E. J. Foreman	855,396	May 28	6048	1263	128	1641
Nut-lock	G. W. Mims	855,408	May 28	6071	1269	128	1646
Nut-lock	F. E. Hutson and R. H. Neal	855,512	June 4	132	27	128	1727
Nut-lock	G. W. Darling	855,698	June 4	487	101	128	1820
Nut-lock	F. W. French	855,700	June 4	489	102	128	1820
Nut-lock	P. R. Hinkle	855,779	June 4	649	133	128	1861
Nut-lock	C. C. Halgren	855,946	June 4	973	202	128	1939
Nut-lock	J. O. Broadfoot	856,219	June 11	1493	314	128	2104
Nut-lock	F. D. Parsons	856,658	June 11	2409	496	128	2338
Nut-lock	W. W. Laughlin	856,710	June 11	2508	515	128	2363
Nut-lock	H. Miller	856,976	June 11	2985	625	128	2481
Nut-lock	S. Barber	857,223	June 18	3466	731	128	2644
Nut-lock	T. Booth	857,227	June 18	3471	732	128	2646
Nut-lock	D. B. Hanlon	857,398	June 18	3794	804	128	2726
Nut-lock	C. Kemmerer	857,405	June 18	3806	807	128	2729
Nut-lock	A. H. Knopf	857,526	June 18	4041	860	128	2789
Nut-lock	W. Atkins	857,573	June 25	4151	879	128	2845
Nut-lock	J. B. Purl	857,755	June 25	4507	951	128	2938
Nut-lock	R. D. Baker	857,782	June 25	4553	963	128	2949
Nut-lock	J. J. Potter	857,828	June 25	4646	986	128	2972
Nut-lock	H. C. Wornor	858,045	June 25	5111	1082	128	3089
Nut-lock	A. J. Logan	858,191	June 25	5397	1149	128	3176
Nut-lock	F. L. West and C. J. Kortz	858,549	July 2	319	78	129	116
Nut-lock	M. P. Morrison	858,889	July 2	906	237	129	312
Nut-lock	H. J. Fischer	859,054	July 2	1150	307	129	391
Nut-lock	H. H. Henson	859,063	July 2	1163	313	129	394
Nut-lock	W. C. Matteson	859,094	July 2	1204	324	129	407
Nut-lock	A. P. Steel	859,785	July 9	2260	614	129	786
Nut-lock	S. P. Vaughn	859,789	July 9	2264	615	129	787
Nut-lock	D. R. Hillman	860,028	July 16	2652	721	129	942
Nut-lock	J. A. Townsend	860,162	July 16	2839	775	129	1005
Nut-lock	C. H. Warren	860,168	July 16	2847	777	129	1007
Nut-lock	W. K. Lees	860,393	July 16	3193	873	129	1119
Nut-lock	S. A. Zeller	860,430	July 16	3246	887	129	1136
Nut-lock	J. W. Higginbotham	860,663	July 23	3620	992	129	1294
Nut-lock	W. W. Morey	860,758	July 23	3764	1032	129	1338

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Nut-lock	B. A. Van Wormer and G. W. Moody.	861,062	July 23	4243	1163	129	1492
Nut-lock	T. P. Vuncannon	861,065	July 23	4245	1163	129	1493
Nut-lock	F. W. Newman	861,139	July 23	4351	1193	129	1530
Nut-lock	A. B. and W. F. Keehl	861,216	July 23	4467	1226	129	1568
Nut-lock	C. D. Logan	861,527	July 30	4977	1367	129	1763
Nut-lock	W. W. Christy	862,447	Aug. 6	574	152	129	2269
Nut-lock	C. Davis	862,615	Aug. 6	867	232	129	2353
Nut-lock	M. Moore	865,513	Sept. 10	1182	337	130	389
Nut-lock	W. H. Burnett	866,255	Sept. 17	2322	648	130	787
Nut-lock	W. W. Jenkins	866,279	Sept. 17	2367	659	130	802
Nut-lock	W. L. Foraker and H. Walker	866,451	Sept. 17	2615	730	130	882
Nut-lock	W. Bollwahn	866,616	Sept. 24	2852	804	130	986
Nut-lock	J. L. Doelp	867,351	Oct. 1	190	55	130	1370
Nut-lock	T. Hemp	868,091	Oct. 15	1380	386	130	1777
Nut-lock	A. E. Forsell	868,336	Oct. 15	1759	497	130	1892
Nut-lock	H. T. Fowler	869,173	Oct. 22	3077	849	130	2328
Nut-lock	J. F. Sandrock, J. W. Noble, and L. O'Dell.	869,198	Oct. 22	3114	858	130	2339
Nut-lock	E. A. Doty	869,696	Oct. 29	3933	1084	130	2617
Nut-lock	C. Schreck	871,641	Nov. 19	3125	775	131	871
Nut-lock	A. B. Macklin	871,718	Nov. 19	3255	806	131	998
Nut-lock	J. F. Fish	871,921	Nov. 26	3724	907	131	1002
Nut-lock	H. A. and J. P. Fisher	871,922	Nov. 26	3725	907	131	1001
Nut-lock	P. M. Rulli and P. Pepec	872,752	Dec. 3	914	190	131	1311
Nut-lock	J. W. Chapman and C. C. Foss	872,897	Dec. 3	1219	259	131	1358
Nut-lock	F. Greene	873,424	Dec. 10	2305	482	131	1567
Nut-lock	A. H. Reade	873,457	Dec. 10	2355	494	131	1577
Nut-lock	E. C. Beverage	873,831	Dec. 17	3124	665	131	1736
Nut-lock	J. H. Ramsdell	874,540	Dec. 24	4596	965	131	2001
Nut-lock	P. C. Schmidt	874,544	Dec. 24	4601	966	131	2002
Nut-lock	H. A. Thompson	874,642	Dec. 24	4792	1006	131	2035
Nut-lock	J. H. Glosap	874,760	Dec. 24	5025	1059	131	2073
Nut-lock	H. B. Lake	874,773	Dec. 24	5046	1062	131	2078
Nut-lock	A. K. Spinney	874,803	Dec. 24	5097	1073	131	2087
Nut-lock	H. J. Berkeley	875,141	Dec. 31	5807	1212	131	2222
Nut-lock	D. Verna	875,561	Dec. 31	6611	1382	131	2355
Nut-lock	D. C. Mercer	844,382	Feb. 19	3060	655	126	2631
Nut-lock	H. F. Rieschick	844,750	Feb. 19	4052	864	126	2869
Nut-lock	A. Minne	846,593	Mar. 12	1782	392	127	483
Nut-lock	J. J. Fifield	849,535	Apr. 9	1841	373	127	2094
Nut-lock	E. H. Musser	854,590	May 21	4448	924	128	1205
Nut-lock	C. Rystrom	856,728	June 11	2538	522	128	2371
Nut-lock	C. Rystrom	856,729	June 11	2539	522	128	2371
Nut-lock	A. W. Carlson	857,869	June 25	4718	1002	128	2989
Nut-lock	F. P. Vaughan	862,220	Aug. 6	177	49	129	2138
Nut-lock and lock-nut	J. F. Hennings	861,844	July 30	5479	1511	129	1916
Nut-lock. Axle	A. J. Garrison	852,176	Apr. 30	6992	1459	127	3506
Nut-lock for rail-joint fastenings	C. F. Clawson	852,928	May 7	1147	236	128	292
Nut lock or fastening device	B. Hemann and A. Guenther	872,816	Dec. 3	1040	218	131	1332
Nut-lock washer	C. G. Ette	867,116	Sept. 24	3626	1029	130	1228
Nut-locks. Tool for locking	J. J. Amrhein	869,153	Oct. 22	3053	842	130	2321
Nut. Locking	A. Walbrecker	853,661	May 14	2608	541	128	703
Nut-locking washer	R. A. Schindler	843,704	Feb. 12	1728	367	126	2261
Nut-machine	F. Lackner	840,776	Jan. 8	1982	437-8	126	550
Nut-retainer	M. V. Golden	848,737	Apr. 2	236	47	127	1647
Nut-ring	E. E. Gamon	856,246	June 11	1557	326	128	2121
Nut-tap	W. M. McKenzie	861,221	July 23	4478	1228	129	1571
Nut-tapping machine	J. M. Ralston	862,281	Aug. 6	289	81	129	2173
Nut. Toilet screw-	E. W. Bassick and C. S. Barnard	849,039	Apr. 2	851	175	127	1805
Nut-wrench	A. L. McMurtry	847,596	Mar. 19	3761	825	127	1012
Nut-wrench	R. M. Atmore	849,356	Apr. 9	1479	300-1	127	1999
Nut-wrench	W. H. Brawley	864,882	Sept. 3	189	53	130	59
Nut-wrench. Magazine-socket	A. L. McMurtry	848,194	Mar. 26	4967	1086	127	1341
Nut-wrench. Magazine-socket	A. L. McMurtry	851,181	Apr. 23	4941	1039	127	2957
Nut wrench. Vehicle-	F. T. Musso	863,624	Aug. 20	2410	662	129	2898
Nuts. Ball-bearing gland for packing	W. W. Hicks	845,085	Feb. 26	4712	999	126	3077
Nuts. Dies and punches for making hexagonal	G. Dunham	843,875	Feb. 12	2046	438	126	2340
Nuts, screws, &c. Locking arrangement for	C. A. Arbey	868,622	Oct. 15	2231	619	130	2041
Nuts to bolts. Means for locking	A. T. Hughes	859,814	July 9	2295	624	129	796
Nutmeg container and grater	C. L. Newton	853,725	May 14	2751	566	128	740
Nutmeg-pulverizer	G. A. Alger	855,423	May 28	6102	1275	128	1653
Oakum and similar materials. Treating waste	C. L. Gellert and C. Bunse	874,668	Dec. 24	4838	1016-17	131	2043
Oar	W. Fentzke	844,926	Feb. 19	4381	936	126	2953
Oar-blade	G. W. Dossie	853,401	May 14	2085	433	128	567
Oar. Bow-facing	H. Flint	874,317	Dec. 17	4140	871	131	1896
Oar for boats	R. Walterskirchen	872,158	Nov. 26	4237	1011	131	1079
Oar-lock	E. F. Ward	868,378	Oct. 15	1826	515	130	1911
Oar-lock and socket therefor	J. Lackie and F. M. Poston	843,021	Feb. 5	368	80	126	1884
Obstetrical supporter	F. M. Crume	846,648	Mar. 12	1892	415	127	512
Ocular. Ramsden	A. König	873,870	Dec. 17	3199	681	131	1749
Ocular. Ramsden	A. König	873,871	Dec. 17	3200	682	131	1750
Odometer	J. D. Roberts	845,820	Mar. 5	174	33	127	46
Odometer	B. Schneider	869,740	Oct. 29	4000	1105	130	2637
Office article. Combination	F. P. Repass	859,841	July 9	2344	637	129	811
Office-indicator	H. P. Davis	871,675	Nov. 19	3185	790	131	888
Oil and steam vapor burner and steam-generator combined. Hydrocarbon-	A. J. Smithson	842,917	Feb. 5	149	33-4	126	1829
Oil and water separator and filter	C. Freiermuth and F. H. Blattner	866,454	Sept. 17	2618	731-2	130	883
Oil. Apparatus for the purification of waste	N. W. Smith	841,347	Jan. 15	3140	677-8	126	887
Oil-atomizing apparatus	L. V. Estes and R. W. Wells	861,362	July 30	4729	1291	129	1688
Oil-burner	W. S. Stewart	841,597	Jan. 15	3603	783	126	1007
Oil-burner	N. Zucke	842,370	Jan. 29	5226	1109	126	1482
Oil-burner	G. E. Witt	843,381	Feb. 5	1090	226	126	2066
Oil-burner	J. C. Fitzsimmons	846,990	Mar. 12	2553	562	127	679
Oil-burner	W. R. Gilmore	846,993	Mar. 12	2558	563	127	680

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Oil-burner	C. N. Moore	848,384	Mar. 26	5357	1167	127	1436
Oil-burner	A. J. Blackford	848,586	Mar. 26	5733	1254	127	1531
Oil-burner	W. R. Jeavons	848,828	Apr. 2	457	90-1	127	1703
Oil-burner	W. R. Jeavons	848,829	Apr. 2	465	91	127	1705
Oil-burner	L. F. Mustee	849,259	Apr. 2	1290	262	127	1917
Oil-burner	C. S. Cannon	852,597	May 7	453	83-4	128	120
Oil-burner	H. E. Armitage	854,553	May 21	4372	906	128	1185
Oil-burner	L. A. Blubaugh	855,688	June 4	469	99	128	1815
Oil-burner	G. Larsen	855,857	June 4	810	169	128	1899
Oil-burner	C. W. Phelps	856,547	June 11	2179	449	128	2279
Oil-burner	A. J. O'Brien	856,798	June 11	2663	549	128	2403
Oil-burner	E. L. Stream and W. J. Gibbens	857,496	June 18	3983	847	128	2773
Oil-burner	C. E. Swenson	859,128	July 2	1254	335	129	423
Oil-burner	W. Howe, Jr.	859,450	July 9	1751	468	129	621
Oil-burner	V. F. Lasso and L. D. Lovekin	861,662	July 30	5187	1424-5	129	1830
Oil-burner	J. D. McCord	863,304	Aug. 13	1930	521	129	2716
Oil-burner	S. T. Johnson and C. Y. Roop	865,783	Sept. 10	1598	452	130	519
Oil-burner	H. C. Finley	868,175	Oct. 15	1490	422	130	1811
Oil-burner	S. B. Rappleye	870,317	Nov. 5	668	188	131	229
Oil-burner	C. C. Cleveland	870,933	Nov. 12	1704	468	131	583
Oil-burner	W. H. Van Marter	871,462	Nov. 19	2781	700	131	821
Oil-burner	W. R. Jeavons	871,593	Nov. 19	3036	756	131	863
Oil-burner	J. C. Ziegler	872,398	Dec. 3	161	31	131	1193
Oil-burner	J. L. Causey	874,488	Dec. 24	4470	942	131	1981
Oil-burner. Air-carbureting	W. N. Best	856,674	June 11	2441	501	128	2346
Oil-burner. Air-carbureting	W. N. Best	871,751	Nov. 19	3327	830	131	912
Oil-burner. Crude	J. Harleman	840,059	Jan. 1	538	116	126	143
Oil-burner. Crude	M. A. Fesler	840,448	Jan. 1	1332	295	126	348
Oil-burner. Crude	N. and C. Arch.	865,746	Sept. 10	1545	436	130	504
Oil-burner. Crude	A. D. Marcotte	870,980	Nov. 12	1784	485	131	608
Oil-burner flame-spreader	J. H. Greenhagen	844,931	Feb. 19	4387	938	126	2954
Oil-burner for lamps and stoves	F. A. Baynes	871,100	Nov. 19	1968	539	131	699
Oil-burner. Fuel	F. Smith	860,259	July 16	2984	815	129	1052
Oil-burner. Locomotive	G. E. Witt	870,402	Nov. 5	848	225	131	279
Oil-burner. Self-cleaning	J. W. Batiste	840,739	Jan. 8	1917	422	126	533
Oil-burning apparatus	E. J. Foster	852,382	Apr. 30	7380	1549	127	3600
Oil-burning system	M. N. Macrate and J. A. Toomey	851,953	Apr. 30	6535	1362	127	3390
Oil-burning system	I. E. Smith	872,023	Nov. 26	3978	955	131	1035
Oil-cabinet	H. T. Satterlee	862,999	Aug. 13	1449	394	129	2567
Oil-cake-forming machine	A. W. French	863,794	Aug. 20	2652	733	129	2975
Oil-cake-stripping machine	A. W. French	862,464	Aug. 6	607	161-2	129	2278
Oil-cake-treating machine	C. F. Young	842,741	Jan. 29	6054	1276-7	126	1689
Oil-cake trimmer	J. D. Belanger	848,428	Mar. 26	5443	1186-7	127	1460
Oil-cake trimmer	J. Dion and J. D. Belanger	855,836	June 4	764	157-8	128	1887
Oil-can	C. Schaaf	842,022	Jan. 22	4476	962	126	1257
Oil-can	W. E. Harmon and T. B. Goodpasture	857,056	June 18	3145	662	128	2564
Oil-can	A. F. Demory	857,517	June 18	4024	857	128	2783
Oil-can	H. C. Beman	860,276	July 16	3007	823	129	1058
Oil-can	J. G. Woodward	865,222	Sept. 3	705	200	130	213
Oil-can	T. B. Wilkinson	866,546	Sept. 17	2743	768	130	919
Oil-can	J. F. Cody	868,075	Oct. 15	1361	381	130	1771
Oil-can	W. B. Orton	868,691	Oct. 22	2350	652	130	2104
Oil-can	S. E. Friend	869,702	Oct. 29	3940	1086	130	2619
Oil-can	S. R. Parks	870,684	Nov. 12	1285	351	131	453
Oil-can	W. Irving	873,941	Dec. 17	3329	709	131	1772
Oil-can	F. D. Borland	875,316	Dec. 31	6148	1283	131	2276
Oil-can. Air-tight	J. Dahl	846,783	Mar. 12	2141	470	127	575
Oil-can for kindling fires	C. Weineis	860,170	July 16	2850	778	129	1008
Oil-can. Non-explosive	F. W. Reiber	846,619	Mar. 12	1839	404	127	498
Oil-can. Pneumatic	J. S. and E. L. Arnott	864,284	Aug. 27	3395	944	129	3232
Oil-channels in boxes, bearings, &c. Machine for cutting spiral	W. Wattie	872,036	Nov. 26	4004	961-2	131	1039
Oil-check for lubricator drain-passages. Automatic	W. E. Bryant	854,797	May 28	4875	1012-13	128	1343
Oil-cloth protector	M. I. McMillan	853,190	May 7	1626	340	128	410
Oil-cloth rack	P. S. Pease	845,682	Apr. 2	123	27	127	1617
Oil-cloth. Rolling-stick for	M. F. Anderson	864,057	Aug. 20	3041	840	129	3094
Oil-column	W. M. Rose	874,246	Dec. 17	3991	842	131	1873
Oil-cup	J. H. Davis	861,165	July 23	4384	1203	129	1540
Oil-cup	J. B. Reimund and J. W. Kyle	863,878	Aug. 20	2778	764	129	3013
Oil-cup. Emergency	R. T. Rickards	864,991	Sept. 3	362	97	130	114
Oil-cup lubricator	W. P. Phillips	872,012	Nov. 26	3946	950	131	1031
Oil-cups. Forming	J. Towers	845,492	Feb. 26	5522	1170	126	3279
Oil-dispensing tank	J. E. Bourne	842,517	Jan. 29	5561	1176	126	1568
Oil distillate of petroleum to raise the fire test thereof. Separating low-boiling products from the burning	H. Frasch	845,456	Feb. 26	5450	1154	126	3262
Oil-distributing ring	G. H. Follows	856,459	June 11	2020	416	128	2241
Oil-engine	H. Soeldner. (Reissue)	12,635	Apr. 16	4390	919-20	127	2783
Oil-engine	O. Gassett	875,256	Dec. 31	6023	1256	131	2259
Oil-extracting apparatus. Cotton	R. S. Woodward, Jr.	843,984	Feb. 12	2245	480	126	2390
Oil. Extracting cotton-seed	M. Bird	853,759	May 14	2816	-----	128	757
Oil from crude oil. Obtaining lubricating	W. J. Ryan and C. R. Burke	854,057	May 21	3446	710	128	951
Oil from oleaginous seeds. Extracting	R. S. Woodward, Jr.	843,983	Feb. 12	2242	480	126	2389
Oil-heater	A. K. Johns	851,755	Apr. 30	6113	1278	127	3281
Oil its tarry or asphaltic constituents, with gas as a by-product. Apparatus for recovering from	L. P. Lowe	839,940	Jan. 1	281	60-1	126	78
Oil or gas engine	E. Thomson	848,607	Mar. 26	5782	1262	127	1544
Oil or gasoline can	T. W. Alexander	854,618	May 21	4494	937	128	1217
Oil. Paint	F. Dahlhaus	867,951	Oct. 15	1168	-----	130	1711
Oil preparations. Insipid sandalwood	H. Vieth	862,858	Aug. 6	1245	-----	129	2465
Oil-press	P. Schneider and K. Sohler	863,885	Aug. 20	2796	768	129	3021
Oil-press frame	A. Austerlitz	865,749	Sept. 10	1549	437	130	504
Oil-separator	J. B. Berryman and J. E. Rollins	861,494	July 30	4937	1356	129	1750
Oil-shell	C. A. Glover	841,508	Jan. 15	3453	743	126	970
Oil-spreader	W. M. Murray	853,720	May 14	2740	563	128	738
Oil-switch	E. M. Hewlett	872,513	Dec. 3	405	85	131	3112

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Oil-testing apparatus	W. C. Robinson	873,895	Dec. 17	3241	692	131	1757
Oils and fats. Bleaching	H. A. Metz and P. S. Clarkson	856,357	June 11	1829	128	2192
Oils and fats with heavier fluids. Combining	T. E. Smith	855,071	May 28	5454	1131	128	1491
Oils. Eliminating the odors of fish	A. de Hemptinne	852,662	May 7	585	111	128	152
Oils. Producing purified hydrocarbon	L. B. De Camp	861,232	July 23	4493	1231	129	1576
Oiler	W. L. Miggett	862,576	Aug. 6	807	215-16	129	2333
Oiler	J. W. Ladd	868,456	Oct. 15	1953	545	130	1950
Oiler. Automatic	A. P. Olson	864,857	Sept. 3	149	42	130	47
Oiler for motor-vehicles. Automatic multiple	G. E. Whitney	859,159	July 2	1305	347	129	440
Oiler. Force-feed	G. Wood	874,719	Dec. 24	4955	1040	131	2060
Oiler. Mechanical	C. R. Radcliffe	856,180	June 4	1406	297	128	2047
Oiler. Mechanical	C. R. Radcliffe	856,181	June 4	1409	297	128	2048
Oiler. Multiple	W. Montfort	860,931	July 23	4029	1103	129	1424
Oiler. Multiple sight-feed	G. B. Essex	855,167	May 28	5648	1175	128	1540
Oiler. Snap-lever	J. H. Deare	852,319	Apr. 30	7242	1520	127	3566
Oiler. Spindle	E. C. Marchant	867,066	Sept. 24	3551	1006	130	1207
Oiler. Wagon	H. Leidy	844,149	Feb. 12	2550	547	126	2463
Oiler. Windmill	L. C. Pond and G. C. Wagner	854,964	May 28	5214	1086-7	128	1431
Oiling apparatus	P. N. Sayers	867,160	Sept. 24	3703	1048	130	1256
Oiling apparatus. Windmill	A. Baldassini	845,676	Feb. 26	5872	1240	126	3365
Oiling device	R. Grieser and F. C. Yates	843,084	Feb. 5	498	104	126	1921
Oiling device	L. D. Grosch	864,163	Aug. 27	3212	889	129	3174
Oiling device. Centrifugal	H. G. Reist	847,203	Mar. 12	2974	655	127	781
Oiling device for feed-grinders	L. B. McCargar	851,767	Apr. 30	6132	1282	127	3285
Oiling device. Saw	H. Schuring	856,734	June 11	2550	524	128	2374
Oiling devices. Joint for telescopic	F. J. Lane	861,993	July 30	5691	1579	129	1982
Oiling machine. Fiber-	F. Spivey	855,025	May 28	5350	1111	128	1464
Ointment	J. W. Nesmith	851,306	Apr. 23	5214	.....	127	3025
Omnigraph	J. W. Earles	847,921	Mar. 19	4459	977	127	1177
Onion-topping machine	P. Jansen	861,857	July 30	5492	1516	129	1921
Open-hearth furnace	T. S. Blair, Jr.	869,617	Oct. 29	3812	1043	130	2582
Opening die	H. H. Welsh, Jr.	853,289	May 14	1802	387	128	505
Operating-handle	E. Beck	845,679	Feb. 26	5877	1240-1	126	3367
Operating mechanism	T. J. Winans	841,606	Jan. 15	3614	786	126	1010
Operating-table	J. H. Downey	861,272	July 30	4580	1250	129	1642
Operating-table	B. D. Thorne	870,324	Nov. 5	709	191-2	131	232
Operating-table. Adjustable	M. Schmidt	859,696	July 9	2133	575-6	129	742
Ophthalmometer	E. P. Brewer	864,769	Sept. 3	6	2-3	130	4
Ophthalmometer	E. B. Meyrowitz	875,278	Dec. 31	6068	1266-7	131	2266
Ophthalmoscope	E. N. Klein	845,099	Feb. 26	4742	1006	126	3085
Optical apparatus	G. Heddon	856,778	June 11	2632	541	128	2395
Optical images. Apparatus for transmitting to a distance real	E. Belin	853,755	May 14	2809	577	128	755
Optical instrument	S. Lake	841,409	Jan. 15	3259	703	126	918
Optical instrument	J. J. Frič	844,012	Feb. 12	2296	492	126	2402
Optical instrument	S. E. Hammar	858,979	July 2	1049	276	129	358
Optical instrument	E. C. Bridge	871,103	Nov. 19	1978	541	131	700
Optical instrument	J. G. Gray	872,120	Nov. 26	4168	996	131	1066
Optical-instrument eyepiece	W. and A. G. Thomson	843,502	Feb. 5	1326	279	126	2125
Optical testing apparatus	J. F. Forth and E. J. Langley	874,179	Dec. 17	3845	810	131	1849
Optical tool	G. E. Schofield	875,383	Dec. 31	6278	1309	131	2299
Opticians' use. Trial-frame for	J. W. C. Smith	855,022	May 28	5345	1110	128	1463
Optometer	W. and A. G. Thomson	843,503	Feb. 5	1327	279	126	2126
Orange lake and making same	R. Kirchhoff	842,560	Jan. 29	5636	.....	126	1586
Oranges and other fruits. Machine for brushing and revolving	W. D. Smith	872,468	Dec. 3	327	67	131	1218
Order-blank holder	P. W. Lyon	870,789	Nov. 12	1464	395	131	508
Ordinance aiming device	S. K. v. Essegby	853,007	May 7	1310	273-4	128	332
Ordinance. Breech-closure for	C. S. Dean	859,438	July 9	1736	463	129	616
Ordinance. Breech-loading	A. T. Dawson and G. T. Buckham	841,637	Jan. 15	3684	799-800	126	1027
Ordinance. Breech-operating mechanism for	S. N. McClean	856,653	June 11	2397	493-4	128	2334
Ordinance. Illuminating attachment for sights for	G. N. Saegmuller	859,115	July 2	1231	330	129	416
Ordinance-sight	H. C. Mustin and G. N. Saegmuller	853,024	May 7	1342	280	128	340
Ordinance sighting apparatus	L. V. Benét and H. A. Mercié	854,558	May 21	4386	909-11	128	1190
Ordinance sighting apparatus	A. T. Dawson and G. T. Buckham	863,593	Aug. 20	2360	645	129	2880
Ore. Apparatus for sintering fine	J. G. Bergquist	853,433	May 14	2137	446	128	580
Ore chlorination	W. V. Lander	841,328	Jan. 15	3100	670	126	877
Ore-classifier	J. V. Dorr	849,379	Apr. 9	1527	309	127	2013
Ore classifier and feeder	M. Christmann	845,395	Feb. 26	5328	1130	126	3231
Ore-classifier. Hydraulic	S. R. Swain	866,402	Sept. 17	2549	711	130	958
Ore-classifier. Hydraulic	S. R. Swain	866,536	Sept. 17	2728	763	130	914
Ore concentrating and separating machine	J. M. Callow and J. W. Neill	859,483	July 9	1799	483	129	636
Ore-concentrating apparatus	A. S. Elmore	865,334	Sept. 3	882	253-4	130	267
Ore-concentrating jig	H. Foust	864,776	Sept. 3	15	5	130	7
Ore-concentrating machine	H. C. Holthoff	840,491	Jan. 8	1427	315	126	410
Ore-concentrating machine	A. H. Stebbins	859,024	July 2	1113	296	129	379
Ore-concentrating table	H. D. McLeod	850,391	Apr. 16	3409	714-15	127	2532
Ore-concentrating table	F. E. Shepard	869,860	Oct. 29	4167	1151	130	2687
Ore-concentrating table	A. Schwarz	871,369	Nov. 19	2559	657	131	789
Ore-concentrator	J. W. Pinder. (Reissue)	12,590	Jan. 8	2642	576-7	126	718
Ore-concentrator	H. P. Taylor. (Reissue)	12,592	Jan. 8	2652	580	126	720
Ore-concentrator	M. Christmann	845,396	Feb. 26	5330	1130-1	126	3231
Ore-concentrator	M. Christmann	845,449	Feb. 26	5427	1151-2	126	3255
Ore-concentrator	A. C. Campbell	847,236	Mar. 12	3025	666	127	793
Ore-concentrator	C. A. Christensen	859,433	July 9	1731	461	129	614
Ore-concentrator	J. C. Tatman	860,500	July 16	3346	917-18	129	1171
Ore-concentrator	P. Brophy	865,859	Sept. 10	1736	483	130	575
Ore-concentrator	A. Guionneau	867,267	Oct. 1	56	17-18	130	1332
Ore-concentrator	J. Algert	868,830	Oct. 22	2566	708	130	2169
Ore-concentrator	J. R. Capps	872,555	Dec. 3	513	107	131	1246
Ore-concentrator	U. S. James	874,364	Dec. 17	4220	889	131	1911
Ore-concentrators. Feed-box for	W. L. and F. S. Card	869,293	Oct. 29	3272	902	130	2415
Ore crusher and pulverizer	A. J. Petter	859,835	July 9	2330	633	129	809
Ore-crushers. Crusher-head for gyratory	C. W. Gutzzeit	870,952	Nov. 12	1734	475	131	592

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Ore crushing and grinding mill	A. L. Engelbach	845,067	Feb. 26	4667	991-2	126	3065
Ore crushing and screening mill	J. Algert	849,037	Apr. 2	840	172-4	127	1802
Ore-cyaniding	W. V. Lander	841,330	Jan. 15	3105	671	126	878
Ore desulfurizing and agglomerating furnace	A. J. Dull and J. Weatherby, Jr.	875,331	Dec. 31	6184	1289	131	2281
Ore-distributor	P. Argall	855,744	June 4	586	120-1	128	1846
Ore-distributor. Radial	P. Argall	855,745	June 4	589	121	128	1847
Ore-distributing device	J. E. Kennedy and F. J. Hobson	846,792	Mar. 12	2155	474	127	578
Ore-feeder	H. Eggers	853,346	May 14	1993	412	128	545
Ore-feeder	G. B. Shipley	863,229	Aug. 13	1826	490-1	129	2686
Ore-feeding mechanism	M. Henson	873,748	Dec. 17	2948	625	131	1708
Ore-granulator	H. S. Bailey	858,495	July 2	227	53-8	129	84
Ore in cars. Device for disintegrating	J. A. Lawler	846,036	Mar. 5	642	135	127	164
Ore-mill	J. Johnson	851,757	Apr. 30	6118	1278-9	127	3282
Ore or sand concentrator	F. A. Wiswell	861,787	July 30	5387	1486	129	1888
Ore-pulp. Filter for separating solutions from	C. L. Buckingham	871,860	Nov. 26	3595	879	131	980
Ore pulverizer and concentrator	O. K. McCutcheon	850,952	Apr. 23	4504	942	127	2848
Ore-reducing furnace	J. T. Jones	866,280	Sept. 17	2368	659	130	803
Ore-reducing furnace	J. McLoughlin	874,527	Dec. 24	4570	959	131	1996
Ore-reducing furnace. Cinnabar-	C. F. Burgess	845,690	Feb. 26	5901	1246	126	3374
Ore-roaster	A. J. Garver	869,360	Oct. 29	3390	932	130	2452
Ore roasting and treating apparatus	M. and A. Dings	849,465	Apr. 9	1684	339	127	2054
Ore-roasting apparatus	R. McKnight	850,039	Apr. 9	2725	572	127	2314
Ore-roasting apparatus. Fusible	A. G. Davis	866,581	Sept. 17	2790	780	130	935
Ore-roasting furnace	G. H. Franklin	847,756	Mar. 19	4099	895	127	1091
Ore-roasting furnace	W. H. Smyth	854,766	May 28	4815	1000-1	128	1327
Ore-roasting furnace. Automatic	W. F. Oesterle	864,330	Aug. 27	3459	963	129	3251
Ore-roasting process	A. R. Wilford	859,420	July 9	1714	456	129	608
Ore. Separating	H. H. Wait	861,782	July 30	5378	1484	129	1886
Ore separating and concentrating machine	W. P. Clifford and W. W. Rankin	853,917	May 14	3147	644	128	837
Ore-separator	M. R. Lyle	840,354	Jan. 1	1155	251	126	306
Ore-separator	L. B. Hunter	843,086	Feb. 5	506	105-6	126	1924
Ore-separator	J. W. Gibson	849,385	Apr. 9	1536	311	127	2016
Ore-separator	L. D. and S. P. Hall	853,782	May 14	2850	586	128	767
Ore-separator	G. W. Wood	859,589	July 9	1969	531	129	691
Ore-separator	J. A. Haralson	867,360	Oct. 1	207	59	130	1376
Ore separator and amalgamator. Combined	C. T. Heisel	858,456	July 2	139	37	129	46
Ore-separator. Magnetic	H. H. Wait	851,046	Apr. 23	4673	982	127	2892
Ore-separator. Magnetic	E. A. Edwards	855,166	May 28	5645	1174	128	1539
Ore-slimer	P. H. Craven	858,262	June 25	5520	1178-9	128	3194
Ore-testing tablet	J. E. Hunsinger	868,270	Oct. 15	1643	464	130	1860
Ore-treating apparatus	T. D. Pitts	854,526	May 21	4321	894	128	1174
Ore-treating apparatus	J. C. Hames	864,642	Aug. 27	3980	1104	129	3416
Ore-treating apparatus	J. W. Boileau	866,570	Sept. 17	2774	776	130	929
Ore washer or concentrator	E. A. Wall	859,354	July 9	1618	432	129	577
Ores and matte. Extracting metallic	E. Günther and R. Franke	875,259	Dec. 31	6028	131	2260	
Ores and separating by-products therefrom. Apparatus for roasting	A. D. Lee	865,309	Sept. 3	836	241-2	130	253
Ores and the subsequent separation of the liquids from the solids. Apparatus for leaching	J. H. Gillies	875,425	Dec. 31	6370	1327-8	131	2312
Ores by the precipitation process. Metallurgical treatment of sulfurous	A. H. Imbert	875,579	Dec. 31	6648	131	2361	
Ores. Chloridizing	J. E. Greenawalt	873,309	Dec. 10	2075	433	131	1528
Ores. Concentrating	A. Schwarz	842,255	Jan. 29	4965	1000	126	1410
Ores. Concentrating	A. Schwarz	871,368	Nov. 19	2555	656-7	131	789
Ores containing lithia. Treating silicious	W. E. Wadman	847,856	Mar. 19	4312	127	1143	
Ores containing nickel. Treatment of	R. W. E. MacIvor	859,776	July 9	2248	129	782	
Ores containing zinc and other volatilizable metals. Treating complex	G. M. Rice	875,381	Dec. 31	6274	1309	131	2298
Ores. Cyanid treatment of	A. Adair	869,287	Oct. 29	3262	130	2414	
Ores. Desulfurizing and agglomerating comminuted	A. J. Dull and J. Weatherby, Jr.	875,332	Dec. 31	6186	1289-90	131	2282
Ores. Desulfurizing and reducing sulfid	E. Dedolph	870,668	Nov. 12	1265	131	446	
Ores. Dressing	O. Witt	856,124	June 4	1296	272	128	2020
Ores. Electrically reducing oxid.	A. J. Petersson	858,621	July 2	451	118	129	158
Ores. Extracting metals from sulfid	R. L. Packard	840,511	Jan. 8	1467	324	126	421
Ores for metallurgical purposes. Forming blocks of	A. Rónay. (Reissue)	12,643	Apr. 30	7435	1560	127	3616
Ores from the rocky constituents thereof. Apparatus for separating the metallic particles of	D. H. Norris	873,586	Dec. 10	2620	552	131	1621
Ores. Leaching	A. Schwarz	871,300	Nov. 19	2418	626	131	766
Ores. Means for separating or classifying	H. E. Wetherbee	856,612	June 11	2323	478	128	2316
Ores preparatory to smelting same. Treatment of	F. Heberlein	844,355	Feb. 19	3010	126	2619	
Ores. Preparing and reducing	E. Pollacsek	854,527	May 21	4323	128	1175	
Ores. Roasting fusible	A. G. Davis	866,580	Sept. 17	2787	780	130	934
Ores. Roasting sulfurous	A. Savelsberg	870,690	Nov. 12	1295	131	455	
Ores. Round buddle for dressing	A. Demuth	869,883	Nov. 5	17	5	131	8
Ores. Separating or classifying	H. E. Wetherbee	856,611	June 11	2321	477	128	2316
Ores. Separating the metallic and rocky constituents of	D. H. Norris	864,856	Sept. 3	147	42	130	46
Ores. Sintering	J. Scott	865,658	Sept. 10	1404	398	130	458
Ores. Sintering	J. Scott	865,659	Sept. 10	1406	398-9	130	458
Ores. Treating	C. E. Baker and A. W. Burwell	841,102	Jan. 15	2667	126	767	
Ores. Treating	C. E. Baker and A. W. Burwell	841,103	Jan. 15	2667	126	767	
Ores. Treating	J. H. Ryan	841,721	Jan. 22	3862	126	1105	
Ores. Treating	C. A. Diehl and W. Koehler	842,139	Jan. 22	4711	126	1315	
Ores. Treating	W. Kemp	846,216	Mar. 5	1002	215	127	254
Ores. Treating	J. W. Boileau	853,575	May 14	2422	504	128	654
Ores. Treating	R. McKnight	858,667	July 2	536	129	186	
Ores. Treating	L. M. Pritchard	861,535	July 30	4996	129	1770	
Ores. Treating	R. McKnight	862,987	Aug. 13	1426	129	2557	
Ores. Treating	F. M. Johnson	873,943	Dec. 17	3331	131	1773	
Ores. Treating refractory	L. V. Atkinson	841,657	Jan. 22	3736	811	126	1072
Ores. Treating vanadium	F. de Lucio	863,076	Aug. 13	1576	129	2606	
Ores. Treatment of sulfid	H. Baker and A. T. Smith	843,986	Feb. 12	2247	481	126	2390
Organ	R. Hope-Jones	849,241	Apr. 2	1251	254-5	127	1908
Organ	C. S. Haskell	860,745	July 23	3739	1024-5	129	1330
Organ-action	J. T. Austin	847,636	Mar. 19	3862	844	127	1036
Organ-action. Automatic	J. W. Davis	845,165	Feb. 26	4856	1030	126	3115

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Organ action. Pipe.....	W. A. Sommerhof.....	862,029	July 30	5731	1591	129	1993
Organ-blowing apparatus.....	I. H. Spencer.....	809,868	Oct. 29	4184	1155	130	2692
Organ. Folding reed.....	H. Faber.....	871,262	Nov. 19	2319	605-6	131	753
Organ key-action.....	J. Binnig.....	850,413	Apr. 16	3447	723	127	2543
Organ-lock. Portable.....	P. P. Bilhorn.....	868,248	Oct. 15	1608	456	130	1847
Organ or the like within human bodies. Instrument for determining the position of an	J. Gillet.....	870,506	Nov. 5	996	271	131	322
Organ. Pedal bass.....	L. D. Morris.....	870,192	Nov. 5	500	136-7	131	164
Organ-pipe.....	F. I. White.....	857,969	June 25	4953	1046	128	3049
Organ-pipe.....	W. E. Haskell.....	871,272	Nov. 19	2342	610	131	756
Organ-pipe.....	A. Gottfried.....	872,931	Dec. 3	1274	272	131	1368
Organ-pipe foot.....	F. McCollum.....	844,613	Feb. 19	3770	795	126	2797
Organ. Reed.....	J. R. England. (Reissue).....	12,670	July 9	2447	665-6	129	842
Organ. Reed.....	W. F. Bultmann.....	866,711	Sept. 24	2996	850	130	1026
Organ-stop action. Combination.....	J. E. Philie.....	867,751	Oct. 8	794	225	130	1575
Organ. Whistle.....	J. O. Earley, Jr.....	847,169	Mar. 12	2889	636	127	760
Organ wind-chests. Means for automatically controlling the supply of air to	J. M. Rosenblatt.....	863,450	Aug. 13	2131	574	129	2780
Organs. Adjustable combination-action for	J. O. Funkhouser.....	850,828	Apr. 16	4250	893	127	2745
Organs. Multipressure bellows for pipe-	P. Wirsching.....	865,467	Sept. 10	1099	313	130	363
Organs or harmoniums. Instrument for playing	J. H. Dawe.....	840,048	Jan. 1	509	111	126	135
Organs, pianos, &c. Balanced key for	R. Rankin.....	866,066	Sept. 17	2063	575	130	705
Organs. Universal wind-chest for pipe-	G. Weickhardt.....	863,768	Aug. 20	2608	721-2	129	2961
Orientation device.....	H. C. Lomb and E. G. Sailer.....	848,757	Apr. 2	271	54	127	1655
Orienting device.....	E. von Bomsdorff.....	865,675	Sept. 10	1432	406	130	467
Ornament.....	M. E. McDonnell.....	874,789	Dec. 24	5073	1069	131	2083
Ornament-fastening device.....	J. L. Paul.....	845,570	Feb. 26	5651	1197	126	3311
Ornaments. Machine for inserting	T. L. Sherman.....	857,839	June 25	4669	991	128	2978
Ornamental article for personal wear.....	M. E. McDonnell.....	873,258	Dec. 10	1967	412	131	1510
Ortho-dioxyphenylethanolamin.....	F. Stolz and F. Flaecher.....	862,675	Aug. 6	957	-----	129	2379
Ortho-dioxyphenylethanolamin. Making	F. Stolz and F. Flaecher.....	862,674	Aug. 6	956	-----	129	2379
Oscillating motor.....	H. W. and J. E. Yost.....	861,690	July 30	5227	1436-7	129	1842
Oscillating-piston engine.....	C. A. Bredsvold.....	872,496	Dec. 3	377	78-9	131	1227
Oscillation-detector.....	L. De Forest.....	867,878	Oct. 8	1002	285	130	1639
Oscillation responsive device.....	L. De Forest.....	867,876	Oct. 8	1000	285	130	1638
Oscillations. Detecting.....	L. De Forest.....	867,877	Oct. 8	1001	285	130	1639
Osteopathic table.....	H. T. Root.....	848,856	Apr. 2	523	104	127	1722
Outlet-box.....	F. W. Erickson.....	848,888	Apr. 2	590	117	127	1740
Outlet-box.....	L. T. La Paugh.....	851,597	Apr. 23	5786	1210	127	3168
Outlet-box.....	L. T. La Paugh.....	851,598	Apr. 23	5787	1210	127	3168
Outlet-box.....	L. T. La Paugh.....	854,045	May 21	3412	704	128	942
Outlet-box.....	L. T. La Paugh.....	854,046	May 21	3414	705	128	942
Outlet-box.....	S. E. Hunting.....	856,640	June 11	2375	488	128	2330
Outlet-box.....	L. W. Bossert.....	858,699	July 2	585	152	129	203
Outlet-box.....	L. W. Bossert.....	858,700	July 2	586	153	129	203
Outlet-box.....	W. H. Colgan.....	860,014	July 16	2632	715	129	935
Outlet-box. Adjustable.....	M. D. Baron.....	855,155	May 28	5628	1171	128	1535
Outlet-box and wall-plate.....	W. P. Ambos.....	847,718	Mar. 19	4021	879	127	1075
Outlet-box, electric conductor.....	R. S. Parsons.....	845,974	Mar. 5	511	105	127	132
Outlet-boxes. Plaster-holder for.....	A. McMurtrie.....	843,962	Feb. 12	2209	472	126	2381
Outlet or junction box. Universal.....	J. L. Gleason.....	864,781	Sept. 3	22	7	130	10
Oven.....	J. J. Murphy.....	849,010	Apr. 2	788	161	127	1788
Oven.....	B. A. Baxter.....	849,360	Apr. 9	1485	302	127	2001
Oven.....	S. Tory.....	851,711	Apr. 30	6041	1262	127	3262
Oven.....	M. Nusser.....	872,144	Nov. 26	4217	1006	131	1075
Oven. Bake.....	J. E. Scott.....	853,323	May 14	1951	403	128	534
Oven. Bake.....	A. E. Suydam.....	860,067	July 16	2711	738-9	129	961
Oven. Baker's.....	W. Tank.....	853,748	May 14	2798	574-5	128	752
Oven. Baker's.....	C. W. Heller.....	858,000	June 25	5025	1061	128	3067
Oven. Baker's.....	M. Richard and W. Scott.....	860,151	July 16	2824	771-2	129	1000
Oven. Baker's.....	W. J. Stoeffler.....	862,417	Aug. 6	515	138	129	2247
Oven. Baking.....	J. D. Nasmith.....	846,046	Mar. 5	662	140	127	169
Oven. Baking.....	E. M. Dixon.....	859,927	July 16	2482	674	129	886
Oven. Baking.....	C. E. Lyst.....	870,977	Nov. 12	1780	484-5	131	606
Oven. Baking.....	F. V. Knauss.....	847,482	Mar. 19	3529	772	127	949
Oven-bottom.....	W. E. Sloan.....	875,124	Dec. 31	5771	1204	131	2216
Oven. Collapsible warming.....	C. Loesch and E. C. McCall.....	866,494	Sept. 17	2670	747-8	130	898
Oven. Continuous-baking.....	F. J. Albrecht.....	858,132	June 25	5287	1123	128	3134
Oven-door.....	D. and C. D. Vollmer.....	859,267	July 9	1471	392	129	529
Oven-door. Bake.....	T. Hitchen.....	859,770	July 9	2235	608	129	778
Oven-door or other stove member. Device for fastening a panel or plate to an	I. Brooke.....	858,855	July 2	862	225	129	297
Oven-doors. Securing means for windows of.....	G. F. Pross.....	860,691	July 23	3660	1003	129	1307
Oven grate. Baker's.....	J. A. Stackhouse.....	857,210	June 18	3447	727	128	2639
Oven-heating device. Baker's.....	A. Robe.....	871,445	Nov. 19	2744	692	131	815
Oven or cooking apparatus. Steaming.....	J. P. Bruck.....	862,443	Aug. 6	571	150-1	129	2268
Oven or stove.....	G. Magnasco.....	865,971	Sept. 10	1900	532	130	623
Oven. Portable.....	W. J. Perry.....	871,819	Nov. 26	3487	854	131	965
Oven. Portable.....	A. B. Kingsland.....	873,558	Dec. 10	2571	541	131	1611
Oven. Rotary baking.....	F. R. Barnheisel.....	858,053	June 25	5136	1086-8	128	3096
Oven-stop.....	L. D. Manchester.....	859,397	July 9	1683	448	129	598
Ovens. Combined bearing and steam-feeding mechanism for rotary bake-	F. R. Barnheisel.....	858,323	June 25	5625	1205	128	3219
Ovens. Flue construction for bake.....	F. R. Barnheisel.....	862,046	July 30	5755	1598-9	129	2002
Ovens. Heat-regulator for.....	J. P. Farmer.....	857,452	June 18	3894	828	128	2750
Overalls.....	C. W. Sweet.....	841,824	Jan. 22	4094	880	126	1166
Overalls.....	G. Eckel and W. H. Tegeder.....	843,876	Feb. 12	2048	438	126	2340
Overalls.....	L. Rutenbeck.....	849,268	Apr. 2	1305	265	127	1920
Overalls.....	M. Johnson.....	850,013	Apr. 9	2680	562	127	2304
Overalls.....	J. A. Sommers.....	872,089	Nov. 26	4111	983	131	1056
Overcheck-runner and gag-holder.....	H. M. Applegate.....	842,992	Feb. 5	305	66	126	1866
Overhead carrier.....	A. Hannaford.....	852,784	May 7	838	168	128	214
Overseaming-machines. Presser-foot for.....	R. G. Woodward.....	875,640	Dec. 31	6878	1435	131	2382
Overshoe.....	S. Schwarzschild.....	858,031	June 25	5081	1076	128	3080
Overshoe.....	N. P. Bowler.....	858,565	July 2	341	85	129	122
Overshoe.....	H. Metz.....	863,549	Aug. 13	2278	621	129	2824

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Overshoe	S. Schwarzschild	868,135	Oct. 15	1443	405	130	1796
Overshoe	J. D. Price	873,602	Dec. 10	2657	560	131	1627
Overshoe-clamp	E. W. Waltz	864,216	Aug. 27	3295	914	129	3202
Overshoe-holder	W. H. Tillson	841,282	Jan. 15	2998	652	126	849
Overshoe-holder	N. P. Jensen	868,567	Oct. 15	2117	592	130	2003
Overshoe-holder	G. W. Dopkins	873,928	Dec. 17	3299	705	131	1767
Overshoe-retainer	G. E. Zeigler	856,505	June 11	2099	431	128	2260
Overshoe-retainer	R. F. Fraizer	874,951	Dec. 31	5438	1137	131	2161
Overshoe, Rubber	J. D. Price	866,598	Sept. 17	2824	792	130	944
Oxids. Making metallic	J. W. Bailey	846,444	Mar. 12	1466	326-7	127	400
Oxids. Manufacturing metallic	J. H. Montgomery	849,555	Apr. 9	1877	382	127	2102
Oxids. Production of active matter for accumulators with mixed	H. Fredet	854,940	May 28	5172		128	1421
Oxids. Reducing refractory	K. A. Kühne	861,129	July 23	4342		129	1527
Oxyalkyl derivative of the xanthin bases	R. Berendes and F. Herwig	874,825	Dec. 24	5134		131	2094
Oxygen-generating apparatus	R. von Foregger	867,964	Oct. 15	1189	328	130	1718
Oxygen. Producing	A. Janet	874,596	Dec. 24	4695	987	131	2019
Oxyhemoglobin. Making a solution of	W. J. J. Hendrikszoon	840,326	Jan. 1	1078		126	288
Oyster-carrier	F. M. Elledge	865,772	Sept. 10	1581	446	130	515
Oyster-dredge hoist	J. P. Kemp	855,184	May 28	5682	1182	128	1548
Oyster-dredges. Means for operating	W. C. Todd	871,007	Nov. 12	1816	496	131	618
Oyster-opening apparatus	J. Jacobsen	864,169	Aug. 27	3219	891	129	3176
Oyster-shucking machine	E. L. Torsch and J. H. Parker	848,784	Apr. 2	329	67-8	127	1670
Oysters. Shucking	E. L. Torsch and J. H. Parker	848,608	Mar. 26	5785	1262-3	127	1544
Ozonizer	H. N. Potter	854,965	May 28	5219	1087	128	1432
Package	C. P. Mitchell	856,173	June 4	1392	293	128	2044
Package and holder for garments or the like. Shipping	M. M. Strauss	854,062	May 21	3460	713	128	955
Package. Banana-	W. Bell	857,435	June 18	3861	820	128	2742
Package-carrier	J. W. Clark	857,720	June 25	4429	935-6	128	2917
Package. Fabric-shipping	W. L. Penney	852,397	Apr. 30	7412	1555	127	3609
Package-fastener	P. R. Le Boeuf	875,442	Dec. 31	6397	1334	131	2318
Package-feeding machine	L. M. Nielsen	869,725	Oct. 29	3973	1098-9	130	2629
Package for implements	A. W. Stephens	857,767	June 25	4527	955	128	2942
Package gripper and holder	J. P. Fell	867,961	Oct. 15	1185	327	130	1717
Package-handling device	W. R. Dennis	840,966	Jan. 8	2412	528	126	656
Package. Label-	C. F. Fehrenbach	856,689	June 11	2462	506	128	2351
Package. Sensitive-plate	P. Torral	874,644	Dec. 24	4795	1007	131	2036
Package. Shipping-	C. G. Watson	870,603	Nov. 12	1147	313	131	406
Package-tie	F. S. Peck	842,240	Jan. 29	4940	1054	126	1404
Package-tie	O. S. White	873,192	Dec. 10	1849	387	131	1490
Package-tie	O. S. White	873,193	Dec. 10	1850	387	131	1490
Packages of merchandise. Device for holding	G. G. Rohrsen	844,690	Feb. 19	3925	830	126	2837
Packaging-machine	E. Stanley	869,664	Oct. 29	3877	1062-9	130	2601
Packaging materials. Machine for	G. A. Lee	872,521	Dec. 3	427	88-91	131	1234
Packing	F. McCarthy	842,230	Jan. 29	4917	1049	126	1399
Packing	C. Restein	843,630	Feb. 12	1599	338	126	2227
Packing	S. Holmes	850,001	Apr. 9	2666	558	127	2301
Packing	M. Collins	853,003	May 7	1305	272	128	331
Packing	C. B. Shepard	854,672	May 21	4596	959	128	1244
Packing	W. B. Sanders	856,605	June 11	2309	475	128	2313
Packing	C. Restein	859,253	July 9	1451	387	129	522
Packing	L. H. Martell	862,494	Aug. 6	662	177-8	129	2293
Packing	J. H. Nash and R. H. Briggs, Jr.	863,205	Aug. 13	1779	478	129	2671
Packing	L. H. Martell	863,619	Aug. 20	2399	660	129	2894
Packing	J. L. Sackett	864,996	Sept. 3	368	99	130	116
Packing	W. F. Taylor	866,696	Sept. 24	2978	844	130	1021
Packing	J. W. Shields	868,136	Oct. 15	1444	406	130	1797
Packing and display device	S. R. Slaymaker	855,070	May 28	5452	1130-1	128	1491
Packing and labeling machine	W. R. Landfear	868,191	Oct. 15	1510	428-30	130	1817
Packing and producing same. Wire-rope	B. Brazelle	870,615	Nov. 12	1163	317	131	411
Packing-bin for fruit, &c. Adjustable	C. F. Mathers and A. R. Stevens	863,572	Aug. 13	2307	631-2	129	2832
Packing-box	C. P. McMullen	859,326	July 9	1573	418	129	563
Packing-box	C. P. McMullen	859,329	July 9	1579	419	129	565
Packing-box and stand. Combined	A. Hendricks	849,999	Apr. 9	2662	558	127	2300
Packing. Car-axle journal-box	J. Burton	859,738	July 9	2187	592	129	760
Packing carrier. Sheet-	E. B. Thayer	846,962	Mar. 12	2506	552	127	667
Packing-case	W. P. Fitzgerald	848,889	Apr. 2	592	118	127	1740
Packing-case	W. D. Ballou	862,533	Aug. 6	736	197	129	2312
Packing-case	A. R. Speer	869,463	Oct. 29	3553	974	130	2503
Packing-case	J. H. S. Johnson	873,866	Dec. 17	3194	680	131	1748
Packing-case. Disjointable	T. K. Overgaard	847,598	Mar. 19	3764	825	127	1012
Packing-case. Sheet-metal	A. T. Kruse	851,097	Apr. 23	4770	1003	127	2914
Packing-case. Sheet-metal	A. T. Kruse	870,728	Nov. 12	1357	297	131	476
Packing-case. Sheet-metal	A. T. Kruse	872,998	Dec. 3	1420	371	131	1391
Packing. Conical-ring rod	T. W. Mitchell	854,589	May 21	4446	924	128	1204
Packing device. Rotary	F. L. Gregory	860,656	July 23	3612	990	129	1291
Packing device. Water-gage	J. C. Wands	868,377	Oct. 15	1826	514	130	1911
Packing. Expanding piston	A. F. Ballard	847,455	Mar. 19	3482	762	127	937
Packing for doors and like closures	W. H. Carter	847,553	Mar. 19	3669	810	127	988
Packing for pumps for oil-wells, &c	F. M. Kleckner	861,127	July 23	4339	1190	129	1526
Packing for rocking or rotating rods or shafts. Metallic	A. D. Morris	840,358	Jan. 1	1162	252	126	307
Packing for rotary blower-shafts	T. W. Green	853,632	May 14	2549	528	128	687
Packing for rotary motors	J. Wilkinson	861,926	July 30	5586	1543-4	129	1949
Packing for rotary stems	A. W. Gray	841,960	Jan. 22	4345	937	126	1226
Packing for rotating machine parts	R. Schulz	849,576	Apr. 9	1910	391	127	2111
Packing for turbines. Shaft-	J. Wilkinson	872,396	Dec. 3	156	30	131	1192
Packing former and replacer. Piston-	J. J. Hannon	853,973	May 21	3270	671-2	128	907
Packing. Hydraulic	C. F. Rigby	854,239	May 21	3812	787	128	1046
Packing. Lubricant-seal shaft-	J. W. Smith	862,117	July 30	5899	1633	129	2046
Packing-machine	E. L. Bracy	843,323	Feb. 5	994	204-5	126	2041
Packing-machine	H. Talley	849,437	Apr. 9	1620	329	127	2038
Packing-machine	R. Hoyt	859,772	July 9	2237	609-10	129	779
Packing-machine	C. F. Bissinger	862,303	Aug. 6	329	92	129	2185
Packing-machine	E. C. Lovell	871,284	Nov. 19	2379	616-18	131	761

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Packing. Manufacture of	L. E. Adams	860,720	July 23	3707	1015	129	1320
Packing. Metallic	F. McCarthy	843,230	Feb. 5	809	166	126	1999
Packing. Metallic	C. C. Hageman	851,746	Apr. 30	6101	1275	127	3277
Packing. Metallic	W. M. Brooke	854,400	May 21	4086	845	128	1116
Packing. Metallic	G. D. Rollins	856,103	June 4	1240	261	128	2005
Packing. Metallic	E. M. Cook	857,030	June 18	3096	653	128	2550
Packing. Metallic	H. Thompson	858,119	June 25	5266	1118	128	3129
Packing. Metallic	R. J. Harper	862,248	Aug. 6	225	62	129	2152
Packing. Metallic	E. M. Cook	865,998	Sept. 17	1949	544	130	670
Packing. Metallic	W. H. Law	869,374	Oct. 29	3409	937	130	2458
Packing. Metallic	E. M. Cook	873,507	Dec. 10	2458	518	131	1594
Packing. Metallic piston	N. Pfauum	840,250	Jan. 1	926	203	126	251
Packing. Metallic piston	W. Hoey	846,668	Mar. 12	1922	423	127	519
Packing. Metallic rod	E. A. Bryant	852,701	May 7	664	129	128	174
Packing or gasket	E. L. Perry	854,234	May 21	3801	784	128	1043
Packing or the like. Device for cutting piston	T. E. Jones	842,556	Jan. 29	5628	1190	126	1584
Packing-pad	J. D. Freese	874,494	Dec. 24	4480	944	131	1986
Packing. Paste	J. Whitcomb	843,187	Feb. 5	717	126	1974	
Packing. Piston	J. J. Redner	839,890	Jan. 1	174	39	126	49
Packing. Piston	J. J. McGee	840,793	Jan. 8	2014	445	126	557
Packing. Piston	R. R. Spears	856,992	June 11	3016	635	128	2489
Packing. Piston	C. P. McMullen	859,328	July 9	1578	419	129	565
Packing. Piston-rod	H. W. Lee	844,525	Feb. 19	3364	726	126	2705
Packing. Piston-rod	E. G. Bostwick	848,533	Mar. 26	5627	1232	127	1504
Packing. Piston-rod	W. Hillman	850,159	Apr. 16	2966	622	127	2414
Packing. Piston-rod	G. Rothenbacher	856,303	June 11	1684	349	128	2154
Packing. Piston-rod	L. H. Martell	859,609	July 9	1997	539	129	701
Packing. Piston-rod	L. H. Martell	863,196	Aug. 13	1766	475	129	2667
Packing. Piston-rod	A. C. Schaefer	871,068	Nov. 12	1899	520	131	644
Packing. Piston-rod	R. E. L. Martin	875,363	Dec. 31	6244	1302	131	2292
Packing. Protected elastic	A. N. Hartmann	859,813	July 9	2294	624	129	796
Packing. Pump piston	J. J. McGee	875,095	Dec. 31	5718	1192	131	2207
Packing-ring	A. E. Sparrow	839,900	Jan. 1	200	44	126	56
Packing-ring. Metal steam	W. Baker	870,709	Nov. 12	1323	362	131	465
Packing-ring. Piston	J. Kritzler	865,402	Sept. 10	997	285	130	332
Packing. Rod	A. W. Frances	849,115	Apr. 2	1013	205-6	127	1847
Packing. Rod	O. J. Garlock	852,714	May 7	687	133	128	180
Packing. Rod	O. J. Garlock	854,287	May 21	3892	802	128	1067
Packing. Rod	W. Sudekum	858,037	June 25	5090	1078	128	3083
Packing. Rod	O. J. Garlock	862,899	Aug. 13	1304	354	129	2517
Packing. Rod	T. A. Johnston	872,132	Nov. 26	4194	1002	131	1071
Packing. Rod	O. J. Garlock	875,574	Dec. 31	6637	1389	131	2359
Packing. Sectional metallic	E. W. Tucker	862,946	Aug. 13	1375	373	129	2541
Packing. Self-acting membrane	P. Wirsching	840,408	Jan. 1	1256	275	126	329
Packing. Shaft	F. T. Nolan	846,237	Mar. 5	1039	223	127	264
Packing. Shaft	C. L. Cook	846,283	Mar. 5	1120	243	127	284
Packing. Shaft	A. H. Eddy	853,506	May 14	2295	475	128	623
Packing. Shaft	F. Samuelson	874,995	Dec. 31	5524	1153	131	2175
Packing. Sheet	J. Ostrander	871,178	Nov. 19	2142	572	131	725
Packing. Steam-turbine shaft	C. V. Kerr	860,035	July 16	2659	723	129	944
Packing. Steam-turbine shaft	J. L. Moore	860,049	July 16	2681	729	129	952
Packing-strips. Machine for making	W. Dichmann	855,235	May 28	5774	1202-3	128	1573
Packing. Stuffing-box metallic	J. C. W. Weber	869,536	Oct. 29	3665	1004	130	2537
Packing. Turbine-shaft	J. L. Moore	845,701	Feb. 26	5917	1250	126	3377
Packing valve-rods or shafts under pressure. Means for	O. E. Leib and E. B. Witte	863,409	Aug. 13	2075	560	129	2765
Packing. Valve-stem	L. W. Eggleston	849,837	Apr. 9	2392	488	127	2234
Packs. Opening	G. D. Evans	874,753	Dec. 24	5009	1055-6	131	2071
Packs. Treating	C. W. Bray	874,732	Dec. 24	4980	1047	131	2065
Pad:							
See Account and shipping	Inking-pad.						
pad	Ironing-pad.						
Bell-pad	Knee-pad.						
Blotter-pad	Lubricating-pad.						
Blotting-pad	Manifold-pad.						
Collar-pad	Manifolding-pad.						
Duplicating-pad	Moistener-pad.						
Garment-pad	Packing-pad.						
Harness-pad	Piano-protecting pad.						
Heating-pad	Recoil-pad.						
Hoof-pad	Sanitary pad.						
Hoof-expanding pad	Table-pad.						
Horseshoe-pad	Truss-pad.						
Ink-pad							
Pad	J. L. Scott	860,498	July 16	3342	916	129	1169
Pad-cover	G. F. Stewart	871,965	Nov. 26	3821	926	131	1015
Pad-covers. Machine for making	G. F. Stewart	871,963	Nov. 26	3807	924-5	131	1014
Pad-covers. Making	G. F. Stewart	871,966	Nov. 26	3823	927	131	1015
Pad for suspenders and other articles	F. R. Batchelder	861,936	July 30	5602	1548	129	1953
Pad-holding clip	K. Jelalian	840,627	Jan. 8	1700	373	126	480
Paddle and pick-pole. Combined	W. Moriarty	864,250	Aug. 27	3343	927	129	3217
Paddle-wheel	L. P. Biggers	853,055	May 7	1396	291	128	355
Paddle-wheel for boats	F. D. Joy	847,481	Mar. 19	3526	772	127	948
Padlock	F. W. Schroeder	844,412	Feb. 19	3121	669	126	2645
Padlock	S. J. Jacobson	845,358	Feb. 26	5259	1115	126	3215
Padlock	D. H. Owens	845,662	Feb. 26	5847	1234	126	3559
Padlock	C. A. Chubb	848,633	Apr. 2	22	6	127	1590
Padlock	P. C. Ryan	860,333	July 16	3099	846	129	1089
Padlock	M. Ackerman	862,690	Aug. 6	981	262	129	2386
Padlock	P. D'Angelo	863,053	Aug. 13	1524	413	129	2589
Padlock	J. B. Miller	863,868	Aug. 20	2763	760	129	3010
Padlock	C. E. Johnson	864,743	Aug. 27	4139	1149	129	3464
Padlock	J. A. Giese	866,013	Sept. 17	1971	530	130	676
Padlock	A. F. Bardwell	869,475	Oct. 29	3573	979	130	2509
Padlock	C. E. Johnson. (Reissue)	12,716	Nov. 5	1037	283	131	335
Padlock. Combination	N. Tobias	864,394	Aug. 27	3554	987-8	129	3281

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Padlock. Keyless	G. W. Kone	861,991	July 30	5689	1578	129	1981
Padlock. Keyless	J. Kruse	870,890	Nov. 12	1618	443-4	131	556
Padlock. Permutation	M. J. O'Leary	852,291	Apr. 30	7189	1510	127	3554
Padlock. Permutation	I. Williams and W. H. Garland	853,569	May 14	2410	502	128	652
Padlock. Permutation	H. Handler	857,935	June 25	4855	1027	128	3022
Padlock. Seal	F. Abrams	856,197	June 11	1447	305	128	2093
Padlock. Seal	J. B. Orbison, F. C. Kingsbury, and A. J. Pray	855,313	Sept. 3	845	243	130	257
Pail	J. W. Nichols	863,627	Aug. 20	2413	663	129	2898
Pail and heater. Dinner	E. F. Hayes	873,232	Dec. 10	1910	401	131	1501
Pail-clamp	J. P. Stenstrom	855,540	June 4	178	37	128	1739
Pail. Collapsible	J. L. Morrison	855,963	June 4	1001	210	128	1946
Pail-earing machine	P. W. Fulford and C. Stecher	864,529	Aug. 27	3795	1054	129	3360
Pail for lard, &c. Sheet-metal	J. Danz, 2d	872,992	Dec. 3	1405	295	131	1389
Pail holder. Milk	I. Otis	868,692	Oct. 22	2352	652	130	2104
Pail holder. Milk	A. J. Hurd	874,078	Dec. 17	3670	772	131	1817
Pail. Milk	J. J. Noltz	844,614	Feb. 19	3771	795	126	2797
Pail. Milk	G. Thomas	846,261	Mar. 5	1078	233	127	275
Pail. Milk	T. J. Hopkins	856,585	June 11	2267	466	128	2302
Pail or bucket. Sap	J. Hall	864,421	Aug. 27	3591	998	129	3294
Pail-support	A. W. McIntyre	844,175	Feb. 12	2600	557	126	2475
Pail support. Milk	W. C. Webb	862,428	Aug. 6	542	145	129	2258
Pail support. Milk	E. A. Blue	870,613	Nov. 12	1161	316	131	411
Paint	J. F. Villard	847,384	Mar. 19	3335		127	898
Paint	G. W. Allen	862,692	Aug. 6	984		129	2386
Paint	E. H. Wykoff and G. R. Rishel	869,123	Oct. 22	3006		130	2305
Paint and varnish remover	J. F. Dickson	853,685	May 14	2659		128	718
Paint and varnish remover	W. S. Hanna and J. D. Bryant	870,508	Nov. 5	999		131	323
Paint and varnish remover	J. F. Dickson	871,790	Nov. 26	3425		131	956
Paint and varnish remover and making same. Stripping	P. T. Austen, F. J. Maywald, and F. X. Govers	871,730	Nov. 19	3323		131	912
Paint and varnish. Removing	J. M. Wilson	872,314	Nov. 26	4550	1077	131	1129
Paint and varnish. Removing	C. J. Fess	872,561	Dec. 3	522	109	131	1248
Paint-can	R. Weiss	865,463	Sept. 10	1092	311	130	362
Paint colors to articles and materials. Making and applying decorative	J. W. Bothwell	846,774	Mar. 12	2121		127	570
Paint compound	J. C. Perry	858,824	July 2	815		129	282
Paint compound	A. A. Ebersson	862,888	Aug. 13	1289		129	2513
Paint compound	C. J. McLennan	872,960	Dec. 3	1346		131	1378
Paint for ships' bottoms	G. G. Schobert	854,241	May 21	3814		128	1046
Paint-line and awl holder	W. N. Cavleer	842,858	Feb. 5	33	7	126	1798
Paint or coating composition	J. C. Jepson	868,442	Oct. 15	1932	540	130	1943
Paint or varnish. Composition for removing	S. P. Sadtler	871,525	Nov. 19	2922		131	842
Paint-remover	M. Toch	871,195	Nov. 19	2179		131	730
Paint-remover and making the same	P. T. Austen and F. J. Maywald	846,080	Mar. 5	746		127	190
Paint-remover and making the same	F. X. Govers	868,920	Oct. 22	2701		130	2211
Paint-remover and making the same	F. X. Govers	869,176	Oct. 22	3080		130	2329
Paint-removers. Applying	C. Ellis	875,163	Dec. 31	5843	1220	131	2228
Paint-tool. Pneumatic	E. F. Hulbert	862,164	Aug. 6	77	22	129	2109
Paint-tube	T. Götze	850,220	Apr. 16	3095	647	127	2448
Paint. Waterproof	R. Plönis	858,536	July 2	292		129	103
Painted. Stand for revolvably supporting articles to be	J. S. Anthony, Jr.	855,219	May 28	5741	1195	128	1563
Painter's stripping and stenciling wheel	C. L. Garrecht	840,308	Jan. 1	1042	228	126	279
Painter's utensil	C. Fischer	854,638	May 21	4525	945	128	1224
Painting implement	F. Tuttle	842,504	Jan. 29	5523	1170	126	1562
Painting machine. Sign	W. A. Augustine	852,692	May 7	650	125	128	170
Painting. Making a design	E. D. Roberts, Jr.	855,812	June 4	716	148	128	1876
Painting. Sign	T. Munnecke	846,233	Mar. 5	1033	221	127	263
Paintings. Producing facsimiles of oil	H. F. Gribble	861,025	July 23	4194	1149	129	1477
Pallet-setting implement	J. B. Bouchard	848,084	Mar. 26	4788	1044	127	1296
Pan:							
See Ash-pan.	Frosting or icing pan.						
Bake-pan.	Frying-pan.						
Baking-pan.	Locomotive ash-pan.						
Bed-pan.	Miner's pan.						
Cooking-pan.	Miner's gold-pan.						
Dish and drip pan.	Pie-pan.						
Drip-pan.	Roasting-pan.						
Dust-pan.	Surgeon's operating-pan.						
Egg-poaching pan.	pan.						
Evaporating-pan.	Vacuum-pan.						
Pan and vessel lifter. Adjustable	A. M. Mendelson	844,528	Feb. 19	3373	727	126	2707
Pan guard or extension. Baking	M. B. Smith	848,698	Apr. 2	158	33	127	1627
Pan-lid	W. C. Vernon	851,969	Apr. 30	6565	1367	127	3397
Pan-lifter	C. F. Skoog	862,416	Aug. 6	514	138	129	2246
Pan-lifter	W. R. Ogden	867,070	Sept. 24	3558	1007	130	1209
Pan lifter. Pie	J. Ray	872,683	Dec. 3	768	160	131	1289
Pan-support	R. P. Cook	852,223	Apr. 30	7081	1480	127	3528
Pan-supporting rack	E. F. Buergermeister and E. E. Flicke	841,116	Jan. 15	2588	587	126	772
Pane-attaching means	R. C. Fingal and T. Fabrin	849,112	Apr. 2	1009	204	127	1846
Panel-board	H. Krantz	871,348	Nov. 19	2522	648	131	783
Panel-board. Metering	A. C. McWilliams	850,174	Apr. 16	2996	628	127	2421
Panel-board. Metering	A. C. McWilliams	872,670	Dec. 3	739	154	131	1284
Panel-boards and the like. Construction for	H. Krantz	854,654	May 21	4558	952	128	1232
Pants	G. M. Therre	845,488	Feb. 26	5518	1169	126	3278
Pants-creaser	J. H. Pearson	850,046	Apr. 9	2736	574	127	2316
Pants-protector	M. E. L. Bergen	860,187	July 16	2875	785	129	1015
Paper	E. L. White	852,918	May 7	1131		128	288
Paper	T. Scherf	860,697	July 23	3672	1006	129	1310
Paper and fabric rolls. Core for	C. L. Crane	842,862	Feb. 5	43	9	126	1800
Paper and other materials. Machinery for cutting and folding	E. H. Cottrell	856,571	June 11	2240	460	128	2295
Paper and paper-board	C. Esser	844,657	Feb. 19	3856		126	2819
Paper and producing same. Manifold	E. E. Linfoot. (Reissue)	812,673	July 16	3558	976	129	1239
Paper and producing the same. Manifold	E. E. Linfoot	871,172	Nov. 19	2131	570	131	723

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Paper and textile goods. Roll for finishing	E. A. Rusden	843,700	Feb. 12	1718	366	126	2257
Paper and the like. Apparatus for coloring roll-	F. C. Wickel	872,777	Dec. 3	957	200	131	1319
Paper and the like rack. Tissue-	W. A. Blackman	843,387	Feb. 5	1098	227-8	126	2068
Paper bag	H. E. J. Hartmann	866,275	Sept. 17	2361	656	130	800
Paper bag	C. Underwood	875,224	Dec. 31	5971	1243-4	131	2249
Paper-bag holder	W. E. Morrow	853,185	May 7	1619	338	128	408
Paper-bag holder	F. D. White	874,143	Dec. 17	3780	796-7	131	1837
Paper-bag locking-hanger	R. Munday	868,286	Oct. 15	1668	472	130	1866
Paper-bag machine	W. A. Lorenz	840,073	Jan. 1	565	123-4	126	150
Paper-bag machine	E. E. Claussen	844,329	Feb. 19	2954	629	126	2604
Paper-bag machine	W. A. Lorenz	847,191	Mar. 12	2933	645-6	127	770
Paper-bag machine	W. A. Lorenz	847,192	Mar. 12	2938	646-7	127	771
Paper-bag machine	W. A. Lorenz	847,193	Mar. 12	2943	648-9	127	772
Paper-bag machine	W. A. Lorenz	847,194	Mar. 12	2951	649-50	127	775
Paper-bag machine	W. A. Lorenz	847,195	Mar. 12	2957	651-2	127	777
Paper-bag machine	F. E. Strasburg	847,264	Mar. 12	3076	677-80	127	807
Paper-bag machine	W. A. Lorenz	847,957	Mar. 19	4524	994-5	127	1193
Paper-bag machine	W. A. Lorenz	847,958	Mar. 19	4529	995-6	127	1194
Paper-bag machine	W. A. Lorenz	847,959	Mar. 19	4534	996-7	127	1195
Paper-bag machine	M. Schenck	850,605	Apr. 16	3820	797-8	127	2637
Paper-bag machine	W. H. Cline	853,918	May 14	3150	645	128	838
Paper-bag machine	W. A. Lorenz. (Reissue)	12,651	May 14	3210	657-8	128	853
Paper-bag machine	E. C. Westervelt	858,047	June 25	5123	1083-4	128	3092
Paper-bag machine	F. Tyson	859,416	July 9	1709	455	129	606
Paper-bag machine	W. A. Lorenz	860,040	July 16	2667	724-5	129	948
Paper-bag machine	W. A. Lorenz	860,041	July 16	2669	726-7	129	948
Paper-bag machine	W. A. Lorenz	860,042	July 16	2672	727-8	129	949
Paper-bag machine	W. A. Lorenz	863,731	Aug. 20	2546	704	129	2941
Paper-bag machine	C. F. Smith	864,435	Aug. 27	3620	1004-7	129	3305
Paper-bag-making apparatus	O. Hesser	870,801	Nov. 12	1480	399-406	131	514
Paper-bag-making machine	O. Hesser	875,526	Dec. 31	6548	1366-9	131	2344
Paper-bag-manufacturing device	O. Hesser	865,779	Sept. 10	1589	449-51	130	517
Paper barrel	T. Hugo	867,067	June 18	3173	698	128	2572
Paper-board. Means for drying or curing	E. P. Everett	872,918	Dec. 3	1254	268	131	1364
Paper box	T. W. McFarland	846,337	Mar. 5	1230	271	127	310
Paper box	H. L. R. Wolf	840,814	Jan. 8	2044	452	126	564
Paper box	G. R. Wyman	873,335	Dec. 10	2136	446	131	1537
Paper-box-blank-making machine	G. W. Swift, Jr.	875,011	Dec. 31	5557	1161	131	2180
Paper box. Folding	J. W. Denmead	871,487	Nov. 19	2831	712-13	131	829
Paper box. Folding	A. M. Rhodes	861,899	July 30	5551	1531	129	918
Paper-box machine	C. F. Raynaud	871,767	Nov. 19	3371	827	131	918
Paper-box machine	C. C. Davis	841,075	Jan. 8	2576	564-5	126	699
Paper-box machine	E. N. Rowell and J. Little	844,190	Feb. 12	2626	562-5	126	2482
Paper-box machine	A. W. Mitchell	847,093	Mar. 12	2753	607-9	127	725
Paper-box machine	A. W. Mitchell	852,974	May 7	1241	255-6	128	316
Paper-box machine	G. R. Wyman	853,613	May 14	2509	520-1	128	678
Paper-box machine	I. W. Hollett	862,161	Aug. 6	64	20-1	129	2101
Paper-box machine	A. W. Mitchell	862,835	Aug. 6	1210	326	129	2454
Paper-box-machine cutting mechanism	A. W. Mitchell	853,714	May 14	2712	560	128	732
Paper-box-machine paster	E. H. Taylor	862,031	July 30	5735	1592	129	1994
Paper-box-making machine	E. Jagenberg	848,656	Apr. 2	69	16	127	602
Paper-box-topping machine	H. A. Bowen	840,901	Jan. 8	2230	491	126	1610
Paper boxes. Machine for forming and applying wire bails to	C. D. Grimes	872,176	Nov. 26	4274	1021-2	131	1085
Paper boxes. Making	E. H. Taylor	858,233	June 25	5477	1168	128	3183
Paper boxes, &c. Stay for	E. W. Allen	851,583	Apr. 23	5761	1204	127	3162
Paper, cardboard, or other stock. Machine for cutting	C. D. Bradt	840,553	Jan. 8	1546	341	126	440
Paper-cigarette machine	N. Du Brul	844,783	Feb. 19	4123	878-80	126	2889
Paper cleaner. Wall-	J. M. McIntosh	869,931	Nov. 5	82	24	131	28
Paper-clip	C. R. Mueller	848,762	Apr. 2	280	57	127	1658
Paper-clip	C. Spiro	857,418	June 18	3829	812	128	2734
Paper-clip	J. R. Day	860,856	July 23	3904	1070	129	1385
Paper-clip p	C. A. Shields	862,025	July 30	5726	1590	129	1992
Paper-clip	J. L. Perkins	864,254	Aug. 27	3349	928-9	129	3218
Paper-clip	J. H. Alter	868,747	Oct. 22	2441	676	130	2130
Paper-clip. Wire	W. L. Curtis	874,572	Dec. 24	4653	977	131	3011
Paper-coating machine	F. Klousnitzer	845,648	Feb. 26	5808	1227	126	3350
Paper-coating machine	M. Cantine	858,149	June 25	5325	1132	128	3144
Paper-coating machine	M. Cantine	875,241	Dec. 31	6002	1251-2	131	2254
Paper-coating machines. Brush-holder for	J. B. Morrow	859,571	July 9	1941	523	129	682
Paper coating or treating machine	H. P. Hilbert	873,126	Dec. 10	1718	358-9	131	1469
Paper container and cutter. Roll-	S. M. Ramsey	851,835	Apr. 30	6286	1311	127	3327
Paper-cutter	W. H. Golding	851,413	Apr. 23	5421	1135	127	3078
Paper-cutter	C. L. Smith	875,630	Dec. 31	6857	1430-1	131	2379
Paper-cutter attachment. Roll-	F. H. Maass	855,321	May 28	5923	1236	128	1609
Paper-cutter for duplex shell-machines	J. Chesney	852,168	Apr. 30	6982	1457	127	3503
Paper cutting and perforating machine	S. Wheeler	842,986	Feb. 5	288	62	126	1863
Paper-cutting device	M. H. Ballard	859,191	July 9	1356	360	129	488
Paper-cutting machine	E. Z. Taylor	865,809	Sept. 10	1638	463-4	130	533
Paper-cutting machine	C. Seybold	866,739	Sept. 24	3051	860	130	1053
Paper-cutting machine	T. C. Dexter	871,572	Nov. 19	3006	749	131	857
Paper-cutting machine	T. C. Dexter	871,573	Nov. 19	3008	749-50	131	858
Paper-cutting-machine gage	G. Nelson	870,578	Nov. 12	1105	302	131	391
Paper-cutting machines. Paper-folding attachment for	J. Brannan	840,470	Jan. 8	1373	305	126	399
Paper dish	I. Bertin	846,975	Mar. 12	2528	557	127	673
Paper-dispensing cabinet. Toilet-	A. H. Scott	863,662	Aug. 20	2456	676	129	2912
Paper-fastener	G. Boden	843,128	Feb. 5	594	126	126	1946
Paper-fastener	J. P. Stelle	843,184	Feb. 5	710	148	126	1973
Paper-fastener	H. Born	850,899	Apr. 23	4413	923	127	2827
Paper-fastener	L. B. Ware	860,426	July 16	3238	886	129	1133
Paper-fastener. Metallic	G. W. McGill	857,748	June 25	4488	947	128	2933
Paper-feeding device	M. H. Ballard	847,977	Mar. 19	4570	1004	127	1203
Paper-feeding machine	W. Scott	850,104	Apr. 9	2855	598	127	2347
Paper-feeding machine	T. C. Dexter	850,821	Apr. 16	4236	889-91	127	2742
Paper-feeding machine	W. Scott	863,321	Aug. 13	1956	527	129	2725

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Paper-feeding machine.....	A. B. Graham.....	871,498	Nov. 19	2852	717-19	131	832
Paper-feeding mechanism.....	E. B. Cram.....	847,166	Mar. 12	2884	635	127	759
Paper-feeding mechanism.....	C. Williams.....	856,122	June 4	1287	270-1	128	2017
Paper-feeding mechanism.....	S. M. Hawley.....	860,026	July 16	2649	720	129	941
Paper-feeding mechanism.....	A. S. Allen.....	868,317	Oct. 15	1734	490	130	1884
Paper-feeding mechanism.....	H. B. Cooley.....	874,943	Dec. 31	5411	1131-2	131	2157
Paper-finishing machine.....	S. C. and R. B. Warner.....	853,610	May 14	2499	519	128	676
Paper fixture. Toilet.....	G. C. Mather.....	858,613	July 2	437	114	129	154
Paper-folding machine.....	F. G. Nind and F. Julyan.....	840,509	Jan. 8	1460	322-3	126	419
Paper-folding machine.....	S. Lazar.....	843,219	Feb. 5	785	162	126	1994
Paper-folding machine.....	M. Mehle.....	846,123	Mar. 5	835	174-5	127	212
Paper-folding machine.....	C. L. Rice.....	870,903	Nov. 12	1645	451-3	131	565
Paper-folding machine.....	J. Triska.....	874,645	Dec. 24	4796	1007-8	131	2036
Paper for curve-drawing instruments. Machine for preparing.....	W. J. Lloyd and J. R. Anderson.....	866,593	Sept. 17	2818	789-90	130	942
Paper for water-closet purposes.....	P. H. Savory.....	858,418	July 2	84	23	129	29
Paper-guide.....	C. J. Mohns.....	842,795	Jan. 29	6153	1298	126	1713
Paper-hanger's smoothing-roller.....	C. T. Ridgely.....	850,317	Apr. 16	3266	681	127	2497
Paper-hanger's support.....	J. L. Bonar.....	846,976	Mar. 12	2529	558	127	673
Paper-hanger's tool.....	W. U. Colthar.....	857,600	June 25	4198	888	128	2857
Paper-hanger's trestle.....	J. R. Kingsley.....	844,143	Feb. 12	2540	545	126	2460
Paper-hanger's trimmer.....	E. E. Gobie.....	855,301	May 28	5890	1228	128	1602
Paper-hanging machine.....	A. V. Austin and N. M. Purviance.....	855,426	May 28	6106	1276-7	128	1654
Paper holder and cutter. Roll.....	F. Kaufman.....	842,959	Feb. 5	229	51	126	1846
Paper holder and cutter. Roll.....	J. F. Finan.....	846,194	Mar. 5	962	204	127	244
Paper holder and cutter. Roll.....	C. H. Patterson.....	851,832	Apr. 30	6282	1310	127	3326
Paper holder and cutter. Roll.....	W. C. Deuberry.....	869,069	Oct. 22	2932	808	130	2283
Paper holder and filler.....	W. W. Wilhelm.....	861,007	July 23	4168	1142	129	1470
Paper-interleaving machine.....	H. Sauter.....	867,159	Sept. 24	3696	1045-8	130	1254
Paper. Loading or filling substance for use in the manufacture of.....	A. Monin.....	848,916	Apr. 2	636	.....	127	1751
Paper. Machine for producing water-mark effects on.....	E. Iich.....	852,788	May 7	843	169	128	216
Paper-machine slitting-cutter.....	C. Koegel.....	852,964	May 7	1220	251	128	311
Paper-machines. Pattern-roll for.....	O. Hammer.....	872,345	Dec. 3	56	11	131	1177
Paper-making and like machines. Electric drive for.....	J. R. Happer.....	864,842	Sept. 3	127	34-5	130	40
Paper-making machine.....	S. Milne.....	840,228	Jan. 1	888	192	126	240
Paper-making machine.....	W. H. Hoffman.....	844,938	Feb. 19	4397	940	126	2956
Paper-making machine.....	J. B. Walker and A. R. Bond.....	847,857	Mar. 19	4314	947	127	1143
Paper-making machine.....	R. J. Martin.....	866,045	Sept. 17	2022	564	130	692
Paper-making machine.....	C. Eichhorn and C. W. Campbell.....	874,948	Dec. 31	5422	1133-4	131	2159
Paper-making-machine cutting attachment.....	C. H. McCormick.....	872,248	Nov. 26	4424	1051	131	1108
Paper-making-machine regulator.....	W. F. Pickles.....	866,513	Sept. 17	2691	752	130	905
Paper-making machines. Calendar-feed for rolls of.....	R. Smith.....	875,386	Dec. 31	6285	1310	131	2300
Paper-making machines electrically. Means for driving.....	A. Aichele.....	845,725	Feb. 26	5966	1260	126	3389
Paper-making machines. Feed mechanism for calendar-rolls of.....	R. Smith.....	839,966	Jan. 1	330	72-3	126	91
Paper-making machines. Means for controlling the pulp-strainer drums of.....	M. Lamort.....	850,021	Apr. 9	2693	565	127	2307
Paper-making machinery.....	W. E. Ramage and H. D. Shaw.....	864,554	Aug. 27	3843	1065	129	3375
Paper manufacture.....	W. R. Green.....	875,068	Dec. 31	5665	1182	131	2198
Paper manufacture.....	W. R. Green.....	875,069	Dec. 31	5667	1182	131	2199
Paper-marbling machine.....	J. W. Newbery.....	855,474	June 4	61	13-14	128	1710
Paper-marbling machine.....	J. W. Newbery, J. M. Reed, and M. T. Kuhnkin.....	858,203	June 25	5416	1154-5	128	3166
Paper measuring and cutting machine.....	H. W. Sanderson.....	854,179	May 21	3682	762-3	128	1009
Paper. Mechanism for use in edging wall.....	H. A. and W. A. Morgan.....	847,491	Mar. 19	3547	777	127	954
Paper novelty. Cellular.....	H. Berg and E. Sollmann.....	859,280	July 9	1489	398	129	534
Paper or bag holder.....	G. S. Priddy.....	843,363	Feb. 5	1066	220	126	2060
Paper or board.....	C. Esser.....	867,471	Oct. 1	362	.....	130	1425
Paper or pasteboard with fibrous insertions. Machine for making.....	O. Hoffmann.....	867,041	Sept. 24	3512	996-7	130	1195
Paper package. Toilet.....	A. H. Scott.....	843,771	Feb. 12	1846	393	126	2290
Paper packages. Apparatus for producing inter-folded.....	S. Wheeler.....	863,958	Aug. 20	2899	798-9	129	3052
Paper packages. Supporting device for toilet.....	A. H. Scott.....	865,436	Sept. 10	1047	299	130	347
Paper pads and books. Flexible back for.....	J. Maccallum.....	855,322	May 28	5924	1236	128	1610
Paper pattern.....	G. M. Laub.....	852,332	Apr. 30	7262	1527	127	3571
Paper perforating or impressing machine.....	C. Carlton.....	852,375	Apr. 30	7352	1544	127	3594
Paper. Producing waterproof characters upon.....	O. Meyer.....	866,293	Sept. 17	2389	.....	130	810
Paper. Protecting commercial.....	E. E. Angell.....	869,823	Oct. 29	4116	1137	130	2670
Paper-pulp from straw. Making.....	L. K. Böhm.....	875,315	Dec. 31	6147	.....	131	2276
Paper-rack.....	J. E. Stirton.....	847,523	Mar. 19	3610	795	127	971
Paper-rack.....	J. B. Frear.....	849,893	Apr. 9	2498	515	127	2260
Paper receptacle.....	F. H. Berold, Jr.....	846,899	Mar. 12	2388	524	127	637
Paper-retaining device.....	G. W. Donning.....	840,118	Jan. 1	654	143	126	176
Paper-roll holder.....	H. Y. Otto.....	840,651	Jan. 8	1735	382	126	488
Paper-roll holder and cutter.....	J. F. Finan.....	842,090	Jan. 22	4592	987	126	1284
Paper-roll holder and cutter.....	M. McMahon.....	842,487	Jan. 29	5494	1163	126	1555
Paper-roll support.....	O. C. Forsberg.....	859,492	July 9	1811	486	129	640
Paper sacks and roll-paper. Combined holder for.....	W. E. Burks.....	873,409	Dec. 10	2279	475-6	131	1562
Paper-shaping machine.....	C. H. Dunning.....	843,138	Feb. 5	608	129	126	1950
Paper-sheet-handling machines. Automatic stop mechanism for.....	B. Gustafson.....	875,260	Dec. 31	6029	1257-9	131	2260
Paper sheets. Machine for forming flexible bands across.....	R. L. Crain.....	846,011	Mar. 5	593	124	127	151
Paper sheets to increase their flexibility. Treating.....	R. L. Crain.....	845,761	Mar. 5	57	11	127	18
Paper sheets together. Machine for attaching.....	A. J. Farmer.....	847,325	Mar. 19	3203	704-5	127	866
Paper shells. Machine for making.....	A. A. Raymond.....	848,851	Apr. 2	509	100-3	127	1718
Paper slitting and rewinding machine.....	F. Meisel.....	851,015	Apr. 23	4611	966-7	127	2875
Paper-slitting machine.....	J. L. Perkins and J. O. Stanley.....	856,984	June 11	3000	630	128	2485
Paper-softening apparatus.....	T. Scherf.....	860,696	July 23	3668	1005	129	1309
Paper-softening apparatus.....	T. Scherf.....	873,169	Dec. 10	1803	378-9	131	1482
Paper-stock-refining machine.....	A. Jones and A. Gregg.....	874,344	Dec. 17	4183	881	131	1904
Paper-surface-finishing machine.....	L. M. Yoerg.....	849,181	Apr. 2	1149	232	127	1882
Paper-tray.....	F. B. Davidson.....	843,933	Feb. 12	2160	461-2	126	2369

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Paper-treating composition	J. Czerny	854,470	May 21	4228		128	1152
Paper-trimming machine	C. E. Whitmarsh	857,133	June 18	3297	695	128	2602
Paper-tube blank	J. C. Kimsey	841,539	Jan. 15	3496	755	126	981
Paper-tube caps. Making	C. F. Jenkins	860,385	July 16	3179	868	129	1115
Paper-tube machines. Cut-off mechanism for	F. C. Osborn	863,208	Aug. 13	1784	479-80	129	2673
Paper vessels. Press for forming internal grooves in	A. R. Tiffany	857,123	June 18	3277	690	128	2596
Paper-weight and pen-rack. Combined	J. W. Bierlein and L. Zeiser	862,699	Aug. 6	992	265	129	2388
Paper-weight. Inclosed	C. L. Cruver	841,124	Jan. 15	2706	591	126	777
Paper-weight, knife-rest, and optical device. Combined	J. L. Borsch	874,049	Dec. 17	3549	756	131	1807
Papering machine. Wall-	E. E. Etter	847,924	Mar. 19	4464	978-9	127	1179
Paraformaldehyde and peroxid mixture.	A. Eichengrün	866,850	Sept. 24	3217		130	1104
Parallel-connected generators	E. J. Berg	863,774	Aug. 20	2617	724	129	2963
Parasol-top	W. H. Perkins	857,665	June 25	4313	911	128	2588
Parcel-carrier	A. S. Bretherton	840,746	Jan. 8	1927	424	126	535
Paring-machine	O. W. Brenizer	860,349	July 16	3118	852-3	129	1094
Paring machine. Apple-	W. H. Hills	860,472	July 16	3310	905-6	129	1159
Paring machine. Fruit-	D. F. Hunt	858,344	June 25	5677	1213	128	3237
Parquetry. Flexible	A. and F. Kohout	871,420	Nov. 19	2693	683	131	806
Partition construction. Apparatus for	A. C. Raymond	861,767	July 30	5354	1476-7	129	1878
Partition. Folding	T. R. Boone	856,217	June 11	1490	314	128	2103
Partition. Metal-sheathed paneled	T. I. Duffy	872,058	Nov. 26	4048	970	131	1046
Partition. Reinforced	M. W. Lauer	849,144	Apr. 2	1083	216	127	1866
Partition-section. Interchangeable	A. Adams	856,198	June 11	1448	305-6	128	2093
Partition-support	C. I. Parker	866,881	Sept. 24	3263	918	130	1117
Partitioning. Metallic	E. G. Budd	863,779	Aug. 20	2625	726	129	2966
Party-line lock-out	M. P. Boone	845,328	Feb. 26	5192	1102	126	3198
Passenger-elevator	E. L. Ballard	849,357	Apr. 9	1481	301	127	2000
Paste-applying machine	H. Weiskopf	853,048	May 7	1386	289	128	353
Paste-applying machine	A. D. Clingman	856,224	June 11	1501	316	128	2106
Paste. Discharging	K. Reinking	871,629	Nov. 19	3108		131	874
Paste-holder	O. Dreher	864,628	Aug. 27	3961	1099	129	3410
Paste-jar	R. Brooks	855,092	May 28	5503	1141	128	1504
Paste-jar	I. O. Upham	864,050	Aug. 20	3030	837	129	3090
Paste-receptacle	R. R. Ritz	847,370	Mar. 19	3305	726	127	890
Paste-receptacle	W. S. Whitcomb	866,248	Sept. 17	2314	646	130	784
Paste-table and tool-box. Folding	S. W. Bradt	846,087	Mar. 5	758	157-8	127	193
Paste-tube	W. L. Clark	851,586	Apr. 23	5765	1205	127	3163
Pasting device	S. T. Murchie	850,242	Apr. 16	3133	655	127	2460
Pasting-machine	J. H. Trismen	857,423	June 18	3841	815	128	2737
Pasteurizer	C. H. Loew	866,870	Sept. 24	3249	914	130	1113
Pasteurizer	A. Jensen	874,598	Dec. 24	4697	987-8	131	2020
Pasteurizing apparatus	F. Tyson	853,659	May 14	2605	540	128	702
Pasteurizing apparatus	E. J. Miller	869,978	Nov. 5	148	40	131	49
Pasteurizing apparatus	L. S. Pfouts	870,841	Nov. 12	1545	424-5	131	533
Pasteurizing system. Regenerative	A. H. Reid	840,960	Jan. 8	2349	516	126	640
Pasteurizing system. Regenerative	C. W. Reid	840,961	Jan. 8	2351	516	126	641
Pastry horns or cups for containing ice-cream, &c. Machine for making	J. Abrahams	841,211	Jan. 15	2859	622-3	126	816
Patrol-station box	A. A. Newman	843,293	Feb. 5	941	190	126	2030
Pattern: See Garment-pattern. Rail-joint pattern. Paper pattern. Waist-pattern.							
Pattern-maker's tool	G. G. Richmond	853,321	May 14	1948	402	128	533
Pattern-plates. Apparatus for making	P. Bonvillain	843,066	Feb. 5	443	96	126	1905
Patterns and the like on tissues. Production of transparent	A. Giehler	853,966	May 21	3258		128	905
Patterns on pattern-plates. Apparatus for locating	R. Ruddy	840,870	Jan. 8	2164	477-8	126	592
Patterns on pattern-plates. Apparatus for locating	H. R. Frisbie	844,117	Feb. 12	2486	534	126	2448
Patterns on pattern-plates. Assembling	R. Ruddy	840,869	Jan. 8	2162	477	126	592
Patterns. Tailor's templet for making	J. F. Schoepl	874,997	Dec. 31	5528	1153-4	131	2176
Pavement	E. Heylyn	841,647	Jan. 15	3708	806	126	1033
Pavement	F. F. Gross	847,471	Mar. 19	3510	768	127	944
Pavement	H. J. Rudfi	863,096	Aug. 13	1604		129	2614
Pavement and making the same	W. J. Sinek and R. S. Blome	856,105	June 4	1243	262	128	2006
Pavement and metal reinforce therefor	E. H. Benners	845,289	Feb. 26	5121	1085	126	3181
Pavement-block and making the same	S. Z. Ruff	853,034	May 7	1365	284	128	347
Pavement construction. Brick-	J. M. Perkins	862,012	July 30	5712	1585	129	1988
Pavement. Laying	W. E. Hassam	851,625	Apr. 23	5834		127	3178
Pavement-marker	R. S. Blome and W. J. Sinek	864,069	Aug. 20	3056	844-5	129	3098
Pavement plant. Plastic-	G. W. Lamson	860,674	July 23	3636	996	129	1298
Pavements. Surfacing	G. H. Lutz	850,382	Apr. 16	3395		127	2529
Paving-block. Bituminous	A. Kelley	870,889	Nov. 12	1618	443	131	556
Paving-block. Bituminous	C. Richardson and C. N. Forrest	853,116	May 7	1499		128	379
Paving machinery	F. B. Smith	853,131	May 7	1526	318	128	385
Paving material and manufacture thereof	J. A. Dubbs	862,318	Aug. 6	352		129	2194
Paving material. Composition of matter for use as	G. Bognar and A. Toth	845,508	Feb. 26	5546		126	3286
Paw. Artificial	F. E. La Ferte	858,877	July 2	889	232	129	306
Pawl-and-ratchet mechanism	D. C. Prescott	856,365	June 11	1843	378	128	2196
Pawl-and-ratchet mechanism. Mechanism for controlling the pawls in	W. Trehwella	862,034	July 30	5738	1504	129	1995
Pawl-press	C. Scherf	852,528	May 7	298	54	128	82
Pea-separating machine	I. S. Merrell	856,356	June 11	1827	376	128	2192
Pea-shelling device	C. Mettler	851,544	Apr. 23	5665	1186	127	3136
Pea-shelling machine	A. S. Adam	858,248	June 25	5499	1174	128	3189
Peas and the like. Machine for shelling green	D. Krmpotic	858,608	July 2	427	111	129	152
Peas and the like. Process to facilitate the shelling of	F. Staines	870,855	Nov. 12	1565		131	539
Peanut-roaster	W. C. Huyek	861,235	July 23	4497	1232	129	1578
Peanut-shock protector	J. L. Bangle	840,420	Jan. 1	1275	279	126	334
Peanut-stemming machine	J. W. Steel and J. C. Titus	865,445	Sept. 10	1060	303	130	315
Peat-blight. Remedy for	F. M. Buck	864,074	Aug. 20	3062		129	3100
Peat-carbonizing apparatus	H. J. Wickham	852,090	Apr. 30	6828	1423	127	3464
Peat. Charring or carbonizing	M. Ekenberg	847,748	Mar. 19	4084	893	127	1088
Peat-collecting machines. Tubular conveyer for	W. A. Milne	855,651	June 4	394	82	128	1795
Peat-drier	B. F. Lambert	846,574	Mar. 12	1734	382-3	127	470

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Peat forming and compressing machine	R. S. Lawrence	858,879	July 2	891	232-3	129	307
Peat, &c., into blocks or cakes. Machine for forming and compressing	M. C. Sharpneck	858,352	June 25	5690	1216-17	128	3241
Peat-machine	M. C. Sharpneck	858,353	June 25	5695	1217	128	3241
Peat-machine	M. C. Sharpneck	858,354	June 25	5704	1217	128	3244
Peat. Preparing	C. U. Greeley	863,385	Aug. 13	2048		129	2756
Peat turf into half-stuff. Machine for reducing	C. E. Dunn	868,256	Oct. 15	1618	457-8	130	1850
Peat-working machine	G. Matthews	852,609	May 7	471	87-8	128	125
Pebble-mill	M. F. Abbé	841,913	Jan. 22	4270	919-20	126	1207
Pebble-mill	G. S. Emerick	849,730	Apr. 9	2178	448-9	127	2176
Pebble-mill lining	M. F. Abbé	851,637	Apr. 30	5881	1229	127	3223
Pebble-mill lining	M. F. Abbé	858,129	June 25	5282	1122	128	3133
Pedal-bearing	G. Merritt	867,393	Oct. 1	252	73	130	1391
Pedal. Folding	R. W. Pain	869,980	Nov. 5	151	41	131	50
Pedal mechanism	P. B. Klugh	874,408	Dec. 24	4321	910	131	1959
Pedal-operating device	H. Jacobson	841,015	Jan. 8	2463	536	126	671
Pedals. Adjustable toe-clip for	W. G. Killworth	859,818	July 9	2302	626	129	799
Pedestal-table	H. C. Schneider	860,574	July 16	3462	951	129	1209
Peeler and scraper. Vegetable	S. Nagasse	850,871	Apr. 16	4345	911	127	2770
Peeler. Vegetable	J. and F. Kerr	840,000	Jan. 1	393	85	126	107
Peeler. Vegetable	T. Franklin and G. L. Belding	847,328	Mar. 19	3210	706	127	868
Peeling and coring machine. Tomato	H. A. Crosby	849,463	Apr. 9	1670	338	127	2052
Peeling apparatus. Vegetable	W. L. Weber	854,258	May 21	3840	793	128	1053
Peeling fruits and vegetables	E. J. Judge	850,655	Apr. 16	3938	823	127	2669
Peeling machine. Fruit and vegetable	W. Vogel	846,765	Mar. 12	2102	461	127	565
Peeling machine. Vegetable	J. Redmond	845,318	Feb. 26	5177	1099	126	3195
Peeling machine. Vegetable	T. Franklin and G. L. Belding	850,424	Apr. 16	3471	727	127	2549
Peeling machine. Vegetable	H. Robinson	855,481	June 4	76	16	128	1714
Peeling machine. Vegetable	H. Robinson	859,842	July 9	2346	637	129	812
Peeling machine. Vegetable	H. Robinson	864,264	Aug. 27	3367	936-7	129	3223
Peeling of fruits and vegetables	C. D. Monte	858,095	June 25	5223	1107	128	3118
Pegging-machine	W. W. Kelly. (Reissue)	12,618	Mar. 19	4609	1010-11	127	1212
Pegging-machine	J. A. Caron	875,149	Dec. 31	5819	1215	131	2224
Pelts. Machine for removing water-hairs from	G. Cimiotti	842,939	Feb. 5	194	44	126	1838
Pen	C. W. Butterworth	860,962	July 23	4090	1120	129	1446
Pen and locking device therefor. Self-filling fountain-pen and pencil clip	T. Stevens	860,839	July 23	3881	1062	129	1377
Pen and pencil clip	J. H. Pilkington	858,020	June 25	5062	1071	128	3076
Pen and pencil holder	F. L. Benstead	854,019	May 21	3351	688	128	928
Pen and pencil holder	G. B. Graves	875,064	Dec. 31	5657	1180	131	2197
Pen and pencil holder. Combined	G. Laube	852,514	May 7	271	50	128	74
Pen and pencil rack. Combined	J. S. Taddell	872,157	Nov. 26	4236	1011	131	1078
Pen-cap clip	J. A. Holland	863,029	Aug. 13	1495	405	129	2580
Pen clip or sustaining device. Fountain-pen. Drawing	A. Martinelli	854,584	May 21	4436	922	128	1202
Pen. Drawing	O. G. Mayer	854,585	May 21	4438	922	128	1202
Pen. Drawing	W. B. Phillips	858,350	June 25	5687	1216	128	3240
Pen. Drawing	J. Eichmüller	860,196	July 16	2885	789	129	1018
Pen. Drawing	G. H. Chavey	874,302	Dec. 17	4107	864	131	1891
Pen-extractor	H. A. Steiner	854,610	May 21	4482	935	128	1214
Pen. Fountain	B. B. Goldsmith	840,456	Jan. 1	1343	298	126	350
Pen. Fountain	J. S. Barnes	844,575	Feb. 19	3711	780	126	2784
Pen. Fountain	J. S. Barnes	844,576	Feb. 19	3713	780	126	2784
Pen. Fountain	H. W. Bähr	844,646	Feb. 19	3828	811	126	2812
Pen. Fountain	F. C. Brown	846,547	Mar. 12	1667	370	127	453
Pen. Fountain	J. S. Barnes	848,620	Apr. 2	4	1	127	1586
Pen. Fountain	F. W. Erickson	849,110	Apr. 2	1006	203	127	1845
Pen. Fountain	P. E. Wirt	852,368	Apr. 30	7340	1542	127	3582
Pen. Fountain	F. Y. Brenton	853,156	May 7	1569	326	128	396
Pen. Fountain	H. B. Levy	854,226	May 21	3789	782	128	1040
Pen. Fountain	W. C. Luther	854,227	May 21	3790	782	128	1040
Pen. Fountain	M. W. Moore	856,082	June 4	1204	255	128	1996
Pen. Fountain	W. K. Holmes	861,118	July 23	4223	1186	129	1521
Pen. Fountain	W. C. Luther	863,803	Aug. 20	2666	736	129	2980
Pen. Fountain	W. B. Mes	870,538	Nov. 12	1046	286	131	369
Pen. Fountain	J. P. Morris	873,769	Dec. 17	2985	633	131	1715
Pen. Fountain	L. F. Crawford	874,738	Dec. 24	4989	1050	131	2067
Pen. Fountain	M. W. Moore	874,897	Dec. 24	5270	1110	131	2116
Pen. Fountain ruling	C. H. Smith	861,057	July 23	4237	1161	129	1480
Pen-grinding machine	G. Malpass	845,006	Feb. 19	4536	967	126	2990
Pen-guide	R. L. Shaw	870,388	Nov. 5	833	221	131	274
Pen handle. Fountain	F. L. Sturm	849,513	Apr. 9	1804	365	127	2084
Pen holding and releasing device	J. O. and H. E. Dodge. (Reissue)	12,730	Dec. 3	1457	303	131	1393
Pen. Marking	W. D. Prest, W. C. Lynge, and G. C. Knudsen	874,539	Dec. 24	4595	965	131	2001
Pen. Non-leakable fountain-pen or pencil clip	C. A. Hayward	843,338	Feb. 5	1021	211	126	2048
Pen or pencil point protector	V. L. Ochoa	854,378	May 21	4046	836	128	1107
Pen-puller	A. Levinston	866,148	Sept. 17	2177	007	130	742
Pen retainer. Fountain	F. Canfield	840,474	Jan. 8	1390	307	126	402
Pen. Ruling	L. D. Van Valkenburg	844,061	Feb. 12	2388	511	126	2423
Pen. Self-filling fountain	J. M. Alexander and H. Fox	840,413	Jan. 1	1265	277	126	332
Pen. Self-filling fountain	P. E. Wirt	841,475	Jan. 15	3379	730	126	949
Pen. Self-filling fountain	M. Z. L. Fuller	848,023	Mar. 26	4688	1022	127	1271
Pen. Self-filling fountain	C. A. Faber	851,081	Apr. 23	4731	995	127	2906
Pen-staff holder	F. J. Guilford	858,511	July 2	260	63	129	93
Pen-wiper	D. Seip	865,273	Sept. 3	775	222	130	234
Pens and pencils. Combined safety-clip and cap-holder for	F. L. Graves	863,915	Aug. 20	2835	780	129	3033
Pens. &c. Box for	G. E. Chandler	856,941	June 11	2908	610	128	2460
Pens. Machine for tempering and shaping gold	D. C. Van Valer	858,686	July 2	566	147	129	196
Pens. Pocket-clip for fountain-penholder	H. B. Levy	845,467	Feb. 26	5476	1160	126	3268
Penholder	J. C. Johnson	841,873	Jan. 22	4195	904	126	1191
Penholder	J. Plach	843,767	Feb. 12	1841	392	126	2289
Penholder	H. L. Kinter	845,178	Feb. 26	4888	1037	126	3123
Penholder	H. V. Holland	845,641	Feb. 26	5797	1225	126	3347
Penholder	L. P. Winchenbaugh	847,390	Mar. 19	3348	734	127	901
Penholder	R. Moore and R. L. Ferguson	849,911	Apr. 9	2524	521	127	2267
Penholder	L. G. McConkey	855,331	May 28	5939	1239	128	1614

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Penholder	O. Kampfe	859,666	July 9	2087	563	129	729
Penholder	K. G. Rudy	867,422	Oct. 1	291	85	130	1404
Penholder	J. F. Hall	868,552	Oct. 15	2101	587	130	1999
Penholder	W. W. Thomas	870,396	Nov. 5	843	223	131	277
Penholder and blotter. Combination	R. S. A. von Pingel	864,255	Aug. 27	3350	929	129	3218
Penholder attachment	A. L. Hatfield	865,036	Sept. 3	430	116	130	131
Penholder guiding attachment	B. H. Collins	875,506	Dec. 31	6518	1359	131	2338
Pencil	C. A. Smith	845,320	Feb. 26	5179	1099	126	3195
Pencil	F. D. Jacobs	847,579	Mar. 19	3729	819	127	1004
Pencil	A. Henniger	848,031	Mar. 26	4705	1025	127	1275
Pencil	J. C. Baur	848,531	Mar. 26	5623	1231	127	1503
Pencil	F. H. Lippincott	849,799	Apr. 9	2313	475	127	2212
Pencil	F. H. Lippincott	851,893	Apr. 30	6395	1335	127	3355
Pencil	F. H. Lippincott	853,098	May 7	1466	306	128	371
Pencil	J. D. R. Lamson	853,983	May 21	3283	675	128	911
Pencil	C. W. Boman	863,258	Aug. 13	1870	504	129	2697
Pencil	W. C. Fowler	866,350	Sept. 17	2484	693	130	839
Pencil	D. C. Huntley, Jr.	874,077	Dec. 17	3669	772	131	1816
Pencil attachment. Lead-	O. Mussinan	865,119	Sept. 3	548	153	130	166
Pencil attachment. Lead-	O. Mussinan	865,120	Sept. 3	549	153	130	167
Pencil attachment. Lead-	O. Mussinan	865,121	Sept. 3	550	153	130	167
Pencil-clasp	F. A. Schneider	865,981	Sept. 10	1923	539	130	632
Pencil-holder	S. J. Lester	840,349	Jan. 1	1147	248	126	304
Pencil-holder	J. H. Williams	841,365	Jan. 15	3180	684	126	898
Pencil-holder	F. M. Ashley	846,442	Mar. 12	1460	325	127	399
Pencil-holder	J. T. Haskins	864,893	Sept. 3	208	58	130	64
Pencil-holder	J. L. Dunn	870,716	Nov. 12	1339	365	131	471
Pencil-holder	F. R. Welles	870,750	Nov. 12	1409	382	131	489
Pencil-holder	S. M. Lewis	874,215	Dec. 17	3928	828	131	1862
Pencil-holder and point-protector	R. Klipfel	854,507	May 21	4291	888	128	1167
Pencil holder. Fragile and caustic	J. Barnes	867,228	Oct. 1	2	1	130	1317
Pencil holder, sharpener, and ink-eraser	A. Ames	868,393	Oct. 15	1859	521	130	1922
Pencil-holding device	H. L. Patzold	854,053	May 21	3430	707	128	946
Pencil. Lead-	C. Pintz	861,052	July 23	4230	1158-9	129	1488
Pencil. Lead-	E. Winne	862,955	Aug. 13	1386	377	129	2545
Pencil-retainer	A. Mikulich	866,500	Sept. 17	2676	748	130	900
Pencil-sharpener	P. Makin	841,555	Jan. 15	3522	761	126	987
Pencil-sharpener	J. W. Cover	841,631	Jan. 15	3673	797	126	1024
Pencil-sharpener	W. E. Cary	843,999	Feb. 12	2273	486	126	2396
Pencil-sharpener	J. E. Parrish	847,363	Mar. 19	3292	723	127	887
Pencil-sharpener	B. F. Mayo	847,423	Mar. 19	3418	749	127	920
Pencil-sharpener	O. G. Sherman	849,431	Apr. 9	1609	327	127	2036
Pencil-sharpener	J. J. Vautier	849,821	Apr. 9	2344	481	127	2220
Pencil-sharpener	D. McKenzie	851,025	Apr. 23	4627	970	127	2880
Pencil-sharpener	D. Stamey	853,836	May 14	2969	608	128	794
Pencil-sharpener	W. A. Schenck	855,346	May 28	5969	1246	128	1621
Pencil-sharpener	F. E. V. Baines	857,574	June 25	4152	879	128	2845
Pencil-sharpener	W. A. Beason	858,558	July 2	330	81	129	119
Pencil-sharpener	O. S. Matthews	858,885	July 2	899	234	129	310
Pencil-sharpener	J. H. Morrison	867,395	Oct. 1	255	74	130	1391
Pencil-sharpener	C. C. Spengler	868,028	Oct. 15	1293	358	130	1751
Pencil-sharpener	N. Stafford	870,204	Nov. 5	520	142	131	170
Pencil-sharpener	A. T. Peterson	873,079	Dec. 10	1632	340	131	1454
Pencil-sharpener	W. F. Herdrich	874,961	Dec. 31	5457	1141	131	2163
Pencil-sharpener. Automatic	L. Myers	864,671	Aug. 27	4027	1117-18	129	3429
Pencil-sharpener machine	F. E. V. Baines	839,806	Jan. 1	13	3	126	5
Pencil. Writing	S. Svendsen	858,546	July 2	306	77	129	109
Pencils. Assortment-box or display-rack for lead-	F. McIntyre	846,133	Mar. 5	858	179	127	218
Pencils. Eraser-holder for lead-	B. B. Goldsmith	854,487	May 21	4256	81	128	1158
Pencils. Eraser-tip for lead-	L. J. Reckendorfer	840,372	Jan. 1	1191	261	126	313
Pencils. Eraser-tip for lead-	B. B. Goldsmith	854,488	May 21	4258	831	128	1159
Pencils. Rubber tip for lead-	F. McIntyre	863,306	Aug. 13	1934	522	129	2717
Pendent switch	H. C. Wirt	840,182	Jan. 1	790	172	126	212
Pendulum	A. W. Barnard	842,130	Jan. 22	4681	1004	126	1306
Pendulums. Compensation device for torsional	C. E. Guillaume	868,264	Oct. 15	1634	462	130	1856
Penny-collector	H. G. Hewitt	848,992	Apr. 2	760	155	127	1781
Penstock	W. G. Fargo	841,495	Jan. 15	3431	740	126	964
Penstock	W. G. Fargo	841,496	Jan. 15	3435	740	126	966
Perambulator	A. Kazmeier	853,980	May 21	3280	674	128	910
Perambulator	D. R. Collier	862,711	Aug. 6	1008	270	129	2394
Perambulator	W. H. Smith	871,961	Nov. 26	3801	922	131	1013
Perambulator or go-cart. Folding	A. E. McGill	861,475	July 30	4911	1348	129	1742
Perch. Poultry-	F. Shay	849,507	Apr. 9	1790	363	127	2080
Perches and for analogous articles. Making brace-irons or strengthening-irons for	H. Higgin	874,506	Dec. 24	4525	951	131	1990
Percolator	L. Wojcikow	850,710	Apr. 16	4041	845	127	2692
Percolator	A. A. Warner	860,272	July 16	3004	822	129	1057
Percolator	A. A. Warner	860,273	July 16	3005	822	129	1058
Percolator	C. E. Trehwella	866,985	Sept. 24	3420	969	130	1167
Percolator	J. F. Ives	868,187	Oct. 15	1503	426	130	1815
Percussion-drill, &c.	B. H. Locke	871,350	Nov. 19	2527	649-50	131	783
Percussive drill	H. P. Taylor	862,770	Aug. 6	1101	297	129	2420
Percussive tool. Presser-operated	A. H. Gibson	861,646	July 30	5166	1418	129	1824
Perforated strips. Apparatus for producing	T. A. Edison	870,024	Nov. 5	238	63-6	131	83
Perforated strips or sheets. Apparatus for forming	D. A. Ritchie	849,267	Apr. 2	1302	264	127	1920
Perforating and marking machine	W. H. Hudson	847,578	Mar. 19	3712	818-19	127	997
Perforating and other machines. Keyboard mechanism for	J. S. Bancroft	871,081	Nov. 12	1923	527	131	651
Perforating-machine	A. L. Hart	854,822	May 28	4929	1024	128	1357
Perforating-machine	L. B. Doman	866,920	Sept. 24	3319	937-8	130	1135
Perforating-machine keyboard mechanism	J. S. Bancroft	871,080	Nov. 12	1920	526-7	131	649
Perforator	H. Upton	848,869	Apr. 2	555	111	127	1731
Perforator-gage	J. D. Chly	851,656	Apr. 30	5919	1237	127	3250
Perforator. Loose-leaf	L. M. Morden	857,888	June 25	4746	1008	128	2905
Perfumery-package	J. Blocki	840,105	Jan. 1	626	135	126	165
Permutation-lock	E. E. Quaintance	840,088	Jan. 1	593	129	126	157

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Permutation-lock	L. B. Gaylor	844,448	Feb. 19	3184	687	126	2661
Permutation-lock	H. A. Alm	849,714	Apr. 9	2153	443	127	2171
Permutation-lock	W. A. Matrolis	850,309	Apr. 16	3248	676-7	127	2492
Permutation-lock	J. J. Murphy	854,427	May 21	4143	858-9	128	1130
Permutation-lock	J. Murphy	858,744	July 2	662	174	129	229
Permutation-lock	P. Hudson	860,093	July 16	2742	748	129	971
Permutation-lock	C. E. Morris	861,531	July 30	4984	1309	129	1765
Permutation-lock	C. E. Leighton	863,292	Aug. 13	1911	517	129	2710
Peroxids. Forming monobasic organic	A. C. Houghton	851,752	Apr. 30	6110	-----	127	3279
Peroxids. Producing metal	F. Fuhrmann	861,826	July 30	5451	-----	129	1908
Pessary	L. Nelson	854,593	May 21	4452	926	128	1206
Petroleum and other similar hydrocarbons. Saponifying	F. J. Lothammer and C. Trocquet	864,753	Aug. 27	4152	1152	129	3468
Petroleum-burning apparatus. Crude-	J. F. Stafford	860,419	July 16	3230	883	129	1131
Petroleum. Burning crude	J. F. Stafford	860,418	July 16	3229	883	129	1130
Petroleum-engine	R. O. Allsop	868,392	Oct. 15	1858	521	130	1921
Pharmaceutical coating	E. Donard and H. Labbé	874,310	Dec. 17	4126	-----	131	1894
Phase-adjusting apparatus	B. G. Lamme	839,936	Jan. 1	271	59	126	75
Phase-splitter and clutch	H. H. Cutler	844,997	Feb. 19	4507	961	126	2985
Phenylglycin and its homologues. Producing	R. Schmidlin	868,294	Oct. 15	1695	-----	130	1874
Phenylglycin. Making	R. Schmidlin	841,456	Jan. 15	3344	-----	126	940
Phonic apparatus	A. N. Pierman	847,687	Mar. 19	3972	867-8	127	1063
Phonograph	H. G. Bauman	842,059	Jan. 22	4544	977	126	1272
Phonograph	E. L. Aiken	847,631	Mar. 19	3855	842	127	1034
Phonogram	W. C. Runge	850,256	Apr. 16	3155	659	127	2466
Phonograph	C. Ridderhof	848,687	Apr. 2	132	28-9	127	1620
Phonograph	W. W. Rosenfield	849,086	Apr. 2	944	193	127	1828
Phonograph	J. W. Aylsworth and F. L. Dyer	855,604	June 4	307	63	128	1773
Phonograph	N. C. Durand and E. L. Aiken	855,622	June 4	343	70	128	1782
Phonograph	L. Devineau	865,769	Sept. 10	1577	445	130	514
Phonograph	J. Bornand and B. Thoens	873,013	Dec. 10	1483	308-9	131	1431
Phonograph	H. F. Holmes	873,860	Dec. 17	3183	678	131	1747
Phonograph	C. Jr. and W. Thoma	873,969	Dec. 17	3381	719-20	131	1781
Phonograph	E. L. Aiken	875,309	Dec. 31	6125	1278	131	2274
Phonograph and disk-holder	W. C. Spurgeon	839,902	Jan. 1	204	44-5	126	57
Phonograph attachment	W. G. Horton	856,873	June 11	2790	581	128	2433
Phonograph attachment	C. L. Holm	858,184	June 25	5387	1147	128	3159
Phonograph attachment	V. Bessier	870,612	Nov. 12	1161	316	131	410
Phonograph. Automatic	W. W. Rosenfield	859,114	July 2	1225	330	129	413
Phonograph-blanks. Making	J. W. Aylsworth	855,557	June 4	219	42	128	1752
Phonograph graphophone, &c	C. G. Garrard	861,827	July 30	5452	1502	129	1908
Phonograph-horn	A. Maurer	845,007	Feb. 19	4540	967-8	126	2991
Phonograph-horn	H. B. Seaman	858,763	July 2	691	183	129	240
Phonograph-horn	H. Gross	861,648	July 30	5169	1419	129	1825
Phonograph-horn	F. B. Norman	872,577	Dec. 3	558	116	131	1252
Phonograph-horn. Foldable	J. C. Stocker and D. A. Welsh	870,698	Nov. 12	1308	358	131	461
Phonograph-horn support	W. L. Denio	852,656	May 7	568	108	128	148
Phonograph-horn support	L. P. Halladay	857,169	June 18	3370	710	128	2619
Phonograph-horn support	O. L. Endres and R. Pietsch	860,792	July 23	3818	1046	129	1357
Phonograph. Magazine-	A. A. Pratt	864,686	Aug. 27	4055	1126-7	129	3439
Phonograph-modifier	A. S. Thompson	840,526	Jan. 8	1496	332	126	428
Phonograph record-blanks. Manufacture of cylindrical	V. M. Harris	854,886	May 28	5084	1057	128	1397
Phonograph-record-duplicating apparatus	V. M. Harris	846,411	Mar. 5	1389	306	127	353
Phonograph-record holder	T. V. Skelly	854,002	May 21	3322	683	128	921
Phonograph-record holding and shifting attachment	T. V. Skelly	874,548	Dec. 24	4606	967	131	2003
Phonograph-record-making machine	C. A. Reiners	866,219	Sept. 17	2273	634-5	130	771
Phonograph-records. Making duplicate	J. W. Aylsworth	855,553	June 4	212	41	128	1750
Phonograph-records. Making duplicate	J. W. Aylsworth	855,554	June 4	214	42	128	1751
Phonograph-records. Making duplicate	J. W. Aylsworth	855,605	June 4	309	63	128	1774
Phonograph-records. Molding	V. M. Harris	854,887	May 28	5085	1057	128	1398
Phonograph-records. Rack for holding	C. W. Long	867,986	Oct. 15	1227	338	130	1731
Phonograph recorder and reproducer	E. L. Aiken	855,828	June 4	748	154	128	1883
Phonograph-repeater	S. B. Yerion	866,552	Sept. 17	2749	769-70	130	921
Phonograph repeating mechanism	L. D. Kelley	845,645	Feb. 26	5802	1226-7	126	3348
Phonograph-reproducer	L. Devineau	856,038	June 4	1136	238	128	1981
Phonograph-reproducer	W. Schubert	865,435	Sept. 10	1046	298	130	347
Phonograph sound-regulator	A. H. Ryder	840,089	Jan. 1	597	129	126	158
Phonograph starting and stopping mechanism	C. H. Wilkes and H. Lyke	860,110	July 16	2764	754	129	977
Phonograph stop mechanism	C. Otzen	849,852	Apr. 9	2428	495	127	2242
Phonograph system	W. and J. Patten	854,525	May 21	4318	894	128	1174
Phonographs. Friction reproducing attachment for	A. N. Pierman	867,597	Oct. 8	576	162-3	130	1509
Phonographs. Horn-supporting appliance for	E. C. Goldsmith	861,108	July 23	4309	1183	129	1516
Phonographic horn	L. Devineau	861,206	July 23	4451	1221	129	1563
Phonographic-horn support	L. P. Halladay	853,357	May 14	2017	416	128	550
Phonographic records. Composition for	J. W. Aylsworth	855,552	June 4	211	41	128	1750
Phonographic records. Mandrel for	C. C. Shigley	841,727	Jan. 22	3870	840	126	1107
Phonographic sound-records. Production of	W. F. Nehr	850,957	Apr. 23	4512	944	127	2850
Phosphate. Producing dicalcium	E. Bergmann	852,371	Apr. 30	7346	-----	127	3593
Phosphate. Producing dicalcium	E. Bergmann	852,372	Apr. 30	7347	-----	127	3593
Phosphorus and calcium carbide. Manufacture of	J. T. Morehead	862,092	July 30	5854	1623	129	2035
Phosphorus. Making	G. C. Landis	859,086	July 2	1193	-----	129	404
Photograph cabinet or rack	J. N. Koch	873,379	Dec. 10	2226	463	131	1552
Photograph-holder	E. H. Smith	844,901	Feb. 19	4345	928	126	2944
Photograph-holder	W. H. Stevens	863,114	Aug. 13	1644	441	129	2627
Photograph-holder	C. R. Tibbetts	869,110	Oct. 22	2983	824	130	2299
Photograph-plate	P. V. W. Welsh	849,034	Apr. 2	836	172	127	1801
Photograph-printing machine	J. C. Calhoun	862,235	Aug. 6	204	57	129	2146
Photograph-printing-machine pad	J. C. Calhoun	858,570	July 2	348	89	129	125
Photograph-printing machines. Time-switch for	J. C. Calhoun	864,883	Sept. 3	190	53	130	59
Photographs. Exhibiting diffraction-	F. E. Ives	839,853	Jan. 1	94	23	126	27
Photographs on metal, glass, porcelain, &c. Producing	A. Hans	874,005	Dec. 17	3448	-----	131	1792
Photographs with any desired background. Production of	F. J. Dischner	858,162	June 25	5350	1137	128	3150
Photographer's light-regulator	A. C. Novess	853,467	May 14	2208	459	128	599

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr &	Vol.	Page.
Photographer's trimming-wheel	L. F. Smith	862,028	July 30	5730	1591	129	1993
Photographic apparatus	W. E. Colwell	847,730	Mar. 19	4044	884	127	1080
Photographic apparatus	W. Verbeck	852,476	May 7	185	33	128	55
Photographic developing and fixing apparatus	A. C. Hayden	855,402	May 28	6057	1266	128	1643
Photographic developing apparatus	F. Biset	845,049	Feb. 26	4626	984	126	3054
Photographic developing apparatus	F. W. Barnes	866,321	Sept. 17	2431	679	130	821
Photographic developing-machine	F. A. Brownell	854,026	May 21	3372	694	128	932
Photographic film	G. Macaire	861,472	July 30	4907	1347	129	1740
Photographic-film cartridges. Spool for	F. J. Matheis	849,076	Apr. 2	924	189	127	1824
Photographic-film holder	A. Schalek	855,591	June 4	283	57	128	1768
Photographic films. Producing picture copies by means of transfer	C. Pietzner	852,136	Apr. 30	6925	1446	127	3488
Photographic films. Spool for	J. W. Schatz	864,268	Aug. 27	3373	938	129	3225
Photographic flash-lamp	J. Inglis	873,242	Dec. 10	1925	404	131	1505
Photographic focal-plane shutter	L. Borsum	858,146	June 25	5321	1131	128	3142
Photographic lens	C. and H. C. Beck	871,539	Nov. 19	2985	744	131	853
Photographic measurements. Background for	G. Moe	865,418	Sept. 10	1019	291	130	338
Photographic method and apparatus for the production of pictures, patterns, and the like	E. Bachmann	870,863	Nov. 12	1575	433	131	542
Photographic multiplex copying-machine	O. Prange	862,347	Aug. 6	388	108	129	2204
Photographic paper	A. and L. Lumière	853,643	May 14	2565	.....	128	691
Photographic-plate-developing apparatus	A. Gaffney	871,332	Nov. 19	2489	642-3	131	778
Photographic-plate-developing machine	W. H. Brown	846,776	Mar. 12	2125	466-7	127	571
Photographic-plate holder	F. Whitney	840,540	Jan. 8	1519	336	126	434
Photographic-plate holder	P. Grassmann	850,429	Apr. 16	3481	729	127	2551
Photographic-plate holder	A. C. Hayden	848,241	Mar. 26	5053	1105	127	1363
Photographic plates. Packing-box for	A. B. Sheppard	872,761	Dec. 3	928	193	131	1314
Photographic plates to be exposed in sections. Device to enable	W. B. Henderson	864,643	Aug. 27	3982	1105	129	3416
Photographic-print drier	J. B. Farquharson	844,271	Feb. 12	2819	601	126	2532
Photographic-print-testing device	F. Sohon	849,277	Apr. 2	1317	267	127	1924
Photographic prints. Device for washing	A. S. Johnson, Jr.	846,109	Mar. 5	804	168	127	205
Photographic prints. Treating	P. Schumacher	846,954	Mar. 12	2491	.....	127	663
Photographic-printing apparatus	J. Kaut	844,630	Feb. 19	3904	825-6	126	2831
Photographic-printing apparatus	F. H. Auld	849,184	Apr. 2	1154	233-4	127	1883
Photographic-printing apparatus	H. H. McIntire	861,602	July 30	5100	1399-1400	129	1804
Photographic-printing apparatus	H. V. Sium-Jensen	861,907	July 30	5562	1537	129	1942
Photographic-printing apparatus	A. H. Mallison	862,264	Aug. 6	258	73-5	129	2162
Photographic-printing bath	T. Manly	851,296	Apr. 23	5190	.....	127	3020
Photographic-printing device. Automatic	A. R. and W. C. Palmer and H. A. Stanford	865,797	Sept. 10	1613	457-8	130	524
Photographic-printing machine	J. F. Jungkind	844,135	Feb. 12	2527	542	126	2457
Photographic-printing machine	H. M. Webster	846,767	Mar. 12	2106	462-3	127	566
Photographic-printing machine	J. C. Calhoun	854,076	May 21	3487	719	128	962
Photographic-printing machine	H. H. McIntire	856,716	June 11	2514	517	128	2364
Photographic-printing machine	W. T. Mead	857,952	June 25	4897	1035	128	3034
Photographic-printing machine	S. Colfax	860,127	July 16	2786	760-1	129	985
Photographic shutter	H. A. Byers	842,522	Jan. 29	5568	1177	126	1570
Photographic shutter	G. Dietz	844,854	Feb. 19	4257	908	126	2923
Photographic shutter	A. Wollensak	846,540	Mar. 12	1655	368	127	451
Photographic shutter	G. Dietz	846,984	Mar. 12	2542	560	127	677
Photographic shutter	C. A. Root	847,373	Mar. 19	3314	727	127	893
Photographic shutter	R. Klein	852,962	May 7	1214	250	128	309
Photographic shutter	F. A. Brownell	853,000	May 7	1295	270-1	128	328
Photographic shutter	M. Klaiher	854,221	May 21	8768	780	128	1033
Photographic shutter	E. W. Parker	856,600	June 11	2287	471	128	2307
Photographic shutter	W. T. and C. C. Barber	856,836	June 11	2722	564	128	2417
Photographic stand	A. J. Lambert and C. H. Land	872,433	Dec. 3	245	49-50	131	1206
Photographic toning and mounting process	H. Schmidt	871,188	Nov. 19	2160	.....	131	728
Photographic vignetter	P. Makeeff	870,790	Nov. 12	1464	396	131	508
Photography. Combination of line and screen	E. Mertens	874,222	Dec. 17	3946	833	131	1865
Photography. Flash-light	E. Russel	853,035	May 7	1366	284	128	347
Photometer	C. H. Williams	855,548	June 4	206	40	128	1749
Photometer	T. Torda	857,124	June 18	3278	691	128	2596
Photometer. Integrating	C. P. Steinmetz	849,027	Apr. 2	820	169	127	1797
Photoplate-holder	J. R. Garlick	846,298	Mar. 5	1143	252	127	289
Physical-development appliance	A. P. Mullins	843,291	Feb. 5	939	189	126	2029
Physiographical instrument	J. P. Goode	849,841	Apr. 9	2405	491	127	2237
Pianissimo device	C. F. Reeps and T. H. Nott	840,254	Jan. 1	933	203	126	252
Pianissimo device	H. Metzger	845,565	Feb. 26	5644	1195	126	3310
Pianissimo device	W. C. Vogel and H. K. Snell	846,071	Mar. 5	727	152-3	127	186
Pianissimo device	H. O. Clark	861,637	July 30	5157	1415	129	1821
Pianissimo device. Divided	P. Wuest, Jr.	847,534	Mar. 19	3630	801	127	977
Piano	P. Duffy	841,238	Jan. 15	2916	634	126	829
Piano	L. W. Norcross	849,559	Apr. 9	1882	383	127	2103
Piano	R. N. Wells	852,917	May 7	1130	233-4	128	288
Piano	W. G. Betz	857,002	Sept. 24	3447	976	130	1177
Piano	M. Clark	871,782	Nov. 26	3409	837-8	131	953
Piano-action	R. M. Squire	839,903	Jan. 1	205	45	126	58
Piano-action	J. Ammon	847,223	Mar. 12	3004	662	127	789
Piano-action	L. N. Soper	849,278	Apr. 2	1321	268	127	1925
Piano-action	R. S. Bowen and F. H. White	851,646	Apr. 30	5900	1233	127	3227
Piano-action	J. H. Deutsch	854,280	May 21	3881	800	128	1064
Piano-action	F. Kranich and L. P. Bach	859,232	July 9	1420	377	129	513
Piano-action	J. Anderson	872,551	Dec. 3	500	105	131	1244
Piano-action frame	H. J. Sandlas	871,894	Nov. 26	3660	892	131	991
Piano-action frame	J. W. Darley, Jr.	872,292	Nov. 26	4505	1069-7	131	1121
Piano action. Player	F. Meyer	867,204	Sept. 24	3776	1067	130	1278
Piano-action rail-support	W. C. Vogel and H. K. Snell	865,460	Sept. 10	1087	310	130	361
Piano action. Upright	E. J. Simpkins	845,720	Feb. 26	5957	1258	126	3387
Piano-actions. Hammer-supporting flange for	R. J. Murray	857,359	June 18	3722	786	128	2708
Piano and organ keys. Machine for laying off patterns on and otherwise preparing boards for the manufacture of	P. Schneider	840,260	Jan. 1	946	206-7	126	256
Piano. Automatic	E. de Kleist	841,787	Jan. 22	4010	866-7	126	1144
Piano. Automatic	M. Clark	846,090	Mar. 5	764	159	127	195

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Piano. Automatic	R. A. Rodesch	848,207	Mar. 26	4986	1090	127	1346
Piano. Automatic	R. A. Rodesch	848,208	Mar. 26	4992	1091	127	1348
Piano. Automatic	J. A. Weser	855,370	May 28	6008	1254	128	1632
Piano. Automatic	R. A. Rodesch	855,671	June 4	428	89-90	128	1804
Piano. Automatic	R. A. Rodesch	855,672	June 4	435	90	128	1807
Piano. Automatic	H. M. Salyer	857,260	June 18	3527	746	128	2659
Piano. Automatic	T. M. Pletcher	865,524	Sept. 10	1201	343	130	394
Piano. Automatic	J. W. Darley, Jr.	867,875	Oct. 8	999	284-5	130	1638
Piano. Automatic grand	J. W. Darley, Jr.	859,187	July 2	1345	357	129	454
Piano. Automatic-playing	A. G. Gulbrandsen	874,675	Dec. 24	4851	1019	131	2045
Piano. Autopneumatic grand	J. H. Sandlas and J. W. Darley, Jr.	867,840	Oct. 8	935	267	130	1619
Piano. Bell-	F. Hirschfeld	855,056	May 28	5410	1123-4	128	1481
Piano-bench	A. W. Cleveland	872,498	Dec. 3	381	80	131	1227
Piano capo-tasto bar	P. Weber	872,487	Dec. 3	360	73	131	1224
Piano case. Upright	F. T. Steinway	855,143	May 28	5597	1164	128	1526
Piano. Combined automatic and manually-operated	M. Clark	869,230	Oct. 29	3169	873	130	2383
Piano. Combined manually and mechanically operated	J. W. Darley, Jr.	871,916	Nov. 26	3699	902-3	131	998
Piano. Combined manually and mechanically operated	J. W. Darley, Jr.	871,917	Nov. 26	3706	904	131	999
Piano. Combined manually and mechanically operated	J. W. Darley, Jr.	871,918	Nov. 26	3711	904-5	131	999
Piano. Combined manually and mechanically operated	J. W. Darley, Jr.	871,919	Nov. 26	3717	905-6	131	1000
Piano-flange-attaching bar	F. G. Billings	844,238	Feb. 12	2740	585	126	2513
Piano front boards. Fastening and pivot for	G. Anderson	845,503	Feb. 26	5538	1174	126	3284
Piano-key base	J. W. Vose	864,051	Aug. 20	3030	837	129	3091
Piano-keyboard	W. D. Reaves	856,723	June 11	2528	520	128	2368
Piano. Mechanically-operated	F. V. Crofut	840,302	Jan. 1	1027	225-5	126	276
Piano modulating connection	T. P. Brown	865,994	Sept. 17	1941	543	130	668
Piano-notes. Means for repeating	F. Pelissier	855,595	May 14	2461	513	128	665
Piano-pedal	L. W. Norcross	857,299	June 18	3610	764	128	2681
Piano-pedal	O. Lestina	857,638	June 25	4272	902	128	2877
Piano-pedal	E. P. Sedgwick	867,308	Oct. 1	120	36	130	1350
Piano-pedal	L. Haas	873,742	Dec. 17	2940	623	131	1707
Piano-pedal action	G. Bjorklund	844,655	Feb. 19	3852	817	126	2819
Piano-pedal action	E. Bornhoef	847,639	Mar. 19	3868	845	127	1037
Piano pedal attachment	A. C. Bergman	844,913	Feb. 19	4364	932	126	2948
Piano-pedal. Automatic	J. D. Pease	854,307	May 21	3923	809	128	1075
Piano-pedal. Auxiliary	L. W. Norcross	847,498	Mar. 19	3559	780	127	956
Piano pedal. Self-playing grand-	J. W. Darley, Jr.	858,263	June 25	5522	1179-80	128	3194
Piano-player	F. W. Winter	856,325	June 11	1729	359	128	2165
Piano-player	R. Morgan	856,794	June 11	2656	546-7	128	2401
Piano-player. Automatic	J. W. Davis	863,592	Aug. 20	2359	644-5	129	2880
Piano-player. Mechanical	J. Rowley	843,108	Feb. 5	563	117	126	1938
Piano-player. Mechanical	A. G. Gulbrandsen	874,762	Dec. 24	5028	1059-60	131	2074
Piano-player. Pneumatic	J. Courville	866,336	Sept. 17	2454	684	130	828
Piano-players. Air-controller for	C. M. Thomas	868,229	Oct. 15	1581	449	130	1839
Piano-players. Pedal-action for	C. G. Hermanson	848,366	Mar. 26	5321	1159	127	1427
Piano-players. Sheet-winding mechanism for	F. P. Smith	810,024	Jan. 1	463	100	126	125
Piano-players. Tempo-controller for automatic	J. W. Darley, Jr.	861,575	July 30	5061	1389	129	1792
Piano-players. Tracker-bar for	F. W. Wood	872,315	Nov. 26	4553	1078	131	1129
Piano-players. Valve for automatic	A. Murino	862,002	July 30	5701	1582	129	1984
Piano-playing attachment	A. Wilhelmj	848,278	Mar. 26	5137	1121	127	1386
Piano-playing attachment. Electrical	J. Weber	868,740	Oct. 22	2431	673	130	2128
Piano-playing mechanism. Automatic	P. Wuest, Jr.	844,985	Feb. 19	4481	956	126	2979
Piano-playing mechanism. Automatic	P. Wuest, Jr.	860,618	July 16	3543	972-3	129	1235
Piano-protecting pad	K. M. Keower	870,969	Nov. 12	1767	482	131	602
Piano seat or bench. Adjustable	J. P. Clark	843,584	Feb. 12	1508	320	126	2203
Piano. Self-playing	H. Meyer	847,798	Mar. 19	4179	912-16	127	1111
Piano. Self-playing	J. J. Healy	855,104	May 28	5531	1148-50	128	1510
Piano. Self-playing	J. W. Darley, Jr.	867,113	Sept. 24	3622	1027-8	130	1227
Piano-sling	H. H. Hanson	873,044	Dec. 10	1562	327	131	1442
Piano sounding-board	W. H. Knight	873,949	Dec. 17	3340	712	131	1775
Piano string-plate	W. L. Bjur	847,889	Mar. 19	4384	959	127	1161
Piano-tool	J. N. Brown	840,294	Jan. 1	1008	221	126	271
Piano touch-regulator	A. B. Wallace and H. J. Jones	843,721	Feb. 12	1756	374	126	2268
Piano. Violin-	F. H. Watson	846,268	Mar. 5	1088	235-6	127	277
Piano-violin	C. L. Flindt	860,288	July 16	3022	827-8	129	1064
Piano-zither	J. Juszcieski	855,059	May 28	5417	1125	128	1483
Pianos. Air-duct and connection for self-playing grand	J. W. Darley, Jr.	867,114	Sept. 24	3624	1029	130	1228
Pianos and organs. Electrical keyboard-heater and tone-preserver for	R. R. Turner and J. C. Bernitt	861,560	July 30	5039	1383	129	1785
Pianos and piano-players. Combination-bench for	J. H. Talge	866,745	Sept. 24	3060	863	130	1055
Pianos. Automatic pedal-exposing device for player-	E. J. Knabe, Jr.	865,914	Sept. 10	1815	506-7	130	597
Pianos. Coin-controlled actuating mechanism for autopneumatic	A. J. Hobart	842,462	Jan. 29	5452	1155	126	1546
Pianos. Combined record-making and self-playing attachment for	G. Mohr	850,668	Apr. 16	3957	827-9	127	2674
Pianos. Door and treadle operating means for self-playing	J. L. Lutjen	861,743	July 30	5308	1464	129	1864
Pianos. Foot-rest for	W. E. Bailey and W. D. Reed	853,671	May 14	2620	544	128	706
Pianos. Pneumatic for autopneumatic	J. Carruthers	860,851	July 23	3899	1069	129	1383
Pianos. Repeating action for upright	C. Sauter	854,058	May 21	3447	710	128	951
Pianos. Rewinding mechanism for self-playing	H. Meyer	846,419	Mar. 5	1407	309-13	127	357
Pianoforte	G. Bless	848,957	Apr. 2	699	140-1	127	1765
Pianoforte	G. Caddick	874,299	Dec. 17	4095	863	131	1890
Pianoforte-action	J. Doyle	851,001	Apr. 23	4583	960-1	127	2868
Pianoforte and automatically-actuated mechanism therefor. Combined	J. Brinsmead	868,406	Oct. 15	1874	525-6	130	1926
Pianola. Apparatus for transposing the key-note in performances of the	H. T. Nolthenius	847,022	Mar. 12	2621	576	127	694
Pianolas. Music-roll for	D. R. Greene	863,167	Aug. 13	1720	462	129	2651
Piccolo or other musical instrument	H. Bernard	845,998	Mar. 5	568	119-20	127	146
Pick	W. Thedorf	842,920	Feb. 5	155	35	126	1830

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Pick	F. S. Harrington	845,233	Feb. 26	4996	1062	126	3150
Pick	T. A. Lutz	845,427	Feb. 26	5381	1142	126	3244
Pick	A. C. Pitman	845,574	Feb. 26	5656	1199	126	3313
Pick	J. W. Harrington	859,811	July 9	2292	623	129	796
Pick	J. Olson and W. J. O. Boals	869,727	Oct. 29	3981	1100	130	2631
Pick having detachable points	A. Thompson	855,677	June 4	445	93	128	1810
Pick. Miner's	W. and E. E. Donaldson	871,058	Nov. 12	1889	517	131	641
Pick. Mining or cutting machine	T. N. Wallace	851,970	Apr. 30	6566	1368	127	3398
Picker:							
See Corn-picker. Hop-picker.							
Cotton-picker. Loom-picker.							
Fruit-picker. Stone-picker.							
Gooseberry-picker.							
Picker	D. Martin	860,310	July 16	3063	838	129	1077
Picker-stick attachment	H. E. Taplin	870,749	Nov. 12	1408	381	131	488
P'icker-stick check	N. Vaillancourt	857,424	June 18	3844	815	128	2738
Picking-block	M. J. Murray	849,011	Apr. 2	789	.....	127	1788
Picking-rod	C. A. Stanley	847,841	Mar. 19	4288	940	127	1137
Pickling	M. Hershstein and C. E. Bonwell	865,700	Sept. 10	1470	.....	130	478
Pickling-bath	C. E. Lavery	856,644	June 11	2380	.....	128	2323
Pickling vat or barrel	F. Brockhoff	865,010	Sept. 3	389	105	130	122
Picture and making same. Colored	H. C. J. Deeks	856,519	June 11	2129	437	128	2191
Picture and mirror fastener	T. Gallagher	842,645	Jan. 29	5821	1229	126	1632
Picture apparatus	A. E. Colgate	853,441	May 14	2154	448-9	128	585
Picture apparatus. Animated	J. Bianchi	867,185	Sept. 24	3751	1059	130	1270
Picture apparatus. Motion	C. F. Jenkins	865,593	Sept. 10	1309	371	130	426
Picture apparatus. Moving	H. S. and L. Isaacs	845,551	Feb. 26	5624	1191	126	3305
Picture apparatus. Safety appliance for moving	A. F. Elkins and H. Hunter	861,169	July 23	4388	1204	129	1541
Picture effects. Device for producing moving	E. Keen	853,699	May 14	2683	553	128	724
Picture. Embossed	F. Feher	861,822	July 30	5447	1500	129	1906
Picture-exhibiting apparatus. Moving	C. Uebelmesser	851,387	Apr. 23	5370	1125-6	127	3065
Picture-exhibiting apparatus. Moving	F. L. Dyer and D. Holden	854,199	May 21	3731	772	128	1024
Picture-exhibiting machine	A. S. Howell	862,559	Aug. 6	782	208-9	129	2326
Picture-exhibiting machine	R. B. Cole	874,940	Dec. 31	5405	1130	131	2156
Picture-exhibitor	A. A. Caille	845,052	Feb. 26	4632	985-6	126	3055
Picture-exhibitor	A. M. Becker	862,697	Aug. 6	990	264	129	2388
Picture-exhibitor	E. C. G. Roesler	872,455	Dec. 3	289	58	131	1213
Picture film. Moving	C. J. Bensinger and M. R. Euler	863,141	Aug. 13	1686	452	129	2640
Picture film. Moving	F. L. Dyer and D. Holden	875,333	Dec. 31	6187	1290	131	2282
Picture-frame	E. Christian	855,935	June 4	957	199	128	3566
Picture-frame	E. E. Fairchild	868,627	Oct. 15	2244	622	130	2046
Picture-frame	H. Kassahn and G. Schaaf	869,786	Oct. 29	4065	1121	130	2655
Picture-frame attachment	W. H. Shepherd	846,959	Mar. 12	2501	551	127	665
Picture-frame-making machine	W. M. Mehling	849,803	Apr. 9	2320	476	127	2214
Picture-hanger	T. P. Hall	843,942	Feb. 12	2177	466	126	2373
Picture-hanger	H. N. Patrick and G. T. Oglesby	862,011	July 30	5711	1585	129	1988
Picture-hanger	E. Fleming	866,270	Sept. 17	2355	654	130	798
Picture-hanging device	L. Rynek	861,142	July 23	4356	1194	129	1531
Picture-holder	H. Melzer and L. Karron	875,090	Dec. 31	5710	1190	131	2206
Picture-holding strip. Supplemental metallic	G. F. Drew	874,749	Dec. 24	5003	1053	131	2070
Picture machine. Moving	E. J. Rector	849,499	Apr. 9	1770	357-8	127	2075
Picture machines. Governor-controlled safety-shut- ter for moving	F. G. Dustin	863,517	Aug. 13	2233	604	129	2811
Picture machines. Magazine for moving	J. J. Pink	872,970	Dec. 3	1363	287-8	131	1381
Picture-mat	J. A. Thomas	842,272	Jan. 29	5003	1068	126	1420
Picture. Mechanical changeable	W. H. Hoyt	855,057	May 28	5413	1124	128	1482
Picture-mounting device	A. W. Engel	852,018	Apr. 30	6701	1393	127	3432
Picture-mounting page or sheet	C. F. Engstrom	846,099	Mar. 5	784	164	127	200
Picture-projecting apparatus	J. M. Dunsmore	851,589	Apr. 23	5770	1206-7	127	3165
Picture-projecting machine. Life-motion	O. T. Weiser	857,697	June 25	4391	927	128	2908
Picture size-changing device	W. S. Franklin	860,795	July 23	3821	1047	129	1358
Picture taking and exhibiting machine	J. A. Crosby and J. J. Pink	850,567	Apr. 16	3745	782-4	127	2619
Picture-transmitting mechanism. Telegraphic	E. and M. Belin	844,086	Feb. 12	2425	519-20	126	2432
Picture-wire-fastening device	F. L. Boynton	846,775	Mar. 12	2123	466	127	571
Pictures, designs, &c. Producing	T. A. and J. B. Connolly	853,863	May 14	3021	620	128	806
Pictures. Making	B. B. Strobe	850,075	Apr. 9	2794	588	127	2331
Pie-crust-forming machine	O. Colborne	859,918	July 16	2468	671	129	882
Pie-crust-trimming machine	O. Colborne	847,649	Mar. 19	3884	849	127	1041
Pie-crust-trimming machine	O. Colborne	874,392	Dec. 24	4289	903	131	1953
Pie-cutter	C. B. Lewis	850,022	Apr. 9	2694	566	127	2307
Pie-lifter	A. L. Long	842,321	Jan. 29	5110	1086	126	1448
Pie-machine	F. Deuerling	857,609	June 25	4215	891-2	128	2863
Pie-pan	B. C. Sabin	843,109	Feb. 5	563	118	126	1938
Pie-pan	E. H. Lane	852,566	May 7	395	72	128	104
Pie-rack. Revolving	T. W. Hawthorne and B. L. Marsh	860,658	July 23	3614	990	129	1292
Pie-trimmer	J. S. Croxford	860,641	July 23	3591	984	129	1284
Pie trimming and crimping machine. Automatic	C. Oskamp	854,304	May 21	3917	808	128	1073
Pie turner and lifter. Combined	W. E. Locke	868,571	Oct. 15	2125	594	130	2005
Pig-iron. Treating	G. S. Page	867,593	Oct. 8	570	.....	130	1507
Pigs'-feet drier and singeing-oven	H. Loeschner	844,153	Feb. 12	2559	549	126	2465
Pigs' feet. Machine for splitting	J. Cunningham	857,332	June 18	3670	776	128	2696
Pigment and making same	W. J. Armbruster	841,303	Jan. 15	3053	.....	126	863
Pigment and similar compounds. Lead	E. A. Sperry	867,436	Oct. 1	311	.....	130	1410
Pigments. Apparatus for the production of	C. P. Townsend	846,626	Mar. 12	1628	362	127	443
Pigments by electrolysis. Producing	E. D. Chaplin	871,161	Nov. 19	2109	566	131	719
Pigments by electrolysis. Producing	E. D. Chaplin	871,162	Nov. 19	2112	566	131	719
Pigments. Production of	C. P. Townsend	847,032	Mar. 12	2636	580	127	698
Pigments. Regenerating waste liquors from the manufacture of chrome	A. S. Ramage	855,019	May 28	5332	.....	128	1461
Pile	O. Bates	841,762	Jan. 22	3955	854	126	1129
Pile and forming and sinking it	D. E. Moran	858,742	July 2	655	173	129	226
Pile and forming the same	A. A. Raymond	839,954	Jan. 1	309	68	126	85
Pile case or former. Collapsible	T. Bilyeu and D. Hirstel	863,016	Aug. 13	1476	402	129	2574
Pile-core	A. A. Raymond	845,120	Feb. 26	4778	1013	126	3095
Pile-core	A. A. Raymond	868,395	Mar. 26	5375	1172-3	127	1440
Pile-cutter	C. D. Day	864,453	Aug. 27	3649	1015	129	3314
Pile-cutting machines. Rotary cutter-shaft for	T. Morton	857,356	June 18	3717	785	128	2707

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Pile-driver	H. Gee	848,098	Mar. 26	4812	1050	127	1303
Pile-driver	R. Balfour	859,723	July 9	2169	586	129	755
Pile-driver	F. Burge	870,762	Nov. 12	1421	386	131	493
Pile driving and forming device	W. T. McClintock	850,389	Apr. 16	3406	713	127	2531
Pile-driving machine	H. Gee	848,166	Mar. 26	4916	1074	127	1329
Pile fabric	J. Zimmerman	855,153	May 28	5624	1170	128	1534
Pile fabric	H. Hardwick	873,744	Dec. 17	2942	624	131	1708
Pile fabric. Woven	G. Zimmermann	849,877	Apr. 9	2473	508	127	2254
Pile fabric. Woven	W. A. Minifie	853,713	May 14	2712	559	128	732
Pile fabric. Woven	E. F. Timme	858,923	July 2	954	249	129	328
Pile fabric. Woven	F. J. Hall	874,677	Dec. 24	4857	1020	131	2046
Pile. Sheet	F. W. Skinner	843,307	Feb. 5	970	199	126	2036
Pile structure	J. T. Pyle	851,436	Apr. 23	5462	1143-4	127	3089
Pile-wire hook	J. H. Myers	853,819	May 14	2934	602	128	786
Piles. Apparatus for inserting	G. G. Fryer	853,581	May 14	2432	507	128	657
Piles. Machine for imparting spiral movement to	R. Gold	868,339	Oct. 15	1763	498-9	130	1893
Piles under water. Apparatus for driving	S. Lake	863,614	Aug. 20	2388	656	129	2889
Piling	F. W. Skinner	842,120	Jan. 22	4660	1001	126	1301
Piling apparatus. Metal	F. H. Beebe	864,722	Aug. 27	4109	1141	129	3456
Piling box or tray	C. H. Erickson	864,761	Aug. 27	4161	1155	129	3470
Piling. Cap for sheet	E. A. Bern. (Reissue)	12,718	Nov. 12	1963	538	131	663
Piling. Compressed-air-cushion block for	C. C. De Witt	873,517	Dec. 10	2474	521	131	1598
Piling, &c. Construction of sheet	F. W. Skinner	866,232	Sept. 17	2291	640-1	130	777
Piling. Interlocking means for sheet	G. E. Nye	860,053	July 16	2687	731	129	954
Piling. Interlocking means for sheet	G. E. Nye	871,177	Nov. 19	2140	572	131	724
Piling. Interlocking metal sheet	G. E. Nye	840,952	Jan. 8	2336	513	126	637
Piling. Interlocking metal sheet	G. E. Nye	850,043	Apr. 9	2730	573	127	2315
Piling. Interlocking metal sheet	G. E. Nye	850,044	Apr. 9	2732	574	127	2316
Piling. Interlocking metal sheet	G. E. Nye	850,122	Apr. 9	2896	605	127	2356
Piling. Metal	J. R. Wemlinger	840,884	Jan. 8	2196	483	126	602
Piling. Metal sheet	J. R. Wemlinger	848,143	Mar. 26	4882	1066	127	1319
Piling. Metal sheet	J. R. Wemlinger	848,144	Mar. 26	4884	1066	127	1319
Piling. Metal sheet	J. R. Wemlinger	848,145	Mar. 26	4885	1066	127	1320
Piling. Metal sheet	J. R. Wemlinger	855,030	May 28	5362	1113	128	1467
Piling. Metal sheet	F. W. Skinner	863,886	Aug. 20	2798	769	129	3021
Piling. Sheet	C. C. Tomkinson	841,197	Jan. 15	2826	616	126	808
Piling. Sheet	P. A. Schuchart and G. G. Brown	850,496	Apr. 16	3620	757	127	2586
Piling. Sheet	P. A. Schuchart	850,497	Apr. 16	3621	757	127	2586
Piling. Sheet	T. Hill	859,295	July 9	1514	405	129	542
Piling. Sheet	F. R. Dravo	863,837	Aug. 20	2718	749	129	2996
Piling. Sheet	L. P. Friedstedt	871,582	Nov. 19	3021	753	131	860
Piling. Sheet-metal	R. H. Stevens	866,082	Sept. 17	2084	580-1	130	711
Pillars. Machine for ornamenting turned	J. Anderson	863,492	Aug. 13	2198	594	129	2800
Pillow. Sofa	P. Knuppen	870,297	Nov. 5	667	178	131	218
Pin:							
See Bench-pin. Hair-pin.							
Bowling-pin. Hat-pin.							
Clasp-pin. Hinge-pin.							
Clothes-pin. Insulator-pin.							
Collar-pin. Lock-pin.							
Connecting-pin. Marking-pin.							
Cotter-pin. Rolling-pin.							
Coupling-pin. Safety-pin.							
Cross-arm pin. Tether-pin.							
Cuff-pin. Veil-pin.							
Dredge-pin.							
Pin	E. Anderson	853,211	May 14	1708	354	128	464
Pin	F. H. Noble	853,258	May 14	1794	373	128	487
Pin	H. P. Coulter	864,447	Aug. 27	3643	1013	129	3312
Pin	C. F. Markham	873,765	Dec. 17	2977	632	131	1714
Pin and brooch clasp	E. E. Smith	866,741	Sept. 24	3055	861	130	1054
Pin-and-socket fastener	W. H. Boles	867,943	Oct. 15	1149	316-17	130	1707
Pin-holder	C. F. Eggers	858,799	July 2	766	199-200	129	268
Pin-joint	F. E. Farnham	841,771	Jan. 22	3975	858	126	1134
Pin-lock	E. L. Sprenger	853,907	May 14	3121	639	128	831
Pin-protector	K. E. Johansson	862,920	Aug. 13	1331	363	129	2527
Pin retainer. Stick	R. Corn	847,164	Mar. 12	2873	633	127	756
Pin-retaining device	R. Fischer	844,274	Feb. 12	2826	602	126	2534
Pin-setter	H. J. Anderson	853,212	May 14	1709	354-5	128	464
Pin setter. Ruby	C. A. Sloan	869,809	Oct. 29	4094	1131	130	2664
Pin-tongue	G. W. Dover	859,929	July 16	2483	675	129	887
Pin-tongues. Hinge-joint for	G. H. Tilford	846,633	Mar. 12	1867	410	127	505
Pincushion	G. D. Merrill	843,408	Feb. 5	1127	235	126	2074
Pincushion and spool-holder. Combined	L. Thompson	848,409	Mar. 26	5410	1180	127	1452
Pincushion-stuffing machine	E. S. Kidwell	865,107	Sept. 3	532	147-8	130	161
Pinch-dog	E. O. Olsen	862,189	Aug. 6	130	36	129	2124
Pineapple-cutting machine	E. K. Ellsworth and B. O. Clark	862,241	Aug. 6	216	59	129	2150
Pinion. Roller	R. W. Ellingham	860,536	July 16	3398	933	129	1187
Pinion. Self-locking cannon	S. O. Huseh	860,216	July 16	2925	799	129	1029
Pinions and wheels. Machine for manufacturing and mounting	A. H. Neureuther	844,389	Feb. 19	3073	659-62	126	2634
Pipe:							
See Banded stave-pipe. Metal pipe.							
Basement-pipe. Metallic pipe.							
Blowpipe. Organ-pipe.							
Composite pipe. Railway stand-pipe.							
Corrugated pipe. Sewer-pipe.							
Curved pipe. Smoker's pipe.							
Drain-pipe. Smoking-pipe.							
Flanged pipe. Stand-pipe.							
Fluid-conducting pipe. Stove-pipe.							
Gas-pipe. T-pipe.							
Hawse-pipe. Tobacco-pipe.							
Helically-ripped pipe. Tobacco-smoking pipe.							
Irrigating-pipe. Water-conductor pipe.							
Pipe	D. W. Allman	859,360	July 9	1630	434	129	582

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Pipe	L. Underwood	867,769	Oct. 8	821	234	130	1584
Pipe	J. A. Snoddy	868,819	Oct. 22	2550	702	130	2165
Pipe	C. C. Haskell	871,503	Nov. 19	2871	720	131	834
Pipe	L. Underwood	874,459	Dec. 24	4404	929	131	1974
Pipe and bolt cutting machine	G. E. Bohrer	852,762	May 7	777	154	128	202
Pipe and cigar-holder	E. L. Cook and J. H. Henry	864,293	Aug. 27	3408	947	129	3236
Pipe and conduit hanger	J. C. Lindner, Jr.	845,799	Mar. 5	131	24	127	37
Pipe and conduit supports. Fastener for	R. W. Beaton	855,924	June 4	942	195	128	1931
Pipe and monkey wrench	K. S. Little	847,419	Mar. 19	3411	747	127	919
Pipe and monkey wrench. Combined	G. O. Rice	851,106	Apr. 23	4783	1006	127	2917
Pipe and nut wrench	A. C. May	870,449	Nov. 5	915	248	131	300
Pipe and rod grip	C. A. Killian	849,623	Apr. 9	1996	409	127	2131
Pipe and tube cleaner	P. Kessler and T. Stein	864,544	Aug. 27	3826	1060	129	3369
Pipe-bending machine	H. A. Pedrick and C. A. Smith	842,111	Jan. 22	4637	995	126	1295
Pipe-bending machine	G. H. Reynolds	849,571	Apr. 9	1900	388-90	127	2108
Pipe-bending machine	P. J. Connors	856,847	June 11	2742	569-70	128	2421
Pipe-bending machine	J. F. Cox	873,023	Dec. 10	1512	316	131	1434
Pipe-bending tool	C. E. Swaney	859,706	July 9	2144	579	129	746
Pipe-bending tool	F. A. Wallace	871,052	Nov. 12	1881	515	131	658
Pipe-boiler	J. L. Anderson	841,368	Jan. 15	3183	685	126	899
Pipe-bracket	H. Wyler	848,950	Apr. 2	689	139	127	1764
Pipe-cap	W. C. Morse	840,792	Jan. 8	2013	445	126	557
Pipe-cap	W. H. Blood, Jr.	867,236	Oct. 1	12	4	130	1321
Pipe-cap	W. H. Blood, Jr.	871,667	Nov. 19	3168	785	131	886
Pipe-cap. Electric-installation	W. H. Vibber	863,334	Aug. 13	1976	532	129	2732
Pipe-casting mold	E. A. Custer	870,868	Nov. 12	1587	436	131	547
Pipe-clamp	R. Parker	842,007	Jan. 22	4447	957	126	1250
Pipe-clamp	L. Krueger, E. J. Kinkler, and O. H. Carmichael	847,082	Mar. 12	2733	603	127	721
Pipe-clamp	G. S. Benedict	861,078	July 23	4262	1168	129	1499
Pipe-clamp	M. B. Skinner and J. McCrea	866,395	Sept. 17	2539	708	130	855
Pipe-cleaner	L. W. Roe and L. J. Bonar	853,423	May 14	2121	442	128	576
Pipe-cleaner	G. Walker	865,547	Sept. 10	1242	353	130	406
Pipe-cleaner	C. D. Brown	865,860	Sept. 10	1737	483	130	575
Pipe-cleaner	M. E. Kanaly	867,885	Oct. 8	1010	288	130	1642
Pipe-cleaner. Expandable	L. O. Howell	856,063	June 4	1176	248	128	1910
Pipe-cleaning apparatus	A. T. Schlichting	841,722	Jan. 22	3864	249	126	1105
Pipe-closure	A. A. Fisk	862,626	Aug. 6	884	287	129	2359
Pipe. Collapsible inner shell for molding tapering	C. L. Simpson	867,431	Oct. 1	305	88-9	130	1408
Pipe-collar	C. Riegger	868,011	Oct. 15	1258	348	130	1741
Pipe connection	J. M. Kichle	850,230	Apr. 16	3111	651	127	2453
Pipe connection	H. Mueller	857,956	June 25	4911	1037	128	3037
Pipe connection	H. Clayton	872,169	Nov. 26	4262	1017	131	1082
Pipe connection. Sprinkling	C. W. Skinner	852,584	May 7	436	79	128	115
Pipe-coupling	J. H. Montie	841,881	Jan. 22	4205	907	126	1193
Pipe-coupling	H. S. Stucy	845,141	Feb. 26	4814	1021	126	3104
Pipe-coupling	H. S. Stucy	846,704	Mar. 12	1980	435	127	533
Pipe-coupling	J. N. Hafer	847,472	Mar. 19	3511	708	127	944
Pipe-coupling	E. J. Robbins	848,266	Mar. 26	5112	1116	127	1379
Pipe-coupling	W. Bartholomew	848,783	Apr. 2	563	112	127	1733
Pipe-coupling	E. T. Christensen and D. M. Tulloch	850,731	Apr. 16	4070	851	127	2699
Pipe-coupling	J. T. Willis	852,365	Apr. 30	7335	1541	127	3591
Pipe-coupling	J. Grindrod and A. W. Gilfillan	861,828	July 30	5453	1503	129	1908
Pipe-coupling	J. H. Phillips, Jr.	862,994	Aug. 13	1436	391-2	129	2560
Pipe-coupling	W. W. Gordon	863,027	Aug. 13	1491	405	129	2579
Pipe-coupling	A. J. M. Chapple	863,903	Aug. 20	2823	776	129	3029
Pipe-coupling	L. V. Deloche	864,618	Aug. 27	3950	1096	129	3405
Pipe-coupling	E. S. Williamson	867,028	Oct. 8	618	174	130	1523
Pipe-coupling	W. W. Kilpatrick	868,869	Oct. 22	2620	724	130	2184
Pipe-coupling	C. R. Schmidt	869,106	Oct. 22	2978	823	130	2298
Pipe-coupling	F. Haus	870,557	Nov. 12	1076	293	131	380
Pipe-coupling	R. S. Lord	872,659	Dec. 3	718	149	131	1280
Pipe-coupling	J. O. Carel	874,390	Dec. 24	4285	902	131	1952
Pipe-coupling. Air	R. S. White, Jr.	856,119	June 4	1270	267	128	2013
Pipe-coupling and applying same	D. M. Kenyon	865,497	Sept. 10	1151	327-8	130	379
Pipe-coupling. Angle	W. R. Sheckler	870,200	Nov. 5	515	141	131	168
Pipe-coupling. Automatic air and steam	W. F. Thornton, Jr.	844,975	Feb. 19	4464	952-3	126	2974
Pipe-coupling. Automatic steam and air	J. E. Marble	847,288	Mar. 12	3121	687-8	127	818
Pipe-coupling. Automatic train	F. H. Rutherford	843,911	Feb. 12	2119	453-4	126	2357
Pipe-coupling. Automatic train	J. B. Genin	862,068	July 30	5809	1611	129	2020
Pipe-coupling. Automatic train	R. M. Fyock and S. Stone	872,174	Nov. 26	4269	1019-20	131	1084
Pipe-coupling. Automatic train	P. Hien	872,514	Dec. 3	408	86	131	1232
Pipe-coupling. Bell and spigot	S. R. Dresser	854,936	May 28	5166	1077	128	1419
Pipe-coupling. Detachable	A. L. Shears	875,004	Dec. 31	5543	1157	131	2178
Pipe-coupling implement	D. M. Kenyon	865,498	Sept. 10	1154	328	130	381
Pipe-coupling jack	A. T. Herrick	864,166	Aug. 27	3215	890	129	3175
Pipe-coupling packing	A. W. Graham	870,428	Nov. 5	887	239	131	292
Pipe-coupling-sealing device	H. F. Gray	851,929	Apr. 30	6483	1352	127	3377
Pipe coupling. Train	J. E. Forsyth	846,840	Mar. 12	2268	497	127	608
Pipe coupling. Train	J. E. Forsyth	846,841	Mar. 12	2270	497-8	127	608
Pipe coupling. Train	E. D. Piper	850,486	Apr. 16	3600	753	127	2580
Pipe coupling. Train	J. A. Frenzel	851,806	Apr. 30	6223	1298	127	3311
Pipe coupling. Train	C. W. Taylor	854,124	May 21	3584	739-40	128	984
Pipe coupling. Train	W. H. Myers and W. G. Stevens	869,506	Oct. 29	3623	993	130	2524
Pipe coupling. Train	G. E. Kelly and G. F. Royer	873,947	Dec. 17	3356	711	131	1774
Pipe coupling. Train	G. E. Kelly and G. F. Royer	873,948	Dec. 17	3338	711	131	1774
Pipe-couplings. Clamping-ring for	W. W. Price	841,814	Jan. 22	4067	876	126	1159
Pipe-couplings. Clamping-ring for	J. Clark	844,250	Feb. 12	2768	589-90	126	2520
Pipe-couplings. Clamping-ring for	J. Clark	855,360	June 25	5734	1222	128	3253
Pipe-couplings. Gasket for	T. Pendergast	857,106	June 18	3250	683	128	2589
Pipe-covering	J. H. Wilson	861,927	July 30	5590	1544	129	1940
Pipe-cradle	J. A. Hibbins	851,352	Apr. 23	5301	1110	127	3057
Pipe-curving machine	W. C. Kirk	867,380	Oct. 1	235	68	130	1384
Pipe-cutter	P. McGregor	852,341	Apr. 30	7277	1530	127	3576
Pipe-cutter	J. L. Beard	852,697	May 7	657	127	128	217

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Pipe-cutter	C. Wahnsiedler	857,694	June 25	4386	925	128	2907
Pipe-cutter	W. H. E. and E. Charpier	859,432	July 9	1729	460	129	614
Pipe-cutter	D. Forsberg	860,130	July 16	2792	762	129	987
Pipe-cutter	W. W. Vosper	860,711	July 23	3693	1011-12	129	1316
Pipe-cutter	F. G. Haas	866,356	Sept. 17	2493	696	130	842
Pipe cutting and threading tool	G. W. Nye	862,278	Aug. 6	285	80	129	2172
Pipe. Device for preventing the flattening of the ends of	G. G. and R. O. Blakey	860,897	July 23	3981	1091	129	1410
Pipe-elbow	W. J. Plecker	842,580	Jan. 29	5671	1199	126	1595
Pipe-expanding tool	J. Gapp	841,388	Jan. 15	3222	694-5	126	908
Pipe-fitting	F. Kinche	853,413	May 14	2103	439	128	571
Pipe-fitting	A. C. Walworth, Jr	869,340	Oct. 29	3357	925	130	2441
Pipe fitting. Soil-	W. Mouat	860,050	July 16	2683	730	129	953
Pipe-flanging machine	C. R. McKibben	840,154	Jan. 1	743	161-2	126	202
Pipe-flanging machine.	J. H. Allen and F. M. Patterson	867,333	Oct. 1	164	49	130	1362
Pipe-hanger	J. E. Johnson	840,337	Jan. 1	1100	239	126	294
Pipe-hanger	A. McMurtrie	844,036	Feb. 12	2339	501	126	2412
Pipe-hanger	W. D. Van Brunt	844,977	Feb. 19	4467	953	126	2975
Pipe-hanger	R. W. Clark	850,623	Apr. 16	3870	808	127	2649
Pipe-hanger	G. F. Ernst	851,505	Apr. 23	5594	1171	127	3118
Pipe-hanger	H. C. Taber	853,040	May 7	1374	286	128	349
Pipe-hanger	H. M. Nelson and T. F. Scollard	862,840	Aug. 6	1218	328	129	2456
Pipe-hanger	J. E. Jones	864,897	Sept. 3	213	59	130	66
Pipe-hanger	M. Schang	867,760	Oct. 8	808	228	130	1581
Pipe-hanger	H. M. Parks	868,694	Oct. 22	2355	652	130	2105
Pipe-hanger	I. G. Lane	875,533	Dec. 31	6567	1372	131	2346
Pipe-hanger. Adjustable	C. H. Hook	849,132	Apr. 2	1064	213	127	1861
Pipe-hanger. Adjustable and elastic	A. F. Schafer	843,632	Feb. 12	1602	338-9	126	2228
Pipe-joint	J. C. McElroy	843,165	Feb. 5	662	139	126	1962
Pipe-joint	J. C. Haller and R. H. Machell	843,892	Feb. 12	2073	444	126	2346
Pipe-joint	A. M. Saunders	853,900	May 14	3110	637	128	828
Pipe-joint	J. P. Putnam	857,905	June 25	4793	1018	128	3007
Pipe-joint	G. H. Tefft	858,483	July 2	209	48	129	78
Pipe-joint	J. G. Liddell	872,358	Dec. 3	82	16-17	131	1181
Pipe-joint	H. Morris	872,442	Dec. 3	259	53	131	1209
Pipe-joint. Adjustable T	P. Wagner	861,409	July 30	4812	1320	129	1714
Pipe-joint. Elbow	W. B. Campbell	848,223	Mar. 26	5017	1097	127	1354
Pipe-joint. Flexible	F. M. Betz	859,426	July 9	1723	458	129	612
Pipe-joint. Flexible	A. L. Greenlaw	871,757	Nov. 19	3342	822	131	914
Pipe-joint. Flexible	W. A. Greenlaw	872,121	Nov. 26	4171	996	131	1066
Pipe joint. Sewer and like	A. G. Brandram	852,997	May 7	1289	269	128	327
Pipe-joint. Universal	R. Enright	848,162	Mar. 26	4911	1072-3	127	1327
Pipe joint. Waste-	H. J. Luff	871,714	Nov. 19	3248	804	131	900
Pipe-joints. Means for calking	P. E. Snow	856,106	June 4	1246	262	128	2006
Pipe-laying. Device for facilitating	J. F. Jones	862,972	Aug. 13	1408	383	129	2552
Pipe-laying machine	M. S. Manning	850,238	Apr. 16	3122	653	127	2456
Pipe-laying machine	C. A. Huffmaster	868,565	Oct. 15	2115	591-2	130	2002
Pipe-lifter	L. Reidel	852,138	Apr. 30	6928	1447	127	3488
Pipe-locking attachment. Smoke-	G. L. Shead	863,325	Aug. 13	1962	529	129	2726
Pipe-machine	A. McKenzie	860,879	July 23	3951	1083-4	129	1400
Pipe. Machine for manufacturing composition	E. F. Badgley	850,124	Apr. 16	2914	608	127	2401
Pipe. Making composite	T. E. Dwyer	868,418	Oct. 15	1889	530	130	1931
Pipe-mending device	G. Stuppar	848,139	Mar. 26	4877	1065	127	1318
Pipe-mold	E. L. Adams	862,123	Aug. 6	3	2	129	2081
Pipe mold. Cement-	E. W. Buser	871,778	Nov. 26	3404	836	131	952
Pipe-mold. Expanding	C. S. Burton	862,306	Aug. 6	333	93	129	2186
Pipe-molding means	E. L. Ransome	868,007	Oct. 15	1252	347	130	1739
Pipe-nipple-blank holder	J. Yule	860,112	July 16	2765	755	129	978
Pipe-nipple holder	R. E. Manley	851,137	Apr. 23	4828	1018	127	2928
Pipe or hose coupling	J. H. Phillips, Jr	863,995	Aug. 13	1440	392-3	129	2563
Pipe or hose coupling	J. H. Phillips, Jr	866,061	Sept. 17	2054	573	130	702
Pipe or hose coupling	J. H. Phillips, Jr	867,752	Oct. 8	798	225-6	130	1576
Pipe or tube coiling means	R. R. Row	865,803	Sept. 10	1623	460	130	527
Pipe-pattern	H. Slade	854,765	May 28	4814	1000	128	1327
Pipe. Plumbing waste-	M. K. Bell	861,493	July 30	4936	1355	129	1750
Pipe. Round-seam expander for making sheet-metal water-	C. H. Bogart	862,439	Aug. 6	559	149	129	2263
Pipe-seaming machine	C. H. Gervens	869,704	Oct. 29	3942	1087	130	2620
Pipe-sections together. Device for pulling	A. Claiborne	870,931	Nov. 12	1702	467	131	582
Pipe-stopper or test-plug	A. Redenbaugh	848,493	Mar. 26	5554	1212	127	1487
Pipe tension-joint	F. McCluskey	839,947	Jan. 1	300	66	126	83
Pipe-testing machine	J. P. Mern	848,759	Apr. 2	275	55-6	127	1657
Pipe-thread formation	C. L. Cummings	859,643	July 9	2051	554	129	718
Pipe-threading machine	F. W. Hoefler	841,396	Jan. 15	3235	697-8	126	911
Pipe-threading machinery	E. D. Westrip and R. McCarty	873,334	Dec. 10	2133	445	131	1536
Pipe tool. Waste-	T. Koch	874,512	Dec. 24	4546	954	131	1991
Pipe, tube, and tubular structure	W. H. Wilkening	875,304	Dec. 31	6115	1276	131	2273
Pipe-turning machine	G. E. Foster	865,096	Sept. 3	517	142-3	130	157
Pipe-winding machine	J. S. F. Marks	852,337	Apr. 30	7269	1528	127	3573
Pipe-wrench	F. J. Dearborn, F. Cavallaro, and A. S. MacKenzie	844,852	Feb. 19	4256	907	126	2922
Pipe-wrench	E. J. Robbins	850,254	Apr. 16	3153	659	127	2465
Pipe-wrench	M. Z. Viau	850,696	Apr. 16	4018	840	127	2687
Pipe-wrench	J. Hartigan	852,327	Apr. 30	7257	1525	127	3570
Pipe-wrench	E. C. Bates	855,380	May 28	6021	1257	128	1635
Pipe-wrench	G. Nicholson	857,825	June 25	4643	984	128	2971
Pipe-wrench	D. F. Gates	861,719	July 30	5274	1451	129	1854
Pipe-wrench	G. C. Winslow	865,553	Sept. 10	1252	356	130	410
Pipe-wrench	J. E. Richards and C. W. Walker	868,126	Oct. 15	1429	402	130	1793
Pipe-wrench	J. E. Richards	868,127	Oct. 15	1430	402	130	1793
Pipe-wrench	G. Heckling	870,781	Nov. 12	1451	393	131	504
Pipe-wrench	R. Parmelee	871,436	Nov. 19	2723	688	131	812
Pipe-wrench	J. Roemer	871,958	Nov. 26	3794	921	131	1012
Pipe-wrench	J. L. Brown	873,494	Dec. 10	2433	511	131	1590
Pipe-wrench	E. L. Scribner	874,545	Dec. 24	4601	966	131	2002

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Pipe-wrench.....	C. H. Foster.....	874,839	Dec. 24	5158	1087	131	2099
Pipe-wrench. Chain.....	W. C. Brocksieb and M. P. Tognazzini.....	863,017	Aug. 13	1477	402	129	2574
Pipes and other cylindrical objects. Means for gripping and lifting.....	A. J. Edwards.....	845,936	Mar. 5	435	89	127	112
Pipes and tubes. Manufacture of compound.....	J. W. Offutt.....	860,232	July 16	2950	806	129	1038
Pipes. Apparatus for casting metal.....	E. A. Custer.....	870,870	Nov. 12	1590	436-7	131	548
Pipes. Apparatus for regulating pressure in.....	J. B. Broadhead.....	863,900	Aug. 20	2818	774-5	129	3028
Pipes. Automatic connector for train.....	P. Beahm.....	872,707	Dec. 3	819	170-1	131	1296
Pipes. Automatic coupling for brake.....	C. A. Marshall.....	869,003	Oct. 22	2830	779-80	130	2252
Pipes. Automatic regulator for steam.....	F. W. Gove.....	874,959	Dec. 31	5454	1140	131	2163
Pipes. Casting.....	E. A. Custer.....	870,817	Nov. 12	1514	413	131	525
Pipes. Centering device for drain or similar.....	L. R. Blackmer.....	845,392	Feb. 26	5324	1129	126	3230
Pipes. Drive-head for well.....	S. S. Hitchcock.....	845,953	Mar. 5	469	96	127	122
Pipes, &c. Magnetic drawing apparatus for.....	G. Baehr and H. B. Lynch.....	857,856	June 25	4701	997-8	128	2985
Pipes. Making a joint between spigot and socket.....	C. J. Lomax.....	868,349	Oct. 15	1779	502	130	1898
Pipes. Noise-deadening means for drain.....	B. T. Wilson.....	866,762	Sept. 24	3088	870	130	1065
Pipes or conduits. Apparatus for making sectional.....	J. C. Mitchell.....	852,029	Apr. 30	6728	1398-9	127	3439
Pipes. Plate for steam and water.....	C. P. Kemble and W. B. Snyder.....	845,096	Feb. 26	4738	1004	126	3084
Pipes, reservoirs, and the like of strengthened cement and concrete. Skeleton for.....	F. E. Boquet.....	840,293	Jan. 1	1007	220	126	271
Pipes, shafts, &c. Repair-clip for.....	W. S. Palmer.....	865,056	Sept. 3	469	129	130	142
Pipes. Strainer-support for water.....	W. S. Foster.....	857,519	June 18	4026	857	128	2784
Pipes. Valved outlet for waste and overflow.....	D. W. York.....	846,275	Mar. 5	1102	239	127	280
Piping for circulating systems. System of.....	J. C. Kitton.....	843,282	Feb. 5	919	187	126	2024
Pistol.....	M. J. Shimer.....	847,837	Mar. 19	4280	939	127	1135
Pistol, cane, and toy gun.....	E. T. Adams.....	859,032	July 2	1125	301	129	382
Pistol. Magazine.....	J. H. Wesson.....	839,911	Jan. 1	222	48	126	62
Pistol. Pop.....	W. Jerger.....	863,400	Aug. 13	2065	557	129	2762
Pistol. Repeating cap.....	H. Bennett.....	843,064	Feb. 5	439	95-6	126	1905
Pistols. Means for securing the magazines of repeating.....	N. Pieper.....	859,332	July 9	1586	421	129	567
Piston.....	J. Imler.....	841,527	Jan. 15	3480	751	126	977
Piston.....	S. W. Miller.....	841,703	Jan. 22	3833	833	126	1098
Piston.....	D. H. Dyer.....	866,443	Sept. 17	2604	727	130	879
Piston.....	C. S. McKee.....	869,932	Nov. 5	83	25	131	28
Piston.....	E. H. Beazell.....	872,786	Dec. 3	975	202	131	1322
Piston and piston-packing.....	M. H. Sullivan.....	873,806	Dec. 17	3058	650	131	1727
Piston and piston-packing.....	M. H. Sullivan.....	873,807	Dec. 17	3060	661	131	1728
Piston and piston-ring.....	C. A. Smith.....	862,208	Aug. 6	159	45	129	2133
Piston-head.....	J. C. Howard.....	850,583	Apr. 16	3782	789	127	2628
Piston-replacing device.....	C. J. Richardson.....	850,675	Apr. 16	3976	831	127	2677
Piston-ring contractor.....	O. Winter.....	861,342	July 30	4690	1282	129	1676
Piston-ring expander.....	O. Winter.....	855,031	May 28	5363	1114	128	1468
Piston-rod connection.....	L. Anderson.....	840,190	Jan. 1	809	177-8	126	216
Piston-rod connection.....	L. Anderson.....	859,795	July 9	2270	617	129	789
Piston-rod connection.....	A. F. Rockwell.....	860,767	July 23	3778	1036	129	1342
Piston-rod gland.....	D. Risley.....	845,122	Feb. 26	4784	1014	126	3098
Piston-rod lubricator.....	E. G. Hagadorn.....	872,622	Dec. 3	636	134	131	1267
Pistons. Automatic stop for.....	E. C. Thorschmidt.....	855,266	May 28	5829	1215	128	1587
Pistons. Connecting-rod for trunk-pit-prop.....	H. Dock.....	843,004	Feb. 5	327	71	126	1872
Pit-prop.....	P. Mommertz.....	844,385	Feb. 19	3065	656	126	2633
Pitch for coating the interior of beer and ale packages. Making.....	H. C. Dippel.....	847,282	Mar. 12	3110	686	127	815
Pitch substitute and making the same.....	K. Rücker.....	867,757	Oct. 8	805	.....	130	1580
Pitchfork.....	A. H. Knox.....	858,992	July 2	1068	281	129	365
Pitchforks. Snow-shovel attachment for.....	F. N. Martin.....	842,221	Jan. 29	4899	1045	126	1395
Pitman connection.....	W. H. Glassburn.....	840,455	Jan. 1	1342	298	126	350
Pitman for pumping-jacks.....	W. S. Beers.....	866,182	Sept. 17	2225	621	130	756
Pivot connection.....	F. H. Richards.....	857,831	June 25	4650	987	128	2973
Pivot-joint. Separable.....	G. F. Richter.....	864,558	Aug. 27	3849	1066-7	129	3377
Pivotaly-mounted member.....	C. Aalborg.....	854,790	May 28	4861	1010	128	1339
Pivoted bin.....	D. H. Malone.....	872,662	Dec. 3	724	150	131	1281
Placket-closer.....	J. L. Brassington.....	855,689	June 4	473	99	128	1817
Placket-closer and skirt-supporter. Combination.....	W. B. Eichholtz.....	845,538	Feb. 26	5604	1187	126	3301
Placket-closer. Dress.....	A. W. Shank.....	856,373	June 11	1855	381	128	2200
Placket-closure.....	G. W. Prentice.....	852,902	May 7	1090	224	128	279
Placket-closure.....	A. Kasse.....	866,283	Sept. 17	2375	661	130	804
Placket-closure.....	J. A. Holly.....	871,590	Nov. 19	3032	755	131	863
Plaiting-gage.....	P. Schoen.....	857,208	June 18	3444	727	128	2638
Plaiting-machine.....	T. F. Hagerty.....	868,550	Oct. 15	2099	586-7	130	1998
Plane.....	E. W. Foster.....	842,453	Jan. 29	5420	1149-50	126	1536
Plane.....	E. S. Marks.....	864,010	Aug. 20	2965	818	129	3071
Plane.....	E. S. Marks.....	864,101	Aug. 20	3104	858	129	3114
Plane.....	G. H. Bartlett.....	865,560	Sept. 10	1266	358-9	130	414
Plane.....	J. H. Shaw.....	869,267	Oct. 29	3227	888	130	2402
Plane. Bench.....	B. M. Graves and F. N. Loson.....	865,491	Sept. 10	1145	325	130	378
Plane. Bench.....	E. W. Smith.....	871,001	Nov. 12	1810	493	131	616
Plane. Carpenter's.....	W. F. Arnold.....	840,418	Jan. 1	1272	279	126	334
Plane. Extension.....	J. V. Petrusich.....	869,016	Oct. 22	2847	784-5	130	2256
Plane. Floor.....	J. W. Arnold.....	868,151	Oct. 15	1459	411	130	1803
Plane. Multiple-beading.....	P. Harding.....	848,364	Mar. 26	5317	1159	127	1426
Planes. Adjustable handle for bench.....	E. S. Marks.....	864,009	Aug. 20	2964	817-18	129	3071
Planes. Gage attachment for.....	N. N. Beasley.....	857,514	June 18	4017	855	128	2789
Planer.....	C. Hooghouse.....	843,818	Feb. 12	1923	412	126	2310
Planer. Bowling-alley.....	J. M. Porter.....	864,257	Aug. 27	3353	933	129	3219
Planer. Floor.....	C. T. Limbach.....	857,946	June 25	4884	1032-3	128	3031
Planer. Floor.....	G. G. Rehfeld.....	864,260	Aug. 27	3362	935	129	3222
Planer-head.....	J. W. Gray.....	853,170	May 7	1593	331	128	403
Planer-head.....	J. W. Winningham.....	866,549	Sept. 17	2746	768	130	920
Planer. Open-side.....	A. Johnston.....	852,329	Apr. 30	7258	1525-6	127	3570
Planer or jointer guard.....	J. M. Jones.....	856,588	June 11	2270	467	128	2305
Planer-tool holder. Reversible duplex.....	E. Pierce.....	848,320	Mar. 26	5235	1142	127	1409
Planer-ways. Protector for.....	W. A. Thelin.....	848,578	Mar. 26	5721	1252	127	1528
Planers and shapers. Double-acting tool for.....	J. Riddell.....	859,336	July 9	1592	922	129	569

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Planers. Knife-jointer for the bottom cutter-heads of wood-	C. W. H. Blood and C. G. Osterman.	874,355	Dec. 17	4200	834-5	131	1908
Planers. Work-support for bottom cutter-heads of wood-	C. W. H. Blood and C. G. Osterman.	873,657	Dec. 10	2745	582	131	1644
Planing and matching machine	S. Cline.	864,612	Aug. 27	3939	1092-4	129	3403
Planing and sandpapering machine. Floor	G. J. Kepplinger.	854,950	May 28	5186	1081	128	1424
Planing device. Rotary wood-	W. D. Plue.	841,439	Jan. 15	3306	715	126	929
Planing-machine	T. A. Warner.	843,244	Feb. 5	832	172	126	2005
Planing-machine	W. Holthaus.	846,474	Mar. 12	1524	338	127	416
Planing-machine	R. J. Minnery.	852,339	Apr. 30	7274	1529	127	3575
Planing-machine	W. Holthaus.	860,473	July 16	3212	907	129	1159
Planing-machine attachment	P. J. McCormick.	843,091	Feb. 5	514	108	126	1925
Planing-machine. Device for automatically stopping a	T. B. Rice, Jr.	865,124	Sept. 3	553	154	130	168
Planing-machine feed mechanism	H. B. Ross.	874,036	Dec. 17	3518	750	131	1802
Planing machine feed-roll. Wood-	C. E. Harper.	854,642	May 21	4538	947	128	1228
Planing machine. Wood-	I. J. Budlong.	863,505	Aug. 13	2219	599-600	129	2807
Planetarium	H. A. Hackeling.	858,977	July 2	1045	275-6	129	357
Planimeter	E. M. Scoville.	844,195	Feb. 12	2644	567	126	2486
Planimeter for measuring the areas of leather, hides, &c.	G. Coradi.	861,268	July 30	4574	1248	129	1640
Plant-box. Window	A. J. Schoenecke.	842,501	Jan. 29	5520	1170	126	1561
Plant-cutter	J. S. Russell.	866,226	Sept. 17	2282	638	130	775
Plant life. Apparatus for destroying	E. Renault.	851,376	Apr. 23	5347	1121	127	3058
Plant-rest	E. W. Thayer.	845,669	Feb. 26	5856	1237	126	3361
Plants placed in rows or single. Device for binding up	E. Dörner.	860,452	July 16	3283	897	129	1148
Plants. Stand for propping.	J. G. Walton.	871,901	Nov. 26	3672	896	131	994
Planter	G. P. Fisher, Jr.	842,642	Jan. 29	5816	1228	126	1631
Planter	W. H. Holsclaw.	843,457	Feb. 5	1212	256	126	2094
Planter	W. Sobey.	843,500	Feb. 5	1317	277-9	126	2123
Planter	W. H. Holsclaw.	845,003	Feb. 19	4527	966	126	2988
Planter	J. P. Caldwell and W. A. Rockwell.	847,901	Mar. 19	4413	967-8	127	1166
Planter	F. Muhl.	850,949	Apr. 23	4500	941	127	2847
Planter	T. J. Dudley.	852,499	May 7	239	43-4	128	68
Planter	H. T. Monson.	853,256	May 14	1791	373	128	486
Planter	M. E. Fidler and H. Lingenfelter.	857,798	June 25	4591	972	128	2958
Planter	G. W. Vaughn.	858,929	July 2	965	251-2	129	331
Planter	W. Boyer.	860,440	July 16	3261	891-2	129	1141
Planter	E. B. Winship.	866,993	Sept. 24	3432	972-3	130	1170
Planter	I. A. Weaver.	867,625	Oct. 8	614	173-4	130	1522
Planter	J. T. Gantt.	869,078	Oct. 22	2943	810	130	2287
Planter	J. C. Morgan.	871,354	Nov. 19	2534	651-2	131	785
Planter	J. D. Lancaster.	871,941	Nov. 26	3763	915	131	1006
Planter	J. D. Schofield and C. T. Ray.	872,461	Dec. 3	310	62	131	1215
Planter and fertilizer-distributor	B. W. Burdett and G. W. Goodwin, Jr.	846,726	Mar. 12	2017	443-4	127	543
Planter and fertilizer-distributor. Combined	G. T. Purvis and J. King.	850,249	Apr. 16	3142	657	127	2462
Planter and fertilizer-distributor. Combined	J. R. Davidson.	866,340	Sept. 17	2462	687	130	830
Planter and fertilizer-distributor. Combined	W. W. Harris.	872,814	Dec. 3	1034	217-18	131	1331
Planter and fertilizer-distributor. Seed-	F. H. Weaver.	840,274	Jan. 1	975	212	126	264
Planter and fertilizer-distributor. Seed-	C. E. Littlefield.	856,789	June 11	2645	544-5	128	2398
Planter and fertilizer-dropper. Corn-	W. J. Downs.	871,328	Nov. 19	2481	640-1	131	777
Planter attachment	A. Sherman.	872,542	Dec. 3	484	101	131	1242
Planter attachment. Potato-	W. P. Boller.	866,710	Sept. 24	2996	850	130	1026
Planter. Check-row.	A. M. Crisman.	866,339	Sept. 17	2460	686-7	130	830
Planter check-row attachment. Corn-	E. J. Richmond.	865,529	Sept. 10	1212	345-6	130	399
Planter. Check-row corn-	E. Robinson.	855,435	May 28	6124	1280	128	1658
Planter. Check-row corn-	D. N. Baxter.	866,708	Sept. 24	2994	849	130	1025
Planter. Corn-	L. R. Gilchrist.	840,454	Jan. 1	1341	297	126	350
Planter. Corn-	T. M. Bailey.	840,897	Jan. 8	2224	489	126	609
Planter. Corn-	J. R. Jordan and C. B. Pate.	841,982	Jan. 22	4395	948	126	1237
Planter. Corn-	H. F. Blair.	842,755	Jan. 29	6080	1282	126	1696
Planter. Corn-	S. H. Jones and E. E. Towle.	843,020	Feb. 5	366	79-80	126	1884
Planter. Corn-	W. H. Lytle.	843,345	Feb. 5	1031	212-13	126	2051
Planter. Corn-	H. W. Thomasson.	844,550	Feb. 19	3408	734	126	2715
Planter. Corn-	G. K. Schauer.	845,200	Feb. 26	4930	1046-7	126	3134
Planter. Corn-	E. H. Snyder.	845,203	Feb. 26	4940	1048	126	3136
Planter. Corn-	T. A. McKee.	845,808	Mar. 5	144	27	127	40
Planter. Corn-	C. A. Anderson.	851,477	Apr. 23	5534	1160	127	3104
Planter. Corn-	R. S. Carr.	857,789	June 25	4573	968	128	2954
Planter. Corn-	L. D. Benner.	861,079	July 23	4263	1169	129	1499
Planter. Corn-	G. H. Field.	864,523	Aug. 27	3775	1049-50	129	3356
Planter. Corn-	C. E. Mentzer.	873,673	Dec. 10	2771	588	131	1649
Planter. Corn-	W. M. Bering and R. L. Ford.	873,708	Dec. 17	2854	607-8	131	1695
Planter. Corn-	E. R. Ellefson and L. Ihlan.	874,313	Dec. 17	4134	870	131	1895
Planter. Corn-	C. R. Davis.	874,741	Dec. 24	4992	1051	131	2068
Planter. Corn and cotton.	A. J. H. Reid.	843,699	Feb. 12	1716	365-6	126	2257
Planter. Cotton and corn.	F. H. Goodnight and J. F. Duffin.	855,883	June 4	852	177	128	1909
Planter fertilizer attachment.	C. W. Michael.	869,977	Nov. 5	145	40	131	48
Planter marker. Corn-	A. E. Starrett.	844,290	Feb. 12	2855	608	126	2541
Planter marker. Corn-	F. E. Morehouse.	845,247	Feb. 26	5020	1068	126	3157
Planter marker. Corn-	N. G. Christiansen.	851,798	Apr. 30	6197	1295	127	3303
Planter marking attachment	M. Spenrath.	893,665	Aug. 20	2459	677	129	2913
Planter. Potato-	A. S. Holcomb.	845,087	Feb. 26	4715	999-1000	126	3078
Planter. Potato-	J. R. Steitz.	856,309	June 11	1696	352	128	2157
Planter. Potato-	H. Remmers.	860,570	July 16	3453	948-9	129	1207
Planter. Potato-	L. A. Aspinwall.	864,595	Aug. 27	3910	1085	129	3395
Planter. Potato-	N. Waring.	865,549	Sept. 10	1245	354	130	407
Planter. Potato-	W. W. Taverner and A. Gregg.	870,856	Nov. 12	1566	430-1	131	539
Planter. Potato-	E. G. Schreiber.	874,037	Dec. 17	3520	750	131	1802
Planter. Seed-	S. R. and T. E. Sikes.	848,135	Mar. 26	4872	1064	127	1316
Planter. Seed-	G. W. Israel.	851,170	Apr. 23	4916	1034	127	2951
Planter. Seed-	J. S. Gardner.	851,741	Apr. 30	6091	1273	127	3275
Planter. Seed-	J. B. Reed.	852,398	Apr. 30	7413	1555	127	3609

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Planter. Seed.....	F. G. Green.....	855,630	June 4	357	73-4	128	1785
Planter. Seed.....	D. M. Pearce.....	867,074	Sept. 24	3563	1008-9	130	1211
Planter. Seed.....	P. H. Higley.....	870,432	Nov. 5	894	241	131	294
Planter. Seed.....	D. H. McGuire.....	872,363	Dec. 3	105	19	131	1182
Planter. Seed.....	T. L. Beaman.....	874,155	Dec. 17	3801	801	131	1842
Planters. Conveyer-chain for potato.....	O. Duensing.....	851,122	Apr. 23	4802	1010	127	2922
Planters. Furrow-opener for seed.....	A. S. Beymer.....	842,066	Jan. 22	4558	979	126	1275
Planters. Land-marker for corn.....	W. W. Newberry.....	864,384	Aug. 27	3542	984	129	3277
Planters. Seed-dropping mechanism for corn.....	E. A. Johnston.....	865,307	Sept. 3	833	240	130	252
Planters. Wire-guide for check-row.....	W. F. Jogerst.....	850,012	Apr. 9	2679	562	127	2304
Planting-machine.....	E. C. Smith.....	845,485	Feb. 26	5513	1167-8	126	3277
Planting-machine.....	B. C. McCoy.....	858,201	June 25	5410	1152-3	128	3165
Planting-machine.....	T. Umrath.....	867,451	Oct. 1	332	96-8	130	1417
Planting-machine. Corn.....	F. D. Cutsforth.....	842,388	Jan. 29	5266	1117	126	1493
Planting-machine. Root.....	R. P. Warner.....	841,833	Jan. 22	4111	884-5	126	1171
Planting-machine. Root.....	J. H. Shirley.....	870,693	Nov. 12	1298	355-6	131	456
Planting means. Seed.....	R. C. Israel.....	851,171	Apr. 23	4918	1034	127	2952
Planting mechanism.....	N. B. Hodge.....	854,165	May 21	3657	756	128	1003
Planting or seeding machine.....	F. C. Brown.....	859,869	July 9	2386	650	129	824
Plaster-board.....	E. Holmes.....	858,601	July 2	419	109	129	149
Plaster composition.....	J. M. Snelus.....	841,464	Jan. 15	3354	.....	126	942
Plaster slabs for building, &c. Making wooden-cored.....	G. S. Mayhew.....	869,638	Oct. 29	3844	1051-2	130	2590
Plaster. Spool adhesive.....	P. S. Bauer.....	864,093	Aug. 20	3047	842	129	3096
Plastering apparatus.....	P. M. Thomson.....	866,984	Sept. 24	3418	969	130	1166
Plastering. Fibrous.....	E. Coombs.....	862,715	Aug. 6	1015	272	129	2396
Plastic articles. Machine for forming.....	W. Polk.....	851,558	Apr. 23	5698	1193-4	127	3143
Plastic-block mold.....	H. A. Zurbuch.....	855,084	May 28	5488	1138	128	1500
Plastic composition.....	M. P. Lanza.....	861,294	July 30	4614	.....	129	1651
Plastic composition. Producing.....	H. Schudt.....	873,960	Dec. 17	3360	.....	131	1778
Plastic material. Machine for molding.....	C. A. Thomson.....	845,597	Feb. 26	5695	1207-8	126	3322
Plastic-material mold.....	H. B. Copeland.....	852,259	Apr. 30	7137	1494	127	3542
Plastic-material mold.....	E. H. McClintock.....	856,982	June 11	2995	630	128	2484
Plastic-material-molding machine.....	H. H. Howell.....	852,839	May 7	950	195	128	242
Plastic-material-molding machine.....	J. G. Morton.....	859,506	July 9	1830	493	129	646
Plastic materials. Machine for molding.....	A. Lutze.....	839,941	Jan. 1	282	61-2	126	78
Plastic or cementitious material. Support made of.....	G. P. Wood.....	863,821	Aug. 20	2693	743	129	2988
Plastic structure.....	L. A. Tye, G. Boivin, and L. N. Benjamin.....	851,573	Apr. 23	5720	1199	127	3148
Plastic substances. Machine for mixing and treating.....	F. I. du Pont.....	851,607	Apr. 23	5800	1212	127	3171
Plastics. Gravity tamping and molding machine for.....	A. J. Taylor and J. H. McClure.....	858,232	June 25	5473	1167-8	128	3182
Plate and pan lifter.....	A. L. Smith.....	846,699	Mar. 12	1971	433	127	531
Plate and pan lifter.....	W. F. Valiquette.....	850,983	Apr. 23	4550	953	127	2859
Plate-carrier. Automatic.....	T. James.....	867,977	Oct. 15	1305	333	130	1724
Plate-catcher. Mechanical.....	T. and J. J. O'Malley.....	859,688	July 9	2121	572	129	739
Plate-feeding device.....	E. L. Cronmeyer.....	845,293	Feb. 26	5133	1088-9	126	3184
Plate-holder.....	J. C. Drake.....	851,281	Apr. 23	5159	1084	127	3012
Plate-lifter.....	W. H. Clark.....	841,626	Jan. 15	3667	795	126	1023
Plate-lifter.....	C. F. Smith.....	844,966	Feb. 19	4447	950	126	2969
Plate-lifter.....	D. P. Delinger.....	850,737	Apr. 16	4084	854	127	2702
Plate-lifter.....	E. F. Welch.....	853,529	May 14	2335	486	128	633
Plate-lifter.....	A. E. Phillips.....	857,899	June 25	4782	1015	128	3094
Plates. Apparatus for opening packs of.....	D. M. Somers.....	867,815	Oct. 1	130	39	130	1354
Plates. Machine for forming edges of.....	J. Millen.....	858,887	July 2	901	235-6	129	310
Plates. Means for joining.....	W. Cross.....	868,076	Oct. 15	1361	381	130	1772
Plates. Producing half-tone.....	C. H. McIntosh.....	871,234	Nov. 19	2280	595	131	743
Platen.....	H. H. McIntire.....	869,192	Oct. 22	5104	854	130	2336
Platen-driving mechanisms. Controlling means for platen.....	W. T. Sears, G. E. Greenleaf, and G. T. Reiss.....	847,834	Mar. 19	4273	936	127	1133
Platen-gage.....	O. V. Stapp.....	873,183	Dec. 10	1835	384	131	1487
Platen-releasing device.....	W. Ruger, Jr.....	855,532	June 4	165	33	128	1736
Platen-shift mechanism.....	G. W. Campbell.....	869,347	Oct. 29	3367	926	130	2444
Platform. Dumping.....	F. W. Cooley.....	839,813	Jan. 1	26	6	126	9
Platform, grate, or surface. Traveling.....	A. L. Simpson.....	853,129	May 7	1523	317	128	384
Plating apparatus.....	T. J. Slade.....	845,133	Feb. 26	4803	1017	126	3102
Plating device.....	G. W. Clough.....	870,545	Nov. 12	1057	288	131	372
Plating-separating device.....	P. R. Greist.....	854,943	May 28	5176	1078	128	1421
Platinum contact.....	A. Freier.....	871,686	Nov. 19	3205	793	131	892
Players. Friction-pad for automatic.....	J. W. Davis.....	863,701	Aug. 20	2506	691	129	2930
Pliers.....	C. A. Fritz.....	839,993	Jan. 1	379	83	126	103
Pliers.....	G. G. Worstall.....	851,469	Apr. 23	5518	1156	127	3101
Pliers. Construction of.....	E. Strassburger.....	851,906	Apr. 30	6417	1340	127	3361
Pliers. Holding.....	O. N. Steenstrup.....	853,426	May 14	2125	443	128	578
Pliers. Jeweler's cutting.....	H. B. Rowan.....	854,433	May 21	4155	861	128	1133
Pliers, punch, and similar tool.....	W. A. Bernard.....	848,877	Apr. 2	569	113	127	1735
Pliers. Revolving.....	K. Weiss.....	852,479	May 7	189	34	128	56
Plotting instrument.....	E. L. Campbell.....	845,753	Mar. 5	44	10	127	15
Flow.....	A. Lindgren.....	840,350	Jan. 1	1148	249	126	304
Flow.....	M. Pearson.....	840,364	Jan. 1	1170	254	126	309
Flow.....	B. D. Ligon and W. E. Jennings.....	840,780	Jan. 8	1993	440	126	552
Flow.....	A. Gullickson.....	841,390	Jan. 15	3226	695	126	909
Flow.....	T. J. Johnson.....	841,530	Jan. 15	3484	752	126	978
Flow.....	H. A. Beham.....	842,165	Jan. 29	4783	1021	126	1366
Flow.....	R. M. Warren.....	842,280	Jan. 29	5018	1071	126	1425
Flow.....	S. H. Tucker.....	842,728	Jan. 29	6032	1270	126	1684
Flow.....	H. F. Brussow.....	843,257	Feb. 5	867	176	126	2014
Flow.....	M. J. Breen.....	843,993	Feb. 12	2263	483-4	126	2393
Flow.....	M. J. Breen.....	843,994	Feb. 12	2264	484	126	2393
Flow.....	N. O. Flint.....	844,112	Feb. 12	2480	532	126	2446
Flow.....	B. Nunnally.....	845,254	Feb. 26	5033	1070	126	3159
Flow.....	L. M. Whisenant.....	846,171	Mar. 5	919	194	127	234
Flow.....	L. J. Gilman.....	846,789	Mar. 12	2150	472	127	577
Flow.....	A. Pederson.....	847,025	Mar. 12	2625	577	127	695
Flow.....	E. R. Lovell.....	847,196	Mar. 12	2963	652	127	778
Flow.....	J. McMullin.....	848,565	Mar. 26	5697	1247	127	1522
Flow.....	W. P. Hendon.....	848,825	Apr. 2	455	90	127	1702
Flow.....	J. H. Samuels.....	849,575	Apr. 9	1907	391	127	2110

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Plow	J. B. Jobson	850,011	Apr. 9	2677	561	127	2304
Plow	N. Jennings	850,162	Apr. 16	2973	623	127	2416
Plow	G. A. Stafford and E. Henry	851,260	Apr. 23	5106	1074	127	2997
Plow	S. B. Carter	851,729	Apr. 30	6071	1269	127	3270
Plow	W. D. Dozier	851,872	Apr. 30	6362	1327	127	3347
Plow	C. C. Addington	852,251	Apr. 30	7123	1491	127	3539
Plow	M. D. Main	852,843	May 7	956	196	128	244
Plow	C. Bohrsen	852,986	May 7	1287	268-9	128	327
Plow	W. G. Daniels	853,004	May 7	1306	272	128	331
Plow	R. J. Vickery and J. J. Dinsmore	853,047	May 7	1385	288-9	128	352
Plow	H. F. Brussow	853,158	May 7	1572	327	128	397
Plow	J. S. Click	853,961	May 21	3250	667	128	902
Plow	R. A. Armstrong	854,921	May 28	5141	1070	128	1413
Plow	J. Rivara	857,487	June 18	3967	842-3	128	2769
Plow	G. Wiard	857,852	June 25	4694	995	128	2963
Plow	S. V. Weeks	857,967	June 25	4942	1045-6	128	3045
Plow	C. W. McWane	860,230	July 16	2946	804-5	129	1036
Plow	J. R. Davidson	860,355	July 16	3129	857	129	1098
Plow	E. D. Leet	861,994	July 30	5692	1579	129	1982
Plow	F. Huff	862,825	Aug. 6	1193	321	129	2448
Plow	H. Wiard	865,141	Sept. 3	574	161	130	174
Plow	W. S. Jennings	866,637	Sept. 24	2923	826	130	1005
Plow	E. J. Ingram	867,883	Oct. 8	1008	287-8	130	1641
Plow	J. Willig	869,952	Nov. 5	111	31	131	37
Plow	A. J. Amundson	870,007	Nov. 5	214	57	131	76
Plow	E. V. Posey	870,127	Nov. 5	393	110	131	131
Plow	J. H. Edwards	870,421	Nov. 5	878	236	131	289
Plow	W. Sobey	870,695	Nov. 12	1302	356-7	131	457
Plow	E. Jarrell	874,597	Dec. 24	4696	987	131	2020
Plow	W. Taylor	875,133	Dec. 31	5790	1209	131	2230
Plow and cultivator. Combined	W. P. La Follette	862,977	Aug. 13	1414	385	129	2554
Plow and cultivator. Combined	J. Schimanoski	870,319	Nov. 5	702	189	131	230
Plow and planter. Combined lister	T. J. Dudley	852,777	May 7	801	160-1	128	208
Plow and roller. Furrow	C. E. Holbrook	855,313	May 28	5909	1232	128	1606
Plow and seeder	F. Thurrid	840,177	Jan. 1	779	170-1	126	209
Plow and seeder	F. Thurrid	855,678	June 4	446	93-4	128	1810
Plow-anvil	J. F. Huff	858,514	July 2	262	64	129	94
Plow attachment	T. Wiegert	840,405	Jan. 1	1252	274	126	328
Plow attachment	E. B. Barrows	844,084	Feb. 12	2423	519	126	2431
Plow attachment	O. W. Fisher	845,169	Feb. 26	4865	1031-2	126	3117
Plow attachment	J. E. Kearns	847,583	Mar. 19	3734	820	127	1005
Plow attachment	C. A. Phillips	848,848	Apr. 2	504	98	127	1716
Plow attachment	A. Arter	850,717	Apr. 16	4051	847	127	2695
Plow attachment	W. B. Tunnell	852,086	Apr. 30	6819	1421	127	3462
Plow attachment	C. L. Polk	854,909	May 28	5119	1065	128	1408
Plow attachment	C. I. Mattingly	872,834	Dec. 3	1088	228	131	1338
Plow attachment	J. Bingaman	875,407	Dec. 31	6327	1319	131	2307
Plow attachment. Harness	G. E. and J. A. Lile	850,025	Apr. 9	2697	566	127	2308
Plow. Auto steam	C. G. Hampton	873,229	Dec. 10	1906	400	131	1500
Plow-blade. Combination	L. Johnson	845,176	Feb. 26	4886	1036	126	3122
Plow blade. Cultivating	A. R. Sullivan	848,779	Apr. 2	321	66	127	1668
Plow-carriage	J. Q. Blue and G. H. Marquardt	861,202	July 23	4446	1219	129	1561
Plow-carriage. Motor	J. Q. Blue and G. H. Marquardt	861,081	July 23	4268	1170-1	129	1501
Plow. Convertible hand-	J. T. Foulke	840,836	Jan. 8	2088	462-3	126	575
Plow. Cotton-thinning	W. A. Edgin	839,827	Jan. 1	45	11	126	13
Plow depth-regulator	J. M. Sausser	847,512	Mar. 19	3585	788	127	964
Plow. Disk	C. C. Leuty	848,912	Apr. 2	632	126	127	1750
Plow. Disk	J. J. Matthey	850,946	Apr. 23	4495	940	127	2846
Plow. Ditching	C. T. Howell	850,006	Apr. 9	2672	560	127	2302
Plow. Ditching	E. W. Moody	855,720	June 4	526	110-11	128	1829
Plow draft mechanism	G. E. Govey, W. E. Lees, and J. G. Bell	863,273	Aug. 13	1889	509	129	2703
Plow drag attachment	J. E. Burton	869,056	Oct. 22	2912	802-3	130	2277
Plow drag attachment	J. E. Burton	869,136	Oct. 22	3023	835	130	2310
Plow. Expansion-	J. T. Foulke	871,219	Nov. 19	2225	588	131	738
Plow-fender	J. C. Skidmore	868,714	Oct. 22	2395	662	130	2117
Plow. Gang	G. Bishop	846,643	Mar. 12	1885	414	127	510
Plow. Gang	G. W. Hammers	850,749	Apr. 16	4103	859	127	2707
Plow. Gang	A. Thompson and G. P. Laberee	865,825	Sept. 10	1689	468-9	130	560
Plow. Grooving and ditching	W. M. Benson	843,386	Feb. 5	1096	227	126	2067
Plow-handle	F. R. Stewart	840,393	Jan. 1	1232	269	126	323
Plow-handles to beams. Means for attaching	T. M. Manning	854,750	May 28	4779	992	128	1320
Plow harrow attachment	J. C. Fooshe	869,834	Oct. 29	4134	1142	130	2676
Plow-heel	T. H. Hiley	857,804	June 25	4610	977	128	2963
Plow-heel. Adjustable	G. W. Simmons	855,348	May 28	5973	1246	128	1622
Plow hopple or regulator	W. N. Thornton	851,710	Apr. 30	6039	1262	127	3262
Plow. Irrigating or ditching	M. Jackson	871,039	Nov. 12	1860	509	131	631
Plow-jointer	R. C. Smith	851,902	Apr. 30	6411	1338	127	3359
Plow-jointer. Stubble	D. H. Dickinson	840,922	Jan. 8	2273	500	126	621
Plow. Listing	G. Persson	866,679	Sept. 24	2957	837	130	1015
Plow. Low-lift	D. Halloran	861,833	July 30	5459	1505-6	129	1910
Plow marking attachment	J. M. Perdue	845,573	Feb. 26	5655	1199	126	3312
Plow. Motor	A. Miersch	853,205	May 7	1681	347	128	424
Plow or cultivator	W. T. George	843,393	Feb. 5	1105	229-30	126	2069
Plow-point fastener	J. J. Dorman	871,259	Nov. 19	2315	605	131	752
Plow. Reversible disk	R. C. Belk	860,894	July 23	3976	1090	129	1408
Plow. Reversible disk	C. E. Dixon	866,632	Sept. 24	2879	813-14	130	994
Plow. Reversible disk	C. M. Mallory and J. M. Slaughter	869,499	Oct. 29	3608	989-91	130	2519
Plow. Reversible disk	S. V. Weeks	869,672	Oct. 29	3897	1072-3	130	2606
Plow. Riding	W. L. Casaday	846,184	Mar. 5	937	198-200	127	238
Plow riding attachment	E. Walbaum	857,503	June 18	4003	852	128	2778
Plow. Rotary	C. J. Cunningham	860,352	July 16	3122	854	129	1096
Plow safety riding attachment	C. W. Eckberg	865,876	Sept. 10	1759	490	130	581
Plow. Shovel	R. L. Kilpatrick	840,700	Jan. 8	1831	403	126	512
Plow, shovel, and separator. Combined	G. T. Sebrell	849,577	Apr. 9	1912	392	127	2111
Plow-standard. Adjustable	W. P. Wigley	869,341	Oct. 29	3358	925	130	2441

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Plow. Steam.....	J. W. Vaniman.....	853,046	May 7	1383	288	128	352
Plow. Steam.....	J. Joyce, Jr.....	863,999	Aug. 20	2954	813-14	129	3068
Plow-stock.....	A. R. Mallory.....	848,913	Apr. 2	632	127	127	1570
Plow. Straddle or gang.....	R. C. Henderson.....	857,061	June 18	3163	665-6	128	2569
Plow. Sulky.....	W. S. Graham.....	854,821	May 28	4926	1023-4	128	1356
Plow sulky attachment.....	J. W. Turner.....	842,438	Jan. 29	5391	1141	126	1528
Plow. Traction gang.....	C. J. Johnson.....	854,423	May 21	4137	857	128	1129
Plow. Virgin-ground.....	J. H. Tripp.....	857,319	June 18	3645	772	128	2689
Plow. Wheel.....	G. W. Barnett.....	840,421	Jan. 1	1276	279-80	126	335
Plow. Wheel.....	E. J. Ingram.....	864,646	Aug. 27	3986	1105	129	3417
Plow. Wheel.....	W. H. Parlin.....	874,534	Dec. 24	4587	962	131	1999
Plow. Wheeled.....	W. P. Hendon.....	845,082	Feb. 26	4698	997	126	3072
Plow. Wheeled.....	A. B. Frenier.....	853,448	May 14	2165	450-1	128	588
Plow. Wheeled.....	A. B. Frenier.....	856,240	June 11	1541	323	128	2117
Plow. Wheeled.....	I. A. Weaver.....	865,140	Sept. 3	572	160-1	130	173
Plows. Adjustable scraper attachment for disk.....	J. P. Fell.....	875,166	Dec. 31	5851	1222	131	2229
Plows. Caster-controller for wheeled.....	W. L. Paul.....	869,258	Oct. 29	3214	885	130	2398
Plows. Harrow attachment for.....	J. L. Crisler.....	856,033	June 4	1128	236-7	128	1979
Plows or other agricultural implements. Machine for propelling.....	E. Erixon.....	868,851	Oct. 22	2597	717	130	2178
Plows. Plowing-under attachment for.....	T. J. Churchill.....	871,388	Nov. 19	2617	670	131	797
Plows. Subsoiler attachment for lister.....	G. W. Ferguson.....	866,450	Sept. 17	2614	730	130	882
Plows. Tail-block for sulky.....	F. L. Thompson.....	860,704	July 23	3682	1007	129	1813
Plows tandem. Coupling for connecting.....	J. L. M. Brooks.....	851,058	Apr. 23	4695	987	127	2897
Plowing-machine.....	G. M. Clark.....	865,294	Sept. 3	812	234-5	130	245
Plowshare.....	E. B. Murphy.....	848,041	Mar. 26	4722	1029	127	1279
Plowshare.....	A. Lindgren.....	860,308	July 16	3058	837	129	1075
Plug and receptacle. Attaching.....	F. C. De Reamer.....	852,708	May 7	677	131	128	177
Plug and receptacle. Fused.....	J. C. Hatzel and E. L. Morley.....	857,735	June 25	4465	943	128	2927
Plug and wall-receptacle. Attaching.....	J. J. Hartley and F. C. De Reamer.....	848,902	Apr. 2	615	122	127	1746
Plug. Attachment.....	J. G. Peterson.....	844,044	Feb. 12	2350	503	126	2414
Plug. Attachment.....	C. J. Klein.....	845,712	Feb. 26	5934	1254	126	3382
Plug. Attachment.....	W. C. Tregoning.....	861,238	July 23	4504	1233	129	1580
Plug. Electrical attachment.....	G. W. Goodridge.....	845,543	Feb. 26	5612	1188	126	3302
Plug. Electrical connecting.....	F. M. Vogel and C. E. White.....	848,941	Apr. 2	672	135	127	1759
Plug. Flush attachment.....	H. Hubbell.....	857,176	June 18	3387	715	128	2624
Plug-in switch.....	H. D. Murdock.....	867,743	Oct. 8	780	219	130	1571
Plug. Safety.....	B. W. Robinson.....	848,205	Mar. 26	4982	1090	127	1345
Plug. Safety.....	B. W. Robinson.....	848,206	Mar. 26	4984	1090	127	1346
Plug-seat switch.....	E. E. Yaxley.....	860,070	July 16	2715	740	129	962
Plug. Straining.....	J. H. McEvoy.....	874,418	Dec. 24	4344	914	131	1962
Plug-switch.....	E. C. Eldredge.....	860,360	July 16	3135	858	129	1100
Plug. Wall.....	J. Prescott.....	840,804	Jan. 8	2032	449	126	561
Plumb and level.....	S. C. Matthews.....	863,415	Aug. 13	2082	561	129	2767
Plumb and level device. Spirit.....	W. Foster and T. L. Schenck.....	871,684	Nov. 19	3203	793	131	891
Plumb-bob.....	A. Crothett.....	854,931	May 28	5156	1074	128	1417
Plumb-bob.....	O. C. McQuaid.....	870,576	Nov. 12	1103	302	131	390
Plumb-bob support.....	A. M. Parsons.....	852,676	May 7	622	119	128	162
Plumber's tool.....	L. D. Putney.....	872,748	Dec. 3	904	187	131	1310
Plumber's trap.....	C. T. Byrne.....	841,118	Jan. 15	2692	588	126	773
Plumber's trap.....	A. J. Rudolph.....	873,792	Dec. 17	3029	643	131	1723
Plumbing joint and fitting.....	W. J. and P. M. Forster.....	858,865	July 2	876	228	129	301
Plunger-elevator.....	J. W. Brown.....	872,327	Dec. 3	15	3	131	1171
Pneumatic-action mechanism.....	A. G. Gulbransen.....	874,763	Dec. 24	5031	1060	131	2075
Pneumatic and other drill.....	M. Harbsoeg.....	868,661	Oct. 22	2296	638	130	2086
Pneumatic carrier.....	M. B. Rifo.....	843,769	Feb. 12	1842	392	126	2290
Pneumatic carrier.....	M. B. Rifo.....	853,937	May 14	3191	654	128	848
Pneumatic cleaner.....	P. Schauer.....	844,410	Feb. 19	3116	668	126	2643
Pneumatic cleaner.....	W. W. Conover.....	847,278	Mar. 12	3106	684	127	814
Pneumatic cleaner.....	A. Richter.....	858,911	July 2	939	245	129	323
Pneumatic cleaner and separator.....	B. E. Sweet.....	840,724	Jan. 8	1882	414-15	126	525
Pneumatic compressors. Controller for.....	L. H. Rogers.....	859,845	July 9	2348	638	129	812
Pneumatic control system.....	E. J. Bring.....	842,619	Jan. 29	5767	1218-19	126	1619
Pneumatic cushion.....	V. H. Podstata.....	850,181	Apr. 16	3017	632	127	2427
Pneumatic cushion.....	W. C. McCullough.....	871,811	Nov. 26	3477	852	131	963
Pneumatic-cushion wheel.....	M. A. Holzmark.....	852,436	May 7	51	10	128	16
Pneumatic delivery system.....	W. McClave.....	867,068	Sept. 24	3554	1006-7	130	1208
Pneumatic-despatch apparatus.....	F. R. Taisey.....	840,880	Jan. 8	2186	482	126	599
Pneumatic-despatch apparatus.....	C. F. Stoddard.....	842,353	Jan. 29	5178	1100-1	126	1467
Pneumatic-despatch apparatus.....	F. R. Taisey.....	852,913	May 7	1123	232	128	286
Pneumatic-despatch apparatus.....	F. R. Taisey.....	852,914	May 7	1125	232-3	128	286
Pneumatic-despatch apparatus.....	E. A. Fordyce.....	873,531	Dec. 10	5313	531	131	1603
Pneumatic-despatch-apparatus carrier.....	C. F. Stoddard.....	842,352	Jan. 29	5176	1100	126	1466
Pneumatic-despatch carrier.....	C. H. Burton.....	847,234	Mar. 12	3022	666	127	792
Pneumatic-despatch carrier.....	J. W. Upp and W. O. Wakefield.....	860,947	July 23	4059	1111	129	1436
Pneumatic-despatch-tube apparatus.....	I. W. Litchfield.....	861,375	July 30	4751	1298	129	1694
Pneumatic-despatch-tube apparatus.....	I. W. Litchfield.....	862,342	Aug. 6	383	106	129	2203
Pneumatic-despatch-tube apparatus.....	F. W. Knott.....	867,050	Sept. 24	3527	1000	130	1199
Pneumatic-despatch-tube apparatus.....	C. F. Stoddard.....	869,337	Oct. 29	3352	923	130	2439
Pneumatic-despatch-tube apparatus.....	C. F. Stoddard.....	869,338	Oct. 29	3355	924	130	2440
Pneumatic-despatch-tube apparatus.....	A. W. Pearsall.....	873,590	Dec. 10	2628	553	131	1623
Pneumatic-despatch-tube apparatus.....	E. A. Fordyce.....	873,740	Dec. 17	2936	622-3	131	1706
Pneumatic-despatch-tube-apparatus carrier.....	C. F. Stoddard.....	842,354	Jan. 29	5182	1101	126	1468
Pneumatic-despatch-tube-apparatus carrier.....	C. F. Stoddard.....	842,355	Jan. 29	5184	1101-2	126	1468
Pneumatic-despatch-tube-apparatus carrier.....	J. S. Palmer.....	842,419	Jan. 29	5338	1131	126	1513
Pneumatic-despatch-tube apparatus. Carrier for.....	I. W. Litchfield.....	871,423	Nov. 19	2696	684	131	807
Pneumatic-despatch-tube apparatus. Terminal for.....	I. W. Litchfield.....	873,565	Dec. 10	2582	543-4	131	1613
Pneumatic-despatch-tube carrier.....	E. G. Thomas.....	861,334	July 30	4679	1279	129	1673
Pneumatic-despatch-tube carrier.....	M. C. Schwab.....	863,456	Aug. 13	2139	577	129	2782
Pneumatic-despatch-tube system.....	J. S. Jacques.....	842,836	Jan. 29	6225	1314-15	126	1730
Pneumatic-despatching-tube system.....	C. H. Burton.....	847,233	Mar. 12	3020	665	127	792
Pneumatic diaphragms. Apparatus for making.....	M. S. Wright.....	861,418	July 30	4828	1324	129	1719
Pneumatic drill.....	H. P. Taylor.....	841,069	Jan. 8	2561	560	126	695
Pneumatic drill.....	P. H. Murphy.....	856,083	June 4	1205	255	128	1997
Pneumatic drill.....	A. C. Murphy.....	856,285	June 11	1639	340	128	2142
Pneumatic drill.....	P. H. Murphy.....	856,651	June 11	2391	492-3	128	2333

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Pneumatic drill	F. Hart	862,905	Aug. 13	1310	356-8	129	2515
Pneumatic drill. Portable	H. J. Kimman	871,939	Nov. 26	3750	913-15	131	1009
Pneumatic elevator	K. Brühlle	853,677	May 14	2629	545-6	128	709
Pneumatic engine	E. Leichter	848,255	Mar. 26	5076	1110	127	1369
Pneumatic engine	E. D. Ackerman, C. E. Clinton, and R. N. Eltom.	864,220	Aug. 27	3298	914	129	3203
Pneumatic gate	W. P. and W. P. Elliott, Jr.	871,391	Nov. 19	2622	670	131	797
Pneumatic motor	T. Turner	842,359	Jan. 29	5194	1103	126	1472
Pneumatic motor	P. Wuest, Jr.	851,472	Apr. 23	5525	1157-8	127	3102
Pneumatic motor	J. H. Chase	852,820	May 7	913	187	128	233
Pneumatic motor	W. F. Rothe	872,751	Dec. 3	910	188-90	131	1311
Pneumatic motor and speed-governor	T. Danquard. (Reissue)	12,736	Dec. 31	6973	1482	131	2395
Pneumatic renovator	T. J. Sullivan and G. J. Harris	845,275	Feb. 26	5082	1080	126	3172
Pneumatic separator	A. M. Anderson and C. Quesnell	866,415	Sept. 17	2566	716-17	130	865
Pneumatic-service carrier	M. B. Rifo	853,936	May 14	3190	654	128	848
Pneumatic-spoke wheel	A. H. Thibault	866,537	Sept. 17	2730	763-4	130	915
Pneumatic spring	A. C. Mather	850,387	Apr. 16	3403	713	127	2531
Pneumatic suspension means	J. H. Clark	867,570	Oct. 8	529	151	130	1494
Pneumatic transmission system	J. J. Stotzel	856,109	June 4	1250	263	128	2008
Pneumatic tree	D. M. Reid	840,160	Jan. 1	751	164	126	204
Pneumatic-tube-apparatus carrier	W. A. Brown	867,225	Sept. 24	3806	1074	130	1288
Pneumatic-tube-apparatus carrier	E. A. Fordyce	873,530	Dec. 10	2512	530	131	1602
Pneumatic-tube apparatus. Carrier-separator for	C. S. Jennings	851,754	Apr. 30	6112	1277	127	3280
Pneumatic-tube system	B. C. Batcheller	840,194	Jan. 1	815	179	126	218
Pneumatic-tube system	B. C. Batcheller	840,464	Jan. 8	1362	301-2	126	396
Pneumatic-tube system	B. C. Batcheller	840,465	Jan. 8	1365	303	126	396
Pneumatic-tube system	B. C. Batcheller	862,601	Aug. 6	848	226-7	129	2347
Pneumatic-tube systems. Governing mechanism for	B. C. Batcheller	862,696	Aug. 6	988	263-4	129	2387
Pneumatic-tube systems. Hand-hole for	W. V. Hart and F. J. Novak	856,145	June 4	1338	280	128	2031
Pneumatic wheel	W. L. Barnard	845,842	Mar. 5	211	43	127	55
Pneumomedical apparatus	G. L. Warnken	859,156	July 2	1302	346	129	439
Pocket and other case	W. E. Edwards	854,989	May 28	5264	1095	128	1442
Pocket and other case	W. E. Edwards	854,990	May 28	5266	1096	128	1443
Pocket. Apparel-	J. Dean	853,068	May 7	1417	296	128	359
Pocket article-guard	S. Korff	867,051	Sept. 24	3529	1000	130	1200
Pocket-book	W. B. Rood	840,661	Jan. 8	1755	386	126	494
Pocket-book. Imitation	F. S. Egloff	844,337	Feb. 19	2972	635	126	2609
Pocket-book safety attachment	S. W. Wilson	861,008	July 23	4169	1142	129	1470
Pocket-books and hand-bags. Safety-lock for	F. P. Geyer	872,619	Dec. 3	631	133	131	1266
Pocket-closer	T. Slackowski	844,965	Feb. 19	4446	950	126	2969
Pocket. Garment-	J. Oleschak	862,992	Aug. 13	1433	390	129	2559
Pocket-knife	G. Schrade	845,130	Feb. 26	4797	1016	126	3100
Pocket-knife	S. Saunderson	847,206	Mar. 12	2978	656	127	783
Pocket-knife	E. H. Hawley	847,474	Mar. 19	3513	769	127	945
Pocket-knife	A. G. Zimmer	861,789	July 30	5389	1486	129	1889
Pocket-knife	J. D. Case	866,431	Sept. 17	2585	722	130	872
Pocket-knife	H. Berns	873,206	Dec. 10	1872	392	131	1494
Pocket-knife and manicuring-tool. Combined	H. M. Willis	870,604	Nov. 12	1148	313	181	406
Pocket-protector. Invisible	B. Almy	864,281	Aug. 27	3391	943	129	3231
Pocket-register	W. S. Noyes	866,670	Sept. 24	2937	831	130	1009
Pocket. Safety-	E. Shaw	851,259	Apr. 23	5106	1074	127	2997
Pocket. Safety-	E. Shaw	851,966	Apr. 30	6561	1367	127	3397
Pocket. Safety-	J. R. Williams	874,815	Dec. 24	5118	1078	131	2091
Pocket safety attachment. Watch-	M. M. Strauss	866,744	Sept. 24	3059	863	130	1055
Pocket. Safety watch-	G. W. Robertson	848,924	Apr. 2	646	129	127	1753
Pocket. Safety watch-	C. E. Redfern	868,941	Oct. 22	2735	754	130	2222
Pocket. Watch-	A. Ehrentreu	862,321	Aug. 6	354	97	129	2194
Pointing-tool	B. F. Davis	845,530	Feb. 26	5585	1183	125	3295
Poisons. Obtaining solutions of bacterial	P. Bergell and F. Meyer	842,612	Jan. 29	5752	1491	127	3539
Poke. Animal-	A. Willman	852,250	Apr. 30	7122	914	128	1196
Poke. Animal-	J. F. Carter	854,567	May 21	4408	881	129	1129
Poke. Animal-	M. M. Seay	860,415	July 16	3224	1097	130	2628
Poke. Animal-	G. R. Mumford	869,722	Oct. 29	3970	937	131	1980
Poke. Cattle-	T. E. Adams	874,478	Dec. 24	4441	415	129	2590
Poke. Hog-	T. L. Douglass	863,057	Aug. 13	1528	1037	126	3123
Poker and clinker-hook. Combination	C. S. Kraft	845,180	Feb. 26	4890	1006	126	3086
Polarity-indicator	P. Leo	845,101	Feb. 26	4744	142	126	1965
Pole	H. Petterson	843,171	Feb. 5	678	377	129	513
Pole	G. M. Lane	859,233	July 9	1421	1181	131	2197
Pole and like erecting machine	J. H. Green	875,065	Dec. 31	5658	341	130	1733
Pole and shaft for road-vehicles	J. A. Montgomery	867,992	Oct. 15	1233	1028-9	128	3024
Pole-arm. Wrought-metal	M. E. Harrison	857,938	June 25	4861	1074	129	1389
Pole-arm. Wrought-metal	M. E. Harrison	860,864	July 23	3918	804	130	986
Pole attachment. Vehicle-	W. Bollwahn	866,617	Sept. 24	2853	41	130	45
Pole-base	M. H. Murray	864,854	Sept. 3	145	597	130	2009
Pole-changer	E. McLean	868,576	Oct. 15	2136	764	130	2233
Pole-changer	W. H. Cotton	868,968	Oct. 22	2772	825	131	1860
Pole-changer	L. Kiblinger	874,208	Dec. 17	3918	92	128	131
Pole-climbing apparatus	J. A. Roth	852,623	May 7	498	50	130	1364
Pole for supporting overhead wires and the like.	W. M. Bailey	867,335	Oct. 1	168			
Cementitious							
Pole raising and lowering apparatus	E. Godwin	369,894	Nov. 5	35	10	131	13
Pole-seat. Safety	C. H. Coar	851,650	Apr. 30	5911	1235	127	3229
Pole. Sheet-metal	W. L. Wright	873,144	Dec. 10	1748	367	131	1474
Pole-socket. Rear-end	J. Braun	860,723	July 23	3711	1016	129	1321
Pole-splicing device	F. N. Drane	841,489	Jan. 15	3420	736	126	962
Pole-support	A. J. Nelson	852,896	May 7	1080	223	128	276
Pole-tip	L. J. Lucey	845,802	Mar. 5	135	25	127	38
Pole-tip	J. T. Jacobsen	852,561	May 7	383	69	128	101
Pole-tip	W. T. McCauley	852,571	May 7	402	73	128	106
Pole tip. Vehicle-	H. A. Nord	866,382	Sept. 17	2524	703	130	851
Pole tip. Vehicle-	E. W. Boswell	846,902	Mar. 12	2392	526	127	638
Poles. Shoe for wooden	C. O. Müller	843,762	Feb. 12	1833	390	126	2288
Police-leader	J. Malcolm	863,298	Aug. 13	1921	519	129	2712
Police patrol-box	G. V. Doherty	850,910	Apr. 23	4428	926	127	2831
Policeman's club	C. J. Diehl and H. W. C. Eickhoff	849,216	Apr. 2	1211	246	127	1898

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr-g.	Vol.	Page.
Polisher and cleaner	W. J. M. Hames	844,865	Feb. 19	4280	912	126	2929
Polishing composition	T. A. D. Ackley	854,448	May 21	4193	-----	128	1144
Polishing composition. Making a	M. and E. Springborn	840,167	Jan. 1	764	-----	126	207
Polishing compound	E. W. McFarren	847,098	Mar. 12	2762	-----	127	727
Polishing-machine	E. Krüger	855,644	June 4	380	79	128	1791
Polishing-machine	D. F. Arburn	856,331	June 11	1746	361-2	128	2169
Polishing-machine	D. F. Arburn	865,557	Sept. 10	1263	358	130	413
Polishing-machine	P. H. Barz	867,633	Oct. 8	623	175-6	130	1525
Polishing-machine	G. Smith	870,056	Nov. 5	284	778	131	97
Polishing-machine	C. M. Nichols	873,583	Dec. 10	2615	551	131	1620
Polishing-machine for marble and analogous materials.	C. and J. D. Stamper	870,321	Nov. 5	704	190	131	231
Polishing-rod grip	L. A. Smithson	863,461	Aug. 13	2147	579	129	2785
Polishing-wheel	J. B. Fontaine	851,984	Apr. 30	6592	1374	127	3404
Polishing-wheel	D. F. McGovern	861,476	July 30	4914	1349	129	1743
Polishing-wheel and mandrel therefor.	L. E. Hall	872,932	Dec. 3	1276	272	131	1368
Polycycle	J. Müller	862,650	Aug. 6	918	246-7	129	2368
Pool and billiard table cushion-rail	G. A. Lang	854,225	May 21	3788	781	128	1039
Pool and billiard tables. Dust-protector for	L. J. Dirand	847,246	Mar. 12	3045	671	127	798
Pool-ball carrier	J. A. Smith	872,766	Dec. 3	939	195	131	1316
Pool-ball frame	T. H. Callahan	854,799	May 28	4880	1013	128	1344
Pool-ball rack	G. F. Goss	868,427	Oct. 15	1907	534-5	130	1936
Pool bowling-table	T. A. Upton	875,015	Dec. 31	5566	1163	131	2182
Pool-table	H. L. Haskell	853,636	May 14	2556	529-30	128	689
Pool-table	H. L. Haskell	857,057	June 18	3147	663	128	2565
Pool-table attachment	F. W. Flint	850,360	Apr. 16	3353	699	127	2519
Pool-table pocket	W. H. Houts	842,550	Jan. 29	5613	1187-8	126	1581
Popcorn-buttering device	J. M. Kline	872,239	Nov. 26	4412	1048	131	1105
Popcorn-machine. Electric	W. H. Bean	870,155	Nov. 5	437	119	131	143
Popping-machine	N. B. Post	864,685	Aug. 27	4048	1125-6	129	3436
Porcelain and other vitreous substances. Producing threads and undercuts on	H. P. Osborn	865,314	Sept. 3	847	243	130	257
Porcelain. Firing	C. Ellis	840,559	Jan. 8	1570	346	126	446
Porch-cleaner	M. Mueller	873,451	Dec. 10	2343	492	131	1575
Porous and fibrous substances. Treating and degumming	G. D. Burton	870,157	Nov. 5	438	-----	131	144
Portable chair	E. Domsen and F. L. Kujawa	854,154	May 21	3635	752	128	997
Portable chair	W. B. Frederick and C. L. Okell	861,509	July 30	4953	1360	129	1756
Portable elevator	F. H. and F. H. Brown	846,725	Mar. 12	2015	443	127	542
Portable elevator	J. Beach	862,874	Aug. 13	1269	344	129	2508
Portable elevator	J. B. Bushnell	866,619	Sept. 24	2856	805-6	130	987
Portable elevator and corn-husking mechanism. Combined	O. S. Ellithorp	842,775	Jan. 29	6119	1291-2	126	1704
Portable elevator and wagon-dump	F. J. Smith	866,528	Sept. 17	2719	760	130	912
Portable elevator. Revolving	T. J. McCarthy	854,961	May 28	5206	1085	128	1429
Portable furnace	G. E. Ruhmann	875,216	Dec. 31	5954	1240	131	2247
Portable furnace and anvil	W. A. Barnes	863,578	Aug. 20	2324	636	129	2866
Portable house	A. H. Gill	844,861	Feb. 19	4272	910-11	126	2927
Portable house	J. L. Bergvall	859,727	July 9	2173	587-8	129	756
Portable house	J. D. Horton	865,590	Sept. 10	1306	370	130	425
Portable mold	W. L. Hart	856,866	June 11	2778	578-9	128	2430
Portfolio	J. B. Pitcher	858,535	July 2	291	72	129	103
Portraits and other tablets to walls. Means for securing	F. T. Mallon	846,493	Mar. 12	1556	345	127	426
Positive-feed lubricator	J. H. Wesson	846,967	Mar. 12	2515	555	127	669
Post:							
See Anchor-post.	Lantern or lamp post.						
Battery binding-post.	Railway bumping-post.						
Binding-post.	post.						
Cement post.	Spring binding-post.						
Composition or concrete post.	Stock-rubbing post.						
Fence-post.	Tool-post.						
Gate-post.	Turret tool-post.						
Hitching-post.	Velocipede-seat post.						
Post-anchoring device	Window corner-post.						
Post and molding-machine							
Post and show-window fastener. Expansion							
Post-brace							
Post-card. Folding							
Post-card frame or mount							
Post-card protector. Souvenir							
Post-cards and the like. Coin-freed apparatus for picture							
Post-driver							
Post-driver							
Post-driving apparatus							
Post-driving machine							
Post-forming device							
Post-hole digger							
Post-hole digger							
Post-hole digger							
Post-hole digger							
Post-hole digger and pole-setter							
Post-hole digger and wire-stretcher. Combined							
Post-mold							
Post-mold							
Post-protector							
Posts. Pattern for ornamental							
Postal box. Rural-delivery							
Postal-card protector							
Postal card. Self-fastening							
Postal card. Souvenir							
Postal card. Souvenir							
Postal mailing-card							
Postal souvenir-folder							
	W. H. Cowee	849,726	Apr. 9	2174	447	127	2175

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Postmarking and canceling machine	N. A. Krag and G. A. Hansen....	848,558	Mar. 26	5668	1241	127	1515
Postmarking and canceling machine	M. V. B. Ethridge.....	854,815	May 28	4905	1020-1	128	1350
Pot:							
<i>See</i> Coffee-pot. Glass-melting pot.							
Cooking-pot. Grease-pot.							
Dash-pot. Separating-pot.							
Fire-pot. Tea and coffee pot.							
Flower-pot. Type - metal - melting							
Furnace fire-pot. pot.							
Pot-cleaner	E. C. Lewis.....	857,527	June 18	4043	860	128	2789
Pot-head	W. Callahan.....	845,614	Feb. 26	5726	1212	126	3330
Pot-lid	E. E. Spottswood.....	869,746	Oct. 29	4006	1107	130	2638
Pot or pan lifter	E. L. Fisk.....	845,771	Mar. 5	77	15	127	23
Pots, kettles, &c. Detachable handle for	R. Hoffmann and F. W. Pleines..	864,372	Aug. 27	3523	978	129	3272
Pots, vases, &c. Manufacturing	J. W. Bird.....	858,499	July 2	242	59	129	88
Potash from feldspathic or other potash-bearing rock. Extracting	A. S. Cushman.....	851,922	Apr. 30	6468	.....	127	3374
Potassium compounds from feldspar. Extraction of	A. J. Swayze.....	862,676	Aug. 6	958	.....	129	2379
Potassium compounds. Producing	R. H. McKee.....	869,011	Oct. 22	2843	.....	130	2255
Potato cleaning and sizing machine	D. Wilson.....	851,466	Apr. 23	5514	1154-5	127	3099
Potato cutter and planter. Combined	J. J. Putney.....	860,493	July 16	3333	913-14	129	1166
Potato cutter. Seed-	C. R. Gage.....	845,627	Feb. 26	5754	1218	126	3336
Potato-cutting machine	J. J. Simon.....	859,345	July 9	1603	425-6	129	573
Potato-digger	J. L. Albin.....	844,908	Feb. 19	4356	930	126	2946
Potato-digger	N. Keller.....	845,239	Feb. 26	5008	1065	126	3153
Potato-digger	J. and W. Reuther.....	847,606	Mar. 19	3779	828-9	127	1016
Potato-digger	E. B. Church.....	848,348	Mar. 26	5290	1154	127	1421
Potato-digger	J. Smith.....	850,682	Apr. 16	3988	833	127	2680
Potato-digger	G. N. Holland.....	855,457	June 4	32	7-8	128	1703
Potato-digger	J. W. Hammett.....	858,809	July 2	788	206	129	274
Potato-digger	J. Moreau.....	860,227	July 16	2942	803	129	1035
Potato-digger	W. J. Ellard.....	864,234	Aug. 27	3318	919	129	3209
Potato-digger	O. Sanderson.....	866,889	Sept. 24	3272	921	130	1120
Potato-digger	B. H. Pugh.....	868,006	Oct. 15	1251	347	130	1738
Potato-digger	J. Schimanoski.....	870,320	Nov. 5	703	189	131	230
Potato digger and assorter	J. P. Herbert, H. S. and E. J. Price.....	847,071	Mar. 12	2714	598	127	717
Potato-digger and cotton-chopper. Combined	R. Krause.....	850,019	Apr. 9	2690	564	127	2306
Potato digger and shaker	M. Hebling.....	870,677	Nov. 12	1274	347-8	131	448
Potato-digger. Hand	F. R. Lancaster.....	857,182	June 18	3397	717	128	2627
Potato-digger. Sulky	I. A. Dodge.....	844,106	Feb. 12	2472	530	126	2443
Potato-diggers. Vine-separating mechanism for	A. L. Hoover.....	865,780	Sept. 10	1593	451	130	517
Potato-diggers. Vine-separator for	A. L. Hoover.....	865,703	Sept. 10	1476	417	130	480
Potato-digging machine	E. G. Schreiber.....	853,601	May 14	2471	514-15	128	667
Potato-digging machine	F. Schulze.....	861,771	July 30	5360	1479	129	1879
Potato-elevator and vine-separator. Combined	A. L. Hoover.....	866,932	Sept. 24	3342	943-4	130	1142
Potato-eye remover	A. C. Kent.....	853,306	May 14	1923	398	128	526
Potato-masher	A. T. Stewart.....	840,392	Jan. 1	1231	269	126	323
Potato-masher	M. E. French.....	874,756	Dec. 24	5018	1057	131	2072
Potato-masher	D. E. Johnston.....	875,530	Dec. 31	6562	1370	131	2345
Potato-sorter	B. H. Pugh.....	863,642	Aug. 20	2432	668	129	2905
Potatoes and other tubers. Growing sweet	G. Hitz.....	849,787	Apr. 9	2289	471	127	2206
Potatoes, onions, and other products. Machine for grading and cleaning	J. Gascard and R. Shimmen.....	874,321	Dec. 17	4147	873	131	1897
Potential-regulator	W. H. Thompson.....	851,709	Apr. 30	6037	1261-2	127	3261
Potential-regulator	E. Lehr.....	854,829	May 28	4942	1027-8	128	1361
Potential-regulator	J. H. Duncan.....	855,450	June 4	21	5	128	1700
Potential-starter attachment	H. W. Cheney.....	868,596	Oct. 15	2186	610	130	2028
Pottery-glazing machine	R. M. Matthews.....	852,734	May 7	721	141-2	128	189
Poultry-fountain	C. F. Gill.....	852,177	Apr. 30	6994	1460	127	3506
Poultry-fountain	A. K. Johns and W. Lansing.....	854,647	May 21	4548	949	128	1230
Poultry-fountain	M. L. Weldon.....	869,400	Oct. 29	3453	948	130	2472
Poultry-fountain	W. Swager and W. L. Volz.....	871,377	Nov. 19	2584	662	131	792
Poultry-inclosure	P. McEvoy.....	846,688	Mar. 12	1956	430	127	528
Poultry-picking device	E. Covert.....	873,844	Dec. 17	3156	672	131	1741
Pounder-washer	R. Hayes.....	857,567	June 18	4133	875	128	2809
Powder-box	J. A. Bucke.....	843,438	Feb. 5	1183	248	126	2087
Powder-box	C. Bokay.....	875,497	Dec. 31	6501	1356	131	2335
Powder box. Tooth-	W. H. Perkins.....	857,414	June 18	3821	810	128	2733
Powder charges. Envelop for	C. Davis.....	864,725	Aug. 27	4114	1142	129	3457
Powder-compacting device for druggists	O. Ware.....	856,006	June 4	1082	225	128	1967
Powder-dispensing receptacle	E. Terry.....	853,658	May 14	2603	540	128	702
Powder-distributor	C. H. Leggett.....	840,141	Jan. 1	720	156	126	196
Powder-distributor	C. H. Leggett.....	840,142	Jan. 1	723	156-7	126	197
Powder-distributor	W. J. Barber.....	846,718	Mar. 12	2001	440	127	538
Powder-distributor	C. N. Choate.....	847,464	Mar. 19	3500	766	127	942
Powder. Making smokeless	M. A. G. Himalaya.....	853,085	May 7	1443	302	128	366
Powder-manufacturing apparatus. Smokeless-	G. W. Gentieu.....	856,859	June 11	2764	574	128	2426
Powder. Pattern-	G. Pinkus.....	840,251	Jan. 1	927	.....	126	252
Powder-receptacle	F. H. Abbott.....	851,474	Apr. 23	5530	1158	127	3103
Powder-receptacle. Tooth-	H. L. De Mond.....	867,017	Sept. 24	3473	984	130	1185
Powder-receptacle top	A. F. Wolff.....	859,897	July 9	2430	661	129	836
Powder. Semis-okeless	G. W. Gentieu.....	868,919	Oct. 22	2700	.....	130	2210
Powder. Smokeless	J. L. Brown and D. P. Moore.....	868,158	Oct. 15	1467	.....	130	1805
Powdered materials. Receptacle for	W. West.....	844,640	Feb. 19	3811	806	126	2808
Powdered or mastic material. Machine for packing	G. F. Apple.....	851,791	Apr. 30	6184	1291-2	127	3300
Powdered substances. Receptacle for	Y. K. Buell.....	873,497	Dec. 10	2440	513	131	1591
Power:							
<i>See</i> Horse-power. Ratchet-power.							
Pump-power.							
Power apparatus	W. W. Flickinger.....	863,839	Aug. 20	2723	750	129	2998
Power. Apparatus for converting, storing, and utilizing wind-	B. Valiquet.....	874,140	Dec. 17	3774	795-6	131	1836
Power. Apparatus for the generation of	A. McCarthy.....	865,720	Sept. 10	1501	423-4	130	488
Power apparatus. Internal-combustion	S. A. Reeve.....	872,452	Dec. 3	279	57	131	1212
Power-brake	L. Pfingst.....	843,625	Feb. 12	1590	336	126	2225

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Power-brake. Mechanical	L. Pfingst	857,752	June 25	4499	949	128	2935
Power-controlling mechanism	W. R. McKeen, Jr.	862,186	Aug. 6	120	33-4	129	2121
Power-converting and transmitting mechanism	P. J. Collins	859,283	July 9	1492	399	129	535
Power-dam. Portable	W. H. Crow	873,845	Dec. 17	3158	673	131	1741
Power device. Auxiliary	J. G. Murphy	874,787	Dec. 24	5071	1068	131	2082
Power-drill	S. W. Boone	860,628	July 23	3569	979	129	1277
Power-driven machines. Shifter-rod for	M. F. Field and E. F. Hathaway	871,681	Nov. 19	3196	792	131	890
Power from flowing water. Means for obtaining	R. McLaughlin	868,798	Oct. 22	2523	695	130	2156
Power. Generating	A. B. Goodspeed and B. Beskow	848,026	Mar. 26	4694	1023	127	1272
Power-generator. Electromagnetic	R. A. Miller	842,413	Jan. 29	5321	1128	126	1509
Power-generator. Electromagnetic	J. L. Potter	872,251	Nov. 26	4430	1052-3	131	1109
Power-generator. Explosive	H. Bevier and J. J. Durage	850,992	Apr. 23	4566	956	127	2564
Power in engines and self-propelled vehicles. Apparatus for generating and utilizing	M. W. Hall	871,335	Nov. 19	2495	644	131	779
Power in helical springs. Device for storing up	M. Hermsdorf	864,165	Aug. 27	3214	890	129	3175
Power-machine	P. F. Oddie	861,047	July 23	4222	1156	129	1486
Power-machine. Combination	G. M. Vroomes	847,855	Mar. 19	4309	945-7	127	1142
Power mechanism	E. C. Hodges	856,258	June 11	1573	330	128	2125
Power-operated shovel	C. M. Weaver	862,427	Aug. 6	529	142-5	129	2251
Power plant	F. Yeoman	842,368	Jan. 29	5223	1107-8	126	1481
Power plant. Floating	J. W. Dawson	867,192	Sept. 24	3761	1062-3	130	1273
Power-press	H. K. Forbis	840,761	Jan. 8	1951	429	126	541
Power-press	H. H. Hamlett	862,391	Aug. 6	476	127-8	129	2226
Power-press	T. R. Bayliss	867,093	Sept. 24	3596	1019-20	130	1230
Power. Production of fluid for	F. Miller	864,017	Aug. 20	2973	820	129	3074
Power-shovel	R. Belden	856,018	June 4	1103	229-30	128	1973
Power-shovel	J. Kiesler	862,486	Aug. 6	650	174-5	129	2290
Power. Storing hydraulic	L. Von Gerstenbergk-Zech	853,146	May 7	1554	323	128	393
Power system	G. Y. Bonus	854,980	May 28	5242	1092	128	1438
Power system	G. Ayres	862,375	Aug. 6	436	119	129	2222
Power system	R. H. Goldsborough	871,993	Nov. 26	3906	942-3	131	1024
Power transmission	M. Moskowitz	844,165	Feb. 12	2579	552	126	2470
Power transmission	W. E. Belt	851,197	Apr. 23	4974	1045-6	127	2965
Power transmission	G. S. Bluebaum	853,154	May 7	1565	325	128	395
Power transmission	D. M. Le Baron	867,060	Sept. 24	3541	1003	130	1204
Power-transmission apparatus	W. T. Sears	858,764	July 2	692	184	129	240
Power-transmission apparatus. Hydraulic	G. L. M. Dörwald	845,874	Feb. 12	2044	438	126	2339
Power-transmission apparatus. Liquid-	L. J. Wing	873,819	Dec. 17	3084	657-8	131	1732
Power-transmission coupling device	A. M. Van-Halen	866,238	Sept. 17	2299	643	130	779
Power-transmission device	F. de Coligny	839,989	Jan. 1	374	81-2	126	102
Power-transmission device	W. T. Sears	841,723	Jan. 22	3865	839	126	1106
Power-transmission device	W. T. Sears	844,415	Feb. 19	3125	670	126	2646
Power-transmission device	W. T. Sears	844,546	Feb. 19	3403	733	126	2714
Power-transmission device	J. J. Bartenstein	847,457	Mar. 19	3485	763	127	937
Power-transmission device	L. Fritschka and C. Koch	848,096	Mar. 26	4809	1049	127	1302
Power-transmission device	C. A. Taylor	848,703	Apr. 2	164	35	127	1628
Power-transmission device	A. Churchward	849,051	Apr. 2	873	178	127	1809
Power-transmission device	W. F. Howe	849,617	Apr. 9	1985	406-7	127	2129
Power-transmission device	W. T. Sears	851,842	Apr. 30	6302	1315	127	3331
Power-transmission device	E. F. Warner	863,680	Aug. 20	2476	683	129	2818
Power-transmission device	C. D. Jenney	864,846	Sept. 3	134	36	130	42
Power-transmission device	E. F. Warner	865,138	Sept. 3	570	160	130	172
Power-transmission device	E. F. Warner	867,324	Oct. 1	141	42-3	130	1356
Power-transmission device	J. W. Hays	872,512	Dec. 3	402	84-5	131	1231
Power-transmission device	A. Boulanger	874,563	Dec. 24	4635	973	131	2008
Power-transmission device. Regulatable	F. V. Whyland and C. P. Hollister	855,918	June 4	929	192	128	1928
Power-transmission device. Variable-speed	D. M. Dearing	869,882	Nov. 5	16	5	131	7
Power-transmission gear	J. H. Morrison	843,687	Feb. 12	1693	360	126	2251
Power-transmission gearing	H. R. McConnell	845,314	Feb. 26	5168	1097	126	3193
Power-transmission gearing	H. O. Fletcher	860,649	July 23	3602	987	129	1288
Power-transmission means	K. Gulbrandsen	840,935	Jan. 8	2306	507	126	629
Power-transmission mechanism	R. H. Little	843,286	Feb. 5	927	188	126	2027
Power-transmission mechanism	C. Macmillan	854,749	May 28	4774	991-2	128	1318
Power-transmission mechanism	F. Sedivy	857,493	June 18	3977	845	128	2771
Power-transmission mechanism	G. Cornilleau	860,082	July 16	2733	745	129	968
Power-transmission mechanism	J. K. Cochran	860,903	July 23	3987	1092-3	129	1412
Power-transmission mechanism	C. R. Radcliffe	864,258	Aug. 27	3354	934	129	3219
Power-transmission mechanism	J. H. Pendleton	873,681	Dec. 10	2785	591	131	1652
Power-transmission mechanism	W. L. Buck	874,828	Dec. 24	5143	1083	131	2096
Power-transmission mechanism. Fluid-pressure	J. W. Hall	852,384	Apr. 30	7384	1550	127	3601
Power-transmission mechanisms. Automatic holding device for	M. J. L. Towler	860,705	July 23	3683	1008	129	1313
Power transmission. Swing	A. M. Starr	848,214	Mar. 26	5000	1092	127	1340
Power-transmitter	F. Müller	856,283	June 11	1629	339	128	2140
Power-transmitter	J. C. Anderson	861,791	July 30	5392	1487-8	129	1880
Power-transmitter	F. de Coligny	870,814	Nov. 12	1508	411	131	523
Power-transmitting and speed-governing device	B. P. Tritt	841,739	Jan. 22	3894	844	126	1113
Power-transmitting apparatus	J. N. Heald	868,435	Oct. 15	1921	537	130	1939
Power-transmitting device	J. Putnam	841,179	Jan. 15	2798	610-11	126	800
Power-transmitting device	E. J. Lane	845,466	Feb. 26	5475	1160	126	3267
Power-transmitting device	G. E. Blake	849,768	Apr. 9	2253	463	127	2198
Power-transmitting device	J. I. Kinkead	853,553	May 14	2382	496	128	644
Power-transmitting device	D. S. Seymour	854,671	May 21	4594	959	128	1242
Power-transmitting device	E. Winans	869,820	Oct. 29	4113	1136	130	2669
Power-transmitting device	G. E. Blake	874,157	Dec. 17	3805	802	131	1842
Power-transmitting device or mechanism	W. P. Brachmann	858,789	July 2	738	194-5	129	254
Power-transmitting means	J. M. Joy	860,873	July 23	3935	1079	129	1394
Power-transmitting mechanism	R. Hamilton	843,013	Feb. 5	345	76-7	126	1877
Power-transmitting mechanism	C. B. Hatfield	855,774	June 4	642	131	128	1859
Power-transmitting mechanism	Z. B. Starr	860,262	July 16	2988	816	129	1053
Power-transmitting mechanism	G. Olton	860,881	July 23	3956	1084	129	1401
Power-transmitting mechanism	G. Malburg	872,999	Dec. 3	1422	297	131	1392
Power-transmitting mechanism	F. Bucher	873,838	Dec. 17	3143	669-70	131	1739
Power-transmitting mechanism	H. B. Smith	873,965	Dec. 17	3376	718	131	1780
Power-transmitting mechanism. Clutch-device	T. L. and T. J. Sturtevant	865,449	Sept. 10	1068	304-6	130	353
Power-transmitting mechanism for automobiles	D. L. McClintock	846,754	Mar. 12	2079	456-7	127	559

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Power-transmitting mechanism. Variable-speed	R. Cole	856,846	June 11	2740	568	128	2421
Power yielding and receiving means	F. W. Harris	865,338	Sept. 3	890	255-6	130	269
Precious metals from solutions. Recovering.	I. Anderson	861,628	July 30	5142	1411	129	1817
Prepayment mechanism	J. E. Hubbell	850,755	Apr. 16	4115	861	127	2710
Prepayment mechanism	E. Schattner	863,046	Aug. 13	1513	411	129	2586
Prepayment mechanism	E. Schattner	863,225	Aug. 13	1816	488	129	2682
Prepayment-meter	F. P. Cox and A. A. Ball	859,284	July 9	1495	399	129	535
Prepayment-meter	F. P. Cox	867,481	Oct. 1	376	109	130	1429
Prepayment-meter	H. and C. Gamwell	872,504	Dec. 3	391	82	131	1229
Preserve-box-opening device	S. Opsal and L. A. Mydland	842,237	Jan. 29	4935	1052-3	126	1403
Preserved-food tin	J. Amtmann	842,293	Jan. 29	5050	1077	126	1432
Preservative	K. Rücker and D. J. Pickée. (Re-issue.)	12,693	Sept. 3	915	-----	130	277
Preservative compound. Food-	W. W. Hughes	868,566	Oct. 15	2117	-----	130	2003
Preserving and canning device	S. W. Harrell	869,564	Oct. 29	3728	1020	130	2557
Preserving apparatus	W. G. Holden	857,346	June 18	3694	781	128	2703
Preserving fresh ripe olives	E. and L. N. Bedford	860,185	July 16	2874	-----	129	1014
Preserving fruits, &c. Apparatus for	D. von der Lieth	861,594	July 30	5086	1395	129	1799
Preserving-jar	C. A. Stenius	844,051	Feb. 12	2369	507	126	2418
Press:							
See Baling-press.	Glass-press.						
Beam-setting press.	Hay-press.						
Beam - straightening	Hop-press.						
press.	Hydraulic press.						
Block-press.	Lard-press.						
Box-press.	Multicolor-press.						
Box-nailing press.	Oil-press.						
Brick-press.	Pawl-press.						
Briquet-press.	Power-press.						
Butter-press.	Printing-press.						
Car-wheel press.	Printing and emboss-						
Cheese-press.	ing press.						
Chocolate-press.	Proof-press.						
Clothes-press.	Punch-press.						
Copy-press.	Punch and die press.						
Cotton-press.	Punching-press.						
Cylinder-press.	Ration-press.						
Dental flask-press.	Rolling-press.						
Die-press.	Rotary press.						
Double-acting press.	Salt-press.						
Double-action press.	Screw-press.						
Drill-press.	Seal-press.						
Electromagnetic press.	Stamping-press.						
Embossing-press.	Straightening-press.						
Embossing and print-	Tile-press.						
ing press.	Toggle-press.						
Filter-press.	Trousers-press.						
Foot-press.	Web-press.						
Fruit-press.	Wheel-press.						
Fruit and vegetable press.							
Press	C. N. Frey	845,457	Feb. 26	5458	1155-6	126	3264
Press	G. W. Swift, Jr.	846,362	Mar. 5	1274	280-1	127	321
Press	E. R. Derry	847,167	Mar. 12	2885	635	127	759
Press	O. S. Gauch	852,429	May 7	39	8	128	13
Press	M. S. Clark	864,832	Sept. 3	110	30-1	130	69
Press	M. H. Avram	866,999	Sept. 24	3440	975	130	1134
Press and feeding device therefor. Cotton, wool,	W. M. Holmes	841,689	Jan. 22	3804	828	126	1090
hay, &c.							
Press attachment. Newspaper-	C. E. Clark	847,161	Mar. 12	2869	632	127	755
Press auditing method	J. T. Hicks	845,237	Feb. 26	5005	1064	126	3152
Press-bar-locking device	P. E. Wirt	852,369	Apr. 30	7342	1542	127	3592
Press-bridge	W. H. H. Musick	841,884	Jan. 22	4217	908	126	1195
Press for moist materials	J. Hemmerling	848,171	Mar. 26	4925	1075	127	1331
Press for molding suppositories, &c.	H. Endemann	871,261	Nov. 19	2317	605	131	753
Press or sad iron	J. B. Replogle	854,431	May 21	4151	860	128	1132
Press-plate	A. W. French	860,289	July 16	3024	828	129	1064
Press-plate	A. W. French	860,290	July 16	3026	828	129	1065
Press releasing mechanism. Bundling	C. F. Anderson	857,918	June 25	4827	1023	128	3015
Press-setting attachment	G. A. Holmes	871,591	Nov. 19	3033	755-6	131	863
Presses. Combined condenser and feeder mechanism	G. A. Lowry	874,606	Dec. 24	4716	991	131	2023
for							
Presses. Gage-pin for platen-	O. C. Osterholm and J. B. East-	854,106	May 21	3545	732	128	974
man.							
Presses. Vibrating distributing-roller for platen-	J. H. Schussler	875,116	Dec. 31	5757	1200	131	2214
Presser-foot-lifting mechanism	H. H. Cummings	858,858	July 2	867	226	129	298
Pressing-machine	J. Lehr	869,857	Oct. 29	4163	1150	130	2685
Pressor	A. H. Gibson	841,140	Jan. 15	2731	596	126	784
Pressor	A. H. Gibson	841,141	Jan. 15	2733	597	126	785
Pressure. Apparatus for maintaining uniform	W. B. Mason	858,088	June 25	5209	1104	128	3115
Pressure apparatus. Mean-	S. A. Reeve	862,348	Aug. 6	389	108	129	2205
Pressure-controller	J. H. Glenn and M. Reule	866,643	Sept. 24	2903	817	130	979
Pressure-controlling system	M. G. Reynolds	843,174	Feb. 5	683	143	126	1966
Pressure-equalizer	F. E. Whitney	852,150	Apr. 30	6947	1451	127	3493
Pressure-gage	W. H. Bristol	839,982	Jan. 1	360	79	126	98
Pressure-gage	O. Arnold, Jr.	840,896	Jan. 8	2222	489	126	609
Pressure-gage	C. E. Sargent	841,454	Jan. 15	3341	721	126	939
Pressure-gage	M. Dunn	845,065	Feb. 26	4663	990-1	126	3064
Pressure-gage	J. R. Goehring	857,049	June 18	3135	660	128	2561
Pressure-gage	D. M. Moore	869,925	Nov. 5	69	21	131	24
Pressure-gage signal	J. B. Townsend	860,163	July 16	2839	775-6	129	1005
Pressure indicator and recorder	W. H. Bristol	839,981	Jan. 1	358	79	126	97
Pressure. Machine for exerting.	E. P. Guenther	873,539	Dec. 10	2528	533	131	1605
Pressure mechanism. Automatic clamping	J. M. J., A. J., and S. A. Gimson	844,515	Feb. 19	3332	717	126	2697
Pressure-regulating system	J. Lavelle	845,424	Feb. 26	5377	1141	126	3243
Pressure-regulator	R. M. Dixon	854,340	May 21	3979	822	128	1091
Pressure-regulator	J. A. Schultz, Jr.	856,989	June 11	3009	632-3	128	2488

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Pressure-regulator.....	A. Underwood.....	861,486	July 30	4923	1352	129	1746
Pressure regulator. Abutment.....	L. Knöchl.....	868,995	Oct. 22	2817	775-6	130	2248
Pressure regulator and reducer.....	H. P. Dyer.....	871,260	Nov. 19	2316	605	131	752
Pressure-regulator. Automatic.....	C. P. Tolman.....	874,137	Dec. 17	3769	794-5	131	1835
Pressure-regulator for steam-operated apparatus.....	C. P. McMillen.....	859,407	July 9	1697	451	129	602
Pressure-regulators. Diaphragm-clamp for.....	T. B. Wylie.....	846,769	Mar. 12	2112	464	127	568
Pressure-roller.....	W. Love.....	864,660	Aug. 27	4002	1111-12	129	3422
Pressure system. Multiple.....	C. von Philp.....	846,266	Mar. 5	1083	235	127	276
Pressure systems. Controlling apparatus for.....	W. J. Richards.....	858,471	July 2	181	44-5	129	67
Pressure-tank.....	G. Lewis and D. A. Smith.....	873,671	Dec. 10	2768	587	131	1649
Primary and secondary battery.....	T. A. Edison.....	858,362	July 2	873	-----	129	300
Primary battery.....	C. E. Hite.....	851,353	Apr. 23	5303	1110-11	127	3047
Primary battery.....	C. E. Hite.....	857,880	June 25	4734	1006	128	2992
Primary battery.....	C. E. Hite.....	853,391	July 2	41	12-13	129	15
Primary battery.....	C. E. Hite.....	858,392	July 2	42	13	129	16
Primary battery.....	W. D. Divine and A. J. Shinn.....	859,437	July 9	1735	463	129	616
Printer's border.....	W. D. Palmer.....	843,766	Feb. 12	1838	391	126	2289
Printer's brass-rule corner.....	H. O. Barth, G. H. Riehl, and W. Honegger.....	868,754	Oct. 22	2449	677	130	2133
Printers' chases. Adjustable cross-bar for.....	J. E. Gilbert.....	848,363	Mar. 26	5315	1158	127	1426
Printers' chases and forms. Auxiliary support for.....	J. F. Horn.....	857,807	June 25	4613	978	128	2964
Printer's composing-stick.....	M. J. Lynch.....	868,676	Oct. 22	2328	644	130	2097
Printer's furniture.....	W. S. Aikman and H. C. Stevenson.....	841,098	Jan. 15	2660	582	126	765
Printer's furniture.....	S. H. Emanuel.....	863,973	Aug. 20	2920	804	129	3058
Printers' galleys. Galley-lock for.....	H. L. Adzit.....	848,717	Apr. 2	194	40	127	1637
Printer's hook.....	T. Wensel.....	843,648	Feb. 12	1634	346	126	2238
Printer's ink-roller cabinet.....	H. P. and H. Hamilton.....	846,997	Mar. 12	2563	564	127	681
Printer's lead-cutter.....	E. I. Rice.....	844,746	Feb. 19	4046	862	126	2867
Printers' leads. Machine for distributing.....	G. H. Ward.....	860,166	July 16	2842	776-7	129	1006
Printers' leads. Machine for distributing.....	G. H. Ward.....	860,167	July 16	2845	777	129	1007
Printers' leads. Machine for finishing.....	C. C. Webster.....	842,842	Jan. 29	6243	1317-20	126	1734
Printer's quoin.....	H. A. Hempel.....	866,358	Sept. 17	2495	696	130	843
Printer's registering device.....	F. C. Dohrmann.....	873,303	Dec. 10	2061	430-1	131	1526
Printers' rollers. Machine for cleaning.....	C. B. Cutler.....	840,440	Jan. 1	1316	291-2	126	344
Printers' rollers. Machine for cleaning or treating.....	G. Sague.....	844,474	Feb. 19	3232	697-8	126	2675
Printers' rollers. Machine for cleaning or treating.....	G. Sague.....	844,475	Feb. 19	3239	699	126	2675
Printing.....	E. E. Angell.....	849,715	Apr. 9	2156	443-4	127	2171
Printing a reproduction of the grain of wood. Machine for.....	A. Sutton.....	869,148	Oct. 22	3047	840-1	130	2319
Printing and analogous machines. Reciprocating bed-motion of.....	E. T. Cleathero.....	862,309	Aug. 6	338	94	129	2188
Printing and bronzing machine.....	F. R. Harris.....	841,685	Jan. 22	3795	825-6	126	1088
Printing and developing dark cabinet.....	T. A. Welsh.....	870,751	Nov. 12	1410	382	131	489
Printing and embossing apparatus.....	E. E. Angell.....	849,038	Apr. 2	846	174	127	1803
Printing and embossing press.....	W. A. Leber.....	858,880	July 2	894	233	129	308
Printing and like machines. Device for feeding sheets to.....	F. E. Hodgkinson.....	840,211	Jan. 1	862	186	126	234
Printing apparatus.....	L. M. Todd and C. G. Tiefel.....	869,997	Nov. 5	197	51-2	131	69
Printing apparatus.....	M. McMahon.....	872,302	Nov. 26	4531	1073	131	1125
Printing apparatus for checks, drafts, &c.....	G. W. Heene.....	855,707	June 4	500	104	128	1822
Printing apparatus. Ticket.....	J. A. Walton.....	875,139	Dec. 31	5804	1211	131	2222
Printing attachment. Address.....	W. L. Buckens.....	840,429	Jan. 1	1295	284	126	338
Printing attachment for paper-roll holders.....	J. L. Lambole.....	873,560	Dec. 10	2574	542	131	1612
Printing attachment for paper-roll holders and cutters.....	M. McMahon.....	842,486	Jan. 29	5492	1163	126	1555
Printing-bar, matrix-making, and type-setting machines. Composing mechanism for.....	E. V. Beals.....	870,926	Nov. 12	1680	462-5	131	577
Printing-block.....	L. McGovern.....	843,483	Feb. 5	1284	269	126	2114
Printing blocks and plates. Manufacturing.....	L. Collardon.....	851,918	Apr. 30	6460	-----	127	3372
Printing-card.....	E. H. Frey.....	871,581	Nov. 19	3019	753	131	860
Printing-chase registering device.....	P. and J. F. Raible.....	866,683	Sept. 24	2963	839	130	1017
Printing cloth, wall-paper, and other materials. Machine for.....	W. T. Hesketh.....	852,719	May 7	695	135	128	182
Printing device.....	J. S. Duncan.....	853,538	May 14	2348	489	128	636
Printing device.....	J. S. Duncan.....	856,452	June 11	2014	414	128	2239
Printing device.....	J. S. Duncan.....	857,039	June 18	3110	657	128	2553
Printing device.....	R. Adams.....	868,315	Oct. 15	1732	489	130	1884
Printing device.....	A. L. Patterson.....	874,790	Dec. 24	5074	1069	131	2083
Printing die. Cigarette.....	A. L. Boucher.....	869,877	Nov. 5	9	3	131	5
Printing-drum.....	F. A. Whitmore.....	870,918	Nov. 12	1669	458-60	131	574
Printing-film frames. Film-frame rest for.....	B. Day.....	873,029	Dec. 10	1521	318-19	131	1436
Printing-film holder.....	S. W. Guest.....	870,722	Nov. 12	1349	368-9	131	474
Printing-films. Inking.....	B. Day.....	858,158	June 25	5335	1135	128	3146
Printing finished palls. Press for.....	G. Ackermann.....	862,122	Aug. 6	1	1	129	2081
Printing form and making the same. Lithographic.....	G. G. Murray.....	865,719	Sept. 10	1498	423	130	487
Printing-frame.....	W. B. Young.....	855,375	May 28	6015	1255	128	1634
Printing-plate.....	W. Duke, Sr. and Jr.....	841,948	Jan. 22	4322	931	126	1220
Printing impressions. Preparing transfer-surfaces for receiving.....	G. R. Cornwall.....	852,706	May 7	673	131	128	176
Printing in colors.....	J. A. H. Hatt.....	855,705	June 4	496	-----	128	1822
Printing in several colors. System of machinery for.....	E. Lambert.....	843,829	Feb. 12	1943	416-17	126	2315
Printing leaves for books. Machine for.....	G. A. Walstead and S. Moe.....	875,638	Dec. 31	6872	1434-5	131	2381
Printing-machine.....	T. C. Sheehan.....	845,586	Feb. 26	5679	1204	126	3318
Printing-machine.....	H. Stamm.....	848,064	Mar. 26	4753	1037	127	1287
Printing-machine.....	H. Stamm.....	848,065	Mar. 26	4756	1037	127	1288
Printing-machine.....	A. V. Beeken.....	849,454	Apr. 9	1649	334	127	2047
Printing-machine.....	B. O. Fanslow.....	859,442	July 9	1741	465	129	618
Printing-machine.....	W. M. Bacon.....	860,181	July 16	2868	783	129	1013
Printing-machine.....	E. Z. Taylor.....	860,621	July 16	3551	975	129	1237
Printing-machine.....	H. A. W. Wood.....	861,416	July 30	4824	1323-4	129	1717
Printing-machine.....	J. Owens.....	861,605	July 30	5104	1400-3	129	1806
Printing-machine.....	J. P. Cleal.....	864,514	Aug. 27	3758	1045-6	129	3350
Printing-machine.....	G. F. Hopkins.....	866,863	Sept. 24	3236	910-11	130	1109
Printing-machine.....	J. L. Firm.....	868,855	Oct. 22	2602	718-19	130	2179
Printing-machine.....	W. Spalckhaver.....	873,909	Dec. 17	3262	696-7	131	1761

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Printing-machine.	J. H. Pillings	874,033	Dec. 17	3504	746-7	131	1801
Printing-machine.	E. Z. Taylor	874,640	Dec. 24	4788	1005-6	131	2035
Printing-machine. Automatic plate.	T. R. and J. H. Demery	867,708	Oct. 8	729	204-5	130	1557
Printing-machine. Box.	J. C. Leary	862,174	Aug. 6	102	28	129	2116
Printing-machine. Check.	O. E. Brigham	840,471	Jan. 8	1375	306-7	126	399
Printing-machine. Duplicating.	B. O. Fanslow	873,361	Dec. 10	2186	456-7	131	1545
Printing-machine. Fabric.	A. McNicol	849,489	Apr. 9	1752	354-5	127	2070
Printing-machine feeding mechanism	H. C. Gammeter	846,992	Mar. 12	2556	562-3	127	690
Printing-machine for all kinds of cloths or paper	J. M. D. Coutinho	853,159	May 7	1574	327	128	398
Printing-machine. Label.	E. Z. Taylor	844,055	Feb. 12	2378	509	126	2420
Printing-machine moistening device	H. Gramlich	841,142	Jan. 15	2735	597	126	785
Printing-machine. Multicolor.	L. W. Southgate	851,038	Apr. 23	4650	976-7	127	2886
Printing-machine or time-stamp.	J. C. Wilson	874,047	Dec. 17	3544	755	131	1806
Printing-machine. Pencil.	C. B. Porter	851,103	Apr. 23	4778	1005	127	2916
Printing-machine. Platen.	F. Waite	842,362	Jan. 29	5202	1105	126	1474
Printing-machine. Platen.	M. Rockstroh	865,800	Sept. 10	1620	459	130	526
Printing-machine. Reciprocating-cylinder web.	M. Rockstroh	873,609	Dec. 10	2674	563-4	131	1629
Printing-machine. Rotary.	H. A. W. Wood	841,911	Jan. 22	4261	918-19	126	1205
Printing-machine. Rotary web.	E. Mertens	856,079	June 4	1199	254	128	1996
Printing-machine. Rotary web-perfecting.	R. D. Coy	863,591	Aug. 20	2352	642-4	129	2877
Printing-machine sheet-delivery mechanism	H. A. W. Wood	870,210	Nov. 5	529	144	131	173
Printing-machine. Stencil.	T. M. North	850,313	Apr. 16	3259	679-80	127	2494
Printing-machine. Stencil.	A. B. Dick	866,718	Sept. 24	3022	853	130	1043
Printing-machine. Ticket.	A. B. Dick	873,847	Dec. 17	3162	673-4	131	1742
Printing-machine. Traveling-cylinder web.	W. C. Reynolds	875,460	Dec. 31	6424	1342-3	131	2323
Printing-machine. Warp.	L. W. Southgate	852,465	May 7	162	28-9	128	49
Printing-machine. Yarn.	C. H. Landenberger	864,312	Aug. 27	3432	954-5	129	3243
Printing-machines. Arrangement for giving movement to automatic numbering mechanisms for	W. E. Lyford	840,353	Jan. 1	1153	250	126	305
Printing-machines. Associating, folding, and delivering mechanism for	J. D. Galwey	871,923	Nov. 26	3726	907	131	1001
Printing-machines. Associator and folder for	J. L. Firm	868,854	Oct. 22	2601	718	130	2179
Printing-machines. Feed device for sheet-metal.	J. L. Firm	868,918	Oct. 22	2699	745	130	2210
Printing-machines. Front-stop-operating mechanism for	A. J. Ford	844,113	Feb. 12	2481	532-3	126	2446
Printing-machines. Thread-stretching device for the warps of drum	G. F. Read	842,974	Feb. 5	259	57	126	1854
Printing-machinery. Bed-plate for.	F. Schmidt	872,258	Nov. 26	4444	1056	131	1111
Printing measurements on pieces of material. Machine for	M. Rockstroh	874,626	Dec. 24	4755	1000	131	2029
Printing mechanism	P. Sperling	871,645	Nov. 19	3130	777	131	879
Printing mechanism	G. W. Swift, Jr.	842,265	Jan. 29	4988	1065	126	1416
Printing mechanism	F. G. Jahn	861,367	July 30	4737	1294-5	129	1690
Printing mechanism	F. G. Jahn	869,783	Oct. 29	4057	1120	130	2653
Printing mechanism for adding-machines.	W. F. Gatewood	875,343	Dec. 31	6206	1294-5	131	2285
Printing mechanism. Multicolor.	L. W. Southgate	851,039	Apr. 23	4654	977-8	127	2887
Printing on boards. Machine for.	H. W. Morgan	868,684	Oct. 22	2340	647-8	130	2101
Printing on stone. Apparatus for	R. Reiss	849,639	Apr. 9	2025	415-16	127	2139
Printing or engraving block	C. E. Carlson	847,237	Mar. 12	3028	667	127	734
Printing or like machines. Paper-feeding machine for	F. W. Vickery	857,426	June 18	3846	816-17	123	2738
Printing or reproducing apparatus	W. G. Fuerth	851,084	Apr. 23	4740	998	127	2907
Printing. Photomechanical	W. G. Ippers	843,947	Feb. 12	2183	467	126	2574
Printing. Photomechanical color.	F. Münch	841,883	Jan. 22	4216	126	126	1195
Printing-plate	E. Spitzer	854,675	May 21	4603	128	128	1245
Printing-plate	E. Spitzer	854,676	May 21	4606	128	128	1245
Printing-plate and preparing the same	J. S. Duncan	859,053	July 2	1150	307	129	390
Printing-plate by photo-engraving. Making a	M. A. McKee	857,531	June 18	4048	861-2	128	2791
Printing-plate chain.	A. P. Miller	871,721	Nov. 19	3260	131	131	903
Printing-plate clamp.	R. Grieser	866,928	Sept. 24	3338	942	130	1141
Printing-plate. Half-tone.	S. E. Dittman	873,736	Dec. 17	2927	621	131	1705
Printing-plate holder.	L. F. Smith	844,968	Feb. 19	4450	951	126	2970
Printing-plate holder.	J. A. Corey	843,002	Feb. 5	323	70	126	1871
Printing-plate holder.	W. K. Hodgman	852,786	May 7	840	168	128	215
Printing-plate. Producing a combined line and half-tone	C. F. Rockstroh	870,994	Nov. 12	1801	491	131	613
Printing plate. Surface.	C. A. Bonfils and H. G. Bradt	842,297	Jan. 29	5055	1078-9	126	1433
Printing-plates. Mounting-block for	A. B. Sherwood	859,587	July 9	1963	530	129	689
Printing-plates. Preparing half-tone	A. W. Harrison	842,198	Jan. 29	4852	1035	126	1383
Printing-plates. Producing	L. Kern	848,833	Apr. 2	472	92	127	1708
Printing-plates. Treating	E. Spitzer	845,138	Feb. 26	4809	126	126	3103
Printing-press	M. A. McKee	872,630	Dec. 3	654	137	131	1270
Printing-press	H. E. Westervelt	840,885	Jan. 8	2197	484	126	602
Printing-press	R. T. Johnston	841,980	Jan. 22	4390	947	126	1236
Printing-press	J. W. Hoag	843,535	Feb. 5	1402	295	126	2143
Printing-press	J. E. Lee	845,797	Mar. 5	122	23-4	127	65
Printing-press	W. H. Smiley	846,432	Mar. 5	1439	319-20	127	393
Printing-press	W. H. Smiley	847,379	Mar. 19	3322	729-31	127	875
Printing-press	P. F. Cox	847,912	Mar. 19	4430	972-3	127	1170
Printing-press	P. F. Cox	847,913	Mar. 19	4437	973	127	1114
Printing-press	F. A. Venney	848,330	Mar. 26	5254	1146	127	1428
Printing-press	R. Miehle	852,973	May 7	1238	254	128	316
Printing-press	B. W. Morgan	853,590	May 14	2452	511	128	662
Printing-press	H. F. Bechman	855,748	June 4	595	122	128	1848
Printing-press	H. F. Bechman	856,126	June 4	1300	272-3	128	2021
Printing-press	G. R. Cornwall	857,331	June 18	3663	775-6	128	2694
Printing-press	W. M. Clark	857,721	June 25	4431	936	128	2918
Printing-press	J. McNaughton	858,465	July 2	151	40-1	129	51
Printing-press	B. W. Morgan	858,743	July 2	657	173-4	129	227
Printing-press	C. F. Buck	861,706	July 30	5256	1444-6	129	1849
Printing-press	C. G. Harris	862,249	Aug. 6	226	62	129	2152
Printing-press	R. D. Laws	862,340	Aug. 6	378	104	129	2202
Printing-press	A. G. Halfpenny and A. A. Hopkins	865,177	Sept. 3	626	177	130	190
Printing-press	J. A. Smith	865,728	Sept. 10	1513	427-8	130	491
Printing-press	G. E. Pano Coast	867,295	Oct. 1	100	31	130	1344
Printing-press	J. F. Ames	867,778	Oct. 8	823	238-9	130	1588

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Printing-press	T. A. Needham	867,897	Oct. 8	1033	294	130	1648
Printing-press	G. W. Prouty	868,478	Oct. 15	1983	553	130	1959
Printing-press	A. K. Taylor	869,667	Oct. 29	3890	1070	130	2604
Printing-press	E. L. Stone	871,831	Nov. 26	3522	861	131	970
Printing-press	C. A. McCain and C. Henderson	872,004	Nov. 26	3927	947	131	1028
Printing-press	G. W. Prouty	875,287	Dec. 31	6090	1271	131	2263
Printing-press and inking mechanism therefor. Bed-and-platen	F. Meisel	866,290	Sept. 17	2385	664	130	808
Printing-press. Automatic	H. E. Brett	872,108	Nov. 26	4145	991-2	131	1063
Printing-press cutting and feeding mechanism	R. C. Seymour	872,464	Dec. 3	317	63-4	131	1216
Printing-press cutting and folding device	J. L. Firm	868,856	Oct. 22	2604	719-20	130	2180
Printing-press cylinder	G. W. Mascord	846,040	Mar. 5	652	136	127	166
Printing-press feed and delivery mechanism. Automatic	S. C. Beale	867,634	Oct. 8	625	176-7	130	1525
Printing-press feeding and delivery mechanism	A. F. Harris	862,330	Aug. 6	366	101	129	2198
Printing-press feeding mechanism	A. F. Harris	844,935	Feb. 19	4393	939	126	2955
Printing-press. Flat-bed web	H. F. Bechman	856,758	June 11	2590	532	128	2385
Printing-press folding apparatus	H. P. Husby	871,038	Nov. 12	1856	509	131	630
Printing-press form-bed	F. J. Herdle	848,104	Mar. 26	4823	1052	127	1305
Printing-press form-cylinder	S. G. Goss	868,263	Oct. 15	1632	461-2	130	1856
Printing-press front or feed guide	G. P. Fenner	852,263	Apr. 30	7145	1496	127	3544
Printing-press gage	L. B. Odell	863,311	Aug. 13	1940	524	129	2718
Printing-press gage attachment	J. T. Gay	875,060	Dec. 31	5650	1178	131	2196
Printing-press, gripper creaser	J. R. Morrison	842,686	Jan. 29	5935	1251	126	1660
Printing-press. Hand	T. F. Wales	868,826	Oct. 22	2562	706-7	130	2168
Printing-press ink-distributing mechanism	G. W. Prouty	873,267	Dec. 10	1980	415	131	1513
Printing-press ink-fountain	J. W. Kohl	842,466	Jan. 29	5458	1157-8	126	1547
Printing-press ink-fountain attachment	R. J. Greenway, Jr.	844,673	Feb. 19	3890	823	126	2828
Printing-press inking apparatus	F. Meisel	851,016	Apr. 23	4613	967	127	2876
Printing-press inking apparatus	G. P. Fenner	872,805	Dec. 3	1014	212-13	131	1328
Printing-press inking arrangement	G. P. Fenner	846,294	Mar. 5	1137	248-50	127	288
Printing-press inking-fountain	S. G. Goss	869,237	Oct. 29	3178	875	130	2386
Printing-press mechanism	E. B. Woodward	857,508	June 18	4009	853	128	2780
Printing-press paper-sheet-feeding mechanism	J. E. Tucker	852,473	May 7	179	32	128	54
Printing-press paper-sheet-feeding mechanism	J. E. Tucker	852,530	May 7	300	55	128	82
Printing-press paste-fountain	H. M. Barber	866,181	Sept. 17	2223	620	130	756
Printing-press perforating and creasing attachment	H. G. Razall	855,339	May 28	5956	1243	128	1618
Printing-press. Plate	W. P. Allen	870,811	Nov. 12	1499	409-10	131	519
Printing-press. Rotary	F. Newbold	844,461	Feb. 19	3206	692	126	2667
Printing-press. Rotary	H. M. Barber	873,979	Dec. 17	3398	723-5	131	1784
Printing-press rotary folding mechanism	H. P. Husby	870,964	Nov. 12	1757	479	131	600
Printing-press sheet-delivery	F. P. Sharp	866,740	Sept. 24	3053	861	130	1053
Printing-press. Single-revolution rotary	W. K. Hodgman and B. Hall	860,135	July 16	2799	764-5	129	990
Printing-press. Triplex	H. F. Bechman	867,232	Oct. 1	8	2-3	130	1319
Printing-press. Two-color	W. K. Hodgman and B. Hall	860,134	July 16	2796	763-4	129	989
Printing-press vibrating roller	E. Nicholson	853,109	May 7	1489	311	128	376
Printing-presses and similar machines. Delivery mechanism for	G. W. Prouty	865,525	Sept. 10	1203	343-4	130	395
Printing-presses and similar machines. Feed mechanism for	G. W. Prouty	869,329	Oct. 29	3339	918	130	2435
Printing-presses. Apparatus for feeding separate sheets of paper to	J. W. Hoag	846,850	Mar. 12	2283	503	127	611
Printing-presses. Arrangement for removal of rolls in	G. P. Fenner	861,823	July 30	5447	1501-2	129	1907
Printing-presses. Automatic ink-font for platen	G. O. Been and C. H. Martin	869,863	Oct. 29	4175	1153	130	2689
Printing-presses. Automatic sheet-gage for	C. M. Morrison	843,688	Feb. 12	1695	360-1	126	2252
Printing-presses. Auxiliary printing attachment for cylinder	A. P. Brooks	846,645	Mar. 12	1887	414	127	510
Printing-presses. Bed-motion for cylinder	E. F. Leilich	852,124	Apr. 30	6900	1441-3	127	3481
Printing-presses. Jogger for platen	W. W. Britan	862,801	Aug. 6	1160	312	129	2439
Printing-presses. Offset-web-feed mechanism for	G. H. Pierce	857,753	June 25	4501	949-50	128	2936
Printing-presses or the like. Detector for	A. Obert	869,324	Oct. 29	3332	915	130	2433
Printing-presses. Paper-sheet-feeding mechanism for	J. E. Tucker	868,618	Oct. 15	2223	617	130	2038
Printing-presses. Perforating or scoring device for	C. E. Burch	852,315	Apr. 30	7237	1520	127	3565
Printing-presses. Platen-throw-off mechanism for	G. W. Prouty	871,439	Nov. 19	2729	689	131	813
Printing-presses. Printed-sheet-receiving table for	F. W. Thomas	867,694	Oct. 8	693	195	130	1545
Printing-presses. Producing printing-surfaces for use in	S. Carleton	862,805	Aug. 6	1165	.....	129	2441
Printing-presses. Roller for platen	J. H. Schussler	860,576	July 16	3463	952	129	1210
Printing-presses. Slip-sheet attachment for	J. Watzelhan	847,532	Mar. 19	3622	799-800	127	975
Printing-stamp. Variable	P. B. Hill	866,723	Sept. 24	3029	854-5	130	1045
Printing-surfaces. Apparatus for producing	E. Mertens	844,162	Feb. 12	2572	551	126	2468
Printing-surfaces. Catch-block or mounting-block for	J. A. Corey	859,202	July 9	1373	364	129	493
Printing-type	E. B. Oswalt	842,690	Jan. 29	5942	1252	126	1662
Printings. Producing bronze	C. A. R. Ludewig	846,585	Mar. 12	1759	.....	127	476
Progressive brake and clutch	C. A. Arbey	852,311	Apr. 30	7225	1517-18	127	3563
Projectile	C. V. Wheeler and A. G. McKenna	841,753	Jan. 22	3932	851	126	1122
Projectile	G. H. Hoxie	843,017	Feb. 5	358	78	126	1882
Projectile	E. Ohl	849,015	Apr. 2	793	163	127	1789
Projectile	A. M. Mazer	855,466	June 4	46	11	128	1706
Projectile	C. De Zafra	863,241	Aug. 13	1860	500	129	2604
Projectile	W. Becker	866,614	Sept. 24	2848	803	130	985
Projectile	G. W. Gentieu	871,396	Nov. 19	2630	672	131	799
Projectile	T. S. Aveson	874,282	Dec. 17	4065	858	131	1884
Projectile	C. V. Wheeler and A. G. McKenna	875,023	Dec. 31	5579	1165	131	2184
Projectile. Anchor	E. S. Clough	849,205	Apr. 2	1193	242	127	1893
Projectile. Anchor	E. Mingus	856,791	June 11	2651	546	128	2400
Projectile and fuse-plug therefor	C. F. and H. E. Cowdrey	843,665	Feb. 12	1657	351	126	2243
Projectile. Armor-piercing	J. L. Brown	863,698	Aug. 20	2503	691	129	2928
Projectile. Artillery	F. Ziegenfuss	840,984	Jan. 8	2389	523	126	650
Projectile. Explosive	K. Völler	865,282	Sept. 3	791	227	130	238
Projectile for hand-firearms	A. Gleinich	841,861	Jan. 22	4171	898	126	1187
Projectile for ordnance	J. J. McGuire	859,325	July 9	1571	418	129	563
Projectile for rifled firearms	L. Schupmann	871,825	Nov. 26	3506	858	131	967
Projectile for rifled small-arms	H. W. Holland and T. Woodward	867,508	Oct. 1	423	120	130	1447

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Projectiles. Manufacture of armor-piercing	R. A. Hadfield	844,675	Feb. 19	3894	126	2829
Projecting apparatus	E. P. Crocker and C. A. Walhof ..	847,982	Mar. 19	4579	1006	127	1205
Projection apparatus	E. W. Goodrich	864,418	Aug. 27	3585	996-7	129	3291
Projection apparatus	E. Bausch	870,535	Nov. 12	1042	285	131	367
Projection apparatus	W. L. Patterson	872,303	Nov. 26	4532	1074	131	1125
Proof-press	C. Williams	856,123	June 4	1292	271-2	128	2019
Propagator and plant-stand	R. L. Templin	866,088	Sept. 17	2094	582-3	130	715
Propeller	A. Hector	845,081	Feb. 26	4696	996-7	126	3071
Propeller	A. L. and B. S. Ames	847,222	Mar. 12	3003	662	127	789
Propeller	J. A. Wade	848,942	Apr. 2	673	135	127	1760
Propeller	A. Hector	849,238	Apr. 2	1248	253	127	1907
Propeller	A. Dziedzie	849,533	Apr. 9	1839	373	127	2093
Propeller	C. J. MacRae	850,383	Apr. 16	3396	710-11	127	2529
Propeller	A. Flad	853,233	May 14	1749	363	128	475
Propeller	W. Schmid	853,999	May 21	3315	682	128	919
Propeller	J. Bernes	854,685	May 21	4622	965	128	1248
Propeller	J. H. Pierce	864,190	Aug. 27	3259	903	129	3190
Propeller	F. A. Douce	865,364	Sept. 10	942	270	130	314
Propeller	G. W. Jackson	866,365	Sept. 17	2504	698	130	845
Propeller	A. W. Learnard	866,369	Sept. 17	2510	700	130	847
Propeller	A. H. Friedel	867,029	Sept. 24	3492	989	130	1190
Propeller	O. Peterson	867,595	Oct. 8	573	161	130	1508
Propeller	J. Portelli and J. D. Chapman ..	868,220	Oct. 15	1560	443	130	1831
Propeller	J. Nielsen	870,639	Nov. 12	1218	329-30	131	432
Propeller	F. A. Douce	871,059	Nov. 12	1889	518	131	641
Propeller	A. A. Anderson	875,484	Dec. 31	6474	1352	131	2331
Propeller-adjusting device	W. E. Blair	849,719	Apr. 9	2164	445-6	127	2173
Propeller and steering device	W. J. Hearn	866,465	Sept. 17	2635	736	130	887
Propeller. Boat	S. N. Edgar	839,826	Jan. 1	44	10	126	13
Propeller. Boat	G. F. Atwood	840,548	Jan. 8	1539	339	126	438
Propeller. Boat	C. A. Moline	858,010	June 25	5044	1067	128	3072
Propeller for ships and boats. Reversible ..	C. F. Villinger	894,875	Sept. 3	177	51	130	56
Propeller for vessels	H. R. Shaw	854,112	May 21	3559	734	128	978
Propeller. Hand-power	N. Johnson	840,944	Jan. 8	2322	510	126	633
Propeller. Marine	O. P. Smith	839,897	Jan. 1	194	43	126	55
Propeller. Marine	O. D. Robinson and R. L. Ben- nett	858,215	June 25	5441	1161	128	3174
Propeller, motor, pump, or blowing-engine. Ma- chine with revolving wings or blades, applicable either as	H. Hükel	854,038	May 21	3392	699-700	128	937
Propeller or fan	F. G. Sargent	872,307	Nov. 26	4540	1075	131	1126
Propeller. Oscillating	P. A. Peterson	852,521	May 7	282	52	128	77
Propeller. Oscillating-blade or fish-tail	G. E. Wade	842,278	Jan. 29	5012	1070	126	1422
Propeller. Reversible	J. S. Benson	859,362	July 9	1632	434	129	582
Propeller. Reversible	A. B. Shultz	861,612	July 30	5117	1405	129	1809
Propeller. Screw	W. Freidel	855,131	May 28	5580	1160	128	1521
Propeller. Screw	F. A. von Oldenburg	858,749	July 2	670	176	129	232
Propeller. Screw	F. W. Ordng	864,484	Aug. 27	3693	1029	129	3329
Propeller. Screw	W. M. Walters	866,544	Sept. 17	2741	767	130	919
Propeller. Screw	D. W. Taylor	867,853	Oct. 8	954	273	130	1623
Propeller. Sectional	E. Humphrey and M. R. Williams ..	856,586	June 11	2268	466	128	2302
Propeller. Ship's	P. Pieri	867,148	Sept. 24	3666	1041	130	1240
Propeller-wheel	J. De la Mar	847,961	Mar. 19	4540	998	127	1196
Propeller-wheel	H. J. Perkins. (Reissue)	12,665	June 25	5742	1223-4	128	3255
Propeller-wheel	R. W. Shaw	870,136	Nov. 5	404	113	131	135
Propelling and floating device for boats and the like ..	H. Mikorey	849,006	Apr. 2	782	160	127	1787
Propelling and steering device. Vessel	W. O. Cutter	855,165	May 28	5643	1174	128	1539
Propelling and steering mechanism for air-ships ..	A. H. Malloy	857,949	June 25	4889	1033-4	128	3032
Propelling and steering vessels. Means for	A. L. Crosby	856,338	June 11	1759	365-6	128	2172
Propelling apparatus	G. Unzner	874,263	Dec. 17	4026	850-2	131	1878
Propelling boats. Means for	W. G. Busse	857,868	June 25	4717	1001-2	128	2989
Propelling boats. Means for	L. A. Hartmann	874,890	Dec. 24	5255	1107	131	2114
Propelling device. Boat	C. B. Waterman	851,389	Apr. 23	5374	1127	127	3066
Propelling device. Boat	W. Arnold	871,059	Nov. 12	1417	384	131	491
Propelling device for steam vessels	J. Greaves	841,243	Jan. 15	2925	636	126	831
Propelling means. Vessel	G. Pino	871,236	Nov. 19	2266	596	131	744
Propelling mechanism. Boat	R. Rutherford	841,452	Jan. 15	3338	721	126	938
Propelling mechanism. Boat	H. Thormeyer	849,176	Apr. 2	1143	231	127	1881
Propelling mechanism. Boat	W. T. Mooney	864,755	Aug. 27	4155	1153	129	3469
Propelling mechanism. Boat	M. Damzin	871,326	Nov. 19	2478	640	131	776
Propelling mechanism. Boat	T. Thorsen	871,459	Nov. 19	2775	698-9	131	820
Propelling mechanism. Boat	A. J. Fell and J. A. McIver ..	873,697	Dec. 10	2826	602	131	1658
Proportional meter	J. C. Anderson	850,457	Apr. 16	3534	739	127	2564
Propulsion. Boat	H. E. Grace	848,457	Mar. 26	5498	1198	127	1473
Propulsion. Marine	Y. Wadagaki	856,115	June 4	1265	266	128	2012
Propulsion. Marine	F. C. Benning	869,048	Oct. 22	2899	800	130	2273
Propulsion of boats or vessels	J. H. Lorimer	868,199	Oct. 15	1531	434	130	1823
Propulsion of submarine vessels	S. Lake	846,417	Mar. 5	1401	308-9	127	355
Propulsion. Ship	P. H. Belitz	871,774	Nov. 26	3394	834	131	951
Prospecting-tool	T. Johnstone	861,859	July 30	5495	1516	129	1921
Protective device	M. Schultz	840,717	Jan. 8	1864	411	126	522
Protective device	L. Emery	863,791	Aug. 20	2648	732-3	129	2974
Protector for ears, forehead, and eyes	I. Seitzman	869,741	Oct. 29	4001	1106	130	2637
Protector unit. Individual	F. B. Cook	870,530	Nov. 5	1031	281	131	332
Proteids. Treating	M. R. Isaacs	845,790	Mar. 5	110	.....	127	32
Proteose preparation. Making a	K. Schwickerath	860,414	July 16	3224	.....	129	1129
Protractor	A. Anderson	845,043	Feb. 26	4612	982	126	3049
Protractor	W. L. E. Keuffel	865,597	Sept. 10	1313	372	130	427
Protractor. Bevel	P. Kelly	842,205	Jan. 29	4866	1038	126	1387
Protractor. Course	J. F. Cole	868,906	Oct. 22	2675	740	130	2203
Prune and pitting it. Pitted	N. B. Converse	845,695	Feb. 26	5910	1248	126	3376
Prune-shaping machine	A. C. Burdick	842,075	Jan. 22	4571	982	126	1278
Pruning implement	J. Bingham	845,027	Feb. 19	4580	975	126	3003
Pruning implement	J. C. O'Brien	846,135	Mar. 5	860	180	127	219
Pruning implement	D. W. and D. A. Watson	857,129	June 18	3288	693	128	2599
Pruning implement	C. E. Crombie	868,330	Oct. 15	1751	494	130	1889

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Pruning implement.....	L. S. Goff.....	870,282	Nov. 5	641	172	131	209
Pruning-knife.....	J. B. Howard.....	870,366	Nov. 5	799	213	131	261
Pruning-shears.....	W. H. Bradford.....	861,495	July 30	4938	1356	129	1751
Pruning-shears.....	F. Magill.....	866,875	Sept. 24	3255	915	130	1115
Pruning-shears.....	W. H. Gray.....	869,898	Nov. 5	42	12	131	15
Puffing-iron.....	E. C. Grever.....	859,289	July 9	1507	402	129	540
Pull and key socket. Combined.....	J. H. Hanson.....	847,939	Mar. 19	4492	984	127	1186
Pull-rod adjuster. Automatic.....	H. G. Smith.....	870,201	Nov. 5	516	141	131	168
Puller:							
See Beet-puller.	Pen-puller.						
Boot-puller.	Spike-puller.						
Bottle-cap puller.	Stalk-puller.						
Bushing-puller.	Staple-puller.						
Coke-puller.	Stone-puller.						
Cork-puller.	Stump-puller.						
Flax-puller.	Tack and nail puller.						
Nail-puller.							
Pulling-machine.....	H. Bickel.....	861,796	July 30	5411	1490-1	129	1896
Pulling up rods, piles, pickets, and the like from the ground. Apparatus for.....	J. Richter.....	848,203	Mar. 26	4980	1089	127	1345
Pulley.....	H. J. Gilbert.....	840,763	Jan. 8	1953	430	126	542
Pulley.....	H. J. Gilbert.....	840,764	Jan. 8	1957	430	126	543
Pulley.....	G. A. Gilbert.....	841,682	Jan. 22	3789	824	126	1087
Pulley.....	E. Granberg.....	847,249	Mar. 12	3050	673	127	793
Pulley.....	J. A. Kaplan.....	851,940	Apr. 30	6513	1358	127	3384
Pulley.....	J. B. Dunlap.....	853,006	May 7	1309	273	128	332
Pulley.....	G. Richards.....	857,304	June 18	3621	766	128	2683
Pulley.....	G. Richards.....	857,306	June 18	3624	767	128	2684
Pulley.....	P. D. Skahen.....	859,849	July 9	2356	640	129	515
Pulley.....	H. T. Hallowell.....	863,391	Aug. 13	2056	555	129	2759
Pulley.....	P. D. Skahen.....	864,570	Aug. 27	3874	1074-5	129	3383
Pulley.....	H. J. Gilbert.....	867,498	Oct. 1	409	116	130	1442
Pulley.....	J. L. Coleman.....	869,827	Oct. 29	4126	1139	130	2674
Pulley.....	W. H. Becroft and A. Isaacs.....	870,340	Nov. 5	743	199	131	244
Pulley and bushing.....	J. A. Kaplan.....	841,090	Jan. 8	2615	572	126	710
Pulley attachment.....	C. E. Curtiss.....	851,802	Apr. 30	6205	1296	127	3306
Pulley. Belt.....	G. Richards.....	857,303	June 18	3620	766	128	2683
Pulley. Belt.....	G. Richards.....	857,305	June 18	3622	767	128	2684
Pulley-block.....	G. T. Winnard and J. Bedford.....	840,676	Jan. 8	1781	393	126	499
Pulley-block.....	E. K. Wocfly.....	843,982	Feb. 12	2241	480	126	2389
Pulley-block.....	A. Opsal.....	845,041	Feb. 19	4604	980	126	3010
Pulley-casing.....	R. H. Bowen.....	848,802	Apr. 2	375	75	127	1684
Pulley casing or housing.....	C. A. Brinley.....	857,548	June 18	4087	867	128	2801
Pulley casing. Sash.....	J. H. Edwards.....	872,915	Dec. 3	1251	267	131	1364
Pulley-casing. Sheet-metal.....	F. E. Sloan.....	840,265	Jan. 1	959	208	126	260
Pulley-casing. Sheet-metal.....	F. E. Sloan.....	874,125	Dec. 17	3751	789	131	1831
Pulley. Clothes-line.....	F. V. Polakoskey.....	852,740	May 7	736	445	127	193
Pulley. Clutch.....	G. Beyer.....	849,718	Apr. 9	2163	375	128	2173
Pulley. Expandible.....	C. J. Reed.....	853,264	May 14	1802	478	128	489
Pulley. Expansion.....	G. F. Geb.....	872,282	Nov. 26	4489	1065	131	1118
Pulley-fastening device.....	C. P. Brison.....	866,184	Sept. 17	2228	621	130	757
Pulley for pulverizing-mills.....	G. E. Rudnick.....	840,162	Jan. 1	754	164	126	201
Pulley-frame.....	L. Zamboni.....	849,308	Apr. 2	1376	277	127	1938
Pulley-frame.....	L. Zamboni.....	860,113	July 16	2766	755	129	978
Pulley. Friction.....	H. Hess.....	845,871	Mar. 5	284	56	127	79
Pulley. Friction.....	M. M. Bierline.....	863,691	Aug. 20	2492	688	129	2923
Pulley. Friction-clutch.....	L. H. Geisendorff.....	874,954	Dec. 31	5443	1138	131	2161
Pulley. Metal.....	H. T. Hallowell.....	863,387	Aug. 13	2053	554	129	2757
Pulley. Power-transmission.....	W. Wagner.....	851,189	Apr. 23	4958	1042	127	2961
Pulley-protecting means. Driving.....	B. M. W. Hanson.....	851,004	Apr. 23	4589	962	127	2869
Pulley-rim.....	E. W. Keller.....	844,363	Feb. 19	3023	646	126	2622
Pulley-rims. Punching and bending.....	J. A. Kaplan.....	845,711	Feb. 26	5933	1254	126	3382
Pulley. Sash.....	C. H. Foster.....	852,551	May 7	343	61	128	94
Pulley. Separable.....	D. T. McNiel.....	860,315	July 16	3072	840	129	1080
Pulley. Sheet-metal.....	C. Reger.....	840,658	Jan. 8	1745	384-5	126	491
Pulley. Sheet-metal sash.....	F. E. Sloan.....	840,389	Jan. 1	1228	268	126	323
Pulley. Split.....	H. M. Frank.....	843,202	Feb. 5	752	154	126	1985
Pulley. Split.....	E. Dietrich.....	854,934	May 28	5164	1076	128	1418
Pulleys for belt conveyers. Supporting.....	E. J. Haddock.....	869,900	Nov. 5	44	13	131	16
Pulleys. Forming sectional.....	W. H. Latshaw.....	861,663	July 30	5189	1425	129	1830
Pulleys. Means for stretching covering around.....	A. B. Gerbrand.....	874,182	Dec. 17	3852	812	131	1850
Pulleys. Roughening-tool for belt.....	F. Grill.....	864,370	Aug. 27	3520	977	129	3271
Pulp and paper. Manufacture of.....	J. M. Dohan.....	865,168	Sept. 3	611	172-3	130	186
Pulp-beater. Continuous.....	G. D. Claffin, Jr.....	864,359	Aug. 27	3505	974	129	3266
Pulp-flaker.....	W. Angus.....	868,063	Oct. 15	1346	376-7	130	1767
Pulp. Machine for making receptacles of compressed.....	W. E. Schneider.....	847,832	Mar. 19	4261	933-5	127	1129
Pulp-making apparatus. Sample-tester for.....	M. R. Kennedy.....	850,017	Apr. 9	2686	563	127	2305
Pulp. Manufacture of purified soda-pine.....	W. H. Sharp.....	841,190	Jan. 15	2817	.....	126	805
Pulp or liquid distributor. Revolving.....	E. H. Moyle.....	855,328	May 28	5934	1238	128	1612
Pulp. Production of white.....	A. Gagedois.....	848,361	Mar. 26	5312	.....	127	1425
Pulp-screen roll.....	A. M. Meincke.....	847,352	Mar. 19	3265	718	127	881
Pulp-screening apparatus.....	W. A. Stevenson and A. H. White.....	873,390	Dec. 10	2241	466-7	131	1554
Pulp-screening machines. Cleansing the screens of.....	P. R. Thom.....	843,185	Feb. 5	711	148	126	1973
Pulp-shaping machine.....	A. Komp.....	868,969	Oct. 22	2820	776-7	130	2248
Pulp vessels. Making formed.....	W. A. Lorenz.....	867,389	Oct. 1	247	71	130	1389
Pulp-washing apparatus.....	W. B. Klein.....	850,657	Apr. 16	3941	823	127	2669
Pulp-wood chipper.....	G. F. Rowe.....	845,198	Feb. 26	4927	1045	126	3133
Pulverizer.....	P. L. Simpson.....	842,430	Jan. 29	5364	1135-6	126	1522
Pulverizer.....	N. Spurgin.....	848,213	Mar. 26	4998	1092	127	1350
Pulverizer.....	H. J. Travis.....	848,273	Mar. 26	5126	1118	127	1382
Pulverizer.....	G. J. Belstner.....	852,096	Apr. 30	6838	1427	127	3466
Pulverizer.....	W. S. Sharpneck.....	861,324	July 30	4659	1273	129	1665
Pulverizer.....	B. I. Turman.....	870,261	Nov. 5	608	163	131	199
Pulverizer and sampler. Combined.....	O. C. Beach and A. L. Buzzell.....	841,921	Jan. 22	4282	923	126	1210
Pulverizer and smoother. Soil.....	F. Miller.....	843,025	Feb. 5	376	83	126	1887
Pulverizer, lister, and marker. Soil.....	J. W. Dalrymple.....	857,036	June 18	3105	655	128	2552

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Pulverizing and grinding mills. Air-separator for...	J. W. Fuller, Jr.	857,988	June 25	4989	1054	128	3058
Pulverizing-machine	G. A. Bell	864,502	Aug. 27	3728	1038-9	129	3341
Pulverizing-mill	G. E. Rudnick	872,201	Nov. 26	4325	1033	131	1093
Pulverizing or grinding mill	J. W. Fuller, Jr.	849,779	Apr. 9	2277	467-8	127	2204
Pulverizing or grinding mill	J. W. Fuller, Jr.	849,780	Apr. 9	2279	468	127	2204
Pulverizing or grinding mill	J. W. Fuller, Jr.	849,782	Apr. 9	2283	469	127	2204
Pulverizing or grinding mill	J. W. Fuller, Jr.	852,173	Apr. 30	6988	1458-9	127	3505
Pulverizing or grinding mill	J. W. Fuller, Jr.	857,932	June 25	4850	1027	128	3021
Pulverizing or grinding mills. Metal ring for	J. W. Fuller, Jr.	849,781	Apr. 9	2281	469	127	2204
Pump	H. Jones	840,064	Jan. 1	547	118	126	146
Pump	T. Butler	840,430	Jan. 1	1296	285	126	339
Pump	P. H. Deis	840,919	Jan. 8	2269	499	126	620
Pump	R. Huff	844,360	Feb. 19	3017	644-5	126	2620
Pump	F. Burns	845,849	Mar. 5	226	46	127	59
Pump	J. P. Montgomery	845,965	Mar. 5	494	102	127	128
Pump	H. M. Etter	846,101	Mar. 5	786	164-5	127	201
Pump	C. A. Neyland	847,201	Mar. 12	2970	654	127	780
Pump	W. Y. Cruikshank	847,735	Mar. 19	4059	886	127	1082
Pump	J. H. Burkholder	848,629	Apr. 2	17	4	127	1589
Pump	C. Valliquette	849,030	Apr. 2	827	170	127	1799
Pump	H. C. Clay	849,530	Apr. 9	1829	371	127	2091
Pump	G. B. Petsche	850,178	Apr. 16	3011	630-1	127	2426
Pump	G. B. Petsche	850,248	Apr. 16	3141	657	127	2462
Pump	W. S. Shelton	850,976	Apr. 23	4541	951	127	2857
Pump	E. G. Hobart	854,353	May 21	4003	827	128	1096
Pump	C. Bartholomew	854,711	May 28	4707	979	128	1299
Pump	W. F. Jacobs	855,783	June 4	658	134	128	1863
Pump	J. Bergstrom and C. A. Wahleen	856,215	June 11	1475	312	128	2100
Pump	F. Linthicum	856,271	June 11	1600	335	128	2132
Pump	H. Cline	856,845	June 11	2739	568	128	2421
Pump	J. P. Lavigne	857,004	June 11	3041	640	128	2496
Pump	F. A. Myers	858,529	July 2	281	69-70	129	99
Pump	H. and J. E. Nagel	858,901	July 2	923	241	129	318
Pump	L. M. G. Delaunay-Belleville	859,752	July 9	2210	600	129	769
Pump	E. E. Slick	860,258	July 16	2983	815	129	1051
Pump	T. H. C. Homersham	861,213	July 23	4462	1224-5	129	1567
Pump	E. J. Feeny	862,457	Aug. 6	590	156	129	2274
Pump	F. A. Myers	863,870	Aug. 20	2765	761	129	3011
Pump	A. Dellanna	865,019	Sept. 3	407	108-9	130	125
Pump	J. A. Fenstermaker	867,117	Sept. 24	3627	1030	130	1229
Pump	W. B. Erb	867,261	Oct. 1	46	15	130	1329
Pump	S. G. Skinner	867,616	Oct. 8	598	170	130	1516
Pump	R. H. Stoker	867,849	Oct. 8	949	270-1	130	1622
Pump	A. W. Baird	868,395	Oct. 15	1860	522	130	1922
Pump	A. J. Ross and M. J. Morton	868,703	Oct. 22	2371	656-7	130	2111
Pump	A. Papillon	869,387	Oct. 29	3420	941	130	2462
Pump	T. Foy	869,559	Oct. 29	3720	1019	130	2555
Pump	P. A. Myers	869,926	Nov. 5	70	21	131	24
Pump	T. E. Moon	870,682	Nov. 12	1283	350	131	451
Pump	P. A. Myers	871,135	Nov. 19	2057	556	131	710
Pump	C. L. Newcomb	871,357	Nov. 19	2539	652	131	785
Pump	H. Wahler	873,394	Dec. 10	2252	469	131	1556
Pump	N. W. Akimoff	874,377	Dec. 24	4256	896-7	131	1947
Pump. Air	J. C. Beck and J. A. Bowyer	847,394	Mar. 19	3360	736	127	905
Pump. Air	P. E. Kleinberg	847,785	Mar. 19	4153	906	127	1105
Pump. Air	M. Kohl	854,954	May 28	5195	1082	128	1426
Pump. Air	G. H. Schuh and T. W. Hinton	856,372	June 11	1854	381	128	2199
Pump. Air	F. E. Ten Eyck	858,039	June 25	5094	1079	128	3084
Pump. Air	H. Nyberg	859,408	July 9	1698	452	129	603
Pump. Air	G. De Laval	871,349	Nov. 19	2526	649	131	783
Pump. Air	J. C. Beck and J. A. Bowyer	872,043	Nov. 26	4022	964	131	1041
Pump. Air	G. H. Mohler	873,065	Dec. 10	1602	335	131	1450
Pump. Air	B. Hamann	874,960	Dec. 31	5456	1141	131	2163
Pump. Air lift	B. Obeare	847,433	Mar. 19	3438	754	127	925
Pump, &c. Air or gas	G. Machlet, Jr.	849,482	Apr. 9	1723	349-50	127	2063
Pump and automatic pressure-regulator therefor.	G. Schmidt	864,339	Aug. 27	3471	966	129	3255
Pump and condenser. Centrifugal-centrifugal	R. S. Prindle	845,816	Mar. 5	160	31	127	44
Pump and motor regulator. Fluid-operated	B. Obeare and S. C. Martin	847,358	Mar. 19	3283	721	127	884
Pump and similar apparatus. Force-	J. Weeks	867,932	Oct. 8	1087	307	130	1665
Pump and the like. Centrifugal and turbine	C. H. Jaeger	871,341	Nov. 19	2505	646	131	780
Pump and valve-controlling mechanism therefor	S. C. Carpenter	842,080	Jan. 22	4578	984	126	1280
Pump attachment	H. Sewell	849,752	Apr. 9	2229	457	127	2192
Pump. Automatic air-	E. J. Rohrbacher	864,918	Sept. 3	244	66	130	76
Pump. Automatically-balanced vertical-shaft centrifugal	A. W. Hunsaker	865,900	Sept. 10	1794	500	130	591
Pump. Automobile lubricating-	J. F. McCanna	861,755	July 30	5325	1469-70	129	1868
Pump-bailer	R. L. Woodard	851,468	Apr. 23	5516	1155	127	3100
Pump-base	E. S. Lea and J. Degen	840,138	Jan. 1	715	154-5	126	195
Pump. Bottle	G. E. Cordeaux	849,772	Apr. 9	2260	464	127	2199
Pump bucket. Chain	F. G. Hodell	872,423	Dec. 3	226	44	131	1203
Pump-casing. Multiple-section	E. S. Lea and J. Degen	840,137	Jan. 1	714	153-4	126	195
Pump. Centrifugal	J. Degen	841,643	Jan. 15	3695	803-4	126	1029
Pump. Centrifugal	E. Meden	851,364	Apr. 23	5326	1116	127	3052
Pump. Centrifugal	C. A. Frayer	867,491	Oct. 1	395	113	130	1435
Pump. Centrifugal	P. J. Wickblom	873,644	Dec. 10	2725	577	131	1640
Pump. Centrifugal high-pressure	C. Lager	865,504	Sept. 10	1164	331	130	384
Pump. Chain	C. J. Williams	873,280	Dec. 10	2003	420	131	1517
Pump-closet. Yacht	W. H. Goblet	863,843	Aug. 20	2727	751	129	2999
Pump. Combined wet and dry air	R. D. Tomlinson	873,688	Dec. 10	2810	599	131	1655
Pump. Compound centrifugal	E. W. Riggs	862,017	July 30	5717	1586-7	129	1989
Pump. Compression-	F. W. Nicbling	851,248	Apr. 23	5082	1069	127	2991
Pump. Condensing-	C. E. Leggett	866,288	Sept. 17	2380	663	130	806
Pump-coupling	G. B. Murray	841,707	Jan. 22	3839	834	126	1099
Pump-coupling. Automatic	C. B. Haldeman	861,112	July 23	4315	1184	129	1518
Pump-crank	A. Margadant	853,707	May 14	2702	556	128	729

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Pump-curb	A. Schimmel	864,924	Sept. 3	256	68	130	81
Pump-cylinder for water-lifts	L. C. Lewis	862,489	Aug. 6	654	175-6	129	2291
Pump. Deep-well	G. C. Richards	871,185	Nov. 19	2153	575	131	727
Pump. Deep-well	H. A. Briscoe and C. J. Erickson	872,326	Dec. 3	13	2	131	171
Pump. Diaphragm	G. J. Altham	851,334	Apr. 23	5264	1103	127	3038
Pump. Direct-acting	W. Wei	855,150	May 28	5620	1168-9	128	1533
Pump-drain	G. G. Forester	868,541	Oct. 15	2085	583	130	1992
Pump. Electric	W. Lambert	853,806	May 14	2895	595-6	128	776
Pump-elevator	T. N. and J. A. London	851,146	Apr. 30	6126	1281	127	3284
Pump-equalizing device	E. Arch	864,146	Aug. 27	3193	883	129	3169
Pump, exhauster, and blower, &c. Rotary	F. Lamplough	862,404	Aug. 6	500	133-4	129	2243
Pump. Fluid-packed	E. J. Feeny	862,456	Aug. 6	588	156	129	2273
Pump for cleaning systems. Suction-	J. V. O. Palm	871,952	Nov. 26	3733	919	131	1010
Pump for measuring oil. Power-	J. B. Davis	874,573	Dec. 24	4654	977-8	131	2011
Pump for vacuum-cleaners	A. Mestitz	875,446	Dec. 31	6404	1336	131	2319
Pump. Force	F. Girod	845,407	Feb. 26	5353	1135	126	3237
Pump. Force	C. Wolf	846,640	Mar. 12	1879	413	127	509
Pump. Force	W. K. Andrew	865,151	Sept. 3	588	165	130	179
Pump. Gas	R. Whitaker	848,277	Mar. 26	5133	1120	127	1384
Pump-gear	C. Cannell	847,902	Mar. 19	4114	968	127	1166
Pump. Gear-	J. G. Callan	863,781	Aug. 20	2628	727	129	2967
Pump-governor	G. E. Witt	843,382	Feb. 5	1092	226	126	2066
Pump-governor	C. R. Moore	855,065	May 28	5427	1126	128	1486
Pump-handle connector	G. E. Walling	866,099	Sept. 17	2114	587	130	721
Pump-head	W. and H. M. Williams	865,740	Sept. 10	1533	433	130	499
Pump inlet-valves. Unloading device for	W. R. McKeen, Jr.	849,916	Apr. 9	2535	524	127	2269
Pump-jack	O. O. Furrur	855,626	June 4	350	72	128	1783
Pump. Lift-	F. A. Ruhl	848,857	Apr. 2	524	104	127	1722
Pump. Liquid-measuring	G. Yanacopoulos	853,670	May 14	2619	544	128	706
Pump-lubricator	H. L. McCullough	872,249	Nov. 26	4426	1052	131	1108
Pump. Measuring-	T. Hentgen	855,310	May 28	5904	1231	128	1605
Pump. Measuring-	C. S. Jones	869,246	Oct. 29	3198	880	130	2393
Pump. Measuring-	F. C. Wilson	869,469	Oct. 29	3565	977	130	2506
Pump. Measuring and registering	W. M. Davison	845,532	Feb. 26	5588	1184	126	3296
Pump. Mercury-	P. C. Hewitt	849,394	Apr. 9	1553	314	127	2020
Pump. Motor-driven	E. D. Priest	868,362	Oct. 15	1807	508-9	130	1906
Pump-mounting	S. Pennell	874,115	Dec. 17	3733	785	131	1828
Pump. Multiple	J. F. Liebentritt	848,836	Apr. 2	479	94	127	1709
Pump. Multistage turbo-	N. W. Akimoff	846,971	Mar. 12	2522	556	127	671
Pump. Non-overflow	B. G. Foster	844,445	Feb. 19	3176	685-6	126	2659
Pump. Oil-	G. T. Ferguson	844,008	Feb. 12	2290	490	126	2400
Pump. Oil-	C. F. W. Manzel	858,405	July 2	64	18	129	22
Pump. Oil-	G. Arrossmith	865,558	Sept. 10	1264	358	130	413
Pump. Oil-	W. A. Odell	875,370	Dec. 31	6257	1305	131	2294
Pump. Oil-can	P. H. Corns	856,624	June 11	2348	483	128	2323
Pump. Oil-dispensing	H. S. Gordon	868,981	Oct. 22	2788	769	130	2238
Pump. Oil-well	F. H. Taylor	854,255	May 21	3835	792	128	1051
Pump. Oil-well	G. F. Bell	870,410	Nov. 5	858	228	131	281
Pump-operating engine	S. Lundquist	864,662	Aug. 27	4010	1113	129	3424
Pump-operating means	E. O. Smith	854,314	May 21	3935	812	128	1079
Pump-operating mechanism	J. H. Kane	847,004	Mar. 12	2578	566	127	685
Pump-operating mechanism. Chain-	D. K. Keller	860,809	July 23	3838	1052-3	129	1363
Pump-packing	C. W. Swan	846,874	Mar. 12	2329	513	127	623
Pump. Pendulum-power	C. A. Kuehn	861,291	July 30	4611	1259	129	1650
Pump-piston	C. M. Ray	854,382	May 21	4052	837	128	1108
Pump-piston	J. W. Mallonee	855,647	June 4	386	80	128	1793
Pump. Piston-	J. Sjöström	860,255	July 16	2980	814	129	1050
Pump-plunger	A. Bentz	858,850	July 2	856	223	129	295
Pump. Pneumatic	J. Funck	842,142	Jan. 22	4715	1009	126	1316
Pump. Pneumatic	H. C. Reames	868,939	Oct. 22	2733	754	130	2221
Pump. Pneumatic	D. L. Holden	869,781	Oct. 29	4054	1119	130	2653
Pump-power	H. H. Ice	859,451	July 9	1752	468	129	621
Pump power attachment. Spray-	J. Rodgers	870,659	Nov. 12	1802	491	131	613
Pump regulator. Condenser-	R. Wikander	851,719	Apr. 30	6058	1265	127	3267
Pump-rod attachment	F. P. Sayers	866,815	Sept. 24	3174	891	130	1091
Pump-rod bolt	L. W. Curtis	849,663	Apr. 9	2071	425	127	2150
Pump-rod connection	W. E. Boyd	875,408	Dec. 31	6329	1319	131	2307
Pump-rod coupling	H. M. Fletcher	847,928	Mar. 19	4471	980	127	1181
Pump-rod coupling	C. H. Nichols	357,659	June 25	4304	909	128	2885
Pump-rods for oil-wells. Adjustable grip for surface	H. McBrier and J. McGarvey	871,765	Nov. 19	3367	826	131	917
Pump. Rotary	R. P. Christensen	852,102	Apr. 30	6849	1430	127	3469
Pump. Rotary	W. J. and W. A. Leddell	852,568	May 7	397	72-3	128	105
Pump. Rotary	C. H. Jaeger	860,668	July 23	3628	995	129	1296
Pump. Rotary	L. E. Young	861,626	July 30	5140	1411	129	1817
Pump. Rotary	J. Clark	863,022	Aug. 13	1483	403	129	2575
Pump. Rotary	M. F. Abbé	863,250	Aug. 13	1862	501	129	2695
Pump. Rotary	C. Enke	863,706	Aug. 20	2514	694	129	2931
Pump. Rotary	R. M. Blackmer	869,050	Oct. 22	2901	800-1	130	2273
Pump. Rotary	J. J. O'Donnell	870,310	Nov. 5	687	185	131	225
Pump. Rotary	G. Okamoto	870,311	Nov. 5	689	185	131	225
Pump. Rotary	G. Anderson and R. Lundin	872,040	Nov. 26	4017	963	131	1040
Pump. Rotary vacuum-	D. M. Moore	846,933	Mar. 12	2451	537	127	653
Pump. Screw-propeller	F. Marburg, Jr.	872,361	Dec. 3	91	17-18	131	1181
Pump. Self-measuring	C. S. Jones	872,943	Dec. 3	1307	277	131	1373
Pump. Self-measuring oil-	J. B. Davis	855,504	June 4	118	24	128	1724
Pump. Self-measuring oil-	J. B. Davis	872,501	Dec. 3	384	80-1	131	1228
Pump. Self-measuring oil-	J. B. Davis	874,574	Dec. 24	4657	978-9	131	2012
Pump-stop	D. E. Rosser	861,675	July 30	5208	1431	129	1835
Pump-stroke regulator	J. C. Summers and H. G. Mast	841,601	Jan. 15	3608	784	126	1008
Pump-sucker-rod guide	J. H. Dennis	866,005	Sept. 17	1958	546	130	673
Pump-support	J. S. Weiser	849,444	Apr. 9	1630	330	127	2040
Pump-tubes to bases. Attaching	W. S. Stapley	847,617	Mar. 19	3827	837	127	1027
Pump. Twin air-	W. A. Drewett	871,114	Nov. 19	1997	544-5	131	703
Pump. Vacuum-	J. J. Mullan	844,734	Feb. 19	4018	856	126	2860
Pump. Vacuum-	L. R. Alberger	845,738	Mar. 5	5	1	127	4
Pump. Vacuum-	J. J. Mullan	859,179	July 2	1335	355	129	450

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Pump-valve.	R. B. McMakin.	867,402	Oct. 1	261	76	130	1393
Pump valve and cap. Combined.	A. R. Foley.	854,729	May 28	4737	985	128	1308
Pump-valve construction.	J. Rowbotham.	851,182	Apr. 23	4942	1039	127	2958
Pump valve. Direct-acting steam.	W. Weir.	867,774	Oct. 8	826	236-7	130	1586
Pump valve. Gas.	R. Whitaker.	866,832	Sept. 24	3190	897	130	1096
Pump-valve mechanism.	D. Sheen.	863,107	Aug. 13	1634	439	129	2624
Pump valve. Suction.	J. E. Martin.	868,680	Oct. 22	2335	646	130	2100
Pump. Vapor.	H. A. Fleuss.	873,528	Dec. 10	2508	529	131	1602
Pump. Water-pressure air.	A. E. Cobb.	858,957	July 2	1011	264	129	346
Pump. Well.	A. L. Medlock.	846,225	Mar. 5	1019	218	127	259
Pumps. Balancing centrifugal.	J. Degen.	841,642	Jan. 15	3694	803	126	1029
Pumps. Blade-wheel for centrifugal.	F. Neumann.	867,069	Sept. 24	3557	1007	130	1209
Pumps, compressors, and the like. Valve for.	H. Ackermann.	870,659	Nov. 12	1249	339	131	441
Pumps. Counterbalance attachment for.	F. C. Marsh.	849,802	Apr. 9	2319	476	127	2214
Pumps. Device for automatically disconnecting power-driven.	A. L. Olson.	862,099	July 30	5866	1626	129	2038
Pumps. Lift-valve and its guard for gas and liquid.	W. Weir.	852,589	May 7	443	81	128	117
Pumps. Means for balancing centrifugal.	J. Degen.	840,116	Jan. 1	640	139-40	126	169
Pumps. Means for balancing centrifugal.	J. Degen.	841,641	Jan. 15	3692	801-3	126	1028
Pumps. Oil-cup for air.	W. V. Turner.	849,868	Apr. 9	2450	502	127	2247
Pumps. Pressure-governing device for.	C. C. Farmer and W. V. Turner.	866,448	Sept. 17	2609	729	130	881
Pumps. Primer for.	J. La Vergne.	868,192	Oct. 15	1518	430	130	1819
Pumps. Seat for puppet or foot valves of.	L. M. Gerwe.	843,597	Feb. 12	1525	323	126	2207
Pumps. Speed-regulator for.	W. W. Satterthwaite.	837,490	June 18	3971	844	128	2770
Pumping and drilling machine.	W. G. Blaisdell.	863,255	Aug. 13	1866	502	129	2696
Pumping and pulling device. Well.	S. Lippert.	853,180	May 7	1605	334	128	405
Pumping apparatus.	G. J. Murdock.	857,477	June 18	3946	838	128	2763
Pumping apparatus.	A. C. E. Rateau. (Reissue)	12,723	Nov. 19	3380	828-9	131	919
Pumping apparatus. Oil-well.	J. E. Tinker and J. Crawford, Jr.	840,972	Jan. 8	2366	519	126	645
Pumping apparatus. Pneumatic.	L. W. Eggleston.	862,867	Aug. 6	1235	341	129	2468
Pumping-cylinder valve.	M. A. Neeland.	873,452	Dec. 10	2547	492-3	131	1575
Pumping. Deep-oil-well.	R. J. Hoffman.	852,061	Apr. 30	6781	1411	127	3453
Pumping-engine.	C. L. Heisler.	853,359	May 14	2019	417	128	550
Pumping-jack.	J. M. Branam.	847,229	Mar. 12	3013	664	127	791
Pumping-jack.	E. Shauan.	849,166	Apr. 2	1120	226	127	1874
Pumping machinery.	C. L. Heisler.	856,636	June 11	2367	487	128	2328
Pumping-motor.	O. E. Lindfors.	846,750	Mar. 12	2072	455	127	557
Pumping water under hydraulic power. Means for.	J. D. Hobbs.	870,882	Nov. 12	1611	441	131	553
Punch.	J. F. Hardy.	846,304	Mar. 5	1160	254	127	293
Punch.	W. H. Stedham and J. N. Miller.	850,803	Apr. 16	4194	880	127	2730
Punch.	S. Boisseau.	852,215	Apr. 30	7067	1476	127	3525
Punch and die press.	G. H. Bartlett.	849,881	Apr. 9	2478	509	127	2255
Punch and shear. Combined.	A. E. Durner.	861,578	July 30	5066	1390	129	1793
Punch. Automatic prick.	J. A. Adell and L. S. Starrett.	843,655	Feb. 12	1642	348	126	2240
Punch. Center.	L. W. Sherwood.	865,063	Sept. 3	477	131	130	144
Punch. Multiple.	J. L. Brower.	861,355	July 30	4716	12-8	129	1685
Punch. Multiple.	F. C. M. and E. F. Silvers.	862,516	Aug. 6	695	188-9	129	2302
Punch. Paper-bag.	R. Munday.	873,161	Dec. 10	1778	374	131	1480
Punch, pliers, &c.	W. A. Bernard.	851,794	Apr. 30	6193	1293	127	3302
Punch. Pocket check.	R. W. Cox and J. H. Ontrich.	854,630	May 21	4515	942	128	1222
Punch. Power.	C. Gordon and H. Hart.	874,183	Dec. 17	3854	812-13	131	1851
Punch-press.	F. G. Marbach.	852,443	May 7	64	13	128	20
Punching and drawing machine. Combined.	A. Freier.	864,417	Aug. 27	3584	996	129	3291
Punching and shearing machine.	R. Gerlach.	855,765	June 4	624	128	128	1855
Punching and shearing machine.	W. McKee.	863,204	Aug. 13	1778	478	129	2671
Punching and stitching tool.	S. E. S. Clark.	870,492	Nov. 5	972	266	131	315
Punching-bag hanger.	E. K. Davis.	873,027	Dec. 10	1518	318	131	1436
Punching-bag platform.	L. Bergmann.	854,264	May 21	3848	795	128	1055
Punching-bag support.	R. A. Hart.	868,557	Oct. 15	2107	589	130	2000
Punching device. Structural-iron.	C. H. Henderson.	874,194	Dec. 17	3879	818-19	131	1854
Punching implement.	J. W. Spena.	851,450	Apr. 23	5483	1148	127	3093
Punching implement. Belt.	W. W. Woodley.	872,210	Nov. 26	4352	1037	131	1096
Punching-machine.	H. G. Morse.	840,859	Jan. 8	2135	470-3	126	586
Punching-machine.	A. Vernet.	842,729	Jan. 29	6033	1270-1	126	1685
Punching-machine.	W. F. Lautenschlager.	843,899	Feb. 12	2084	447-8	126	2349
Punching-machine.	J. Wytman.	847,535	Mar. 19	3632	801	127	977
Punching-machine.	W. Fehr.	858,066	June 25	5161	1093	128	3102
Punching-machine.	B. F. Berry.	863,346	Aug. 13	1993	536-7	129	2737
Punching-machine.	S. C. Bond.	865,857	Sept. 10	1733	483	130	574
Punching-machine.	E. Southworth.	871,739	Nov. 19	3296	815	131	908
Punching-machine and feeding mechanism therefor.	F. C. B. Page.	869,326	Oct. 29	3334	915-17	130	2434
Punching machine. Jacquard-card.	F. G. Lentz.	858,521	July 2	271	6678	129	97
Punching machine. Jacquard-card.	A. M. Scheid.	869,216	Oct. 22	3137	865-6	130	2347
Punching machine. Metal.	E. W. Summers.	855,821	June 4	734	151-2	128	1880
Punching machine. Metal.	E. W. Summers.	856,110	June 4	1253	263-4	128	2009
Punching machine. Plate.	E. W. Summers.	860,266	July 16	2995	819	129	1055
Punching-machine. Work-feeding.	J. A. Eden, Jr.	846,832	Mar. 12	2244	493	127	600
Punching mechanism. Jacquard-card.	V. and V. E. Royle and J. Whitehead.	862,019	July 30	5719	1588-9	129	1990
Punching press. Sheet-metal.	J. A. Eden, Jr.	854,706	May 21	4682	975-6	128	1263
Punching stair-stringers. Machine for.	M. Grossman.	868,428	Oct. 15	1911	535	130	1937
Puncture-closer.	D. Apstein.	868,242	Oct. 15	1600	453	130	1844
Puncture-closer.	D. Apstein.	868,243	Oct. 15	1602	454	130	1845
Puncture-closer.	D. Apstein.	873,337	Dec. 10	2143	447	131	1538
Purse.	E. J. Wilkins.	860,718	July 23	3704	1015	129	1319
Purse. Coin.	C. F. Willerstedt.	842,037	Jan. 22	4505	968	126	1264
Push-button.	G. H. Mebold.	866,377	Sept. 17	2519	702	130	850
Push-button. Electrical.	F. W. Cohn.	859,367	July 9	1641	437	129	585
Push-button switches. Sectional gang-box for.	L. W. Bossert.	859,363	July 9	1633	435	129	583
Putlog-support.	W. E. Mohan.	862,498	Aug. 6	666	179	129	2295
Putty-remover.	W. H. Hauver.	849,681	Apr. 9	2098	432	127	2157
Putting device. Self-feeding.	W. M. Brown.	861,802	July 30	5420	1493-4	129	1898
Puzzle.	L. B. Lincoln.	840,144	Jan. 1	726	157	126	198
Puzzle.	A. Bragg.	843,388	Feb. 5	1099	228	126	2068
Puzzle.	J. M. Pusey.	843,490	Feb. 5	1302	273	126	2119
Puzzle.	F. Ringl.	844,189	Feb. 12	2625	562	126	2482

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Puzzle.....	W. J. Bycraft.....	844,246	Feb. 12	2756	587	126	2517
Puzzle.....	A. G. P. Ebert.....	844,716	Feb. 19	3983	847	126	2850
Puzzle.....	A. D. Bennett.....	845,845	Mar. 5	222	45	127	55
Puzzle.....	C. M. Nealy.....	846,134	Mar. 5	859	179	127	218
Puzzle.....	B. G. Braine.....	847,545	Mar. 19	3654	805	127	984
Puzzle.....	J. F. Toomey.....	848,580	Mar. 26	5725	1252	127	1529
Puzzle.....	C. C. Hayhurst.....	849,236	Apr. 2	1245	253	127	1906
Puzzle.....	W. H. Failor.....	854,031	May 21	3383	697	128	934
Puzzle.....	W. Werner.....	854,547	May 21	4363	904	128	1183
Puzzle.....	G. A. Davis.....	854,719	May 28	4719	982	128	1303
Puzzle.....	W. D. MacMillan.....	855,196	May 28	5706	1187	128	1554
Puzzle.....	W. S. Watson and F. Artz.....	855,268	May 28	5832	1215-16	128	1588
Puzzle.....	F. H. Lehman.....	856,196	June 4	1436	303	128	2055
Puzzle.....	R. W. Kemp, Jr.....	858,074	June 25	5178	1097	128	3106
Puzzle.....	J. W. Fulkerson.....	858,712	July 2	604	158	129	208
Puzzle.....	R. Tanner.....	859,349	July 9	1609	428	129	575
Puzzle.....	M. S. Lewin.....	859,392	July 9	1677	447	129	596
Puzzle.....	J. W. Harris.....	859,767	July 9	2228	606	129	776
Puzzle.....	J. B. Schmalz.....	860,887	July 23	3967	1087	129	1406
Puzzle.....	O. M. Reed.....	865,207	Sept. 3	676	193	130	205
Puzzle.....	J. H. Savidge.....	867,841	Oct. 8	936	267	130	1619
Puzzle.....	R. M. Roessner.....	868,702	Oct. 22	2370	656	130	2110
Puzzle.....	E. C. Macartney.....	870,978	Nov. 12	1781	485	131	606
Puzzle.....	A. M. Davis.....	872,717	Dec. 3	841	175	131	1300
Puzzle.....	C. Hunt.....	873,313	Dec. 10	2086	435	131	1529
Puzzle.....	M. O. Mertes.....	873,576	Dec. 10	2607	549	131	1618
Puzzle-box.....	R. H. Howard.....	862,738	Aug. 6	1058	286	129	2408
Puzzle novelty.....	L. J. Monahan.....	875,200	Dec. 31	5921	1234	131	2241
Puzzle or game apparatus.....	H. Macrum.....	863,412	Aug. 13	2079	560	129	2766
Puzzle. Railway-.....	H. G. Webster.....	856,749	June 11	2577	529	128	2382
Pyrimidin derivative.....	L. Weber.....	848,791	Apr. 2	352	-----	127	1679
Pyrites-cinder and the like. Desulfurizing and agglomerating.....	R. F. Hill.....	847,664	Mar. 19	3913	854	127	1049
Pyrites-cinder, &c. Apparatus for desulfurizing and agglomerating.....	R. F. Hill.....	847,410	Mar. 19	3385	741	127	912
Pyrographic burner.....	J. Hetherington.....	855,577	June 4	250	50	128	1759
Pyrographic burner.....	A. M. Williams.....	870,754	Nov. 12	1414	383	131	490
Pyrometer.....	G. Heeley and C. Féry.....	842,314	Jan. 29	5085	1084	126	1441
Pyrometer.....	J. F. Hammond.....	846,998	Mar. 12	2565	564	127	682
Pyrometer.....	C. B. Thwing.....	869,668	Oct. 29	3892	1070	130	2604
Pyrotechnic device.....	E. H. Wagner.....	843,125	Feb. 5	589	124	126	1945
Quadrant mechanism for mules.....	W. D. Rundlett.....	866,307	Sept. 17	2409	672	130	815
Quadrat.....	J. S. Duncan and J. B. Hall.....	855,236	May 28	5777	1203	128	1574
Quartz-mill.....	C. E. Humphreys.....	860,747	July 23	3745	1025-7	129	1332
Quill-feeding mechanism.....	W. Trimble.....	858,487	July 2	212	50-1	129	79
Quilling-machine stop-motion.....	D. Lawlor.....	867,824	Oct. 8	915	260	130	1612
Quilling, spinning, and other textile machinery. Driving device for.....	W. Gregory.....	868,982	Oct. 22	2789	769	130	2238
Quilting apparatus.....	W. H. Bonwell.....	862,604	Aug. 6	853	228	129	2348
Quilting-frame.....	W. F. Gaines.....	843,269	Feb. 5	897	183	126	2019
Quilting-frame.....	S. C. Baughn.....	847,999	Mar. 26	4655	1014	127	1263
Quilting-frame.....	G. D. Kriebel.....	864,473	Aug. 27	3679	1024	129	3325
Quilting-frame.....	A. Wittwer.....	871,315	Nov. 19	2451	634	131	772
Quilting-frame and ironing-board. Combined.....	M. M. Lowry.....	865,409	Sept. 10	1008	288	130	335
Race-course barrier and starting device.....	D. McGladdery and J. Pawlowski.....	873,162	Dec. 10	1779	374-5	131	1480
Race. Live-animal.....	F. C. Roberts and H. J. Titus.....	855,670	June 4	426	89	128	1804
Race-starting apparatus.....	D. Stitzer.....	868,029	Oct. 15	1294	358	130	1752
Race-starting gate.....	E. M. Sprich.....	863,811	Aug. 20	2682	739-40	129	2984
Rack:							
See Automobile-rack.....	Hay-curing rack.....						
Bag-rack.....	Hay, wood, and stock rack.....						
Broom-rack.....	Hook-retaining rack.....						
Calendar-rack.....	Hose-rack.....						
Checking-rack.....	Implement-rack.....						
Clothes-rack.....	Leather-drying rack.....						
Coat and hat rack.....	Mail-bag rack.....						
Coat, hat, and umbrella rack.....	Music-rack.....						
Corn-rack.....	Oil-cloth rack.....						
Corn-ear rack.....	Pan-supporting rack.....						
Display-rack.....	Paper-rack.....						
Display card-rack.....	Paper and the like rack.....						
Display dish-rack.....	Pen and pencil rack.....						
Farm-rack.....	Pie-rack.....						
Feed-rack.....	Pool-ball rack.....						
Folding rack.....	Scale-rack.....						
Gun-rack.....	Shoe-rack.....						
Hat and coat rack.....	Stamp-rack.....						
Hat, coat, &c., rack.....	Straw-rack.....						
Hat, coat, and umbrella rack.....	Table-rack.....						
Hay-rack.....	Tobacco-rack.....						
Hay and grain rack.....	Tub-rack.....						
Hay and stock rack.....	Wagon-rack.....						
Hay and stock rack.....	Wardrobe-rack.....						
Rack.....	J. Heberling.....	840,696	Jan. 8	1820	402	126	509
Rack.....	S. Jakubowski.....	841,977	Jan. 22	4379	944	126	1234
Rack.....	I. B. Webb.....	844,067	Feb. 12	2399	514	126	2425
Rack.....	C. F. Hoffman.....	856,584	June 11	2266	465	128	2301
Rack.....	C. W. Donley.....	862,316	Aug. 6	348	96	129	2193
Rack.....	H. M. Manheim.....	873,446	Dec. 10	2335	491	131	1574
Rack or holder.....	A. M. Cope.....	847,318	Mar. 19	3193	702	127	863
Rack or holder.....	A. Lee.....	856,593	June 11	2275	468	128	2304
Radiating-circuit. Aerial.....	P. C. Hewitt.....	856,149	June 4	1348	283	128	2033
Radiator.....	W. R. Kinnear.....	841,985	Jan. 22	4402	948-9	126	1238
Radiator.....	F. Darlington.....	854,278	May 21	3875	799	128	1062

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Radiator	O. E. Wait	859,269	July 9	1474	394	129	529
Radiator	R. O. Stutsman	864,871	Sept. 3	172	49	130	54
Radiator	G. Mennesson	865,199	Sept. 3	663	188	130	201
Radiator	V. Lacing	869,577	Oct. 29	3747	1025	130	1234
Radiator	C. Wright	869,822	Oct. 29	4115	1136	130	1895
Radiator	E. L. Ogle	873,384	Dec. 10	2233	465	131	1553
Radiator	E. L. Ogle	873,385	Dec. 10	2234	465	131	1553
Radiator attachment	J. C. Scheuing	860,335	July 16	3102	847	129	1090
Radiator box-base	M. E. Danforth	852,318	Apr. 30	7240	1520	127	3566
Radiator for heating apparatus	W. J. and W. J. Burroughes, Jr.	855,692	June 4	476	100	128	1818
Radiator. Steam-	W. Andrews	869,042	Oct. 22	2880	798	130	1301
Radiator-valve	G. W. Hayden	808,182	Oct. 15	1498	424	130	1411
Radiator vent attachment	E. D. Barnes	847,456	Mar. 19	3483	762	127	937
Radiators. Automatic relief device for	T. F. Dexter	870,884	Nov. 5	18	5	131	8
Radiators. Hot-air deflector and dust-collector for	C. E. Schafer	842,914	Feb. 5	142	32	126	1827
Radiators. Making sheet-metal	W. R. Kinnear	845,304	Feb. 26	5155	1093-4	126	3190
Radiators. Manufacturing	F. Briscoe and J. M. Anguish	858,258	June 25	5514	1177	128	3192
Radiators. Venting-valve for	L. W. Eggleston	866,345	Sept. 17	2473	690	130	835
Raft. Life-	P. C. Petrie	850,847	Apr. 16	4297	902-3	127	2757
Rafting appliance. Log-	M. F. Brown	855,159	May 28	5635	1172	128	1537
Rag-cutting machine	G. W. Hall	872,414	Dec. 3	197	39	131	1199
Rag or paper reducing machine	J. L. Perkins and J. O. Stanley	864,552	Aug. 27	3839	1064	129	3373
Rail-adjuster	C. A. Jones	850,652	Apr. 16	3933	822	127	2667
Rail-anchor	F. A. Poor	842,581	Jan. 29	5672	1200	126	1595
Rail-anchor	J. A. Murphy	846,753	Mar. 12	2078	456	127	559
Rail and chair	J. F. Walker	846,535	Mar. 12	1645	366	127	448
Rail and clamp. Guard-	W. C. Boswell	860,520	July 16	3371	927	129	1178
Rail and other like joint	C. A. A. Chenu	857,229	June 18	3474	733	128	2646
Rail and shoe. Electric contact	G. Drawert	867,021	Sept. 24	3480	985	130	1187
Rail and tie coupling	P. A. Olson	875,098	Dec. 31	5724	1193	131	2208
Rail-anticreep	N. E. Salsich	854,435	May 21	4157	861	128	1133
Rail. Ball-bearing	G. I. Barnes	853,620	May 14	2526	524	128	682
Rail bending and straightening machine	C. H. Sherburne	845,131	Feb. 26	4799	1017	126	3101
Rail-bond	G. A. Mead	846,122	Mar. 5	834	174	127	212
Rail-bond	W. E. Foster	848,983	Apr. 2	743	150	127	1777
Rail-bond	J. J. Brennan	856,127	June 4	1303	273	128	2022
Rail-bond	T. C. Folsom	859,056	July 2	1153	308	129	391
Rail-bond	M. Hawkins	863,531	Aug. 13	2252	610	129	2817
Rail-bond	B. Willard	863,818	Aug. 20	2690	742	129	2987
Rail-bond	L. T. Pates	867,406	Oct. 1	267	78	130	0987
Rail-bond	F. W. Richey	867,415	Oct. 1	281	83	130	2562
Rail-bond	D. Ulke	868,376	Oct. 15	1825	514	130	2670
Rail-bond	C. Y. Haile and G. M. Hugus	871,501	Nov. 19	2869	720	131	834
Rail-bond	A. H. Mosher	872,142	Nov. 26	4212	1005	131	1074
Rail-bond compressor. Hydraulic	J. Weeks	852,532	May 7	304	55	128	83
Rail-bond. Electric	F. M. Marcy	875,198	Dec. 31	5917	1233	131	2241
Rail-bond. Electrical	A. F. Hooton	847,337	Mar. 19	3225	710	127	871
Rail-bond for rail-joint circuits	W. E. Karns	874,085	Dec. 17	3679	774	131	1819
Rail-bond-making apparatus	A. B. Herrick	870,169	Nov. 5	454	125	131	149
Rail-bond protector	L. B. Buchanan	854,328	May 21	3956	817	128	1084
Rail-bond punch	W. R. Condon	856,621	June 11	2343	482	128	2322
Rail-bonds. Compressor for	C. R. Sturdevant	840,524	Jan. 8	1491	330	126	427
Rail-bonds. Making	A. B. Herrick	868,664	Oct. 22	2300	638-9	130	2270
Rail-bonds. Manufacture of	G. A. Mead	854,099	May 21	3533	729	128	972
Rail-brace	J. Berlien	846,181	Mar. 5	934	197	127	237
Rail-brace	R. C. Stevens	854,252	May 21	3830	791	128	1050
Rail-brace	M. L. Swingle	855,264	May 28	5825	1214	128	1586
Rail-brace	J. F. Witt and J. W. McAllister	860,954	July 23	4071	1115	129	1440
Rail-brace	L. W. Sprague	865,320	Sept. 3	859	247	130	261
Rail brace or clamp	W. E. Dunn	858,861	July 2	872	227	129	300
Rail-brake. Emergency clamp	E. S. Petterson and B. F. New-some	856,907	June 11	2856	596-7	128	2449
Rail-chair	G. W. Williams	841,837	Jan. 22	4118	886	126	1173
Rail-chair	J. H. Snell	844,050	Feb. 12	2368	507	126	2418
Rail-chair	J. Parker	852,449	May 7	80	17	128	24
Rail-chair	E. A. Gilchrist	863,381	Aug. 13	2044	553	129	2755
Rail-chair	J. W. Trotter	868,505	Oct. 15	2018	564	130	1913
Rail chair and joint. Combined	H. L. Toppin	862,217	Aug. 6	174	48	129	2137
Rail chair and tie	A. P. Sells	844,622	Feb. 19	3784	798	126	2800
Rail chock. Adjustable guard-	G. M. Ervin	843,880	Feb. 12	2054	439-40	126	2341
Rail chock. Adjustable guard-	H. E. Miller	853,254	May 14	1785	371	128	486
Rail-clamp	J. C. Cantleberry and W. J. Ed-wards	860,633	July 23	3580	982	129	1281
Rail-clamp	P. A. Bonis	868,400	Oct. 15	1867	523	130	1970
Rail clamp. Guard-	W. C. Boswell	860,010	July 16	2625	714	129	933
Rail clamp. Guard-	N. O. Goldsmith	874,000	Dec. 17	3443	732	131	1791
Rail clamp or fastening	J. G. Snyder	850,262	Apr. 16	3164	662	127	2468
Rail-cleaner	H. Quertier	854,668	May 21	4588	958	128	1241
Rail-clip	C. F. Clawson	852,927	May 7	1146	236	128	292
Rail connection. Switch-	M. Waters	862,950	Aug. 13	1381	376	129	2543
Rail-coupling device	J. W. Gee	863,378	Aug. 13	2040	552	129	2754
Rail cross-tie	H. K. Myers	858,528	July 2	280	69	129	99
Rail-fastener	W. P. Johnson	840,219	Jan. 1	875	189	126	237
Rail-fastener	D. E. Olds	841,267	Jan. 15	2970	646	126	843
Rail-fastener	J. W. Wyke	841,298	Jan. 15	3043	659	126	861
Rail-fastener	E. Thornberg	844,834	Feb. 19	4218	900	126	2913
Rail-fastener	F. Schlicker	851,442	Apr. 23	5473	1146	127	3091
Rail-fastener	S. G. Petterson	875,100	Dec. 31	5727	1193-4	131	2209
Rail-fastener. Adjustable guard-	C. C. Kornis	843,897	Feb. 12	2082	446	126	2348
Rail-fastener. Adjustable guard-	F. Glenton, Jr.	843,939	Feb. 12	2172	464	126	2371
Rail-fastener and lock	J. O'Neil	872,743	Dec. 3	896	185	131	1308
Rail-fastener and tie. Combined	F. M. Paxton	847,024	Mar. 12	2624	577	127	695
Rail-fastener. Guard-	F. Cleary and J. Garrity	844,660	Feb. 19	3862	818	126	2820
Rail-fastening	C. H. Ewing	854,728	May 28	4735	984	128	1307
Rail-fastening	A. W. Avery	856,835	June 11	2721	563	128	2417
Rail-fastening	H. E. Percival	874,535	Dec. 24	4588	962	131	1999

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Rail-fastening apparatus.....	L. G. Hoon.....	842,549	Jan. 29	5612	1187	126	1581
Rail-fastening device.....	J. P. Crerar.....	851,405	Apr. 23	5403	1132	127	3074
Rail-fastening device.....	A. Flamache and J. Gernaert.....	857,987	June 25	4987	1054	128	3058
Rail-fastening tie.....	C. E. Burgess.....	861,804	July 30	5422	1494	129	1888
Rail for roundhouses. Drop.....	H. J. Drummond.....	853,868	May 14	3032	623	128	808
Rail. Guard.....	A. Morrison.....	875,203	Dec. 31	5925	1235	131	2242
Rail-joint.....	M. Nemecek.....	840,239	Jan. 1	911	199	126	247
Rail-joint.....	J. H. Price.....	840,368	Jan. 1	1180	257	126	311
Rail-joint.....	J. E. Beaver.....	840,424	Jan. 1	1284	282	126	336
Rail-joint.....	F. Teubner.....	840,970	Jan. 8	2365	519	126	644
Rail-joint.....	A. E. Boman.....	841,482	Jan. 15	3397	733	126	953
Rail-joint.....	L. M. Sartain.....	841,575	Jan. 15	3557	768	126	995
Rail-joint.....	J. W. Webb.....	841,746	Jan. 22	3910	848	126	1117
Rail-joint.....	B. Wolhaupter.....	842,508	Jan. 29	5538	1172	126	1564
Rail-joint.....	E. H. Schwartz.....	842,815	Jan. 29	6184	1306	126	1721
Rail-joint.....	A. W. Shaw.....	842,915	Feb. 5	145	32	126	1828
Rail-joint.....	J. J. Cousins.....	843,135	Feb. 5	604	128	126	1949
Rail-joint.....	J. L. Mertins.....	843,409	Feb. 5	1129	235	126	2074
Rail-joint.....	D. B. Bogard.....	843,557	Feb. 5	1454	307	126	2155
Rail-joint.....	J. A. J. Vance.....	843,853	Feb. 12	1998	429	126	2328
Rail-joint.....	D. J. Irwin and H. J. Strawn.....	844,132	Feb. 12	2518	540	126	2455
Rail-joint.....	E. M. Porter and J. W. Dauben-speck.....	844,399	Feb. 19	3095	665	126	2638
Rail-joint.....	A. E. Spratley.....	844,970	Feb. 19	4452	951	126	2971
Rail-joint.....	N. Myrin.....	845,313	Feb. 26	5167	1097	126	3193
Rail-joint.....	H. Gaara.....	845,343	Feb. 26	5224	1108-9	126	3206
Rail-joint.....	L. W. Sayre.....	845,482	Feb. 26	5507	1166	126	3275
Rail-joint.....	W. P. and S. G. Thomson.....	846,524	Mar. 12	1625	361	127	442
Rail-joint.....	J. S. A. Hunt.....	847,073	Mar. 12	2719	599	127	718
Rail-joint.....	R. Thatcher and W. A. Wedding.....	847,130	Mar. 12	2813	622	127	740
Rail-joint.....	V. Uedelhofen.....	847,382	Mar. 19	3333	731	127	898
Rail-joint.....	S. H. Campbell.....	847,400	Mar. 19	3367	737	127	907
Rail-joint.....	L. M. Ekin.....	847,560	Mar. 19	3682	812	127	991
Rail-joint.....	F. F. Martins.....	848,111	Mar. 26	4834	1055	127	1307
Rail-joint.....	B. G. Buchanan.....	848,156	Mar. 26	4901	1069	127	1326
Rail-joint.....	G. J. Richardson.....	848,397	Mar. 26	5381	1173	127	1442
Rail-joint.....	W. A. Hanvey.....	848,901	Apr. 2	614	122	127	1746
Rail-joint.....	J. H. Martin.....	849,408	Apr. 9	1572	319	127	2025
Rail-joint.....	C. H. Stephens.....	849,434	Apr. 9	1616	325	127	2037
Rail-joint.....	W. L. Grant.....	849,607	Apr. 9	1969	403	127	2125
Rail-joint.....	G. Laczay.....	849,629	Apr. 9	2010	412	127	2135
Rail-joint.....	B. Wolhaupter.....	850,198	Apr. 16	3049	639	127	2435
Rail-joint.....	H. Spunangle.....	850,269	Apr. 16	3171	663	127	2470
Rail-joint.....	J. C. Abbott.....	850,712	Apr. 16	4044	845	127	2693
Rail-joint.....	G. J. Miller.....	850,772	Apr. 16	4146	867	127	2718
Rail-joint.....	S. Toman.....	850,982	Apr. 23	4549	953	127	2859
Rail-joint.....	L. Boudreaux.....	851,645	Apr. 30	5899	1233	127	3226
Rail-joint.....	V. C. Young.....	852,210	Apr. 30	7059	1474	127	3522
Rail-joint.....	D. C. Burroughs.....	852,415	May 7	9	3	128	5
Rail-joint.....	G. W. Whiteman.....	852,990	May 7	1274	264	128	324
Rail-joint.....	E. B. Killen.....	853,090	May 7	1452	304	128	368
Rail-joint.....	W. M. Brown.....	853,221	May 14	1728	358	128	469
Rail-joint.....	J. O. Bridges.....	853,293	May 14	1877	389	128	511
Rail-joint.....	A. L. Stanford.....	854,770	May 28	4826	1002	128	1331
Rail-joint.....	S. G. Weir.....	855,914	June 4	923	191	128	1927
Rail-joint.....	C. L. McVoy.....	856,086	June 4	1211	256	128	1999
Rail-joint.....	C. L. McVoy.....	856,087	June 4	1212	256	128	1999
Rail-joint.....	J. R. Norris.....	856,090	June 4	1216	257	128	2000
Rail-joint.....	S. W. Bowser.....	856,443	June 11	1999	411	128	2235
Rail-joint.....	J. D. Jones.....	856,882	June 11	2808	585	128	2438
Rail-joint.....	G. J. Becker.....	857,860	June 25	4708	.....	128	2987
Rail-joint.....	A. C. Kerrison.....	858,659	July 2	528	136	129	183
Rail-joint.....	B. Wolhaupter.....	858,773	July 2	705	186-7	129	245
Rail-joint.....	C. W. Whittlesey.....	859,709	July 9	2148	580	129	748
Rail-joint.....	J. A. Bridge.....	860,441	July 16	3263	892	129	1141
Rail-joint.....	G. V. Lawrence.....	860,923	July 23	4017	1100	129	1421
Rail-joint.....	J. Marold.....	861,998	July 30	5697	1581	129	1984
Rail-joint.....	J. B. Baum.....	862,862	Aug. 6	1250	338	129	2466
Rail-joint.....	C. J. Heiser.....	863,392	Aug. 13	2057	556	129	2759
Rail-joint.....	R. A. Dinsmore.....	863,788	Aug. 20	2645	732	129	2973
Rail-joint.....	G. R. Clifford.....	863,835	Aug. 20	2715	748	129	2996
Rail-joint.....	W. B. Michel.....	863,866	Aug. 20	2761	760	129	3010
Rail-joint.....	M. Kalina.....	864,000	Aug. 20	2955	814	129	3068
Rail-joint.....	C. F. V. Hansen.....	864,300	Aug. 27	3415	949	129	3238
Rail-joint.....	C. C. Jantzen.....	864,895	Sept. 3	209	59	130	65
Rail-joint.....	J. F. Bastel.....	865,227	Sept. 3	711	202	130	214
Rail-joint.....	A. Doratella.....	865,770	Sept. 10	1579	445	130	514
Rail-joint.....	J. P. Rodgers.....	865,946	Sept. 10	1862	522	130	612
Rail-joint.....	W. Beckel and J. J. Abel.....	865,990	Sept. 17	1937	542	130	666
Rail-joint.....	C. T. Buck.....	865,995	Sept. 17	1942	543	130	668
Rail-joint.....	H. J. Rickard.....	866,220	Sept. 17	2275	635	130	772
Rail-joint.....	J. E. York.....	866,250	Sept. 17	2316	647	130	785
Rail-joint.....	H. L. Botkin.....	866,572	Sept. 17	2779	777	130	931
Rail-joint.....	L. A. Bundy.....	867,012	Sept. 24	3465	981	130	1182
Rail-joint.....	J. J. Herndon.....	867,657	Oct. 8	656	186	130	1532
Rail-joint.....	B. G. Braine.....	868,402	Oct. 15	1869	524	130	1925
Rail-joint.....	V. H. Shaw.....	868,494	Oct. 15	2005	560	130	1967
Rail-joint.....	C. E. Elm.....	869,164	Oct. 22	3064	846	130	2324
Rail-joint.....	M. H. Brink.....	871,104	Nov. 19	1979	541	131	701
Rail-joint.....	A. T. Palmer.....	871,140	Nov. 19	2065	558	131	712
Rail-joint.....	W. P. Thomson.....	872,477	Dec. 3	343	70-1	131	1221
Rail-joint.....	A. Morrison.....	872,532	Dec. 3	466	97	131	1238
Rail-joint.....	J. Seveik.....	874,121	Dec. 17	3744	787	131	1830
Rail-joint.....	J. L. Penn, Jr.....	874,948	Dec. 31	5431	1134	131	2159
Rail-joint.....	J. O. Wrench.....	875,229	Dec. 31	5978	1245	131	2251
Rail-joint and anticreeping device.....	F. M. Volk.....	858,235	June 25	5479	1168	128	3183

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Rail-joint and reinforced support therefor	S. F. Douglass	859,805	July 9	2281	621	129	793
Rail-joint bridge	W. H. Woodcock	867,461	Oct. 1	350	101	130	1421
Rail-joint chair	G. W. Strother	852,206	Apr. 30	7046	1472	127	3519
Rail-joint. Interfitting	D. F. Kelly	862,171	Aug. 6	96	26	129	2114
Rail joint or chair	W. Sloss, Jr.	866,692	Sept. 24	2971	842	130	1019
Rail-joint pattern	C. A. Weeks	868,513	Oct. 15	2030	569-70	130	1974
Rail-joint-securing means	J. J. Brown	840,902	Jan. 8	2232	491	126	611
Rail-joint. Step-up	G. L. Hall	844,794	Feb. 19	4147	884	126	2895
Rail-joints. Reinforced angle-bar for	B. Wolhaupter	858,774	July 2	707	187	129	246
Rail-joints. Seating-strip for	B. Grubbs	843,807	Feb. 12	1908	409	126	2306
Rail magnetic brake	V. L. Ochoa	867,147	Sept. 24	3665	1040	130	1240
Rail magnetic brake	V. L. Ochoa	873,587	Dec. 10	2622	553	131	1622
Rail. Permanent way	H. W. Perry	857,199	June 18	3432	724	128	2635
Rail-sanding device	H. A. Hall	866,721	Sept. 24	3026	854	130	1044
Rail-securing device. Track-	W. Scott	839,894	Jan. 1	183	41	126	51
Rail-splice	C. Bigenho	847,227	Mar. 12	3008	663	127	790
Rail-splice	G. W. Holforty	852,181	Apr. 30	6997	1461	127	3507
Rail-splice	J. Thomas	855,265	May 28	5826	1214	128	1586
Rail-splice	W. H. Lewis	858,882	July 2	896	233	129	308
Rail-splice	B. B. and T. W. Bonner	859,910	July 16	2454	668	129	878
Rail splice or joint	J. W. Fennel	851,590	Apr. 23	5772	1207	127	8165
Rail-spread-indicating device	J. A. Shires	853,126	May 7	1514	316	128	382
Rail-stay	C. E. Guthridge	867,359	Oct. 1	206	69	130	1375
Rail-support	G. M. Côté	860,731	July 23	3718	1018	129	1324
Rail-supporting device	J. W. Carraway	863,587	Aug. 20	2349	641	129	2876
Rail system. Guard-	A. Morrison	850,536	Apr. 16	3693	772	127	2606
Rail. Third	C. A. Blumh	859,868	July 9	2385	650	129	824
Rail. Third	R. K. Eddowes	873,522	Dec. 10	2493	526	131	1600
Rail-tie	L. Mitchell and W. S. Ford	842,573	Jan. 29	5660	1197	126	1592
Rail-tie	W. E. Boyles	847,642	Mar. 19	3870	846	127	1038
Rail-tie	H. K. Myers	850,951	Apr. 23	4502	942	127	2848
Rail-tie	L. L. Cowen	856,032	June 4	1127	236	128	1979
Rail-tie	C. W. Israel	857,068	June 18	3175	668	128	2572
Rail-tie	L. R. Nordquist	873,585	Dec. 10	2619	552	131	1621
Rail-tie and fastener	W. F. Walker	839,972	Jan. 1	339	75	126	93
Rail-tie and fastener therefor. Metallic	J. W. Calder	848,346	Mar. 26	5285	1153	127	1420
Rail-tie and fastening	J. G. Snyder. (Reissue)	12,603	Jan. 29	6269	1325	126	1741
Rail-tie and fastening	W. J. Kost	853,554	May 14	2383	496	128	644
Rail-tie. Metallic	W. G. Martan	843,475	Feb. 5	1264	265	126	2109
Rail. Track-	H. Laughlin, Jr., and D. Schuyler	856,592	June 11	2273	468	128	2304
Rail with triple head	A. V. P. M. Berthier	871,563	Nov. 19	2994	746	131	855
Rails. Anticreeping attachment for	T. L. Paine	843,232	Feb. 5	812	167	126	2000
Rails. Appliance for fixing and cutting off the upper or wearing portions of compound tramway-	E. Rhodes	871,822	Nov. 26	3496	856	131	966
Rails from spreading. Means for preventing	F. L. Volz	849,946	Apr. 9	2584	536	127	2282
Rails or the like. Device for marking the lengths of	W. Thomas	841,355	Jan. 15	3161	680	126	893
Rails. Rerolling	E. E. Slick	852,983	May 7	1257	260	128	320
Rails. Rerolling	A. P. Diescher	872,056	Nov. 26	4043	969	131	1045
Rails. Resilient approach for rack-	N. D. Levin	862,081	July 30	5835	1619	129	2028
Rails to metallic ties. Means for attaching	J. F. Bowman	846,724	Mar. 12	2013	443	127	542
Rails to railway-ties. Means for securing	E. Hamilton	862,472	Aug. 6	623	167	129	2283
Rails to ties. Means for attaching	W. C. Smith	846,516	Mar. 12	1616	358	127	440
Rails to ties. Means for securing	F. Weckerly	865,665	Sept. 10	1417	401	130	462
Railroading. Electric	I. Kitsee	864,653	Aug. 27	3993	1108	129	3419
Railway	S. E. Jackman	846,207	Mar. 5	988	211	127	250
Railway	S. E. Jackman	846,208	Mar. 5	989	211	127	251
Railway	S. E. Jackman	846,209	Mar. 5	990	212	127	252
Railway	H. L. Stillman	864,870	Sept. 3	171	49	130	54
Railway	M. S. Ellis	870,089	Nov. 5	331	93	131	110
Railway	M. R. Longacre	872,831	Dec. 3	1085	227	131	1337
Railway. Aerial	W. J. Hogan	853,788	May 14	2859	588	128	768
Railway-alarm	C. J. Courtright	849,107	Apr. 2	1002	202-3	127	1844
Railway-anchor	H. R. Cooper, Sr.	858,794	July 2	758	197	129	266
Railway and other vehicle coupling	J. Melland-Smith	855,649	June 4	389	81	128	1794
Railway and other vehicles. Brake for	A. J. Reid	875,108	Dec. 31	5738	1196-7	131	2211
Railway and other vehicles. Coupling for controlling rods of brakes between	A. J. Reid	875,109	Dec. 31	5740	1197	131	2212
Railway appliance	L. Liptai	851,242	Apr. 23	5073	1067	127	2989
Railway appliances. Electromagnetic device for use in connection with	L. H. Thullen	868,230	Oct. 15	1582	449	130	1839
Railway ballast handling and cleaning apparatus	D. R. Mehaffey	865,261	Sept. 3	755	216	130	229
Railway block-signal	J. Shannon and J. E. Wood	863,102	Aug. 13	1617	435	129	2619
Railway block-signal system	H. G. Comstock	857,446	June 18	3877	823-4	128	2745
Railway block-signal system	W. M. Chapman	859,872	July 9	2390	651-2	129	825
Railway block-signal system	W. M. Chapman	865,013	Sept. 3	393	106-7	130	123
Railway block-signal system. Electric	C. W. Hamm	867,197	Sept. 24	3767	1064	130	1275
Railway block-signaling system	A. J. Wilson	842,285	Jan. 29	5031	1075	126	1427
Railway block system	W. L. Rummel	841,451	Jan. 15	3335	720	126	938
Railway block system and locomotive equipment for operating the same.	H. Longauer	864,974	Sept. 3	337	90	130	107
Railway-brace	J. H. Waldschmidt	868,043	Oct. 15	1314	366	130	1758
Railway-brake	C. Furman	856,461	June 11	2027	417	128	2242
Railway-brake	H. A. Coleman	857,792	June 25	4581	969	128	2956
Railway-brake	J. Quist	859,108	July 2	1219	328	129	411
Railway-brake	J. B. O'Donnell	861,604	July 30	5103	1400	129	1805
Railway-brake	P. Hallot. (Reissue)	12,735	Dec. 24	5364	1121-2	131	2125
Railway-brake attachment	G. C. Wyland	866,551	Sept. 17	2748	769	130	920
Railway-brake. Emergency	W. Taylor and H. Napay	868,949	Oct. 22	2747	758	130	2225
Railway brake mechanism. Inclined	S. E. Jackman	846,210	Mar. 5	992	212	127	252
Railway brake mechanism. Inclined	S. E. Jackman	869,846	Oct. 29	4148	1145-6	130	2681
Railway brake mechanism. Inclined	S. E. Jackman	869,849	Oct. 29	4152	1147	130	2682
Railway-bridge footway	E. M. Wiley	867,178	Sept. 24	3730	1055	130	1265
Railway-buffer	W. F. Bossert	844,092	Feb. 12	2439	521-2	126	2434
Railway-bumper	J. M. Scott	842,346	Jan. 29	5167	1098	126	1464
Railway bumping-post	W. E. Symons	846,260	Mar. 5	1075	233	127	273
Railway cattle-guard	H. B. Myers	857,093	June 18	3232	680	128	2584

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Railway cattle-guard.....	M. E. Wagner and J. B. Wiseman.	863,241	Aug. 13	1850	498	129	2692
Railway cattle-guard.....	F. S. Toombs.....	868,727	Oct. 22	2413	667	130	2122
Railway cattle-guard.....	F. Sack and F. A. Tyler.....	870,469	Nov. 5	944	258	131	307
Railway cattle-guard.....	E. A. Manny.....	872,951	Dec. 3	1327	280	131	1375
Railway cattle-guard and metallic cross-tie. Combined	C. Switzer and F. Sundman.....	853,135	May 7	1533	319-20	128	387
Railway chairs, rails, and the like. Bolt for fixing....	W. E. G. Mortimore.....	874,611	Dec. 24	4727	993	131	2024
Railway-coaches. Automatic trap-door for.....	J. Marick.....	845,306	Feb. 26	5157	1095	126	3190
Railway-coaches. Combined bed and seat for.....	D. T. Owen.....	868,001	Oct. 15	1245	344-5	130	1736
Railway-coaches. Combined seat and bed for.....	D. T. Owen.....	868,000	Oct. 15	1244	344	130	1736
Railway-coaches. Wind and dust shield for.....	B. Ferguson.....	874,838	Dec. 24	5156	1086	131	2099
Railway conduit. Electric.....	J. S. Alexander.....	855,492	June 4	95	20	128	1719
Railway-constructing machine.....	R. F. Downey.....	851,982	Apr. 30	6585	1371-3	127	3403
Railway construction.....	C. R. Bowen.....	875,499	Dec. 31	6503	1357	131	2336
Railway controlling system.....	M. Trautmann.....	865,730	Sept. 10	1519	428-9	130	494
Railway-coupling.....	N. Pavia and G. Casalis.....	861,674	July 30	5206	1431	129	1835
Railway cross-tie.....	E. E. B. McClintock.....	846,935	Mar. 12	2455	538	127	653
Railway cross-tie. Metallic.....	T. W. Pitts.....	862,103	July 30	5871	1627	129	2039
Railway-crossing.....	F. P. Brining.....	871,472	Nov. 19	2796	703	131	824
Railway-crossing.....	T. Lennox.....	840,501	Jan. 8	1446	318-19	126	415
Railway-crossing.....	E. T. Dumas.....	846,190	Mar. 5	955	202-3	127	242
Railway-crossing.....	J. E. Reese.....	846,425	Mar. 5	1423	315-16	127	359
Railway-crossing.....	W. B. Weston.....	849,446	Apr. 9	1634	331	127	2043
Railway-crossing.....	G. E. Starner.....	850,688	Apr. 16	3997	836-7	127	2682
Railway-crossing.....	W. V. Cushing.....	860,734	July 23	3724	1020	129	1325
Railway-crossing.....	J. W. Helms.....	862,845	Aug. 6	1224	330-1	129	2468
Railway-crossing.....	J. E. Reese.....	865,317	Sept. 3	855	246	130	259
Railway-crossing.....	A. Hosmer.....	870,173	Nov. 5	459	127	131	151
Railway-crossing.....	W. E. Haworth.....	874,679	Dec. 24	4862	1023	131	2047
Railway-crossing gate. Automatic.....	A. M. Sanders and S. Van Dusen.....	842,118	Jan. 22	4656	999-1000	126	1300
Railway-crossing signal.....	J. Crumley.....	848,087	Mar. 26	4793	1045	127	1297
Railway-crossing signal.....	D. J. Brush.....	849,046	Apr. 2	863	176	127	1807
Railway-crossing signal.....	W. F. Hopkins.....	866,789	Sept. 24	3128	881	130	1077
Railway-crossings. Audible warning-signal for.....	C. D. Anderson and A. G. Stout.....	872,631	Dec. 3	657	137	131	1271
Railway-crossings. Pneumatic signal for.....	J. W. Pipkin and H. S. Mitchell.....	874,622	Dec. 24	4747	998-9	131	2028
Railway-crossover.....	A. M. Jones.....	852,723	May 7	704	137	128	185
Railway curve sweeper and lubricator. Street.....	D. P. Small.....	870,591	Nov. 12	1120	306	131	395
Railway-drawbridges. Rail-lock for.....	W. L. and F. P. Smith.....	862,358	Aug. 6	410	112	129	2213
Railway. Electric.....	S. B. Stewart, Jr.....	849,703	Apr. 9	2134	439	127	2166
Railway. Electric.....	W. B. Potter.....	850,117	Apr. 9	2887	603	127	2354
Railway. Electric.....	W. G. Spiegel.....	869,027	Oct. 22	2862	790	130	2260
Railway electric signaling system.....	H. J. Warthen.....	870,145	Nov. 5	417	116	131	138
Railway electrical signaling system.....	H. L. Rider.....	870,466	Nov. 5	938	256	131	306
Railway. Elevated electric.....	J. M. Gilstrap.....	845,495	Feb. 26	5465	1156-7	126	3265
Railway equipment. Warning-post for.....	E. D. Hillman.....	871,936	Nov. 26	3744	912	131	1004
Railway-frog.....	C. A. Alden.....	840,547	Jan. 8	1537	339	126	438
Railway-frog.....	E. S. Hippey.....	840,697	Jan. 8	1823	402	126	510
Railway-frog.....	J. E. Graham. (Reissue).....	12,605	Feb. 12	2912	619	126	2555
Railway-frog.....	R. E. Einstein.....	857,930	June 25	4847	1026	128	3021
Railway-frog.....	A. A. Strom.....	858,678	July 2	552	142-3	129	191
Railway-frog.....	H. C. Odenkirk and P. Pfundstein.....	859,101	July 2	1210	326	129	408
Railway-frog.....	J. E. Lewis.....	862,645	Aug. 6	914	245	129	2367
Railway-frog.....	C. W. Reinsoehl and W. M. Henderson.....	866,884	Sept. 24	3265	919	130	1118
Railway-frog.....	J. E. Graham. (Reissue).....	12,705	Oct. 22	3149	869	130	2350
Railway-frog.....	T. F. Donahoe.....	869,695	Oct. 29	3932	1083	130	2617
Railway-frog.....	J. B. Strong.....	872,473	Dec. 3	336	69	131	1220
Railway frog-guard.....	G. W. Gard.....	858,593	July 2	401	104	129	143
Railway frog-switch.....	A. M. Lewis.....	850,660	Apr. 16	3946	824	127	2671
Railway-gate.....	W. H. Myers.....	842,805	Jan. 29	6166	1302	126	1716
Railway-gate.....	W. Lambert.....	842,892	Feb. 5	98	24	126	1815
Railway-gate.....	J. M. Harrington.....	844,721	Feb. 19	3996	851	126	2854
Railway-gate.....	G. E. Murray.....	848,677	Apr. 2	110	24	127	1613
Railway-gate.....	W. L. Smyth.....	852,354	Apr. 30	7308	1536	127	3583
Railway-gate.....	F. J. Stein.....	872,028	Nov. 26	3989	958	131	1037
Railway-gate. Automatic.....	W. Bengtson.....	840,683	Jan. 8	1789	395	126	501
Railway-gate. Automatic.....	L. Gallant.....	843,335	Feb. 5	1014	209-10	126	2046
Railway-gate for grade-crossings. Electric.....	C. E. Mendenhall.....	844,284	Feb. 12	2845	606	126	2538
Railway-gate-operating mechanism.....	M. H. Loudon.....	846,326	Mar. 5	1201	265	127	303
Railway-grading machine.....	O. C. Mann.....	853,928	May 14	3169	649-51	128	843
Railway-indicators. Circuit-closing mechanism for.....	T. W. Small.....	846,514	Mar. 12	1612	357	127	439
Railway-joint.....	R. B. Swank.....	843,119	Feb. 5	579	122	126	1942
Railway-joint.....	R. B. Swank.....	843,120	Feb. 5	580	122-3	126	1943
Railway-joint.....	M. Drake.....	870,088	Nov. 5	331	93	131	110
Railway-motor-cable support.....	F. W. Garrett.....	844,790	Feb. 19	4142	882-3	126	2894
Railway-motors. Ventilation of electric.....	G. Gibbs.....	875,061	Dec. 31	5651	1179	131	2196
Railway or like points. Mechanism for moving and locking.....	L. D. G. Ferreira.....	864,963	Sept. 3	322	86	130	102
Railway. Pleasure.....	W. J. Citron.....	845,524	Feb. 26	5571	1180-1	126	3292
Railway. Pleasure.....	R. Hunt.....	852,184	Apr. 30	7002	1461-2	127	3508
Railway. Pleasure.....	J. C. Reckweg.....	858,624	July 2	456	119	129	158
Railway. Pleasure.....	R. Mega.....	860,143	July 16	2812	767	129	995
Railway. Pleasure.....	A. Bragg.....	862,607	Aug. 6	857	229	129	2349
Railway. Pleasure.....	A. Bragg.....	862,798	Aug. 6	1137	308	129	2430
Railway. Pleasure.....	C. H. Smith.....	867,432	Oct. 1	306	89-90	130	1408
Railway. Pleasure.....	L. D. Shaw.....	871,643	Nov. 19	3127	776	131	878
Railway purposes. Electromagnetic apparatus for.....	L. H. Thullen.....	863,332	Aug. 13	1971	531	129	2730
Railway-rail.....	M. W. Trimble.....	842,124	Jan. 22	4666	1002	126	1303
Railway-rail.....	J. N. Vandegrift.....	845,147	Feb. 26	4822	1023	126	3106
Railway-rail.....	J. N. Akarman.....	853,209	May 14	1703	353	128	463
Railway-rail.....	W. G. MacLaughlin.....	853,815	May 14	2916	599-600	128	782
Railway-rail.....	A. King.....	857,741	June 25	4478	945	128	2930
Railway-rail.....	A. E. Parr.....	859,834	July 9	2329	632	129	808
Railway-rail.....	J. G. Reed.....	860,693	July 23	3666	1004	129	1308
Railway-rail.....	L. D. Meckley.....	861,041	July 23	4216	1154	129	1484

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Railway-rail	W. T. Farley	865,878	Sept. 10	1762	491	130	582
Railway-rail	R. Willits	868,743	Oct. 22	2435	674	130	2129
Railway-rail	W. McCafferty	874,788	Dec. 24	5072	1068	131	2083
Railway-rail and chair therefor	R. Morgan	840,950	Jan. 8	2333	512	126	636
Railway-rail and connection therefor	E. Hamilton	864,464	Aug. 27	3669	1020	129	3322
Railway-rail and joint therefor	A. H. Hoover and E. M. Clark	874,073	Dec. 17	3664	770	131	1815
Railway-rail and rail-base plate. Combined	F. E. Abbott	857,781	June 25	4552	962	128	2948
Railway-rail brace	E. S. Barton	853,149	May 7	1559	324	128	394
Railway-rail brace	H. Hemphill	861,845	July 30	5480	1512	129	1917
Railway-rail chair	J. Crozier	844,500	Feb. 19	3295	710	126	2689
Railway-rail chair	M. L. Dunham	863,367	Aug. 13	2026	547	129	2749
Railway-rail. Compound	G. B. Stephens	850,979	Apr. 23	4546	952	127	2859
Railway-rail. Compound	A. E. Smith	864,867	Sept. 3	166	46	130	52
Railway-rail fastener	W. S. Glasgow	855,053	May 28	5403	1122	128	1479
Railway-rail fastener	G. E. Blaine	868,836	Oct. 22	2578	711	130	2172
Railway-rail fastening	R. G. Musgrove	855,472	June 4	58	13	128	1709
Railway-rail fastening	J. P. Lancaster	864,311	Aug. 27	3432	954	129	3242
Railway-rail holder	F. B. Byers	855,755	June 4	607	125	128	1851
Railway-rail joint	J. C. Wallace	843,918	Feb. 12	2135	456	126	2363
Railway-rail joint	W. H. T. King	847,187	Mar. 12	2925	644	127	768
Railway-rail joint	J. J. Feeny	848,455	Mar. 26	5496	1197	127	1473
Railway-rail joint	S. A. Neuhaud	855,725	June 4	536	113	128	1831
Railway-rail joint	W. H. Rothermel	860,329	July 16	3093	845	129	1087
Railway-rail joint	T. B. Cheek	869,479	Oct. 29	3578	981	130	2510
Railway-rail-sanding device	I. A. McCormack	866,504	Sept. 17	2680	749	130	901
Railway-rail-stay	H. H. Sponenburg	843,710	Feb. 12	1737	370	126	2263
Railway-rail stay	J. J. O. Fischer	847,403	Mar. 19	3370	738	127	908
Railway-rail stay	H. H. Sponenburg	854,060	May 31	3456	712	128	953
Railway-rail stay	H. H. Sponenburg	872,693	Dec. 2	787	163-4	131	1292
Railway-rail support	A. J. Harms	858,388	July 2	37	11	129	14
Railway-rail support	A. J. Harms	867,362	Oct. 1	210	60	130	1377
Railway-rail support	A. J. Harms	867,363	Oct. 1	211	61	130	1377
Railway-rail tie	J. Roberts and J. E. Bliss	865,125	Sept. 3	555	155	130	168
Railway-rail tie and fastener	G. H. Grove	851,130	Apr. 23	4816	1015	127	2925
Railway-rail tie-plate	C. E. Neubauer	844,890	Feb. 19	4324	922	126	2939
Railway-rails. Anticreeper and brace for	E. L. Knight	844,145	Feb. 12	2544	545	126	2461
Railway-rails. Bridge and gage plate for	F. E. Abbott	857,780	June 25	4550	961-2	128	2948
Railway-rails. Electrical connection for	E. Hayward	842,545	Jan. 29	5606	1187	126	1579
Railway-rails. Means to prevent the spreading of	J. A. Shires	863,558	Aug. 13	2289	626	129	2827
Railway road-bed	L. R. Zollinger	841,367	Jan. 15	3182	685	126	898
Railway rolling-stock. Seat and seat-back for	A. E. Ostrander	847,023	Mar. 12	2622	576	127	695
Railway rolling-stock. Seat and seat-back for	A. E. Ostrander	871,951	Nov. 26	3781	919	131	2725
Railway safety apparatus	G. F. Ryan	850,790	Apr. 16	4177	875-6	127	1010
Railway safety apparatus. Automatic	G. E. Ryan	866,521	Sept. 17	2707	756-7	130	909
Railway safety appliance	E. L. Bell	854,398	May 21	4082	844	128	1116
Railway safety appliance	G. W. Jayne	853,503	May 21	4283	887	128	1165
Railway safety appliance	M. E. Hogan	864,538	Aug. 27	3819	1058	129	3367
Railway safety device	P. Dewitt and E. J. Clarke	845,727	Feb. 26	5969	1261-2	126	3390
Railway safety device	O. F. Kloetzer and W. A. Borders	853,886	May 14	3082	632-3	128	821
Railway safety device	C. E. Boehringer	872,605	Dec. 3	600	126	131	1261
Railway safety device. Inclined	S. E. Jackson	869,847	Oct. 29	4150	1146	130	2681
Railway screw-spikes. Bushing for	A. Stucki	843,713	Feb. 12	1743	371	126	2264
Railway semaphore-signal	H. M. Abernethy	852,093	Apr. 30	6833	1425	127	3465
Railway semaphore-signal	H. M. Abernethy	852,094	Apr. 30	6834	1426	127	3465
Railway semaphore-signal	H. M. Abernethy	856,506	June 11	2100	431-2	128	2260
Railway semaphore-signal	W. Bleakley	859,639	July 9	2035	550	129	712
Railway-siding. Drop-switch	W. R. Kirk	852,565	May 7	391	71-2	128	103
Railway-signal	W. E. Lemp	841,023	Jan. 8	2475	539	126	674
Railway-signal	W. M. Ralston	841,046	Jan. 8	2517	550	126	684
Railway-signal	C. J. Coleman	842,300	Jan. 29	5061	1079	126	1435
Railway-signal	C. W. Coleman	842,828	Jan. 29	6211	1311	126	1727
Railway-signal	A. W. Harvey	852,227	Apr. 30	7086	1481	127	3530
Railway-signal	H. G. Sedgwick	852,630	May 7	514	96	128	135
Railway-signal	F. H. Wendt	853,489	May 14	2246	468	128	609
Railway-signal	B. and D. Samuels	855,020	May 28	5333	1107	128	1461
Railway-signal	C. C. Phillips	855,971	June 4	1027	213	128	1954
Railway-signal	A. Hauty	860,468	July 16	3303	903-4	129	1156
Railway-signal	W. J. Gustin	861,027	July 23	4197	1149	129	1478
Railway-signal	W. W. Brown	863,148	Aug. 13	1695	455-6	129	2643
Railway-signal	N. Mucci and A. Celenza	863,418	Aug. 13	2086	562	129	2767
Railway-signal	F. M. Collord, J. C. Rohe, and L. D. Gass	863,784	Aug. 20	2637	729-30	129	2970
Railway-signal	B. W. Rowe	865,433	Sept. 10	1043	297-8	130	346
Railway-signal	B. E. Ahlders	865,983	Sept. 17	1928	540	130	663
Railway-signal	W. H. Jordan and G. T. Hanchett	866,281	Sept. 17	2370	659-60	130	803
Railway-signal	F. B. Camors and C. Pelletier	866,331	Sept. 17	2446	632-3	130	826
Railway-signal	R. D. Peters	869,196	Oct. 22	3111	857	130	2338
Railway-signal	C. W. S. Turner	869,467	Oct. 29	3559	975-6	130	2505
Railway-signal	J. M. Moore and F. F. Kamp, Jr.	870,453	Nov. 5	918	249	131	301
Railway-signal	L. H. Thullen	871,378	Nov. 19	2586	662	131	792
Railway-signal	H. M. Abernethy	874,477	Dec. 24	4435	935-7	131	1980
Railway-signal	P. H. Slaughter	875,123	Dec. 31	5770	1203-4	131	2216
Railway-signal	C. J. Kintner	869,970	Nov. 5	133	38	131	43
Railway signal and safety appliance	G. W. Gerlach	871,166	Nov. 19	2120	568-9	131	721
Railway signal and safety appliance	J. W. Latta	842,675	Jan. 29	5905	1244	126	1654
Railway signal apparatus	R. E. Dial	856,849	June 11	2745	570-1	128	2422
Railway-signal. Automatic	W. H. Harris	867,364	Oct. 1	212	61	130	1377
Railway signal device	J. A. Baker	863,495	Aug. 13	2201	595	129	2801
Railway signal device	W. Michel	863,865	Aug. 20	2760	759	129	3009
Railway-signal. Electric	H. Smelser	842,432	Jan. 29	5371	1136-7	126	1524
Railway-signal. Electrically-operated	H. J. Jones	869,785	Oct. 29	4063	1121	130	2654
Railway signal-flag	J. Lanus	851,012	Apr. 23	4608	965	127	2875
Railway signal-fuse	F. Dutcher	853,777	May 14	2843	585	128	765
Railway signal mechanism	J. P. Coleman	863,263	Aug. 13	1875	506	129	2699
Railway signal mechanism	J. S. Payne	872,679	Dec. 3	759	158-9	131	1287
Railway signal system	A. L. Ruthven	843,703	Feb. 12	1725	367	126	2260

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Railway signal system	F. M. Myers	845,188	Feb. 26	4903	1040	126	3127
Railway signaling	W. T. Oviatt, E. F. Latimer, and W. Grunow, Jr.	860,561	July 16	3430	943	129	1198
Railway signaling	J. B. Struble	869,531	Oct. 29	3659	1003	130	2534
Railway signaling apparatus	E. R. Wolcott	852,405	Apr. 30	7425	1558-9	127	3613
Railway signaling apparatus	H. W. Spang	860,945	July 23	4049	1109-10	129	1431
Railway signaling apparatus	V. L. Raven	867,150	Sept. 24	3669	1041-2	130	1241
Railway signaling apparatus	V. L. Raven	867,151	Sept. 24	3678	1043	130	1245
Railway signaling apparatus	V. L. Raven	867,152	Sept. 24	3682	1043	130	1248
Railway signaling apparatus	F. L. Dodgson and W. K. Howe	872,613	Dec. 3	614	130	131	1263
Railway signaling apparatus for use in foggy or other weather.	J. Parker	845,115	Feb. 26	4773	1012	126	3094
Railway signaling. Controlling apparatus for	P. J. Portman	863,755	Aug. 20	2589	716	129	2955
Railway signaling device	E. G. McGath	861,759	July 30	5337	1472	129	1873
Railway signaling device	G. S. Getchell	870,232	Nov. 5	565	152	131	185
Railway signaling device	B. S. Miller	872,002	Nov. 26	3924	946	131	1027
Railway signaling device. Electric	E. B. Howell	865,781	Sept. 10	1594	451-2	130	517
Railway signaling device. Electrical	E. L. Orcutt	856,094	June 4	1224	259	128	2003
Railway signaling mechanism	E. J. Adams	841,607	Jan. 15	3617	786-7	126	1011
Railway signaling purposes. Detonator for	J. Parker	845,116	Feb. 26	4775	1012	126	3094
Railway signaling system	F. M. Black	857,021	June 18	3071	649-51	128	2542
Railway signaling system	L. H. Thullen	867,448	Oct. 1	327	95	130	1416
Railway signaling system	L. H. Thullen	868,302	Oct. 15	1706	481	130	1877
Railway signaling system. Electric	C. P. Breese and A. J. Wilson	845,683	Feb. 26	5885	1242	126	3368
Railway signaling system. Electric	J. B. Struble	849,173	Apr. 2	1135	229	127	1878
Railway signaling system. Electric	A. Casale	854,926	May 28	5150	1072-3	128	1415
Railway signaling system. Electric	C. M. Cleaveland	863,509	Aug. 13	2223	601	129	2808
Railway signaling system. Electric	L. H. Thullen	868,231	Oct. 15	1584	449-50	130	1839
Railway signaling system. Electric	N. P. Fraser and W. Gribben	870,621	Nov. 12	1174	319	131	416
Railway-sleeper and connection	R. H. Ireland	844,943	Feb. 19	4408	942	126	2960
Railway-sleepers. Machine for cutting rail-seats in	A. Collet	844,100	Feb. 12	2462	527-8	126	2441
Railway-spike	H. D. Ford	860,085	July 16	2735	746	129	969
Railway-spike	O. C. Abrahamson	861,491	July 30	4934	1355	129	1750
Railway-spike	R. A. Martin, Jr.	868,353	Oct. 15	1785	504	130	1899
Railway-spike	H. J. Dykes	874,055	Dec. 17	3564	759	131	1809
Railway-spike	E. Swanson	874,454	Dec. 24	4398	927	131	1973
Railway-splice	J. S. Beck	843,732	Feb. 12	1777	379	126	2274
Railway-spreader	O. F. Jordan	852,880	May 7	1045	215-17	128	266
Railway stand-pipe	J. F. Murphy	847,494	Mar. 19	3552	778	127	955
Railway stock-guard	W. E. Wahlin	840,030	Jan. 1	472	103	126	127
Railway structure	W. A. Dean	859,207	July 9	1378	366	129	494
Railway structures with suspended cars. Crossing for elevated-	D. M. Pfautz	841,437	Jan. 15	3303	714	126	929
Railway structures with suspended cars. Switch for elevated-	D. M. Pfautz	841,436	Jan. 15	3301	713-14	126	928
Railway. Surface-contact electric	W. M. Brown	860,726	July 23	3713	1017	129	1322
Railway. Surface electric	T. Mahoney	871,424	Nov. 19	2697	684	131	808
Railway-switch	C. Larocque	841,876	Jan. 22	4198	905	126	1192
Railway-switch	P. D. Hibner	842,460	Jan. 29	5449	1154	126	1544
Railway-switch	T. K. Wilson	842,930	Feb. 5	176	40-1	126	1834
Railway-switch	C. D. Fuller	844,014	Feb. 12	2299	492	126	2402
Railway-switch	G. E. Stewart	844,209	Feb. 12	2680	574	126	2497
Railway-switch	G. E. Madeley	847,089	Mar. 12	2746	605-6	127	724
Railway-switch	E. F. Greene	848,986	Apr. 2	749	152-3	127	1779
Railway-switch	C. S. Chamberlin and D. Harrington	850,342	Apr. 16	3317	690	127	2510
Railway-switch	V. Angerer	851,612	Apr. 23	5808	1214	127	3173
Railway-switch	O. A. Bird	851,913	Apr. 30	6439	1344	127	3367
Railway-switch	S. J. Baxter and J. L. Carlyle	853,857	May 14	3006	618	128	802
Railway-switch	J. Harmer	854,944	May 28	5178	1078	128	1422
Railway-switch	E. Norden	855,067	May 28	5439	1127	128	1489
Railway-switch	A. W. Barthel	855,156	May 28	5630	1171	128	1536
Railway-switch	U. A. Woodbury	855,437	May 28	6126	1281	128	1658
Railway-switch	J. M. Powell	856,805	June 11	2673	551-2	128	2405
Railway-switch	F. L. and A. Bille	858,436	July 2	113	32	129	38
Railway-switch	W. W. Miller	858,888	July 2	905	236-7	129	311
Railway-switch	L. T. Weaver	859,270	July 9	1475	394	129	530
Railway-switch	W. R. Collier	859,485	July 9	1803	484	129	637
Railway-switch	A. H. Winter	860,843	July 23	3886	1064	129	1379
Railway-switch	T. J. Burke	862,803	Aug. 6	1162	313	129	2440
Railway-switch	B. J. Morgan	863,416	Aug. 13	2083	561	129	2767
Railway-switch	J. D. Downes	864,232	Aug. 27	3314	918	129	3208
Railway-switch	J. A. Coppock	865,163	Sept. 3	604	170	130	184
Railway-switch	G. M. Thompson	866,983	Sept. 24	3417	968	130	1166
Railway-switch	R. Abbey and W. E. Risley	867,158	Sept. 24	3695	1045	130	1253
Railway-switch	E. M. Reilly	867,411	Oct. 1	274	81	130	1397
Railway-switch	J. F. Reese and C. L. Miner	870,992	Nov. 12	1799	490	131	612
Railway-switch	O. Harpold	872,178	Nov. 26	4281	1023	131	1086
Railway-switch	R. B. Woodall	872,982	Dec. 3	1383	291	131	1385
Railway-switch	C. L. Houghton	872,997	Dec. 3	1417	296-7	131	1391
Railway-switch	R. F. Gilmore and W. C. Cook	873,536	Dec. 10	2523	532-3	131	1604
Railway-switch	J. S. Jones	874,011	Dec. 17	3461	737	131	1794
Railway-switch	F. J. Reilly	875,110	Dec. 31	5741	1197-8	131	2212
Railway-switch adjuster. Automatic	O. Morkert	869,009	Oct. 22	2839	782-3	130	2254
Railway-switch and automatic signal apparatus	T. Wolfe	865,742	Sept. 10	1538	434	130	501
Railway-switch and signal. Electric	A. A. Roth	868,222	Oct. 15	1562	444-5	130	1832
Railway-switch. Automatic	J. D. Burkholder	846,906	Mar. 12	2396	527	127	639
Railway-switch. Automatic	E. C. Northrup	854,700	May 21	4668	972	128	1260
Railway-switch. Automatic	O. L. Lance	856,787	June 11	2642	543-4	128	2397
Railway-switch. Automatic	J. G. Ryan	858,219	June 25	5449	1163	128	3176
Railway-switch. Automatic	R. M. McGee	859,324	July 9	1569	418	129	562
Railway-switch. Automatic	H. H. Hayes	861,590	July 30	5080	1304	129	1798
Railway-switch. Automatic	C. C. Chancey	867,346	Oct. 1	181	53	130	1367
Railway-switch. Automatic	C. E. Davis	868,414	Oct. 15	1883	528-9	130	1929
Railway-switch. Automatic	L. C. McAdams	868,614	Oct. 15	2219	616	130	2037
Railway-switch. Automatic street-	J. A. Boquist	855,090	May 28	5500	1141	128	1503

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Railway-switch. Electric	E. F. Winfield	855,601	June 4	301	62	128	1772
Railway-switch. Electrically-operated	F. J. Johns	867,918	Oct. 8	1069	302-3	130	1660
Railway-switch frog	J. E. Graham	875,169	Dec. 31	5858	1223	131	2231
Railway-switch. Frogless	T. W. Harber	841,778	Jan. 22	3987	861	126	1138
Railway-switch lock	F. McGuire	852,075	Apr. 30	6800	1416	127	3458
Railway-switch lock	J. W. Torpey and G. W. Lander	868,305	Oct. 15	1712	482	130	1879
Railway-switch mechanism	O. A. Krug	851,528	Apr. 23	5635	1180	127	3129
Railway switch-operating and signaling system	A. G. Wilson	856,324	June 11	1725	358	128	2165
Railway switch-operating device. Street-	R. M. and J. M. Van Eaton	863,475	Aug. 13	2164	585-6	129	2789
Railway switch-operating mechanism	H. Raymond	858,416	July 2	82	22-3	129	28
Railway switch-operating mechanism	M. Field	861,960	July 30	5647	1566	129	1968
Railway switch. Overhead	E. C. Newton	848,681	Apr. 2	122	26	127	1617
Railway-switch shield	G. W. Williams, Sr.	845,499	Feb. 26	5532	1172	126	3282
Railway-switch stand	W. J. Brittain	863,050	Aug. 13	1520	412	129	2587
Railway switch-stand and switch-lock	J. R. Wyatt	848,421	Mar. 26	5431	1184	127	1457
Railway switch. Street-	C. A. Ridley	850,318	Apr. 16	3268	681	127	2497
Railway-switch structure	H. R. Luther and F. F. Stockwell, Jr.	873,761	Dec. 17	2971	631	131	1713
Railway switches and signals. Machine for controlling power-operated apparatus connected with	J. D. Taylor	863,237	Aug. 13	1842	495-6	129	2690
Railway-switches. Safety signaling device for	P. Cloutier	849,460	Apr. 9	1662	337	127	2051
Railway switching and signaling apparatus	W. Macomber	872,570	Dec. 3	534	111-12	131	1256
Railway switching mechanism. Electric	E. W. Clark	861,018	July 23	4184	1146	129	1475
Railway switching system	W. Macomber	856,273	June 11	1604	336	128	2133
Railway system. Electric	J. L. Crouse	868,911	Oct. 22	2684	742	130	2205
Railway system. Electric	W. B. Potter	869,459	Oct. 29	3546	973	130	2500
Railway system. Elevated	D. M. Pfautz	840,801	Jan. 8	2028	448	126	560
Railway system. Flangeless	L. Beecher	860,847	July 23	3892	1067	129	1382
Railway system. Single-track	P. von Fircks	844,111	Feb. 12	2479	532	126	2445
Railway system. Third-rail electric	C. Kozesnik	870,564	Nov. 12	1089	298	131	385
Railway system. Underground	J. H. Farrar	870,618	Nov. 12	1166	317	131	413
Railway systems. Automatic contact mechanism for electric	F. Hedley, J. S. Doyle, and H. Wallerstedt	857,059	June 18	3156	664-5	128	2567
Railway systems. Automatic interlocking contact mechanism for electric	F. Hedley, J. S. Doyle, and H. Wallerstedt	857,058	June 18	3150	663-4	128	2566
Railway-terminal for cambered bridges	J. T. Hambay	862,155	Aug. 6	52	15-16	129	2097
Railway-tie	N. J. McLean and E. Swanson	839,874	Jan. 1	145	34	126	41
Railway-tie	E. A. Rasmussen	840,959	Jan. 8	2348	515	126	640
Railway-tie	T. A. Galt	841,009	Jan. 8	2437	532	126	661
Railway-tie	D. C. Graham	841,242	Jan. 15	2923	636	126	831
Railway-tie	C. H. Collins	841,628	Jan. 15	3671	796	126	1023
Railway-tie	C. B. Van Horn and D. Townsend	841,742	Jan. 22	3901	845-6	126	1115
Railway-tie	F. V. Bieking	842,752	Jan. 29	6077	1281	126	1695
Railway-tie	H. G. Staab	843,308	Feb. 5	972	199	126	2036
Railway-tie	W. H. Castle	843,517	Feb. 5	1357	285	126	2132
Railway-tie	M. M. Batterton	845,507	Feb. 26	5545	1175	126	3285
Railway-tie	J. W. Dunnigan	846,785	Mar. 12	2144	471	127	575
Railway-tie	J. H. Price	847,110	Mar. 12	2782	614	127	732
Railway-tie	J. H. Jennings	847,780	Mar. 19	4144	905	127	1103
Railway-tie	H. S. Kilbourne	847,783	Mar. 19	4150	905-6	127	1104
Railway-tie	P. D. Nicols	848,197	Mar. 26	4973	1087	127	1343
Railway-tie	F. Bryer	848,806	Apr. 2	380	76	127	1686
Railway-tie	L. Blessing	849,721	Apr. 9	2167	446	127	2174
Railway-tie	J. P. Angell	850,283	Apr. 16	3199	667	127	2477
Railway-tie	J. Campbell	852,166	Apr. 30	6977	1456	127	3501
Railway-tie	C. E. Will	853,390	May 14	2070	429	128	564
Railway-tie	J. G. Parkerson, Jr.	853,593	May 14	2458	512	128	664
Railway-tie	E. T. Forrester	853,629	May 14	2545	528	128	686
Railway-tie	C. C. Daniels	853,773	May 14	2838	584	128	764
Railway-tie	W. Jacobson	853,978	May 21	3278	673	128	910
Railway-tie	D. P. Dunkle and J. N. Whetstone	854,155	May 21	3637	752	128	997
Railway-tie	J. A. Willis	854,787	May 28	4857	1009	128	1338
Railway-tie	R. L. Bower	855,277	May 28	5849	1219	128	1592
Railway-tie	H. E. Matthews	855,960	June 4	998	209	128	1945
Railway-tie	A. S. Reavis	857,363	June 18	3728	788	128	2710
Railway-tie	E. C. Inderlied	858,395	July 2	47	14	129	17
Railway-tie	A. S. Petrie	858,534	July 2	290	72	129	103
Railway-tie	G. M. Côté	859,203	July 9	1374	364	129	493
Railway-tie	C. S. Dean	859,439	July 9	1738	464	129	616
Railway-tie	J. Carr	861,086	July 23	4277	1173	129	1504
Railway-tie	S. M. Coleman	861,204	July 23	4448	1220	129	1562
Railway-tie	M. A. Glynn	861,969	July 30	5656	1569	129	1971
Railway-tie	J. MacMartin	862,263	Aug. 6	257	73	129	2161
Railway-tie	C. A. Damron	863,052	Aug. 13	1523	413	129	2588
Railway-tie	S. H. Warren	863,682	Aug. 20	2481	685	129	2920
Railway-tie	T. G. Hamilton	863,987	Aug. 20	2939	809	129	3063
Railway-tie	H. O. Kelsey	864,651	Aug. 27	3991	1107	129	3419
Railway-tie	W. T. Brister	865,354	Sept. 10	925	265	130	309
Railway-tie	J. C. Speaker	867,435	Oct. 1	310	90	130	1409
Railway-tie	W. McCloy	868,212	Oct. 15	1549	440	130	1828
Railway-tie	W. R. Kaufman	868,865	Oct. 22	2616	723	130	2183
Railway-tie	S. R. Harper	869,178	Oct. 22	3083	850	130	2330
Railway-tie	M. J. Nolan	869,645	Oct. 29	3856	1055	130	2594
Railway-tie	W. C. Mayo and J. Houlehan	871,425	Nov. 19	2699	684	131	808
Railway-tie	E. Henry	871,695	Nov. 19	3217	797	131	894
Railway-tie	L. Blessing	873,292	Dec. 10	2030	424	131	1521
Railway-tie	W. H. Castle	873,294	Dec. 10	2039	426	131	1523
Railway-tie	A. F. Gustafson	873,310	Dec. 10	2076	434	131	1528
Railway-tie	H. G. Willets	874,146	Dec. 17	3784	797-8	131	1838
Railway-tie	J. C. Heintz	874,193	Dec. 17	3878	818	131	1854
Railway-tie	E. T. Forrester	875,057	Dec. 31	5646	1177	131	2195
Railway-tie	C. S. Smallwood	875,125	Dec. 31	5772	1204-5	131	2217
Railway tie and chair	W. G. Johnson	845,238	Feb. 26	5007	1064	126	3153
Railway tie and clamp. Combined	C. P. Dey	869,070	Oct. 22	2934	808	130	2284
Railway-tie and fastener	F. M. Crossley	852,542	May 7	330	59	128	90

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Railway-tie and fastener.....	J. H. Lynch.....	874,609	Dec. 24	4725	992-3	131	2024
Railway-tie and fastener. Metallic.....	J. G. Smith.....	875,127	Dec. 31	5774	1206	131	2217
Railway-tie and fastening. Metallic.....	A. Morrison.....	842,226	Jan. 29	4909	1047	126	1397
Railway-tie and rail-fastener.....	J. Nicholls.....	844,827	Feb. 19	4205	897	126	2909
Railway-tie and rail-fastener.....	F. C. Evans.....	854,993	May 28	5274	1097	128	1445
Railway-tie and rail-fastener. Metallic.....	A. M. Gardner.....	859,809	July 9	2289	623	129	795
Railway-tie and rail-fastening.....	A. Newell.....	851,551	Apr. 23	5684	1191	127	3140
Railway-tie and rail-fastening.....	G. W. Rittersbach.....	869,732	Oct. 29	3987	1102	130	2633
Railway-tie and rail-fastening. Metal and concrete.....	M. Stoner.....	866,743	Sept. 24	3057	862	130	1054
Railway tie and spike.....	E. C. Inderlied.....	858,516	July 2	265	65	129	94
Railway tie, beam, or post.....	C. K. Mohler.....	872,956	Dec. 3	1340	283	131	1377
Railway-tie-boring machine.....	A. H. Handlan, Jr.....	871,402	Nov. 19	2638	674-5	131	800
Railway-tie. Cement.....	E. Legg and G. H. Wright.....	851,601	Apr. 23	5793	1211	127	3170
Railway-tie. Composite.....	L. H. Wolf.....	849,093	Apr. 2	956	195	127	1832
Railway-tie. Composite.....	W. H. Griffiths.....	850,087	Apr. 9	2823	591	127	2339
Railway-tie. Composite.....	R. M. Chapman.....	862,700	Aug. 6	1004	269	129	2393
Railway-tie. Composite.....	J. Smith.....	870,255	Nov. 5	601	161	131	196
Railway-tie. Composition.....	J. Le Favour and R. F. Brammer.....	849,798	Apr. 9	2311	474-5	127	2212
Railway-tie construction.....	J. W. Webb.....	844,489	Feb. 19	3274	706	126	2683
Railway-tie lifter.....	J. W. Norton.....	872,444	Dec. 3	261	54	131	1210
Railway-tie. Metal.....	A. O. Ridgway.....	843,492	Feb. 5	1303	274	126	2119
Railway-tie. Metal.....	J. H. Akin and C. C. Anderson.....	874,556	Dec. 24	4020	971	131	2005
Railway-tie. Metallic.....	F. M. Cain.....	841,119	Jan. 15	2693	588	126	773
Railway-tie. Metallic.....	J. J. Moore.....	842,414	Jan. 29	5324	1129	126	1510
Railway-tie. Metallic.....	A. J. Mueller.....	842,415	Jan. 29	5325	1129	126	1510
Railway-tie. Metallic.....	E. C. Potter.....	846,862	Mar. 12	2304	506	127	616
Railway-tie. Metallic.....	J. Berger.....	847,154	Mar. 12	2854	629	127	752
Railway-tie. Metallic.....	A. Durand.....	847,745	Mar. 19	4076	891	127	1086
Railway-tie. Metallic.....	B. F. Hamilton.....	849,542	Apr. 9	1850	376	127	2096
Railway-tie. Metallic.....	J. Kaylor.....	853,176	May 7	1601	332	128	404
Railway-tie. Metallic.....	J. L. Gourley.....	857,051	June 13	3140	661	128	2563
Railway-tie. Metallic.....	F. M. Canty and H. W. Schoenfeldt.....	857,328	June 18	3657	774	128	2693
Railway-tie. Metallic.....	D. P. McQueen.....	857,656	June 25	4299	908	128	2885
Railway-tie. Metallic.....	A. M. Baird.....	858,942	July 2	985	256	129	338
Railway-tie. Metallic.....	H. A. Lomax.....	859,394	July 9	1681	447	129	597
Railway-tie. Metallic.....	M. R. Kramer.....	860,037	July 16	2663	724	129	946
Railway-tie. Metallic.....	J. G. Snyder.....	861,547	July 30	5020	1379	129	1780
Railway-tie. Metallic.....	J. G. Snyder.....	861,548	July 30	5021	1379	129	1780
Railway-tie. Metallic.....	K. Fagan.....	861,644	July 30	5164	1417	129	1824
Railway-tie. Metallic.....	A. L. Moorhead.....	862,408	Aug. 6	505	135	129	2244
Railway-tie. Metallic.....	N. F. Arble.....	864,594	Aug. 27	3909	1084-5	129	3394
Railway-tie. Metallic.....	J. C. Thompson.....	871,049	Nov. 12	1877	514	131	637
Railway-tie. Metallic.....	A. L. Moorhead.....	871,065	Nov. 12	1896	519	131	643
Railway-tie. Metallic.....	L. M. Wright.....	871,658	Nov. 19	3157	782	131	883
Railway-tie. Sectional cement.....	L. Blessing.....	845,925	Mar. 5	416	85	127	103
Railway-tie. Steel.....	W. H. Shryock.....	845,376	Feb. 26	5298	1123	126	3224
Railway-tie. Steel.....	V. C. Hutchins.....	852,437	May 7	53	11	128	17
Railway time-table and bulletin-board. Inter-changeable.....	J. H. Pennick.....	860,323	July 16	3084	843	129	1084
Railway-track.....	W. Miley.....	842,967	Feb. 5	249	55	126	1852
Railway-track clamp.....	S. McElfatrick.....	857,479	June 18	3951	840	128	2765
Railway-track construction.....	S. G. Howe.....	842,202	Jan. 29	4858	1037	126	1384
Railway-track construction.....	A. King.....	850,373	Apr. 16	3378	706	127	2525
Railway-track construction.....	W. Lee.....	853,308	May 14	1925	398	128	526
Railway-track construction.....	J. H. F. Shulze.....	858,110	June 25	5251	1114	128	3125
Railway-track construction.....	H. B. Nichols and G. B. Taylor.....	860,558	July 16	3426	941-2	129	1197
Railway-track construction.....	W. E. Hughes.....	866,470	Sept. 17	2641	738	130	889
Railway-track construction.....	H. B. A. Keiser.....	870,181	Nov. 5	472	129-30	131	155
Railway-track construction.....	E. K. Morse.....	871,232	Nov. 19	2255	594	131	743
Railway-track cross-tie.....	J. E. Muhlfield.....	859,319	July 9	1552	414	129	558
Railway-track drill.....	A. H. Handlan, Jr.....	842,544	Jan. 29	5605	1186	126	1579
Railway-track equipment.....	W. L. Clement.....	856,766	June 11	2604	535	128	2389
Railway-track fastener.....	W. H. Walden.....	858,124	June 25	5276	1120	128	3131
Railway-track gage, tie adjuster, holder, and curve-elevator.....	C. Warren.....	862,775	Aug. 6	1108	299	129	2422
Railway-track joints. Graduated reinforced arched angle-bar for.....	G. H. Williams. (Reissue).....	12,625	Mar. 26	5817	1268	127	1582
Railway-track liner.....	G. A. Dugger.....	865,635	Sept. 10	1375	390-1	130	450
Railway-track rails. Bridle-rod for.....	H. W. Freeman.....	854,941	May 28	5174	1078	128	1421
Railway-track safety-block.....	L. F. Learman.....	861,295	July 30	4615	1260-1	129	1651
Railway-track structure.....	R. E. Einstein.....	871,493	Nov. 19	2842	715	131	831
Railway-track structure.....	F. F. Stockwell, Jr., and H. R. Luther.....	873,912	Dec. 17	3269	698-9	131	1762
Railway-tracks. Safety third rail for.....	J. McRaven.....	846,339	Mar. 5	1233	271	127	311
Railway-traffic-controlling apparatus.....	C. J. Coleman.....	858,793	July 2	744	196-7	129	2556
Railway-traffic-controlling system.....	C. W. Coleman.....	861,295	Sept. 17	2334	650-1	130	791
Railway traffic on single lines. Apparatus for insuring safety of.....	E. Tyer.....	871,538	Nov. 19	2942	734-5	131	846
Railway-train bumper.....	A. L. Stanford.....	861,773	July 30	5363	1480	129	1880
Railway-train-order system.....	G. G. Thomas.....	849,935	Apr. 9	2564	531	127	2277
Railway-train safety device.....	D. Kerekes.....	843,463	Feb. 5	1230	258	126	2100
Railway-train safety mechanism.....	J. Doyle.....	869,557	Oct. 29	3713	1017-18	130	2552
Railway train-shed.....	A. L. Bush.....	855,160	May 28	5636	1172	128	1537
Railway-train-stop. Electric.....	E. Woltmann.....	875,028	Dec. 31	5588	1167	131	2136
Railway-train system.....	E. D. Small.....	864,808	Sept. 3	65	19	130	23
Railway-trains. Automatic apparatus for stopping moving.....	J. T. Thompson.....	869,597	Oct. 29	3772	1033	130	2570
Railway-trains. Automatic stop for.....	V. Morrison.....	872,141	Nov. 26	4211	1005	131	1074
Railway-trains. Controlling apparatus for.....	J. T. Thompson.....	869,598	Oct. 29	3775	1033-4	130	2571
Railway-trains. Means for automatically controlling the speed of.....	D. J. McCarthy.....	867,522	Oct. 1	446	127	130	1453
Railway-trains. Protection of.....	A. R. A. Gérard.....	871,496	Nov. 19	2846	715-17	131	832
Railway-trains. Rail-spread detector for.....	J. A. Shires.....	859,182	July 2	1340	355-6	129	452
Railway. Underground electric.....	S. M. Sullivan.....	848,507	Mar. 26	5585	1220	127	1492
Railway-vehicle brake.....	C. C. W. Simpson.....	856,738	June 11	2555	525	128	2376
Railway-vehicle coupling.....	E. Ulbrich.....	839,907	Jan. 1	211	46	126	59

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Railway-vehicle coupling. Automatic.....	R. B. Parsons.....	856,098	June 4	1232	260	128	2004
Railway-vehicle coupling. Automatic.....	L. M. Orosz.....	856,418	June 11	1956	402	128	2223
Railway-vehicles. Automatic coupling for.....	W. Thorn and M. F. Mann.....	875,134	Dec. 31	5794	1209-10	131	2220
Railway-vehicles. Means for signaling and stopping.....	W. M. Beck.....	852,156	Apr. 30	6954	1452	127	3495
Railway-vehicles. Method and apparatus for automatically turning round.....	S. Enbulayeff.....	858,802	July 2	772	201-3	129	270
Railway vestibule-diaphragm.....	H. H. Schroyer.....	870,054	Nov. 5	282	76-7	131	96
Railway weigh-bridge.....	E. von Miklós.....	839,946	Jan. 1	298	65	126	82
Railway-wheel.....	A. S. Henry.....	845,001	Feb. 19	4522	964	126	2988
Railway with suspended vehicle. Single-rail electric overhead.....	H. Romanoff.....	843,418	Feb. 5	1145	239-40	126	2079
Railways. Acute-angle crossing for electric.....	E. E. Gilmore.....	849,994	Apr. 9	2654	556	127	2298
Railways and appliances pertaining thereto. System of.....	W. H. Boyes and E. F. von Wil-mowsky.....	867,007	Sept. 24	3455	978-80	130	1179
Railways and the like. Fish-plate for the rail-joints of.....	G. P. A. L. Menard.....	845,564	Feb. 26	5643	1195	126	3310
Railways and the like. Fog signaling apparatus for.....	A. W. Humphrey and A. H. Maw-bey.....	851,989	Apr. 30	6607	1376	127	3409
Railways and tunnels. Track construction for under-ground.....	T. M. K. Overland.....	859,330	July 9	1583	419	129	566
Railways. Automatic block-signaling system for electric.....	F. Townsend.....	873,468	Dec. 10	2376	500	131	1581
Railways. Case of detonating fog-signals for.....	F. A. Ludlow.....	868,201	Oct. 15	1534	435	130	1824
Railways. Catcher and delivery system for.....	M. C. Keefe.....	866,284	Sept. 17	2376	661	130	804
Railways. Contact-shoe for electric.....	H. C. Pealow.....	840,087	Jan. 1	592	129	126	157
Railways. Electric block system for.....	W. R. Fuller.....	853,403	May 14	2087	434	128	567
Railways. Electric signaling on.....	W. J. MacKenzie.....	866,945	Sept. 24	3359	950	130	1147
Railways. Electrical apparatus for setting the points and signals on.....	L. Kottmar and R. Zwack.....	842,673	Jan. 29	5892	1242-3	126	1652
Railways. Electrical switch-lock for.....	H. G. Sedgwick.....	852,629	May 7	512	95-6	128	134
Railways. Line-wire switch-frog for electric.....	H. J. Beck.....	867,939	Oct. 15	1140	314	130	1705
Railways. Sound-deadening means for.....	J. Schenbeck.....	840,258	Jan. 1	944	206	126	256
Railways. Strain-adjuster for contact-wires of electric.....	J. Mayer.....	855,323	May 28	5925	1237	128	1610
Railways. Superstructure for narrow-gage.....	F. Nellen.....	854,962	May 28	5211	1085-6	128	1430
Railways. Suspender for the contact-wires of electric.....	J. Mayer.....	855,114	May 28	5549	1152	128	1514
Railways. Third-rail cover for electric.....	W. F. Kemper.....	856,782	June 11	2636	542	128	2396
Railways. Third-rail-protecting mechanism for electric.....	H. Corrigan.....	849,773	Apr. 9	2261	465	127	2200
Rain-water-conductor-fastening device.....	A. J. Ross.....	845,578	Feb. 26	5663	1200	126	3314
Raisin-seeders. Impaling-roll for.....	E. L. Chaddock.....	865,236	Sept. 3	721	206	130	217
Raisin-seeding machine.....	G. L. Langer.....	859,671	July 9	2095	565-6	129	732
Raisins and other fruits. Machine for seeding.....	B. H. Paul.....	868,290	Oct. 15	1681	473-4	130	1870
Raisins. Apparatus for preparing and packing seeded. Rake:	N. B. Converse.....	873,922	Dec. 17	3289	702-3	131	1765
See Grain-rake. Lawn-rake.							
Hay-rake. Side-delivery rake.							
Hay and grain rake. Sweep-rake.							
Horse-rake.							
Rake.....	C. F. Field.....	847,055	Mar. 12	2685	590	127	710
Rake.....	U. S. Jessup.....	849,244	Apr. 2	1262	256	127	1911
Rake.....	R. H. Whitted.....	849,304	Apr. 2	1370	276	127	1936
Rake.....	A. Jackson.....	850,228	Apr. 16	3108	650	127	2452
Rake.....	E. W. Dowd.....	853,502	May 14	2287	474	128	621
Rake.....	H. Watson.....	866,701	Sept. 24	2984	847	130	1023
Rake.....	W. Cronk.....	870,227	Nov. 5	559	150	131	183
Rake and baling-press. Combined.....	P. E. Day.....	867,805	Oct. 8	881	250-1	130	1604
Rake attachment.....	C. C. Bergh.....	860,516	July 16	3367	925	129	1177
Rake attachment. Garden.....	P. Peterson.....	863,632	Aug. 20	2420	665	129	2901
Rake attachment. Hand.....	F. F. Horn.....	871,339	Nov. 19	2502	645	131	780
Rake-head.....	M. F. Newsom.....	840,647	Jan. 8	1728	381	126	487
Rake or collector for hay and other crops.....	E. C. Blackstone and R. E. Watts.....	868,326	Sept. 17	2438	681	130	824
Rake, swath-turner, and other like implement or machine. Side-delivery.....	W. E. Martin.....	871,604	Nov. 19	3066	761	131	867
Rake-tooth.....	R. J. Pavert.....	847,685	Mar. 19	2961	864	127	1061
Rakes. Frame construction for side-delivery.....	H. B. Sperry.....	839,968	Jan. 1	334	74	126	92
Raker gage and jointer.....	J. C. Gehrman.....	863,377	Aug. 13	2039	551	129	2753
Ram. Hydraulic.....	A. H. Francfort.....	845,402	Feb. 26	5341	1133	126	3234
Ram. Hydraulic.....	J. D. and W. H. Weaver.....	846,075	Mar. 5	734	154-5	127	187
Ram. Hydraulic.....	J. E. Lester.....	868,194	Oct. 15	1520	432	130	1820
Rams. Pulsating valve for hydraulic.....	J. Northey.....	841,563	Jan. 15	3537	764	126	990
Ramrod.....	H. P. Fitzgerald.....	855,297	May 28	5884	1226	128	1600
Range.....	R. S. Quinn.....	848,264	Mar. 26	5108	1115	127	1378
Range.....	J. F. Ruth and E. Preisler.....	850,102	Apr. 9	2852	597	127	2346
Range.....	W. Reid.....	871,441	Nov. 19	2732	690	131	814
Range and azimuth finder.....	F. Baumann.....	869,129	Oct. 22	3012	831-2	130	2307
Range-boiler.....	V. Wilhelmi.....	865,841	Sept. 10	1716	476	130	569
Range-controlling mechanism. Gas.....	F. Cais.....	845,518	Feb. 26	5562	1179	126	3289
Range-determining device.....	A. L. Bump.....	840,904	Jan. 8	2233	492	126	611
Range-finder.....	H. C. Percy.....	848,567	Mar. 26	5700	1247	127	1523
Range-finder.....	A. Swasey.....	862,294	Aug. 6	312	87-9	129	2180
Range-finder.....	B. A. Fiske.....	864,237	Aug. 27	3321	920	129	3211
Range-finder attachment.....	K. O. Leon.....	840,778	Jan. 8	1986	439-40	126	551
Range-finder. Depression.....	A. Swasey.....	851,706	Apr. 30	6025	1259-60	127	3257
Range-finder. Horizontal.....	A. Swasey.....	861,331	July 30	4670	1277-8	129	1669
Range flue construction.....	A. C. Terrell.....	856,313	June 11	1702	353	128	2159
Range. Gas.....	J. H. Walker.....	866,098	Sept. 17	2113	587	130	721
Range. Gas.....	W. A. Mills.....	867,741	Oct. 8	776	218	130	1569
Range. Kitchen.....	C. H. Miller, Jr.....	874,103	Dec. 17	3708	780	131	1823
Range lighter. Gas.....	J. H. Robuck.....	850,852	Apr. 16	4307	904	127	2759
Range-top.....	A. W. Brand.....	874,295	Dec. 17	4088	861-2	131	1889
Rat and mouse trap.....	S. Shreffler.....	867,163	Sept. 24	3705	1049	130	1257
Rat and mouse trap. Self-setting.....	F. H. Newlove.....	861,222	July 23	4479	1228	129	1571
Ratan-splitting machine.....	D. C. Hull.....	870,435	Nov. 5	897	242-3	131	294
Ratan-straightening machine.....	D. F. Doherty and H. A. Palmer.....	852,826	May 7	924	189-90	128	236

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Ratchet.....	J. Hegerhorst.....	844,356	Feb. 19	3011	643	126	2620
Ratchet Automatic.....	D. Kendall.....	844,808	Feb. 19	4173	889-90	126	2902
Ratchet-bolt.....	L. Heffner.....	856,868	June 11	2782	579	128	2431
Ratchet-brace.....	G. and W. A. Dawson.....	841,638	Jan. 15	3686	800	126	1027
Ratchet-brace.....	G. M. D. Heard.....	868,985	Oct. 22	2794	771	130	2240
Ratchet-clamp.....	F. E. Walden.....	856,436	June 11	1985	409	128	2231
Ratchet device. Feed.....	G. T. Reiss.....	839,957	Jan. 1	314	69	126	86
Ratchet-drill.....	J. H. and T. M. Aiken.....	843,513	Feb. 5	1352	284	126	2130
Ratchet-drill.....	J. J. Hourigan.....	869,087	Oct. 22	2955	815-16	130	2290
Ratchet-drill.....	C. W. Kohler and T. E. O'Brien.....	874,410	Dec. 24	4326	911	131	1960
Ratchet mechanism.....	H. J. Cook.....	850,347	Apr. 16	3333	694-5	127	2513
Ratchet mechanism.....	H. J. Cook.....	850,566	Apr. 16	3743	782	127	2619
Ratchet mechanism.....	R. C. Ellrich.....	855,292	May 28	5876	1225	128	1598
Ratchet-power.....	J. H. Harden.....	856,143	June 4	1334	279	128	2030
Ratchet-tool.....	W. H. Cowell.....	851,120	Apr. 23	4799	1010	127	2922
Ratchet tool-holder.....	P. F. Gallagher.....	847,059	Mar. 12	2693	593	127	711
Ratchet-wheel click-spring.....	E. H. Horn.....	864,785	Sept. 3	32	10	130	12
Ratchet-wrench.....	W. B. Walt.....	842,039	Jan. 22	4506	968-9	126	1264
Ratchet-wrench.....	C. Miller.....	845,716	Feb. 26	5950	1257	126	3385
Ratchet-wrench.....	G. B. Pickop.....	847,601	Mar. 19	3770	826-7	127	1014
Ratchet-wrench.....	C. Miller.....	853,930	May 14	3178	651	128	845
Ratchet-wrench.....	J. N. Noyer.....	854,174	May 21	3674	730	128	1007
Ratchet-wrench.....	J. L. Schadt.....	858,030	June 25	5080	1075	128	3080
Ratchet-wrench.....	P. H. Lasley.....	863,408	Aug. 13	2074	559	129	2765
Ratchet-wrench.....	A. E. Smith.....	867,845	Oct. 8	943	269	130	1621
Ratchet-wrench.....	J. J. Albrecht.....	873,977	Dec. 17	3394	723	131	1784
Ration-press.....	F. W. Bright.....	859,640	July 9	2037	550-2	129	713
Razor.....	J. A. Reams.....	840,371	Jan. 1	1189	261	126	313
Razor.....	G. L. Roux.....	847,609	Mar. 19	3794	831	127	1019
Razor.....	H. Claus.....	851,066	Apr. 23	4707	991	127	2900
Razor.....	T. C. Durham.....	854,814	May 28	4904	1020	128	1349
Razor.....	S. I. Prescott.....	854,839	May 28	4965	1033	128	1367
Razor.....	S. I. Prescott.....	854,840	May 28	4966	1033	128	1367
Razor.....	S. I. Prescott.....	854,841	May 28	4968	1034	128	1367
Razor.....	T. C. Durham.....	855,561	June 4	224	44	128	1753
Razor.....	J. Green.....	857,342	June 18	3687	780	128	2701
Razor.....	A. Grah.....	858,717	July 2	616	161	129	213
Razor.....	O. A. R. M. Schmidt.....	860,829	July 23	3862	1059	129	1370
Razor.....	J. F. Bailey.....	862,787	Aug. 6	1122	304	129	2426
Razor.....	A. Werner.....	866,756	Sept. 24	3076	868	130	1060
Razor.....	R. H. Reed and H. Wilcox.....	868,697	Oct. 22	2361	654	130	2106
Razor.....	L. Heuser.....	871,037	Nov. 12	1855	508	131	30
Razor-blade cleaner.....	A. F. Smith.....	842,717	Jan. 29	6007	1265	126	1679
Razor-blade handle. Safety.....	R. P. Caferty, Jr.....	840,748	Jan. 8	1930	424	126	536
Razor-blade holder.....	E. W. Wheeler.....	852,750	May 7	750	148	128	196
Razor-blade holder.....	C. W. Speece.....	854,915	May 28	5128	1067	128	1410
Razor-blade holder.....	T. F. Curley.....	858,155	June 25	5331	1134	128	3145
Razor-blade holder.....	S. Frazier.....	870,425	Nov. 5	883	237	131	291
Razor-blade holder.....	A. H. Fleming.....	870,877	Nov. 12	1603	439	131	552
Razor-blade holder. Safety.....	M. D. Fletcher.....	857,390	June 18	3782	801	128	2723
Razor-blade holder. Safety.....	W. N. Ward.....	869,757	Oct. 29	4021	1110	130	2643
Razor-blade protector. Safety.....	F. B. King.....	875,274	Dec. 31	6061	1265	131	2265
Razor-blades. Manufacturing.....	H. Brokamp and C. Hammerstein.....	858,701	July 2	587	153	129	203
Razor blades. Temporary holder for safety.....	D. A. Macbeth.....	850,767	Apr. 16	4136	866	127	2715
Razor-guard.....	G. Tittmann.....	871,152	Nov. 19	2094	563	131	716
Razor. Multiple-edge safety.....	M. H. Baker and F. S. Frisbie.....	847,308	Mar. 19	3165	696	127	857
Razor. Safety.....	F. H. Arnold.....	840,101	Jan. 1	617	134	126	163
Razor. Safety.....	D. W. and E. H. Odell.....	840,244	Jan. 1	918	201	126	249
Razor. Safety.....	J. J. Fetzter.....	840,449	Jan. 1	1333	295	126	348
Razor. Safety.....	F. H. Arnold.....	840,735	Jan. 8	1909	420	126	531
Razor. Safety.....	W. Schmachtenberg.....	840,965	Jan. 8	2358	517	126	642
Razor. Safety.....	R. H. Brown.....	840,989	Jan. 8	2395	524	126	652
Razor. Safety.....	F. H. Arnold.....	841,304	Jan. 15	3056	661	126	864
Razor. Safety.....	C. F. Smith.....	841,729	Jan. 22	3874	841	126	1108
Razor. Safety.....	F. H. Arnold.....	841,916	Jan. 22	4274	921	126	1208
Razor. Safety.....	J. R. Curley.....	841,942	Jan. 22	4314	930	126	1218
Razor. Safety.....	J. T. McCann.....	842,000	Jan. 22	4433	954	126	1246
Razor. Safety.....	F. H. Arnold.....	842,510	Jan. 29	5544	1173	126	1565
Razor. Safety.....	A. A. Warner.....	842,927	Feb. 5	173	40	126	1834
Razor. Safety.....	A. A. Warner.....	842,928	Feb. 5	174	40	126	1834
Razor. Safety.....	F. Kampfe.....	842,956	Feb. 5	225	51	126	1845
Razor. Safety.....	F. H. Arnold.....	843,059	Feb. 5	433	94	126	1903
Razor. Safety.....	A. H. Jackson.....	843,148	Feb. 5	630	133	126	1955
Razor. Safety.....	F. H. Arnold.....	843,923	Feb. 12	2142	457	126	2364
Razor. Safety.....	F. H. Arnold and E. D. Becker.....	845,389	Feb. 26	5318	1128	126	3229
Razor. Safety.....	L. B. Gaylor.....	845,628	Feb. 26	5755	1218	126	3336
Razor. Safety.....	W. C. Heimerdinger.....	845,782	Mar. 5	99	19	127	29
Razor. Safety.....	W. C. Heimerdinger.....	845,783	Mar. 5	101	20	127	29
Razor. Safety.....	W. C. Heimerdinger.....	845,784	Mar. 5	102	20	127	30
Razor. Safety.....	D. W. Gage.....	846,842	Mar. 12	2271	498	127	609
Razor. Safety.....	J. Reichard.....	850,183	Apr. 16	3021	632	127	2428
Razor. Safety.....	F. X. George, Jr.....	850,529	Apr. 16	3683	770	127	2603
Razor. Safety.....	F. J. Halbekann.....	850,929	Apr. 23	4467	934	127	2840
Razor. Safety.....	H. A. Bullard.....	851,341	Apr. 23	5279	1106	127	3042
Razor. Safety.....	R. J. Christy.....	853,960	May 21	3248	667	128	902
Razor. Safety.....	W. H. G. King.....	854,506	May 21	4290	887	128	1167
Razor. Safety.....	E. Krusius.....	855,252	May 28	5807	1210	128	1580
Razor. Safety.....	L. H. Cobb.....	855,560	June 4	223	43	128	1753
Razor. Safety.....	C. Ballreich.....	855,608	June 4	317	65	128	1776
Razor. Safety.....	R. Martin.....	856,078	June 4	1197	254	128	1995
Razor. Safety.....	J. J. Meehan.....	856,172	June 4	1390	293	128	2044
Razor. Safety.....	D. E. Goe.....	856,343	June 11	1765	367	128	2174
Razor. Safety.....	P. Beltrame and P. Falchi.....	856,438	June 11	1987	409	128	2232
Razor. Safety.....	W. J. Moore.....	856,793	June 11	2654	546	128	2401
Razor. Safety.....	D. E. Goe.....	858,649	July 2	513	132	129	178
Razor. Safety.....	A. F. Bradshaw.....	860,849	July 23	3896	1068	129	1382

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Razor. Safety-	F. H. Hoffmann	860,917	July 23	4005	1098	129	1417
Razor. Safety-	L. J. C. Astorgis	861,422	July 30	4834	1326	129	1720
Razor. Safety-	W. S. Hopkins	862,480	Aug. 6	636	171	129	2287
Razor. Safety-	F. E. Wilcox	863,889	Aug. 20	2802	770	129	3022
Razor. Safety-	F. H. Arnold and E. D. Becker	865,747	Sept. 10	1546	436	130	504
Razor. Safety-	G. Tittmann	866,827	Sept. 24	3186	896	130	1095
Razor. Safety-	D. W. Gage	866,854	Sept. 24	3220	906	130	1105
Razor. Safety-	E. B. Gibford	866,856	Sept. 24	3222	906	130	1106
Razor. Safety-	E. Feist	866,924	Sept. 24	3332	941	130	1139
Razor. Safety-	C. G. Schimkat	866,969	Sept. 24	3393	960	130	1159
Razor. Safety-	W. N. Ward	868,588	Oct. 15	2172	606	130	2023
Razor. Safety-	J. W. Leslie	869,579	Oct. 29	3748	1025	130	2562
Razor. Safety-	J. J. Steinharter	869,748	Oct. 29	4008	1107	130	2639
Razor. Safety-	H. L. Henry and W. Althoff	870,826	Nov. 12	1526	417	131	528
Razor. Safety-	I. Heuser	871,036	Nov. 12	1855	508	131	630
Razor. Safety-	I. N. Brigham	871,082	Nov. 12	1925	528	131	652
Razor. Safety-	J. J. Steinharter	875,008	Dec. 31	5549	1159	131	2179
Razor. Safety-	P. K. Stern	875,130	Dec. 31	5786	1208	131	2218
Razor-strop	G. Tryon	851,715	Apr. 30	6051	1263	127	3265
Razor-strop	A. W. Slevin	862,766	Aug. 6	1097	295	129	2419
Razor-strop	O. C. Morris and I. Snow	864,479	Aug. 27	3685	1026	129	3327
Razor-strop	G. P. Hensley	865,495	Sept. 10	1148	326	130	379
Razor-strop	J. D. Case	866,332	Sept. 17	2450	683	130	826
Razor-strop and case. Combined	J. L. Reed	858,307	June 25	5597	1197	128	3212
Razor-strop attachment	W. A. Breed	865,353	Sept. 10	924	265	130	309
Razor-strop fastener	W. Whiteley	844,068	Feb. 21	3471	716	128	958
Razor-strop members. Swivel device for.	F. Kampe	843,341	Feb. 5	1026	211	126	2049
Razor-strop protector	S. D. Phelan	864,107	Aug. 20	3113	861	129	3116
Razor-stripper	A. H. Fleming	864,524	Aug. 27	3778	1050	129	3356
Razor-stropping device	W. Sharples	860,831	July 23	3864	1059	129	1371
Razor-stropping machine	E. G. Kaufman	853,800	May 14	2882	592	128	774
Razor-stropping machine	F. C. Bowden-Smith	853,958	May 21	3245	666	128	901
Razor-stropping machine	E. E. Deputy	869,068	Oct. 22	2931	807	130	2283
Razor-stropping mechanism	H. J. Gaisman	870,091	Nov. 5	333	94	131	111
Razors. Holder for use in sharpening blades of safety-	N. A. Welles	870,399	Nov. 5	846	225	131	278
Reach-coupling	A. L. and J. C. Kirkpatrick	848,555	Mar. 26	5661	1240	127	1513
Reamer	M. Boof	840,744	Jan. 8	1925	423	126	535
Reamer	C. E. Martin	842,481	Jan. 29	5482	1161	126	1552
Reamer	B. M. Nuzum	845,431	Feb. 26	5387	1144	126	3245
Reamer	J. G. Matthews	848,113	Mar. 26	4838	1056	127	1308
Reamer	F. J. Lapointe	849,738	Apr. 9	2192	452	127	2180
Reamer	B. M. Nuzum	857,661	June 25	4307	909	128	2886
Reamer	C. W. H. Potter	858,752	July 2	674	177	129	234
Reamer	F. W. Letsch	872,522	Dec. 3	441	91	131	1233
Reamer. Cylindrical	B. M. W. Hanson	846,666	Mar. 12	1919	422	127	519
Reamer. Expansible	O. Lange	865,784	Sept. 10	1600	453	130	519
Reamers. Apparatus for restoring worn-out	R. S. Fetter	857,877	June 25	4729	1004	128	2991
Reaming and tapping machine	W. Porteous	867,077	Sept. 24	3570	1012-13	130	1213
Reaming, tapping, and facing machine. Horizontal	W. Porteous	867,076	Sept. 24	3568	1010-12	130	1212
Reaper platform-folding device	C. A. A. Rand	856,986	June 11	3004	631	128	2486
Receipt-holding case	J. S. Dods-worth	841,943	Jan. 22	4316	930	126	1218
Receipt-marker	H. C. Busby	863,019	Aug. 13	1479	403	129	2575
Receiver	L. W. Austin	846,081	Mar. 5	749	156	127	191
Receiver-support	J. Heisch, Jr.	844,722	Feb. 19	3999	852	126	2855
Receiptacle	W. Sowerby	850,686	Apr. 16	3995	836	127	2681
Receiptacle	W. T. Summers	868,721	Oct. 22	2405	664	130	2120
Receiptacle	L. J. Sheperd	869,334	Oct. 29	3346	920	130	2437
Receiptacle	J. A. Hoffmann	873,237	Dec. 10	1919	403	131	1503
Receiptacle	C. J. Schmidt	873,797	Dec. 17	3040	646	131	1724
Receiptacle and closure therefor	C. C. Gibson	869,431	Oct. 29	3502	961	130	2486
Receiptacle-clamping device	W. H. McNutt	858,899	July 2	920	241	129	317
Receiptacle-closure	A. L. Weissenthanner	857,698	June 25	4392	927	128	2909
Receiptacle-closure	A. L. Weissenthanner	872,160	Nov. 26	4243	1013	131	1079
Receiptacle-closure	A. L. Weissenthanner	872,162	Nov. 26	4248	1013	131	1080
Receiptacle-closure. Automatic	A. Pribe	841,893	Jan. 22	4235	912	126	1199
Receiptacle-closure. Hermetic	J. S. Giles	872,118	Nov. 26	4163	995	131	1065
Receiptacle-closure. Safety	L. A. Wilson	875,481	Dec. 31	6468	1352	131	2330
Receiptacle. Expanded	O. F. Eichberg	865,173	Sept. 3	619	175	130	188
Receiptacle for elements	H. P. R. L. Pörscke and G. A. Wedekind	843,549	Feb. 5	1435	302	126	2151
Receiptacle for small articles	J. C. Diamant	860,357	July 16	3131	857	129	1099
Receiptacle-forming machine	G. W. Maxwell	872,835	Dec. 3	1089	228-9	131	1338
Receiptacle. Hermetically-sealed	J. C. Bowers	867,239	Oct. 1	16	5	130	1322
Receiptacle. Hinged	J. V. Reed	871,440	Nov. 19	2732	689	131	814
Receiptacle-holder	M. H. Hart	866,463	Sept. 17	2632	735	130	887
Receiptacle. Incased	L. B. Schenck	844,542	Feb. 19	3397	732	126	2713
Receiptacle. Incased	L. B. Schenck	844,543	Feb. 19	3399	732	126	2713
Receiptacle. Metallic	W. L. Fales	864,522	Aug. 27	3774	1048	129	3354
Receiptacle. Non-refillable	R. N. Cunningham and J. W. McPherson	874,739	Dec. 24	4990	1050	131	2067
Receiptacle-opener	F. H. G. Morse	856,280	June 11	1624	338	128	2139
Receiptacle. Outdoor	J. S. Stewart	871,192	Nov. 19	2170	518	131	729
Receiptacle. Sealed and incased	L. B. Schenck	868,018	Oct. 15	1271	353	130	1744
Receiptacle-supporting device	J. W. Johnson	859,298	July 9	1517	406	129	543
Receiptacle-top fastener	J. F. Haffey	840,844	Jan. 8	2104	465	126	578
Receiptacle. Traveling	M. A. Shumard	841,902	Jan. 22	4248	914-15	126	1203
Receiptacles and the like. Means for supporting	G. A. Lutz and C. C. Sibley	842,479	Jan. 29	5480	1160	126	1551
Receiptacles. Means for closing	E. Sautter	852,981	May 7	1255	259	128	319
Receiptacles. System for closing	P. Lamouroux	869,853	Oct. 29	4157	1148	130	2662
Receiptacles with capsule and wire. Closing device for.	B. P. De Medici	842,179	Jan. 29	4815	1028	126	1374
Reciprocating beds. Cushioning mechanism for	C. A. McCain	845,429	Feb. 26	5383	1143	126	3244
Reciprocating engine	A. Mauss	844,161	Feb. 12	2570	551	126	2468
Reciprocating engine	E. A. Rix	862,107	July 30	5879	1629	129	2040
Reclining-chair	W. W. Edwards	845,861	Mar. 5	254	52	127	65
Reclining-chair	O. H. Watkins	845,913	Mar. 5	395	80	127	102
Reclining-chair	G. Francis	850,918	Apr. 23	4443	929	127	2834
Reclining-chair	M. Anthony	871,022	Nov. 12	1836	502	131	383

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Reclining-chair. Adjustable.	J. F. Wilmot	868,052	Oct. 15	1330	371	130	1762
Recoil-pad	W. W. Wohlwend	866,994	Sept. 24	3434	973	130	1171
Record-needle	H. H. Allison	874,819	Dec. 24	5123	1079	131	2092
Record-producing machine	G. W. Donning	840,117	Jan. 1	642	141-3	126	170
Recorder:							
See Cash-recorder.	Speed-recorder.						
Electric recorder.	Time-recorder.						
Machine-recorder.	Watch-service re-						
Phonograph-recorder.	corder.						
Scale-recorder.							
Recorder	D. Patterson	848,846	Apr. 2	501	97	127	1716
Recorder	F. Graziano	861,972	July 30	5662	1571	129	1972
Recorder	P. J. Darlington	870,667	Nov. 12	1264	344	131	445
Recorder	E. A. Oakes and P. A. Cooney	871,434	Nov. 19	2721	687-8	131	811
Recorder and reproducer	T. H. Macdonald	873,763	Dec. 17	2974	631	131	1713
Recorder and reproducer. Combined	T. H. Macdonald	842,897	Feb. 5	107	26	126	1817
Recording apparatus	R. S. Blair	842,132	Jan. 22	4689	1006	126	1368
Recording apparatus	H. B. Palmer	870,742	Nov. 12	1374	376-9	131	482
Recording device	J. Dawson	844,664	Feb. 19	3878	821	126	2825
Recording device	C. L. Jaeger	863,281	Aug. 13	1897	512-13	129	2705
Recording instrument	C. E. Vawter, Jr.	848,329	Mar. 26	5250	1145-6	127	1413
Recording system for salesmen's orders and ship-	F. E. Getz	847,062	Mar. 12	2700	594-5	127	713
ments.							
Recreation-wheel	C. G. Hutchinson	864,245	Aug. 27	3335	924	129	3214
Rectal dilator	C. R. Harris	844,450	Feb. 19	3187	688	126	2662
Rectangular can for dried beef and other articles	E. W. Carnes	844,326	Feb. 19	2949	628	126	2603
Recuperative furnace	F. Bredel	841,663	Jan. 22	3744	813	126	1074
Recuperative furnace	F. Bredel	841,664	Jan. 22	3746	814	126	1075
Red lakes. Making	C. E. Immerheiser	872,181	Nov. 26	4285		131	1087
Reducing compounds and producing low-carbon	E. F. Price	862,996	Aug. 13	1446	393	129	2566
ferro alloys.							
Reducing-wheel	F. L. Wolfe	841,207	Jan. 15	2845	620	126	812
Reduction and pulverizing mill	A. C. Bates	861,570	July 30	5053	1387-8	129	1789
Reduction-furnace	R. L. Baumline	866,323	Sept. 17	2434	680	130	822
Reed-board	F. L. Caulkins and F. Wienand	868,073	Oct. 15	1358	380-1	130	1771
Reeds and water-plants growing in ponds and rivers.	F. C. Ziemsen	868,958	Oct. 22	2760	761	130	2229
Device for cutting away							
Reeds. Machine for making false	W. E. Wingate	862,689	Aug. 6	979	261-2	129	2385
Reel:							
See Box-strapping reel.	Hose-reel.						
Casting-reel.	Locomotive-reel.						
Clothes-reel.	Switchboard-cord reel.						
Clothes-line reel.	Tape-reel.						
Fish-reel.	Wagon-reel.						
Fish-line reel.	Wire-reel.						
Fishing-reel.	Wire-cloth reel.						
Fishing-line reel.	Wire-coiling-machine						
Garden-reel.	reel.						
Harvester-reel.	Wire-payout reel.						
Header-reel.							
Reel	J. Pepper, Jr.	841,891	Jan. 22	4230	911	126	1198
Reel	A. M. Maguire	850,236	Apr. 16	3119	652	127	2455
Reel	F. Mossberg	851,366	Apr. 23	5328	1117	127	3053
Reel	F. Mossberg	851,367	Apr. 23	5330	1117	127	3054
Reel	F. Mossberg	851,368	Apr. 23	5331	1118	127	3054
Reel	W. A. Nichols	851,770	Apr. 30	6135	1282	127	3286
Reel	C. A. Brinley and A. W. Morris	860,521	July 16	3371	927	129	1179
Reel	W. A. Arnold	866,613	Sept. 24	2848	803	130	985
Reel	L. E. Tanner	868,722	Oct. 22	2405	664	130	2120
Reel	E. G. McIntyre	869,010	Oct. 22	2842	783	130	2255
Reel	J. N. Landon	872,826	Dec. 3	1064	223	131	1335
Reel and display device for veilings, laces, and like	J. and A. Wineburgh and F. B.	865,466	Sept. 10	1098	313	130	363
fabrics.	Ivy.						
Reel-carrier	J. J. Tellington	848,932	Apr. 2	659	132	127	1757
Reel-clamp and finger-grip. Combined	E. R. Letterman	858,881	July 2	895	233	129	308
Reel-seat	E. C. Gorham	849,231	Apr. 2	1236	251	127	1904
Reeling and unreeling attachment	A. J. Determann	844,260	Feb. 12	2791	596	126	2526
Reeling device	C. A. Hadland	845,545	Feb. 26	5613	1189	126	3303
Reeling device	C. A. Hadland	847,178	Mar. 12	2908	640	127	764
Refining-engine	S. R. Wagg	844,063	Feb. 12	2390	512	126	2423
Reflector	F. Müller	840,084	Jan. 1	587	127-8	126	156
Reflector	A. D. Curtis	871,915	Nov. 26	3698	902	131	998
Reflector	C. C. Burr	858,360	July 2	13	6	129	6
Reflector for artificial lights. Shade-	C. J. Johnsen	866,658	Sept. 24	2923	826	130	1005
Reflector. Window-	G. A. Bahn	859,037	July 2	1132	302	129	385
Refraction. Apparatus for testing errors of	C. L. Norton	847,293	Mar. 12	3132		127	821
Refractory material and producing it	J. H. Holmgreen	843,894	Feb. 12	2076	444-5	126	2347
Refrigerating apparatus	F. A. Rider	855,983	June 4	1049	217-18	128	1959
Refrigerating apparatus	C. J. Coleman	871,325	Nov. 19	2475	639	131	776
Refrigerating apparatus	J. J. Glauser	871,397	Nov. 19	2631	672-3	131	799
Refrigerating attachment for milk-cans	H. S. Parker	841,567	Jan. 15	3542	766	126	992
Refrigerating-car	F. J. Gilroy	855,768	June 4	629	128-9	128	1856
Refrigerating cars	C. C. Trowbridge	870,913	Nov. 12	1659	456	131	569
Refrigerating device	G. A. Baker	841,104	Jan. 15	2668	584	126	767
Refrigerating liquids. Means for maintaining the	A. P. Criswell and A. C. Bishop	851,121	Apr. 23	4801	1010	127	2922
strength of							
Refrigerator	J. Staudacher	843,044	Feb. 5	406	88	126	1895
Refrigerator	C. Dukelow, M. J. Kier, and H. A.	843,668	Feb. 12	1662	352	126	2244
	Jaeger.						
Refrigerator	F. C. Trotter	843,978	Feb. 12	2233	478	126	2387
Refrigerator	L. Desforges, Jr.	844,924	Feb. 19	4379	936	126	2952
Refrigerator	E. C. Strayer	846,873	Mar. 12	2327	513	127	622
Refrigerator	C. W. Reynolds	847,823	Mar. 19	4250	931	127	1126
Refrigerator	H. J. Shannen	853,834	May 14	2964	607-8	128	733
Refrigerator	C. H. Mitchell and J. F. Wineland	855,962	June 4	1000	209	128	1946
Refrigerator	M. J. Bunnell	856,568	June 11	2230	459	128	2292
Refrigerator	R. E. Miller	857,887	June 25	4745	1008	128	2994

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Refrigerator	W. Landry	865,403	Sept. 10	998	286	130	332
Refrigerator	H. J. Shannen	865,952	Sept. 10	1870	524	130	613
Refrigerator	J. A. Agrillo	870,532	Nov. 12	1039	284	131	367
Refrigerator	H. Johnson	872,655	Dec. 3	710	148	131	1279
Refrigerator	H. C. Nott and A. W. Rau	873,887	Dec. 17	3227	688	131	1754
Refrigerator-alarm	H. P. Kelly	871,873	Nov. 26	3619	883	131	985
Refrigerator and filter. Combined	J. Y. Arnot	856,508	June 11	2103	432	128	2261
Refrigerator and water-cooler. Combined	E. Keene	857,944	June 25	4881	1032	128	3030
Refrigerator-building	F. B. Clayton and G. D. Spielberger.	874,939	Dec. 31	5401	1128-9	131	2156
Refrigerator-distributor	W. Wolf	851,723	Apr. 30	6063	1266	127	3268
Refrigerator-door	C. Stotz	844,698	Feb. 19	3943	835	126	2841
Refrigerator-door fastener	L. G. Coon	874,833	Dec. 24	5150	1085	131	2097
Refrigerator-fastening	G. C. Miller	850,032	Apr. 9	2708	569	127	2310
Refrigerator tub or bucket	J. D. Collins	848,290	Mar. 26	5171	1127	127	1394
Refrigerator. Window-	B. Meyer	853,589	May 14	2451	511	128	662
Refrigerators and alarm therefor. Receptacle for the drain-water of	A. Casale	873,503	Dec. 10	2452	516	131	1593
Refuse-burner	C. D. Stevens	843,971	Feb. 12	2224	475-6	126	2385
Refuse-can	T. Lee	850,167	Apr. 16	2984	625	127	2419
Refuse disposal. System of	A. N. Pierson	865,427	Sept. 10	1033	294-5	130	343
Refuse-receptacle	E. E. Irish	875,270	Dec. 31	6049	1262	131	2263
Regenerative furnace	G. Brauer and H. Gewecke	867,105	Sept. 24	3612	1024-5	130	1224
Register:							
See Account-register.	Hot-air register.						
Autographic register.	Hotel-register.						
Cash-register.	Loose-leaf register.						
Check-register.	Mile-register.						
Coin-register.	Pocket-register.						
Controller-register.	Tap-register.						
Electromagnetic register.	Tape-punching register.						
Fare-register.	Wall-register.						
Hair-cut register.	Water-register.						
Hair-cutting register.							
Register	J. H. Williams	843,055	Feb. 5	419	91	126	1899
Register	C. Schillinger	857,309	June 18	3628	768	128	2685
Register	S. J. Salter	864,567	Aug. 27	3866	1073-4	129	3381
Register	D. J. Russell	866,737	Sept. 24	3048	859-60	130	1052
Register	A. J. Kirchner	867,049	Sept. 24	3524	1000	130	1199
Register	L. A. Schmidt	873,270	Dec. 10	1986	416	131	1514
Register	L. D. Smith	874,127	Dec. 17	3753	789-90	131	1832
Register and ventilator	F. G. Nicolaus	847,497	Mar. 19	3556	779-80	127	956
Register attachment	W. H. Sowash	872,090	Nov. 26	4112	984	131	1057
Register-hook	W. L. Hamilton	873,043	Dec. 10	1559	326	131	1442
Register-hook	W. L. Hamilton	874,500	Dec. 24	4494	945	131	1987
Register name-board	F. W. Leuthesser	843,285	Feb. 5	925	188	126	2026
Register name-board	F. W. Leuthesser	845,183	Feb. 26	4893	1038	126	3124
Register or name-board	F. W. Leuthesser	863,295	Aug. 13	1916	518-19	129	2711
Registering apparatus	S. K. Lowman	870,975	Nov. 12	1778	484	131	606
Registering device	A. C. McEwen	848,483	Mar. 26	5536	1206-7	127	1483
Registering device	H. B. Rouse	872,685	Dec. 3	773	161	131	1290
Registering device	M. M. Shumaker	874,254	Dec. 17	4002	845	131	1875
Registering device	R. Storm, J. F. Underwood, and R. Jackson.	874,635	Dec. 24	4771	1003	131	2033
Registering head. Adjustable rope-locking	H. Behnfeldt	864,287	Aug. 27	3399	945	129	3233
Registering letters and the like. Coin-freed apparatus for	A. Fodor and A. Büky	845,865	Mar. 5	267	54-5	127	68
Registering-lock	E. F. Wells	844,702	Feb. 19	3949	837	126	2843
Registering mechanism	W. Langrill	864,173	Aug. 27	3222	892-3	129	3177
Registering mechanism	J. Alexander	864,442	Aug. 27	3633	1010	129	3309
Registering mechanism	C. H. Eimerbrink	872,916	Dec. 3	1252	268	131	1364
Registering mechanism. Coin-operated	A. D. Grover and E. E. Barber	855,850	June 4	797	166-7	128	1896
Regulator:							
See Burner-regulator.	Hot-water regulator.						
Carbureter air-intake regulator.	Lamp-regulator.						
Clock-regulator.	Light-regulator.						
Controller-regulator.	Motor-regulator.						
Damper-regulator.	Phonograph sound-regulator.						
Dental regulator.	Plow depth-regulator.						
Draft-regulator.	Potential-regulator.						
Draft and vent regulator.	Pressure-regulator.						
Electric regulator.	Pump-regulator.						
Electric-current regulator.	Pump and motor regulator.						
Engine speed-regulator.	Pump-stroke regulator.						
Feed-regulator.	Speed-regulator.						
Feed-water regulator.	Stove-door draft-regulator.						
Fluid-regulator.	Temperature-regulator.						
Fluid-pressure regulator.	Timepiece-regulator.						
Fuel-regulator.	Tongue-regulator.						
Furnace-regulator.	Turbine-regulator.						
Furnace draft-regulator.	Voltage-regulator.						
Gas-regulator.	Watch-regulator.						
Gas-burner regulator.	Water-regulator.						
Gas-pressure regulator.	Water-feed regulator.						
Grinding-machine feed-regulator.	Water-pressure regulator.						
Heat-regulator.	Wheel-regulator.						
	Windmill-regulator.						
Regulator	D. Stuart	851,385	Apr. 23	5365	1123	127	3064

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Regulator	R. D. Wirt	854,303	May 21	4075	842	128	1114
Regulator	R. E. Atkinson	869,612	Oct. 29	3804	1040	130	2580
Regulator and safety-stop	J. Tribe	863,117	Aug. 13	1648	441-2	129	2628
Reheater	G. E. Wilson and W. J. Frawley	847,713	Mar. 19	4013	877	127	1072
Rein check or stop	S. B. Anderson	841,843	Jan. 22	4132	890	126	1177
Rein-guard	W. P. Fell	849,467	Apr. 9	1688	340	127	2055
Rein-guide. Antifriction	C. Kinney and E. P. Harris	871,596	Nov. 19	3046	758	131	865
Rein-holder	G. H. Fernald	853,544	May 14	2367	493	128	640
Rein-holder	G. Stockhill	856,554	June 11	2202	453	128	2285
Rein-holder	C. S. Chaffee	857,873	June 25	4725	1003	128	2990
Rein-holder	W. A. Hutson	860,870	July 23	3931	1077	129	1393
Rein-holder	E. R. Ferrell	861,959	July 30	5647	1566	129	1968
Rein-holder	I. Skinner	862,114	July 30	5895	1633	129	2045
Rein-holder	C. F. Mayer	864,178	Aug. 27	3230	895	129	3180
Rein-holder	C. M. Crum	873,990	Dec. 17	3418	728	131	1788
Rein-holding attachment for harness	R. F. Hayner	843,600	Feb. 12	1533	324	126	2208
Reinforcing-bar	L. Hunt	841,014	Jan. 8	2462	536	126	671
Reinforcing-bar	G. E. Vandenburg	841,741	Jan. 22	3900	845	126	1115
Reinforcing-bar	H. E. White	858,693	July 2	575	149	129	199
Reinforcing-bar	M. Haupt	871,504	Nov. 19	2872	721	131	834
Relasting apparatus. Shoe	C. F. Pym	872,318	Nov. 26	4561	1079	131	1130
Relasting-machine	C. F. Pym	872,317	Nov. 26	4556	1078-9	131	1130
Relay	R. H. Manson	847,197	Mar. 12	2964	652	127	779
Relay	C. E. Scribner	850,402	Apr. 16	3433	719	127	2539
Relay	E. F. Bliss	851,795	Apr. 30	6193	1293	127	3302
Relay	E. W. Vogel	855,365	May 28	5999	1252-3	128	1629
Relay	R. H. Manson	859,676	July 9	2103	568	129	734
Relay	F. R. McBerty	862,580	Aug. 6	813	217	129	2335
Relay	J. B. Struble	863,667	Aug. 20	2462	678	129	2914
Relay	L. H. Thullen	868,232	Oct. 15	1586	450	130	1810
Relay	L. F. Howard	869,490	Oct. 29	3596	985	130	2515
Relay-adjusting device	E. B. Craft	847,555	Mar. 19	3671	810	127	988
Relay and sounder	G. W. Lorimer	862,084	July 30	5838	1619	129	2029
Relay. Electric	I. Kitsee	856,163	June 4	1376	290	128	2040
Relay for circuit-breakers	M. Fuss	869,359	Oct. 29	3389	932	130	2452
Relay. Reverse-phase	E. M. Hewlett	854,741	May 28	4758	988	128	1313
Relay structure	H. G. Webster	848,793	Apr. 2	356	71	127	1680
Relay. Throttle	A. S. Cubitt	873,729	Dec. 17	2914	618	131	1702
Relay. Track	J. D. Taylor	870,139	Nov. 5	409	114	131	136
Releasable connection	E. S. Clough	844,710	Feb. 19	3967	842	126	2846
Release. Slow-speed mechanical	W. P. Neubert	863,934	Aug. 20	2861	787-8	129	3040
Relish set	F. Theil	845,278	Feb. 26	5090	1081	126	3174
Rendering-tank	F. G. Wiseloge	846,539	Mar. 12	1654	367-8	127	430
Rendering-tanks into the atmosphere. Means for preventing the escape of noxious vapors and gases from	C. L. Smith	848,268	Mar. 26	5114	1116	127	1379
Renovator. Pneumatic	F. T. Snyder	862,119	July 30	5903	1634	129	2047
Renovator. Pneumatic	J. S. Thurman	870,325	Nov. 5	712	192	131	233
Replanter attachment	L. Gudgeon	886,633	June 11	2363	486	128	2327
Reproducing and imitating machine	B. O. Fanslow	873,930	Dec. 17	3303	706	131	1768
Reproducing device	E. Kollandet	852,036	Apr. 30	6740	1401	127	3442
Resawing-machine	A. Mereen	842,572	Jan. 29	5656	1196-7	126	1591
Reservoir	M. A. Martin	845,804	Mar. 5	137	26	127	38
Reservoir-bleeder	J. E. Mournie and H. J. Tinsley	846,232	Mar. 5	1031	221	127	262
Reservoirs. Controlling means for fluid	J. L. Schureman	840,163	Jan. 1	755	165	126	205
Resetting mechanism. Auxiliary	W. Langriff	856,267	June 11	1591	333	128	2129
Resilient-tired wheel for automobiles and other vehicles	A. C. Monfort	868,207	Oct. 15	1544	438	130	1826
Resilient-tired wheel for self-propelled vehicles	E. M. Carhart	872,645	Dec. 3	682	142	131	1275
Resilient wheel	T. Gare	854,286	May 21	3891	802	128	1067
Resistance-adjusting device	H. P. MacLagan	870,042	Nov. 5	264	72	131	90
Resistance-box for electrical measurements	F. Aronson	852,536	May 7	312	57	128	85
Resistance devices. Making	L. E. Barringer	848,954	Apr. 2	694	140	127	1764
Resistance. Inclosed	H. J. Wiegand	872,208	Nov. 26	4346	1037	131	1096
Resistance. Inclosed	H. J. Wiegand	872,209	Nov. 26	4349	1037	131	1096
Resistance. Non-inductive	J. F. McElroy	874,023	Dec. 17	3484	742	131	1798
Resistance-terminal	H. D. James	851,667	Apr. 30	5942	1241	127	3236
Resistance unit	R. Fleming	845,225	Feb. 26	4980	1059	126	3146
Resistance unit	H. E. Heath	853,784	May 14	2852	587	128	767
Resistance unit	F. Mackintosh	854,748	May 28	4773	991	128	1318
Resistance unit	C. Macmillan	869,314	Oct. 29	3313	911	130	2428
Respiration. Machine for inducing artificial	G. Poe	859,778	July 9	2251	612	129	782
Respirator	E. N. Casey and H. E. Rathbun	864,445	Aug. 27	3639	1012	129	3310
Retaining-brake	D. W. Lloyd	846,802	Mar. 12	2176	478	127	584
Retaining device	B. Blackburn	869,131	Oct. 22	3014	832	130	2307
Retaining-stakes. Means for supporting and releasing	E. I. Dyer	866,344	Sept. 17	2470	689-90	130	834
Retinoscope	S. C. Thomson	868,373	Oct. 15	1822	513	130	1910
Retort	C. H. Duisdieker	851,409	Apr. 23	5408	1133	127	3075
Retort and furnace. Mercury	C. F. Brown	847,399	Mar. 19	3365	737	127	907
Retort. Charcoal	W. A. T. Willink	871,313	Nov. 19	2447	633	131	771
Retort-charging machine	L. W. Kirk	857,074	June 18	3188	671	128	2575
Retort-closure	M. J. Campbell	850,133	Apr. 16	2929	612	127	2405
Retort-cover. Automatic	J. J. Barr	857,148	June 18	3325	701	128	2608
Retort. Extracting	J. G. Gardner	856,049	June 4	1153	243	128	1984
Retorts. Refractory lining for	F. B. Smith and G. C. Glynn	860,701	July 23	3678	1007	129	1312
Reverse mechanism	A. C. Fitz	858,447	July 2	127	34	129	43
Reversible motor	E. J. St. Croix	858,635	July 2	491	126	129	171
Reversible seat	F. Ort	849,423	Apr. 9	1600	324	127	2033
Reversing mechanism	A. P. Crell	866,776	Sept. 24	3112	875-6	130	1072
Reversing mechanism	S. T. Nelson	873,776	Dec. 17	2999	636-7	131	1718
Reversing-switch	C. A. Tunstall	855,147	May 28	5605	1166	128	1528
Revetment	W. E. Thorne	841,281	Jan. 15	2997	652	126	849
Revetment for shores or banks. Anchor	D. Neale	855,584	June 4	266	54	128	1763

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Revolver.....	J. L. Garner.....	844,671	Feb. 19	3886	822	126	2827
Revolver.....	M. Stern.....	845,274	Feb. 26	5079	1079	126	3171
Revolver.....	M. Stern.....	859,990	July 16	2589	705	129	921
Revolver-jacket. Extensible.....	J. Adrianson.....	855,439	June 4	1	1	128	1695
Revolvers. Hinge-joint for.....	J. C. E. Leach.....	855,793	June 4	673	138	128	1867
Revolving stand.....	I. N. Davis.....	860,019	July 16	2639	716	129	938
Revolving table.....	J. W. Hull.....	855,951	June 4	979	204	128	1941
Rewinding-machines, &c. Web-guide for.....	R. Mason.....	841,994	Jan. 22	4421	952-3	126	1243
Rheostat.....	F. G. Jahn.....	861,365	July 30	4732	1293	129	1689
Rheostat.....	E. F. Northrup.....	862,842	Aug. 6	1219	329	129	2457
Rheostat.....	H. P. Ball.....	873,006	Dec. 10	1468	305	131	1429
Rheostat. Automatically-operated liquid.....	C. De Kando.....	845,618	Feb. 26	5734	1214	126	3332
Rheostat. Electric.....	W. F. Dana and H. W. Knott.....	841,232	Jan. 15	2904	631	126	826
Rheostat. Motor-controlling.....	F. J. Seabolt.....	852,851	May 7	984	203	128	250
Rheostat. Motor-starting.....	P. H. Zimmer.....	840,186	Jan. 1	799	174	126	214
Rheostat. Motor-starting.....	E. R. Carichoff.....	867,475	Oct. 1	367	107	130	1427
Rheostat. Starting.....	W. C. Yates and P. H. Zimmer.....	840,889	Jan. 8	2203	485	126	604
Rheostat. Starting.....	L. S. Chapman.....	843,735	Feb. 12	1781	380	126	2274
Rheostat. Starting.....	W. C. Yates.....	857,142	June 18	3312	698	128	2605
Rheostats. Slowing device for.....	W. B. Mason.....	855,797	June 4	678	139	128	1868
Ribbon-fastening machine.....	A. M. Magee and W. N. Earle.....	853,816	May 14	2918	600	128	782
Ribbon-feeding mechanism.....	A. O. Schmolinski.....	852,850	May 7	981	202-3	128	249
Ribbon-holder.....	E. S. Gray.....	855,848	June 4	793	166	128	1895
Ribbon-holder. Hair.....	I. Becker.....	840,681	Jan. 8	1786	394	126	500
Ribbon-reversing mechanism.....	R. A. Pollock.....	866,064	Sept. 17	2059	574	130	704
Ribbon shifting and retaining mechanism.....	A. Fuhlendorf and J. Grothe.....	861,211	July 23	4459	1223	129	1561
Ribbon-slide.....	D. J. Strassel.....	862,213	Aug. 6	169	47	129	2136
Rice-huller.....	J. W. Stokoe.....	864,209	Aug. 27	3285	911	129	3199
Ridge-bar. Ventilated.....	A. W. Zilly.....	865,961	Sept. 10	1883	528	130	618
Ridge-roll machine.....	C. F. Baldwin.....	842,994	Feb. 5	307	67	126	1866
Riding device. Amusement.....	J. A. Cole.....	850,136	Apr. 16	2933	612-13	127	2406
Riding-gallery.....	A. J. Stickney.....	850,448	Apr. 16	3522	737	127	2562
Rifle.....	J. B. Sloane.....	847,519	Mar. 19	3597	792	127	968
Rifle-sampler. Multiple.....	E. W. Buskett.....	841,928	Jan. 22	4289	925	126	1212
Rifle.....	H. M. Noecker.....	847,967	Mar. 19	4552	1000	127	1199
Rifle attachment.....	P. M. Mayville.....	855,648	June 4	388	80	128	1793
Rifle. Automatic.....	M. G. Farquhar and A. H. Hill.....	867,960	Oct. 15	1184	327	130	1717
Rifle construction.....	C. Hamilton.....	863,171	Aug. 13	1729	464-5	129	2654
Rifle-loader.....	E. E. Morlan.....	871,355	Nov. 19	2536	652	131	785
Rifle. Magazine.....	E. E. Redfield.....	852,241	Apr. 30	7108	1487	127	3535
Rifle. Magazine.....	B. W. PUNCHES.....	855,589	June 4	277	56	128	1766
Rifle. Magazine.....	J. Lauber.....	855,896	June 4	879	182	128	1915
Rifle. Magazine.....	A. Hanson.....	866,027	Sept. 17	1996	556-7	130	684
Rifle or shotgun.....	E. O. Johnson.....	857,468	June 18	3922	834-5	128	2757
Rifle. Repeating.....	H. Frenay and H. Graeve.....	845,075	Feb. 26	4678	994	126	3067
Ring:							
See Book-ring.....	Neckband-ring.....						
Bridle-ring.....	Nose-ring.....						
Clamping-ring.....	Nut-ring.....						
Cover-ring.....	Oil-distributing ring.....						
Curtain-ring.....	Packing-ring.....						
Curtain-pole ring.....	Set-ring.....						
Ear-ring.....	Spinning-ring.....						
Harness-ring.....	Spinning and twisting ring.....						
Heat-radiating ring.....	ring.....						
Finger-ring.....	Spinning-machinery ring.....						
Gem-displaying ring.....	ring.....						
Insulating-ring.....	Spring-ring.....						
Key-ring.....	Terret-ring.....						
Ring.....	C. M. Levy.....	840,946	Jan. 8	2324	511	126	634
Ring and roller and like mill.....	E. Barthelmess.....	844,085	Feb. 12	2424	519	126	2431
Ring-and-roller mill.....	E. Barthelmess.....	871,558	Nov. 19	2983	744	131	853
Ring-bending tool.....	L. M. Morden.....	844,885	Feb. 19	4318	921	126	2938
Ring-expander.....	A. J. Sheff.....	859,847	July 9	2354	639	129	814
Ring-mold.....	F. C. Widmann.....	844,072	Feb. 12	2405	516	126	2427
Ring-polishing machine.....	H. A. Stearns, Jr.....	847,445	Mar. 19	3462	759	127	931
Rings, &c. Flaring-machine for metal.....	G. H. White.....	848,948	Apr. 2	685	137-8	127	1762
Ringing and listening key.....	H. L. Knight.....	860,874	July 23	3938	1079	129	1395
Ringing leads. Means for protecting operators'.....	W. W. Dean.....	872,171	Nov. 26	4265	1018	131	1083
Ripping tool. Garment.....	A. S. Rosing.....	865,126	Sept. 3	555	155	130	168
Riprap.....	F. W. Hawkes.....	869,566	Oct. 29	3729	1021	130	2557
River-banks. Means for protecting.....	J. A. Nabers.....	850,244	Apr. 16	3136	656	127	2461
River-beds. Means for protecting.....	C. M. Westenhaver.....	875,480	Dec. 31	6466	1351	131	2330
River-beds and waterways. Means for causing an automatic scouring action for the removal of silt from.....	L. J. Audouin.....	875,487	Dec. 31	6479	1353	131	2332
Rivet.....	W. P. Bartel.....	862,434	Aug. 6	552	147	129	2261
Rivet.....	W. P. Bartel.....	862,435	Aug. 6	553	147	129	2261
Rivet.....	W. P. Bartel.....	866,107	Sept. 17	2123	591	130	724
Rivet-bolt. Safety-appliance.....	J. W. Curran.....	845,698	Feb. 26	5914	1249	126	3377
Rivet. Clip.....	H. F. Cobb.....	849,770	Apr. 9	2257	463	127	2198
Rivet-displacing device.....	J. Kitterman.....	848,252	Mar. 26	5072	1109	127	1683
Rivet. Headless.....	E. B. Stimpson.....	863,330	Aug. 13	1970	530	129	2730
Rivet. Split.....	E. B. Stimpson.....	861,327	July 30	4665	1274	129	1667
Rivet. Split.....	E. B. Stimpson.....	863,463	Aug. 13	2149	580	129	2786
Rivets. Forming.....	W. P. Bartel.....	860,624	July 23	3565	978	129	1276
Rivets, &c. Machine for making.....	O. Briede.....	845,331	Feb. 26	5199	1103	126	3200
Riveted joint.....	A. Hertwig.....	875,263	Dec. 31	6038	1260	131	2261
Riveters. Traveling frame for side-shell.....	J. M. Sr., and J. M. Dobbie.....	869,427	Oct. 29	3495	959	130	2484
Riveting.....	H. C. French.....	845,228	Feb. 26	4988	1061	126	3148
Riveting apparatus.....	B. Waddington.....	873,640	Dec. 10	2717	575	131	16391
Riveting-machine.....	H. Y. Loss.....	845,105	Feb. 26	4752	1008	126	30891
Riveting-machine.....	J. Bingham.....	850,615	Apr. 16	3839	802	127	20461
Riveting-machine.....	O. C. Pendleton.....	858,751	July 2	673	177	129	22891
Riveting-machine.....	M. Sternberg.....	865,132	Sept. 3	562	157-8	130	22911

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Roach-trap	A. G. Day	858,157	June 25	5334	1135	128	3146
Roach-trap	A. G. Jacobs	858,604	July 2	422	109	129	150
Road-bed equipment	J. D. Kneeder	843,216	Feb. 5	777	160-1	126	1992
Road-bed equipment	J. D. Kneeder	855,643	June 4	378	79	128	1791
Road-bed-washout signal	J. L. Waldrep	866,700	Sept. 24	2982	846	130	1022
Road cleaning and improving apparatus	J. E. Smales	858,422	July 2	88	24	129	30
Road construction	C. P. Walter	845,910	Mar. 5	389	79	127	100
Road-roller	E. T. Wright and C. Longe- necker	864,498	Aug. 27	3720	1036	129	3339
Road-roller	E. T. Wright and C. Longe- necker	873,975	Dec. 17	3391	722	131	1783
Road-scarifier	E. T. Wright and C. Longe- necker	864,497	Aug. 27	3718	1035-6	129	3338
Road-scarifier	B. W. Tucker	866,698	Sept. 24	2979	845	130	1021
Road-smoother	R. C. Schreiber	843,369	Feb. 5	1075	222	126	2062
Road-smoothing device. Wagon- Road-working machine	F. W. Lechner	848,472	Mar. 26	5519	1202-3	127	1479
Roadway and constructing the same. Composite. Roadway for vehicles	D. M. Trabue	851,713	Apr. 30	6046	1263	127	3264
Roaster: <i>See</i> Coffee-roaster. Peanut-roaster.	S. G. Howe	842,201	Jan. 29	4855	1037	126	1384
Roaster	Z. T. Sweeney	856,928	June 11	2890	605	128	2457
Roaster-alarm. Automatic.	G. F. Knapp	865,110	Sept. 3	536	149	130	162
Roasting-furnace	F. A. Hines	865,896	Sept. 10	1787	498-9	130	590
Roasting-furnace	F. Klepetko	843,825	Feb. 12	1934	414	126	2312
Roasting-furnace	W. A. Rankin	863,045	Aug. 13	1513	411	129	2585
Roasting-furnace	G. E. Kirk	863,187	Aug. 13	1756	471	129	2664
Roasting-pan	P. Scott	875,117	Dec. 31	5761	1200	131	2215
Rock and ore crusher	G. H. Thurston	848,782	Apr. 2	326	67	127	1669
Rock-breaker	J. B. Freeman	863,526	Aug. 13	2244	608	129	2814
Rock-crusher	E. A. Hoff	857,940	June 25	4868	1029	128	3026
Rock-crusher. Multiple.	E. S. Philips	873,081	Dec. 10	1637	341	131	1455
Rock-drill	E. S. Philips	873,080	Dec. 10	1635	340	131	1454
Rock-drill	T. E. Adams	840,816	Jan. 8	2048	453-4	126	565
Rock-drill	T. E. Adams	840,890	Jan. 8	2205	485-6	126	604
Rock-drill	A. H. Gibson	841,139	Jan. 15	2730	596	126	783
Rock-drill	H. Hellman and L. C. Bayles	842,953	Feb. 5	220	50	126	1844
Rock-drill	H. Deitz	844,582	Feb. 19	3718	782	126	2785
Rock-drill	B. H. Locke	847,587	Mar. 19	3740	821	127	1007
Rock-drill	F. E. Glaze	849,229	Apr. 2	1234	251	127	1904
Rock-drill	C. E. Shadall	849,506	Apr. 9	1788	562-3	127	2079
Rock-drill	E. Leichter	853,555	May 14	2384	496	128	645
Rock-drill	J. B. Marshall	858,195	June 25	5402	1151	128	3163
Rock-drill	H. A. Pedrick and C. A. Smith	862,653	Aug. 6	922	248	129	2369
Rock-drill	R. A. Fowden	864,838	Sept. 3	117	32-3	130	38
Rock-drill	E. W. Evans	865,174	Sept. 3	620	175	130	188
Rock-drill	E. W. Evans	865,175	Sept. 3	622	176	130	188
Rock-drill	E. N. Jones	871,594	Nov. 19	3040	757	131	864
Rock-drill	F. V. W. Swanton and B. Price	874,455	Dec. 24	4400	927-8	131	1973
Rock-drill and other percussion-tool. Rock-drill and other percussion-tool.	T. Warsop	870,653	Nov. 12	1243	337	131	440
Rock-drill. Electric.	T. Warsop	873,813	Dec. 17	3072	653-4	131	1730
Rock-drill-feed mechanism.	J. Riddell and G. B. Painter	852,680	May 7	627	120-1	128	163
Rock-drill-feeding mechanism.	T. Turner	869,278	Oct. 29	3241	894	130	2406
Rock-drill. Gas-actuated.	T. Turner	843,718	Feb. 12	1748	372-3	126	2266
Rock-drill. Hand.	J. V. Rice, Jr.	862,847	Aug. 6	1227	332	129	2459
Rock-drill. Hydraulic.	C. H. Gunn	874,499	Dec. 24	4492	945	131	1987
Rock-drill. Hydrocarbon.	G. E. Gjuke	869,893	Nov. 5	33	10	131	13
Rock-drill. Hydrocarbon.	J. V. Rice, Jr.	840,867	Jan. 8	2157	476	126	591
Rock-drill. Hydrocarbon.	J. V. Rice, Jr.	842,246	Jan. 29	4949	1055-6	126	1406
Rock-drill. Hydrocarbon.	J. V. Rice, Jr.	863,646	Aug. 20	2436	669-70	129	2906
Rock-drill making and sharpening apparatus.	G. Glossop. (Reissue)	12,614	Mar. 5	1455	324	127	367
Rock-drill mounting.	M. Hardsocg	842,654	Jan. 29	5834	1233	126	1635
Rock-drill saddle.	G. S. Power	842,972	Feb. 5	257	56	126	1854
Rock-drill. Self-contained.	O. C. Duryea and M. C. White	841,001	Jan. 8	2420	529	126	658
Rock-drill spray.	E. G. A. Rees-Gibbs	844,745	Feb. 19	4044	562	126	2866
Rock-drill swivel.	S. A. Sizemore	873,801	Dec. 17	3047	647	131	1726
Rock-drills. Attachment for supplying water to.	R. M. Weston	849,445	Apr. 9	1631	331	127	2042
Rock-drills. Means for circulating a cooling medium in gas-actuated	O. C. Duryea	846,407	Mar. 5	1370	301	127	348
Rock-drills. Means for supplying explosive vapors for operating	O. C. Duryea	858,586	July 2	389	101	129	138
Rock-drills. Motor-supporting harp for	T. E. Adams	840,817	Jan. 8	2052	454	126	566
Rock-drills. Valve for percussive	A. W. and Z. W. Daw	847,739	Mar. 19	4064	888	127	1083
Rock-drilling engine. Multiple-hammer-piston.	J. G. Leyner	843,159	Feb. 5	648	136-7	126	1959
Rock-drilling engines. Lock for feed-screws for	F. E. Glaze	843,144	Feb. 5	624	132	126	1954
Rock-drilling machine.	A. D. Lee and F. J. E. Nelson, Jr.	874,603	Dec. 24	4708	989-90	131	2022
Rock-drilling machine or engine.	I. I. Hellman and L. C. Bayles	872,417	Dec. 3	201	40-1	131	1200
Rock-drilling machine or engine.	H. Hellman and L. C. Bayles	872,418	Dec. 3	209	41	131	1201
Rock-drilling machines. Device for use with.	E. M. Weston	842,598	Jan. 29	5726	1210	126	1609
Rock-drilling machines or engines. Drill or bit ro- tating mechanism for	H. Hellman and L. C. Bayles	845,952	Mar. 5	464	96	127	120
Rock-drilling machines or engines. Means for mount- ing	H. Hellman and L. C. Bayles	850,885	Apr. 16	4371	916	127	2777
Rock-drilling machines. Water-supplying attach- ment for	H. Hellman and L. C. Bayles	847,286	Mar. 12	3116	687	127	816
Rock-drilling machines. Water-supplying attach- ment for	H. Hellman and L. C. Bayles	872,996	Dec. 3	1413	296	131	1390
Rock. Fracturing	G. S. Githens	853,546	May 14	2370	494	128	640
Rocks, &c. Apparatus for breaking.	F. Lobnitz	874,217	Dec. 17	3930	829-31	131	1863
Rocks, ores, &c. Apparatus for crushing, conveying, and cooling	R. F. Wentz	840,730	Jan. 8	1893	417	126	527
Rocket apparatus	A. Maul	847,198	Mar. 12	2966	653	127	779
Rocking and reclining chair. Combined	F. Lahm	841,022	Jan. 8	2474	539	126	674
Rocking and standard chair. Combined.	J. Honig	864,374	Aug. 27	3526	978	129	3272
Rocking-chair.	J. C. Aronhalt	843,060	Feb. 5	434	94	126	1903
Rocking-chair.	B. J. Buckman	868,324	Oct. 15	1746	492	130	1888
Rocking-horse. Traveling	B. F. Fowler	873,533	Dec. 10	2517	532	131	1603

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Rod:							
See Brake-rod.	Packing-rod.						
Connecting-rod.	Picking-rod.						
Curtain-rod.	Pull-rod.						
Curtain-supporting rod.	Stair-rod.						
End-gate rod.	Sucker-rod.						
Extensible rod.	Thread-tip cleaning-rod.						
Fishing-rod.	Tie-rod.						
Gun-cleaning rod.	Truss-rod.						
Leveling-rod.	Umbrella-rod.						
Leveling and stadia rod.							
Rod-bending machine.	R. L. Mauzy.	868,792	Oct. 22	2510	692	130	2151
Rod-catcher.	M. Krepp.	848,911	Apr. 2	631	126	127	1750
Rod-coupling.	C. A. Anderson.	840,734	Jan. 8	1908	420	126	531
Rod or hoop mill.	F. H. Daniels.	867,249	Oct. 1	31	10	130	1326
Roll-cutting attachment.	A. E. Sexton.	871,828	Nov. 26	3516	860	131	969
Roll-forming machine.	P. P. Nungesser and W. E. Harmon.	848,919	Apr. 2	639	128	127	1751
Roll-grinding machine.	F. L. Brown and I. W. Sprink.	861,016	July 23	4179	1144	129	1473
Roll-holder.	H. Thumann.	873,188	Dec. 10	1844	386	131	1488
Roll-housing.	R. Moon.	875,201	Dec. 31	5922	1234-5	131	2242
Roll-manufacturing mold.	C. Johns.	843,679	Feb. 12	1680	356	126	2248
Roll-positioning device.	E. B. Roth.	862,109	July 30	5885	1631	129	2042
Rolls, dies, &c. Finishing the surfaces of.	R. C. Totten.	861,558	July 30	5037	1383	129	1784
Rolls. Making mottled.	A. Ridd.	845,434	Feb. 26	5391	1145	126	3246
Roller:							
See Cable-roller.	Pressure-roller.						
Calender-roller.	Road-roller.						
Copying-roller.	Shade-roller.						
Cotton-gin roller.	Spinning-roller.						
Curtain-roller.	Spring-roller.						
Land-roller.	Stay-roller.						
Log-roller.	Traction and lawn-rolling roller.						
Paper-hanger's smoothing-roller.	Wire-roller.						
Roller.	H. A. Voisard.	853,277	May 14	1827	381	128	495
Roller-coaster. Horizontal.	B. A. Karr.	870,440	Nov. 5	905	245	131	296
Roller. Conical spirally-wound.	C. S. Lockwood.	863,729	Aug. 20	2542	703	129	2941
Roller, harrow, and drag. Combined.	D. W. Davis.	862,718	Aug. 6	1019	272	129	2397
Roller-mill.	J. Wüstenhöfer.	855,602	June 4	304	62	128	1773
Roller-mill.	E. S. Moulton.	866,799	Sept. 24	3141	884-5	130	1081
Roller-mount.	C. Leonard-Stuart.	855,254	May 28	5810	1211	128	1581
Roller-table.	C. L. Taylor.	840,398	Jan. 1	1241	271-2	126	326
Rolling annular articles. Mill for.	C. von Philip.	846,942	Mar. 12	2465	542-4	127	656
Rolling apparatus.	E. E. Slick.	873,462	Dec. 10	2362	496	131	1579
Rolling black plates and sheets. Apparatus for.	C. W. Bray.	869,291	Oct. 29	3268	899-900	130	2415
Rolling black plates or sheets.	C. W. Bray.	869,292	Oct. 29	3270	900-1	130	2415
Rolling, expanding, and beading boiler-tubes in one operation. Tool and holder for.	A. B. Todd and F. W. Shupert.	844,215	Feb. 12	2691	575	126	2500
Rolling flanged shapes.	E. E. Slick.	852,985	May 7	1261	261	128	321
Rolling interlocking sheet-piling.	E. E. Slick.	852,984	May 7	1259	260-1	128	320
Rolling irregular shapes. Mill for.	E. E. Slick.	873,463	Dec. 10	2364	497	131	1580
Rolling-machine.	A. Shediack.	863,103	Aug. 13	1619	436	129	2619
Rolling-machine.	W. L. Jones.	872,733	Dec. 3	877	181-2	131	1305
Rolling-machine. Hoe.	F. W. Cameron.	848,630	Apr. 2	18	5	127	1589
Rolling-machine. Universal.	J. Natterer.	859,613	July 9	2000	539-40	129	702
Rolling-mill.	S. V. Huber.	844,520	Feb. 19	3353	723-4	126	2703
Rolling-mill.	W. H. Brown.	848,438	Mar. 26	5459	1190	127	1464
Rolling-mill.	E. K. Fellows and A. Hubbard.	856,044	June 4	1143	240-2	128	1983
Rolling-mill.	T. S. Blair, Jr.	860,896	July 23	3979	1090	129	1409
Rolling-mill.	A. T. Keller.	873,439	Dec. 10	2326	438	131	1572
Rolling-mill.	E. Ebinghaus and A. Schumacher.	873,997	Dec. 17	3437	731	131	1790
Rolling-mill attachment.	F. Milliken.	869,008	Oct. 22	2838	782	130	2254
Rolling-mill feed-table.	S. V. Huber.	857,282	June 18	3578	756-7	128	2673
Rolling-mill feed-table.	S. V. Huber.	857,283	June 18	3581	757-8	128	2673
Rolling-mill feeding device.	E. E. Slick.	844,419	Feb. 19	3132	671-2	126	2648
Rolling-mill guiding device.	K. Koziel and H. Becker.	859,390	July 9	1675	446	129	595
Rolling-mill hotbed.	E. E. Slick.	846,761	Mar. 12	2095	459-60	127	563
Rolling-mill hydraulic counterbalance.	A. K. Hamilton and A. T. Keller.	870,285	Nov. 5	645	172-3	131	210
Rolling-mill practice.	T. S. Blair, Jr.	856,676	June 11	2444	502	128	2347
Rolling-mill-repeater controller.	F. P. Townsend.	848,581	Mar. 26	5726	1253	127	1529
Rolling-mill. Tube.	J. C. Fry.	851,435	Apr. 23	5460	1143	127	3088
Rolling-mill. Universal.	V. Chartener.	846,825	Mar. 12	2230	488-9	127	597
Rolling-mill work-reversing mechanism.	E. Norton and V. Chartener.	841,427	Jan. 15	3289	710	126	925
Rolling-mill work-reversing mechanism.	E. Norton.	848,123	Mar. 26	4355	1060	127	1312
Rolling-mills. Mechanism for handling metal in.	A. J. Hoak.	843,395	Feb. 5	1108	230-1	126	2070
Rolling-pin.	A. Cattlin.	855,042	May 28	5386	1119	128	1475
Rolling-pin.	C. L. Sanford.	857,308	June 18	3626	768	128	2685
Rolling. Preparing rolls for.	A. Ridd.	848,323	Mar. 26	5240	1143-4	127	1410
Rolling-press.	H. I. Kimball.	851,094	Apr. 23	4762	1002	127	2912
Rolling-press.	F. H. Richards.	851,377	Apr. 23	5348	1121-2	127	3059
Rolling sheet metal.	E. Norton.	865,055	Sept. 3	468	129	130	142
Rolling tie-plates.	A. Morrison.	875,202	Dec. 31	5923	1235	131	2242
Roof. Adjustable.	T. Wilson.	864,941	Sept. 3	277	74	130	88
Roof and eaves-trough. Metal.	J. Carter.	872,646	Dec. 3	684	143	131	1276
Roof-carline.	G. B. Maltby.	869,974	Nov. 5	143	39	131	47
Roof-carline.	G. B. Maltby.	869,975	Nov. 5	144	39	131	47
Roof connection for vent-pipes.	G. F. Ryan.	841,274	Jan. 15	2983	649	126	846
Roof construction.	R. W. King.	858,459	July 2	142	38-9	129	47
Roof for mausoleums, tombs, vaults, &c.	C. E. Tayntor.	842,590	Jan. 29	5700	1206	126	1602
Roof for mausoleums, tombs, vaults, &c.	C. E. Tayntor.	853,909	May 14	3126	640-1	128	832
Roof for mausoleums, vaults, &c.	C. E. Tayntor.	853,657	May 14	2601	540	128	701
Roof for mausoleums, vaults, &c.	T. J. Moore.	863,930	Aug. 20	2858	786	129	3039
Roof-gutter.	J. O'Dowd.	846,238	Mar. 5	1041	223	127	265
Roof-joint.	E. R. Stasch.	841,276	Jan. 15	2987	650	126	847
Roof. Portable sectional.	T. Roe.	868,701	Oct. 22	2369	656	130	2110

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Roof. Slate or tile.....	A. E. Rudy.....	866,225	Sept. 17	2282	637	130	774
Roof structure.....	C. W. A. Koelkebeck.....	842,561	Jan. 29	5637	1191-2	126	1556
Roof structure.....	H. Thaden.....	844,212	Feb. 12	2685	574	126	2498
Roof structure. Timber.....	E. Molloy.....	868,879	Oct. 22	2633	728	130	2188
Roofs and the like. Covering for.....	E. B. Campbell.....	842,079	Jan. 22	4577	983	126	1280
Roofs. Gutter and valley-trough for.....	H. Cooper.....	857,601	June 25	4201	888	128	2858
Roofs or sidings. Angle-piece for.....	J. H. Holt.....	843,212	Feb. 5	772	159	126	1990
Roofs, walls, and buildings. Metallic covering for.....	S. Taylor.....	844,056	Feb. 12	2381	510	126	2421
Roofing.....	A. E. Kirk.....	868,930	Oct. 22	2716	748	130	2215
Roofing.....	H. R. Webster.....	872,599	Dec. 3	592	123	131	1259
Roofing-chart.....	J. Vittitoe.....	858,491	July 2	220	52	129	82
Roofing. Composite.....	A. G. Hennion.....	854,740	May 28	4757	988	128	1313
Roofing. Composite.....	G. F. Bishopric.....	875,041	Dec. 31	5019	1172	131	2190
Roofing construction.....	C. J. Kunzler.....	846,572	Mar. 12	1729	381	127	468
Roofing. Flexible.....	F. C. Overbury.....	875,595	Dec. 31	6687	1398	131	2366
Roofing. Inner.....	A. Kiefer.....	845,361	Feb. 26	5264	1116	126	3216
Roofing. Laying.....	R. W. Bird.....	840,103	Jan. 1	620	154	126	164
Roofing material.....	E. H. Binns.....	845,290	Feb. 26	5123	1085	126	3182
Roofing materials. Device for tying rolls of.....	F. S. Howard.....	873,046	Dec. 10	1564	327-8	131	1443
Roofing. Metallic sheet.....	J. T. and O. G. Burriss.....	873,920	Dec. 17	3285	702	131	1765
Roofing. Ready-made.....	G. D. Crabbs and W. H. Pendery.....	855,757	June 4	611	125	128	1852
Roofing-sheet. Compound.....	H. R. Wardell.....	851,331	Apr. 23	5257	1102	127	3078
Roofing. Sheet-metal.....	D. J. Winn.....	844,983	Feb. 19	4476	955	126	2978
Roofing-strip.....	F. C. Overbury.....	875,099	Dec. 31	5725	1193	131	2209
Roost. Chicken.....	F. Kremer.....	840,631	Jan. 8	1704	375	126	481
Roost. Poultry.....	E. F. Doolittle.....	872,502	Dec. 3	386	81	131	1228
Root and stalk pulling machine.....	J. L. Anders.....	850,715	Apr. 16	4047	846	127	2694
Root-cutter.....	G. W. Keeler.....	841,534	Jan. 15	3490	753	126	979
Root-cutter.....	F. J. Horrigan.....	862,163	Aug. 6	77	22	129	2109
Rope and bucket coupling.....	W. F. Smith.....	856,308	June 11	1696	352	128	2157
Rope and cable clamp.....	A. H. Meech.....	841,165	Jan. 15	2777	606	126	795
Rope-carrier direction-changing device.....	F. V. Drake.....	861,818	July 30	5441	1498	129	1904
Rope carrier. Fall.....	J. G. Delaney and A. Lambert.....	840,443	Jan. 1	1324	293	126	346
Rope carrier. Fall.....	J. G. Delaney and A. Lambert.....	867,573	Oct. 8	536	153	130	1497
Rope-clamp.....	M. F. Smith.....	839,965	Jan. 1	329	72	126	90
Rope-clamp.....	C. W. Gutzzeit.....	849,065	Apr. 2	903	185	127	1818
Rope-clamp.....	D. S. Kranch.....	862,922	Aug. 13	1332	364	129	2528
Rope-clamp.....	F. P. Kobert.....	866,144	Sept. 17	2167	604	130	737
Rope-clamp.....	W. Brundell.....	867,106	Sept. 24	3614	1025	130	1224
Rope-clamp.....	L. D. Shryock.....	875,121	Dec. 31	5767	1202	131	2215
Rope-clamp. Safety.....	J. Collins.....	849,832	Apr. 9	2372	486	127	2228
Rope-coupling.....	F. H. Roewe and W. A. Mathews.....	847,114	Mar. 12	2787	616	127	734
Rope-fastener.....	J. Brown.....	842,620	Jan. 29	5771	1219	126	1620
Rope fastening or button.....	T. S. Miller and C. L. Wachter.....	854,957	May 28	5201	1083-4	128	1428
Rope-holder.....	C. H. Herbert.....	856,256	June 11	1571	330	128	2125
Rope-laying machine.....	C. W. Spensel.....	864,039	Aug. 20	3008	831-3	129	3083
Rope-making machine.....	W. L. Tobeys.....	868,726	Oct. 22	2412	667	130	2121
Rope or cable clamp.....	A. H. Meech.....	866,876	Sept. 24	3257	916	130	1116
Rope-reel.....	I. M. Fisher.....	869,168	Oct. 22	3069	847	130	2325
Rope-securing device.....	J. B. Le Maire.....	872,355	Dec. 3	78	15	131	1180
Rope-thimble.....	G. C. Brown.....	857,717	June 25	4425	935	128	2916
Rotary combustion-engine.....	F. Burger.....	871,030	Nov. 12	1845	505-6	131	627
Rotary cutter.....	G. B. Maltby.....	866,372	Sept. 17	2514	701	130	848
Rotary drier.....	A. Berg.....	840,602	Jan. 8	1653	363	126	467
Rotary drier.....	H. Brinker.....	849,044	Apr. 2	860	176	127	1807
Rotary engine.....	W. Snee.....	839,967	Jan. 1	333	74	126	92
Rotary engine.....	A. H. Carpenter.....	840,688	Jan. 8	1801	398	126	504
Rotary engine.....	F. Nelson.....	841,425	Jan. 15	3286	709	126	925
Rotary engine.....	C. Graesicke.....	841,776	Jan. 22	3984	860	126	1136
Rotary engine.....	C. Lecaine.....	841,987	Jan. 22	4405	950	126	1239
Rotary engine.....	A. Bretscher.....	844,094	Feb. 12	2444	522-3	126	2436
Rotary engine.....	J. C. Simmons.....	844,758	Feb. 19	4070	867-8	126	2874
Rotary engine.....	J. B. Martin.....	844,824	Feb. 19	4202	895	126	2909
Rotary engine.....	R. F. Schmidt.....	845,270	Feb. 26	5073	1078	126	3170
Rotary engine.....	W. A. C. Pape.....	845,973	Mar. 5	509	105	127	131
Rotary engine.....	S. H. Draper.....	846,017	Mar. 5	611	127-8	127	157
Rotary engine.....	C. H. Millar.....	847,489	Mar. 19	3544	775-6	127	953
Rotary engine.....	A. Glidie.....	847,761	Mar. 19	4111	897-8	127	1093
Rotary engine.....	G. F. Burton.....	848,440	Mar. 26	5461	1190-2	127	1464
Rotary engine.....	D. F. Smith.....	848,860	Apr. 2	529	105-6	127	1723
Rotary engine.....	J. Burn.....	849,326	Apr. 2	1411	283-4	127	1947
Rotary engine.....	P. O. Poulson.....	850,049	Apr. 9	2742	575-6	127	2317
Rotary engine.....	J. L. Strickland. (Reissue).....	12,631	Apr. 9	2903	606-7	127	2358
Rotary engine.....	E. F. Taylor.....	850,450	Apr. 16	3525	737	127	2569
Rotary engine.....	G. A. Whitman.....	850,555	Apr. 16	3727	779	127	2615
Rotary engine.....	C. MacArthur and F. Smith.....	851,295	Apr. 23	5188	1089	127	3020
Rotary engine.....	R. and A. L. Bauer.....	851,339	Apr. 23	5273	1104-5	127	3041
Rotary engine.....	J. F. Brice.....	851,860	Apr. 30	6340	1322-3	127	3341
Rotary engine.....	P. Wallot and F. C. Krüger.....	851,908	Apr. 30	6431	1342	127	3365
Rotary engine.....	J. A. Kray.....	851,944	Apr. 30	6519	1359	127	3385
Rotary engine.....	F. R. Bussard.....	852,218	Apr. 30	7071	1477-8	127	3526
Rotary engine.....	W. M. Gentle.....	852,950	May 7	1187	244-5	128	301
Rotary engine.....	H. L. Baker and L. E. Irish.....	852,992	May 7	1276	265-6	128	325
Rotary engine.....	L. K. Sivertson.....	854,001	May 21	3320	683	128	920
Rotary engine.....	T. S. Barwis.....	854,141	May 21	3613	746	128	991
Rotary engine.....	A. Ghira.....	854,346	May 21	3992	825	128	1093
Rotary engine.....	J. E. Friend.....	854,574	May 21	4421	917-19	128	1199
Rotary engine.....	G. Voith.....	854,783	May 28	4850	1007-8	128	1336
Rotary engine.....	H. A. Seitz.....	854,849	May 28	4981	1036	128	1370
Rotary engine.....	G. A. Kelly.....	855,009	May 28	5311	1103-4	128	1455
Rotary engine.....	J. C. Walker.....	855,028	May 28	5356	1112-13	128	1466
Rotary engine.....	J. M. Sparkes.....	855,072	May 28	5457	1131-3	128	1492
Rotary engine.....	J. M. Sparkes.....	855,073	May 28	5463	1133-5	128	1494
Rotary engine.....	S. F. Van Choate.....	855,148	May 28	5607	1166-8	128	1529
Rotary engine.....	O. O. and O. Goserud, Jr.....	855,629	June 4	353	73	128	1784
Rotary engine.....	E. T. Haun.....	855,852	June 4	801	167	128	1896

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Rotary engine	M. Schmidt	855,906	June 4	906	188	128	1923
Rotary engine	B. A. Slade	856,739	June 11	2557	525-6	128	2377
Rotary engine	T. Keenan	857,558	June 18	4104	871	128	2805
Rotary engine	W. C. Kelly	858,073	June 25	5175	1096-7	128	3105
Rotary engine	M. Bey	858,144	June 25	5316	1129-30	128	3141
Rotary engine	A. L. Mowry	858,617	July 2	444	116	129	155
Rotary engine	W. K. Austin	858,778	July 2	713	189	129	247
Rotary engine	J. Pollock and W. F. Leibenguth	858,906	July 2	930	243	129	319
Rotary engine	W. J. Jones	859,068	July 2	1170	315	129	396
Rotary engine	G. J. Wedell	859,158	July 2	1304	347	129	440
Rotary engine	A. W. Cottrell	859,744	July 9	2195	594	129	764
Rotary engine	A. W. Shepherd	859,848	July 9	2354	639	129	814
Rotary engine	W. H. Marsh	859,959	July 16	2531	687	129	901
Rotary engine	W. L. Ripson	860,060	July 16	2699	734-5	129	957
Rotary engine	I. Kleckner	860,549	July 16	3416	939	129	1194
Rotary engine	L. E. Cummings	861,164	July 23	4383	1202-3	129	1540
Rotary engine	W. L. A. Wright	861,344	July 30	4694	1283	129	1677
Rotary engine	C. D. Macropoulos	861,377	July 30	4753	1298	129	1695
Rotary engine	P. J. D. Kops	861,523	July 30	4972	1366	129	1761
Rotary engine	W. H. Hooker	861,725	July 30	5282	1453	129	1856
Rotary engine	E. T. Thomas	861,918	July 30	5577	1541	129	1943
Rotary engine	A. T. Beach and H. C. Russ	861,937	July 30	5603	1548-9	129	1956
Rotary engine	C. W. Fincke	862,462	Aug. 6	604	160-1	129	2278
Rotary engine	F. Egersdörfer	862,620	Aug. 6	874	233	129	2356
Rotary engine	A. Coon	862,716	Aug. 6	1016	272	129	2396
Rotary engine	A. D. Lee and F. J. E. Nelson, Jr.	863,191	Aug. 13	1761	473	129	2665
Rotary engine	J. H. Setser	863,324	Aug. 13	1961	528-9	129	2726
Rotary engine	L. S. Flatow	863,524	Aug. 13	2241	606-7	129	2813
Rotary engine	R. E. Krause	863,727	Aug. 20	2538	701-2	129	2939
Rotary engine	P. Schuller	863,809	Aug. 20	2678	738-9	129	2983
Rotary engine	C. M. Mitschow and S. J. Wintemute	864,019	Aug. 20	2975	821	129	3075
Rotary engine	O. Ebert	864,294	Aug. 27	3410	947	129	3236
Rotary engine	J. T. Constandse and W. Polderman, Jr.	864,613	Aug. 27	3944	1094	129	3404
Rotary engine	A. G. Edwards	864,889	Sept. 3	200	55-6	130	62
Rotary engine	J. A. Mosher	864,979	Sept. 3	347	92-3	130	109
Rotary engine	E. Mühl	865,117	Sept. 3	544	152	130	165
Rotary engine	S. S. Sadorus	865,804	Sept. 10	1626	460-1	130	528
Rotary engine	R. H. and W. L. Heberling	865,891	Sept. 10	1778	494-7	130	587
Rotary engine	W. F. Bleecker	865,964	Sept. 10	1888	529	130	619
Rotary engine	J. E. Harriman, Jr.	865,967	Sept. 10	1893	530	130	621
Rotary engine	W. H. Hooker	866,031	Sept. 17	2002	558	130	685
Rotary engine	J. C. Walker	866,246	Sept. 17	2312	645	130	783
Rotary engine	C. H. Zorger and H. O. Jensen	866,319	Sept. 17	2429	678	130	820
Rotary engine	J. H. Coldeweh	866,434	Sept. 17	2589	723	130	873
Rotary engine	H. J. Duncan	866,442	Sept. 17	2602	726-7	130	879
Rotary engine	A. H. Olson and C. E. Nyberg	866,677	Sept. 24	2952	836-7	130	1013
Rotary engine	E. A. Baurer	866,767	Sept. 24	3096	872	130	1068
Rotary engine	R. and H. S. Poulton	866,808	Sept. 24	3161	888-9	130	1087
Rotary engine	C. E. Forsyth	867,119	Sept. 24	3628	1030	130	1229
Rotary engine	H. Haage	867,126	Sept. 24	3637	1032-3	130	1232
Rotary engine	J. B. and W. C. Troup	867,172	Sept. 24	3714	1051	130	1259
Rotary engine	J. Krebbiel	868,100	Oct. 15	1395	391	130	1782
Rotary engine	L. L. Lewis	868,104	Oct. 15	1400	392	130	1784
Rotary engine	A. Thomure	868,374	Oct. 15	1823	513-14	130	1911
Rotary engine	P. M. MacKaskie	868,678	Oct. 22	2330	644-6	130	2098
Rotary engine	H. H. Calkins	868,841	Oct. 22	2583	713	130	2174
Rotary engine	W. Seibert	868,893	Oct. 22	2658	735	130	2198
Rotary engine	R. Mond	869,100	Oct. 22	2971	820-1	130	2295
Rotary engine	N. R. Smith	869,146	Oct. 22	3039	838-9	130	2314
Rotary engine	N. R. Smith	869,147	Oct. 22	3041	839-40	130	2315
Rotary engine	T. Veitch	869,339	Oct. 29	3356	924	130	2441
Rotary engine	L. C. Tippet and C. L. Reece	869,397	Oct. 29	3448	946-7	130	2470
Rotary engine	C. R. Francis	869,560	Oct. 29	3721	1019	130	2555
Rotary engine	K. H. Korhonen	869,971	Nov. 5	139	38	131	45
Rotary engine	A. W. Henkel	870,290	Nov. 5	653	175	131	213
Rotary engine	H. A. Hewey	870,293	Nov. 5	660	177	131	216
Rotary engine	W. Lauber	871,125	Nov. 19	2023	550	131	707
Rotary engine	J. L. Clayland	871,322	Nov. 19	2467	637-8	131	774
Rotary engine	C. W. Puckett	871,359	Nov. 19	2542	653-4	131	786
Rotary engine	E. Scott	871,527	Nov. 19	2924	730	131	843
Rotary engine	J. E. Lehman	871,807	Nov. 26	3467	850	131	961
Rotary engine	T. C. Henry	872,234	Nov. 26	4405	1047	131	1104
Rotary engine	A. C. Bek and A. Cederquist	872,801	Dec. 3	1004	210-11	131	1327
Rotary engine	B. F. Augustine	873,201	Dec. 10	1862	390-1	131	1492
Rotary engine	V. Pingret	873,596	Dec. 10	2641	556-7	131	1625
Rotary engine	V. Pingret	873,597	Dec. 10	2645	557-8	131	1625
Rotary engine	E. C. Rhodes	873,607	Dec. 10	2671	562-3	131	1629
Rotary engine	U. and E. Duchesne	874,312	Dec. 17	4128	869	131	1894
Rotary engine	T. C. Oakman	874,616	Dec. 24	4736	994-5	131	2026
Rotary engine	H. A. King	874,684	Dec. 24	4871	1024-5	131	2048
Rotary engine	F. H. Lathrop	874,775	Dec. 24	5048	1063-4	131	2078
Rotary engine	M. Frauenthal	875,515	Dec. 31	6533	1362	131	2341
Rotary engine. Compound	M. B. Erickson	863,520	Aug. 13	2236	604-5	129	2812
Rotary engine. Internal-combustion	L. P. Prossen	851,962	Apr. 30	6555	1365-6	127	3395
Rotary engine. Reversible	L. Csaka	859,169	July 2	1320	351	129	445
Rotary expansion-engine	E. Horn	867,581	Oct. 8	550	155	130	1502
Rotary explosion-engine	L. W. Lombard	848,665	Apr. 2	86	19-20	127	1607
Rotary explosion-engine	C. J. Rousseau	858,912	July 2	939	245	129	323
Rotary explosion-engine	J. F. Southern and H. J. Griest	866,693	Sept. 24	2972	842-4	130	1020
Rotary explosive-engine	R. E. Krause	851,675	Apr. 30	5954	1244	127	3230
Rotary explosive-engine	J. V. Ranck	865,206	Sept. 3	675	192	130	209
Rotary explosive-engine	A. Montan and J. Seholm	871,881	Nov. 26	3638	887	131	988
Rotary explosive-engine	G. J. Weber	873,916	Dec. 17	3274	699-700	131	1753
Rotary kiln	W. C. Shiner	844,623	Feb. 19	3785	799	126	682

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Rotary kiln	W. R. Warren	847,859	Mar. 19	4322	948	127	1145
Rotary kiln	W. R. Warren	847,860	Mar. 19	4323	948	127	1146
Rotary kiln	W. R. Warren	847,861	Mar. 19	4324	948	127	1146
Rotary kiln	W. R. Warren	847,862	Mar. 19	4324	948	127	1146
Rotary kiln	W. R. Warren	864,816	Sept. 3	79	23	130	27
Rotary machine	A. Honig	862,162	Aug. 6	75	22	129	2109
Rotary meter	P. Politowski	855,663	June 4	417	87	128	1801
Rotary motor	A. A. Darby	843,075	Feb. 5	479	101	126	1916
Rotary motor	C. S. Batdorf	849,099	Apr. 2	965	197	127	1833
Rotary motor	W. P. Marsh	850,593	Apr. 16	3798	792-3	127	2632
Rotary motor	J. W. Stam	852,144	Apr. 30	6937	1448-9	127	3491
Rotary motor	J. Ripberger	855,590	June 4	281	57	128	1767
Rotary motor	E. Towlson	856,317	June 11	1708	355	128	2161
Rotary motor	F. L. Gregory	856,631	June 11	2359	485-6	128	2326
Rotary motor	P. Ellis	867,260	Oct. 1	44	14	130	1329
Rotary motor	E. R. Mills, C. A. Conn, and H. Van Orner	869,867	Oct. 29	4181	1154-5	130	2691
Rotary motor	J. R. Kinney	872,133	Nov. 26	4195	1002	131	1071
Rotary motor operated by gas or hydrocarbons	M. J. J., J. E., and J. A. Burlat	863,355	Aug. 13	2007	540-1	129	2744
Rotary motor. Pressure expansion	A. White	845,600	Feb. 26	5703	1209	126	3325
Rotary press (double line)	H. F. Bechman	867,230	Oct. 1	4	2	130	1317
Rotary screen, ore sizer, and sampler	H. G. King	854,744	May 28	4764	989-90	128	1315
Rotary shears	J. Jungers and F. Kessl	840,698	Jan. 8	1825	402-3	126	510
Rotary shovel for loading cars	J. H. Huhn and C. F. Ice	870,174	Nov. 5	461	127	131	151
Rotary switch	F. C. De Reamer	841,284	Jan. 15	2909	632	126	827
Rotary trimmer	A. C. Bowser	875,500	Dec. 31	6504	1357	131	2336
Rotating apparatus and magnetic compasses. Suspension of	H. Anschütz-Kaempfe	841,612	Jan. 15	3645	791	126	1017
Rotating engine	F. Stratton	869,032	Oct. 22	2868	792-3	130	2262
Rotating motor with rectilinear cylinders	A. Bagnulo	875,488	Dec. 31	6481	1353	131	2332
Roundabout	J. D. Walsh	854,859	May 28	5008	1041	128	1377
Roundabout	G. Lacomme	872,566	Dec. 3	529	110	131	1249
Roundabout or carousel	J. M. Taylor	848,408	Mar. 26	5406	1178-9	127	1451
Rounding and channeling machine	A. Finn	859,444	July 9	1743	466	129	619
Router-head	J. A. Pearson	864,986	Sept. 3	355	95	130	112
Routing-machine	S. G. Goss	840,765	Jan. 8	1960	431-2	126	544
Routing-machine and the like	H. A. Kenken	852,577	May 7	415	76	128	110
Routing-machine fixture	H. A. Reynolds	864,862	Sept. 3	159	44-5	130	50
Roving and spinning frame	W. Batten	842,824	Jan. 29	6200	1309-10	126	1724
Rowing device	W. D. Gift	853,234	May 14	1749	363-4	128	475
Rowlock	B. F. Tripp	867,686	Oct. 8	697	196	130	1546
Rubber and fiber. Producing compounds containing	F. M. Ekert	870,349	Nov. 5	755	.....	131	248
Rubber articles having seams. Making hollow	I. F. Kepler	868,668	Oct. 22	2315	641	130	2093
Rubber articles. Making	F. A. Magowan	852,130	Apr. 30	6916	1444	127	3486
Rubber. Artificial	W. H. Brownlow	869,618	Oct. 29	3813	.....	130	2582
Rubber boot	J. T. Crowley	864,616	Aug. 27	3947	1095	129	3404
Rubber boot and shoe	T. Crowley	873,510	Dec. 10	2462	519	131	1695
Rubber boot and shoe	T. E. Hurley	873,551	Dec. 10	2559	540	131	1609
Rubber coating. Making a solution for hard	E. F. Upton and M. E. Fisher	853,429	May 14	2129	.....	128	579
Rubber-composition ball and making the same. Hard	E. F. Upton	840,401	Jan. 1	1247	273	126	327
Rubber compound and material for use in making same	E. W. Strain	875,298	Dec. 31	6106	.....	131	2272
Rubber erasers. Tool for dressing, shaping, and cleaning	G. H. Blakesley	850,337	Apr. 16	3309	689	127	2508
Rubber. Extracting	G. B. Bradshaw	843,567	Feb. 5	1475	.....	126	2160
Rubber footwear. Making	M. C. Clark	848,807	Apr. 2	381	76-7	127	1686
Rubber footwear. Mold for manufacturing	M. C. Clark	842,859	Feb. 5	34	7	126	1798
Rubber goods. Apparatus for vulcanizing	T. Middley	858,406	July 2	66	19	129	23
Rubber heel	C. C. Beebe	859,538	July 9	1881	505	129	663
Rubber heel	F. W. Whitchee	874,471	Dec. 24	4426	933	131	1978
Rubber heel. Safety	E. G. Perkins	839,886	Jan. 1	168	38	126	48
Rubber heels. Making	C. C. Beebe	859,539	July 9	1882	506	129	663
Rubber heels. Resilient attaching means for	A. B. Heimbach	850,156	Apr. 16	2961	620	127	2412
Rubber mat	R. K. Gray	839,834	Jan. 1	57	13	126	17
Rubber mat	T. P. Farmer	873,420	Dec. 10	2298	480	131	1566
Rubber overshoe	F. C. Hood	867,882	Oct. 8	1007	287	130	1641
Rubber overshoe	H. C. Mason	869,976	Nov. 5	145	39	131	47
Rubber overshoe	F. C. Hood	874,340	Dec. 17	4177	879	131	1903
Rubber. Reclaiming scrap or waste vulcanized	O. A. Wheeler	866,758	Sept. 24	3078	869	130	1061
Rubber. Reclaiming scrap or waste vulcanized	O. A. Wheeler	866,759	Sept. 24	3081	869	130	1063
Rubber sandal	A. O. Bourn	875,144	Dec. 31	5811	1213	131	2223
Rubber shoes. Machine for preparing	J. F. Cavanagh	841,121	Jan. 15	2695	589-90	126	774
Rubber stamp	S. E. Timmons	843,046	Feb. 5	408	89	126	1896
Rubber stamps. Apparatus for making	G. J. B. Rodwell	864,195	Aug. 27	3268	905	129	3193
Rubber strips. Apparatus for producing	J. F. Ott	850,485	Apr. 16	3596	751-3	127	2579
Rubber substitute and making the same. Hard	C. Marter	867,737	Oct. 8	770	.....	130	1568
Rubber tip and means for securing it	H. Fuller	870,770	Nov. 12	1439	390	131	500
Rubber-tired wheel	J. P. Johnston	844,728	Feb. 19	4007	853	126	2857
Rubber tubes. Self-closing clasp or cock for	G. Ivanoff	863,398	Aug. 13	2064	557	129	2761
Rubbing and finishing machine	J. R. Peirce	861,387	July 30	4766	1303	129	1699
Rudder-controlling device	F. Gardner	864,240	Aug. 27	3328	921-2	129	3212
Ruffling-machines. Tripper-blade support and guide for	R. G. Woodward	875,639	Dec. 31	6875	1435	131	2382
Rug and curtain holder	A. C. Hawthorne	861,279	July 30	4593	1255	129	1645
Rug-fastener	E. Huntley	865,102	Sept. 3	524	145	130	159
Rug-fastener	N. K. Davidyan	873,025	Dec. 10	1516	317	131	1435
Rug renovating, finishing, and smoothing apparatus	E. S. Craddock	847,651	Mar. 19	3888	850	127	1043
Rug-turfing machine	J. J. Baird	869,407	Oct. 29	3460	950	130	2474
Rug with fringe. Woven	W. T. Smith	859,129	July 2	1255	336	129	424
Rugs, carpets, &c. Material for	F. Bartelt	849,186	Apr. 2	1163	235	127	1886
Rule	N. H. Cloud, Jr.	841,627	Jan. 15	3668	796	126	1023
Rule	H. Jeffreys	867,730	Oct. 8	762	213	130	1566
Rule. Adjustable	J. B. Le Vasseur	846,580	Mar. 12	1745	386	127	473

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Rule and bevel. Combination.	E. P. Johnson.	840,628	Jan. 8	1701	374	126	480
Rule and calipers. Extensible.	H. U. Prindle.	844,536	Feb. 19	3387	730	126	2711
Rule and level. Plumb.	W. Downs.	842,874	Feb. 5	62	15	126	1806
Rule and square. Combined.	H. S. Humes.	843,459	Feb. 5	1224	257	126	2099
Rule. Folding.	R. G. Platt.	849,638	Apr. 9	2024	415	127	2139
Rule. Letter and numeral.	A. M. Wing.	861,151	July 23	4368	1198	129	1535
Rule. Measuring.	R. Breil.	861,799	July 30	5416	1492	129	1897
Rule. Measuring.	I. Besse.	868,905	Oct. 22	2674	739	130	2202
Rule. Multiform-curve.	G. M. Healley.	865,586	Sept. 10	1300	368	130	424
Rule or calipers.	G. W. Le Compte.	869,578	Oct. 29	3747	1025	130	2562
Rule. Slide.	H. T. Hincks.	845,463	Feb. 26	5471	1158-9	126	3267
Rule, square, and bevel. Combined pocket.	T. Kalma.	872,944	Dec. 3	1309	277	131	1373
Ruler.	M. D. Bryson.	846,006	Mar. 5	585	122	127	150
Ruler.	J. L. Bartels.	858,498	July 2	241	59	129	88
Ruler and sliding scale. Rolling parallel.	G. B. Sturgeon.	843,374	Feb. 5	1082	223	126	2063
Ruler. Blackboard.	M. C. Benedict.	858,254	June 25	5507	1176	128	3191
Ruler. Desk.	H. F. Belcher.	854,325	May 21	3949	816	128	1083
Ruling apparatus.	W. L. Goodman.	852,430	May 7	41	9	128	14
Ruling appliance.	L. Hölzermann.	840,331	Jan. 1	1087	237	126	290
Ruling device.	C. C. Glidden.	848,545	Mar. 26	5643	1236	127	1508
Ruling device.	J. W. Hays.	874,588	Dec. 24	4681	984	131	2016
Ruling-machine crimping attachment.	A. Peterson.	874,987	Dec. 31	5505	1149-50	131	2172
Ruling machine. Paper.	W. H. Jordan.	860,386	July 16	3180	869	129	1115
Ruling machine. Paper.	J. W. Hays.	874,587	Dec. 24	4679	983	131	2016
Ruling of lines. Mechanism for periodically interrupting the	E. Weingärtner.	861,563	July 30	5044	1384-5	129	1786
Running-gear.	F. J. Patterson and S. E. Magee.	846,606	Mar. 12	1815	399	127	492
Running-gear.	T. A. Gray.	858,807	July 2	784	205	129	274
Running-gear.	H. B. Studebaker.	864,809	Sept. 3	66	19	130	23
Running-gear.	L. H. McGraw.	866,668	Sept. 24	2935	830	130	1009
Running-gear reach-coupling.	G. W. Loeffler.	871,712	Nov. 19	3245	804	131	899
Runway or guide.	L. J. Harris.	852,115	Apr. 30	6883	1437-8	127	3476
Saccharimeter.	L. Kunz.	859,453	July 9	1754	469	129	622
Sack-cleaning apparatus.	W. E. Mann.	869,585	Oct. 29	3756	1028-9	130	2564
Sack-holder.	H. F. Henke.	851,749	Apr. 30	6105	1276	127	3278
Sack-packer.	G. M. Buskey.	853,679	May 14	2632	546	128	709
Sad-iron.	A. A. Warner.	844,638	Feb. 19	3809	806	126	2807
Sad-iron.	W. F. Fisher.	845,296	Feb. 26	5141	1091	126	3187
Sad-iron.	F. A. Hoya.	849,331	Apr. 2	1420	286	127	1949
Sad-iron.	J. E. Austin.	851,479	Apr. 23	5541	1161	127	3105
Sad-iron.	J. F. Willey and E. W. Watson.	853,138	May 7	1541	321	128	379
Sad-iron.	G. M. Urie.	856,825	June 11	2705	559	128	2418
Sad-iron.	G. A. Magerry.	858,998	July 2	1075	282	129	364
Sad-iron.	L. Adams.	861,346	July 30	4697	1283	129	1678
Sad-iron.	H. M. Underwood.	861,920	July 30	5580	1542	129	1947
Sad-iron.	T. Finholt.	861,961	July 30	5648	1556-7	129	1969
Sad-iron.	J. J. Lucas.	863,861	Aug. 20	2754	757	129	3007
Sad-iron.	J. M. Harper.	864,734	Aug. 27	4126	1145	129	3460
Sad-iron.	J. M. Harper.	864,735	Aug. 27	4127	1146	129	3461
Sad-iron.	P. C. Greenawalt. (Reissue).	12,682	Aug. 27	4165	1157	129	3472
Sad-iron cleaner and waxer.	J. Hornung.	870,236	Nov. 5	572	154	131	187
Sad-iron. Electric.	G. J. Schneider.	863,455	Aug. 13	2138	577	129	2782
Sad-iron. Electrically-heated.	W. J. Barr.	861,249	July 30	4529	1239	129	1618
Sad-iron folding device.	I. L. Duncan.	864,459	Aug. 27	3662	1019	129	3320
Sad-iron handle.	J. R. Cochran.	840,043	Jan. 1	500	109	126	134
Sad-iron handle.	W. G. Boughton.	865,328	Sept. 3	873	251	130	265
Sad-iron heater.	H. W. Russell.	847,116	Mar. 12	2790	617	127	734
Sad-iron heater.	N. A. Westerlund.	862,039	July 30	5744	1596	129	1997
Sad-iron heater.	A. M. Clarke.	856,223	June 11	1498	316	128	2105
Sad-iron heater. Electrical.	C. V. Hill.	853,694	May 14	2676	551	128	722
Sad-iron holder.	C. W. Dollinger.	862,814	Aug. 6	1179	317	129	2444
Sad-iron stand.	E. Nickum.	851,897	Apr. 30	6404	1337	127	3357
Sad-iron stand.	H. S. Pease.	873,779	Dec. 17	3005	638	131	1719
Saddle.	P. S. Brodie.	853,675	May 14	2676	545	128	708
Saddle.	J. H. Gillespie.	854,086	May 21	3507	723	128	966
Saddle.	F. Maussner.	862,572	Aug. 6	802	214	128	2332
Saddle.	C. Szameitat.	865,661	Sept. 10	1408	399	130	459
Saddle-bag.	A. R. Moore.	843,349	Feb. 5	1039	214	126	2052
Saddle-cushion.	R. J. Benbow.	852,593	May 7	447	82	128	118
Saddle for harness. Cart.	G. J. Theobald.	851,784	Apr. 30	6173	1288	127	3296
Saddle frame. Pack.	J. T. S. Schouboe.	868,019	Oct. 15	1272	353	130	1745
Saddle. Harness.	M. Lauterbach.	860,812	July 23	3841	1053	129	1364
Saddle. Harness.	C. A. Spies.	867,438	Oct. 1	313	91	130	1410
Saddle-pack cover.	J. A. Evans.	849,667	Apr. 9	2077	426-7	127	2152
Saddle safety-stirrup release.	H. Arndt.	869,540	Oct. 29	3674	1007	130	2539
Saddle. Side.	M. M. Van Vechten.	868,825	Oct. 22	2560	706	130	2168
Saddle. Top-roll.	E. Dixon.	870,347	Nov. 5	753	202	131	248
Saddles. Bucking-roll for riding.	J. A. Duncan.	865,576	Sept. 10	1286	364	130	420
Saddles. Manufacturing harness.	C. H. Grings.	864,892	Sept. 3	206	57-8	130	64
Saddletree.	J. Bevan.	858,055	June 25	5143	1088	128	3097
Saddletree.	G. J. Theobald.	870,857	Nov. 12	1567	431	131	540
Saddletree and tree-pad plate.	J. E. L. Crawford.	846,731	Mar. 12	2031	446-7	127	546
Saddletree-horn.	L. L. Nelson and E. L. Reeder.	864,679	Aug. 27	4042	1122	129	3434
Saddletree-plate.	J. E. L. Crawford.	873,509	Dec. 10	2460	518	131	1595
Safe.	W. C. Hattersley.	843,272	Feb. 5	903	183	126	2021
Safe.	J. W. Cramer.	846,057	Feb. 26	4642	987-8	126	3058
Safe.	F. J. Super.	847,265	Mar. 12	3082	680	127	808
Safe.	A. F. Gustafson.	851,744	Apr. 30	6098	1275	127	3277
Safe.	G. J. H. Goehler.	851,880	Apr. 30	6374	1329-30	127	3350
Safe.	R. Lynn.	865,602	Sept. 10	1319	374	130	429
Safe.	J. M. Allen.	869,220	Oct. 29	3155	870	130	2379
Safe and vault door boltwork mechanism.	E. A. Strauss.	869,992	Nov. 5	191	50	131	67
Safe and vault protecting device.	P. H. Thompson.	846,523	Mar. 12	1624	360	127	442
Safe attachment.	C. W. Burkhead.	855,499	June 4	112	23	128	1722
Safe-bolt. Burglar-proof.	C. E. Blechschmidt.	863,584	Aug. 20	2346	640	129	2875

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Safe-bolt mechanism and lock	W. H. Taylor	840,269	Jan. 1	964	209-10	126	261
Safe-bolt work	E. A. Strauss	859,531	July 9	1867	502-3	129	659
Safe-deposit lock	H. P. Townsend	868,306	Oct. 15	1713	482-3	130	1870
Safe-door	E. Pascoe	853,825	May 14	2951	605	128	790
Safe-door	W. C. Hattersley	855,706	June 4	499	104	128	1822
Safe-door recording device	E. F. Abbott and C. E. Morris	864,500	Aug. 27	3724	1037	129	3340
Safe-door support	J. M. Allen	869,221	Oct. 29	3156	870	130	2379
Safe-door supporting and locking mechanism	W. Corry	862,236	Aug. 6	205	57	129	2147
Safe-lock	E. A. Siegfried	858,111	June 25	5252	1115	128	3125
Safe-lock	J. M. Allen	869,222	Oct. 29	3157	870	130	2379
Safe or receptacle. Wall	H. C. Lowrie	873,878	Dec. 17	3210	684	131	1752
Safe or vault	M. Mosler	862,268	Aug. 6	266	76	129	2165
Safe. Pocket	C. Fisher	850,868	Apr. 16	4340	910	127	2769
Safe protective means	W. Weikel	859,791	July 9	2266	616	129	788
Safe. Provision	O. E. Kearns	873,555	Dec. 10	2567	541	131	1611
Safe. Round-door	M. Mosler	848,674	Apr. 2	105	23	127	1612
Safes from burglars. Means for protecting	B. Heavner and C. A. Manker	866,929	Sept. 24	3339	943	130	1141
Safes. Trap for preventing the burglarizing of iron	S. M. Harden	844,934	Feb. 19	4392	939	126	2955
Safety-burner. Automatic	N. Wise	852,370	Apr. 30	7344	1542-3	127	3592
Safety-can	W. H. McNutt	858,898	July 2	919	240	129	316
Safety device	D. M. Watkins	851,909	Apr. 30	6433	1342	127	3565
Safety device	G. G. Wacker	860,948	July 23	4060	1111-12	129	1436
Safety device. Automatic	C. A. Noren	845,113	Feb. 26	4769	1011	126	3093
Safety device or pin	H. M. Willis	842,600	Jan. 29	5729	1211	126	1610
Safety drill and tap holder	E. Groom	862,901	Aug. 13	1305	355	129	2518
Safety-elevator	J. Hart	840,936	Jan. 8	2307	507	126	629
Safety-elevator	A. Bennett and R. Binder	849,188	Apr. 2	1166	235	127	1887
Safety-elevator	G. L. Wheeler	857,699	June 25	4394	927	128	2909
Safety-hanger	R. Anteau	864,765	Sept. 3	1	1	130	3
Safety-hook	E. Wlatnigg	874,647	Dec. 24	4806	1009	131	2037
Safety-lock	H. E. Prätorius	840,514	Jan. 8	1472	325	126	422
Safety-lock	M. Speciale	846,762	Mar. 12	2097	460	127	564
Safety-lock	J. E. Ledford	850,840	Apr. 16	4284	898	127	2754
Safety-lock	A. Jacobson and E. A. Svensson	851,008	Apr. 23	4601	964	127	2872
Safety or restraining device	M. E. McCalmont	853,025	May 7	1346	280	128	341
Safety-pin	R. Douglas	849,217	Apr. 2	1213	246	127	1899
Safety-pin	S. A. Newman	849,558	Apr. 9	1881	383	127	2103
Safety-pin	W. Strayer	856,821	June 11	2700	557	128	2412
Safety-pin	G. von Hahn	858,978	July 2	1048	276	129	358
Safety-pin	H. M. Fetter	860,362	July 16	3142	859	129	1103
Safety-pin	R. B. Ferguson	861,234	July 23	4496	1232	129	1577
Safety-pin	W. B. Pritchard	861,764	July 30	5352	1476	129	1877
Safety-pin	E. S. Aiken	863,826	Aug. 20	2702	745	129	2991
Safety-pin	L. C. Wicks	873,474	Dec. 10	2387	503	131	1583
Safety-pin	H. Kaspar and J. Krejci	875,080	Dec. 31	5687	1187	131	2202
Safety-pin. Automatic	W. Coyle	853,865	May 14	3027	621	128	807
Safety-pin. Double-pointed	H. Kaspar	853,799	May 14	2881	592	128	773
Safety-pin. Lock	J. H. Lippke and R. M. Babin	865,786	Sept. 10	1602	453	130	520
Safety-pin. Locking	K. G. Dietrich	873,927	Dec. 17	3297	705	131	1767
Safety-stop	H. H. Broekhuis and A. Ruettner	861,429	July 30	4842	1329	129	1722
Safety switch and signal	C. S. Nowlin	868,800	Oct. 22	2525	696	130	2166
Safety-switch. Automatic	W. R. Jenney	853,944	May 14	3201	656	128	851
Safety-switch. Automatic	G. E. Ryan	859,694	July 9	2130	575	129	742
Sage-brush digger and land-roller. Combined	J. W. Powell	874,538	Dec. 24	4593	964	131	2000
Sail-furling means	H. Rägner	863,444	Aug. 13	2121	572	129	2778
Sail-hank	M. Månsson	842,215	Jan. 29	4892	1044	126	1394
Sail-reefing apparatus	J. V. Ericson	855,238	May 28	5779	1204	128	1574
Sale-machine for bread and butter. Automatic	E. W. Lindgren	855,516	June 4	139	28	128	1729
Sales-case for tobacco, &c.	I. J. Bailey	849,590	Apr. 9	1941	397	127	2118
Salt and pepper cellar	P. W. Smith	846,256	Mar. 5	1068	230	127	271
Salt and pepper shaker	T. J. Brannon	847,726	Mar. 19	4037	882	127	1079
Salt and pepper shaker	A. L. Buckland	855,278	May 28	5851	1219	128	1592
Salt and pepper shaker. Combination	H. W. Jackson	856,064	June 4	1176	249	128	1990
Salt-brick holder for live stock	C. L. Hutcheson	872,818	Dec. 3	1042	218	131	1332
Salt-cellar	S. P. Isbell	874,509	Dec. 24	4539	953	131	1991
Salt-cellar top. Flexible	F. Bartlett	854,792	May 28	4865	1010	128	1340
Salt. Making	A. E. McClain	856,597	June 11	2283	470	128	2306
Salt-press	V. S. Hardy and A. E. Roe	861,975	July 30	5666	1572	129	1973
Salt-shaker	O. Kampfe	843,280	Feb. 5	915	186	126	2023
Salt-shaker	L. Hinsberger	871,588	Nov. 19	3030	755	131	862
Salt-shaker	F. Kendall	871,803	Nov. 26	3447	846	131	960
Salt-shaker	O. Kampfe	875,531	Dec. 31	6563	1371	131	2346
Salts. Electrolysis of fused	F. von Kugelgen and G. O. Seward	865,648	Sept. 10	1391	-----	130	454
Salts of volatile bases. Producing	T. Blass, J. L. Haehnlen, and W. W. Cox	854,453	May 21	4200	869	128	1146
Salting apparatus	A. S. Cairncross	874,570	Dec. 24	4650	976-7	131	2010
Salting machine. Can-	F. W. Burpee	854,075	May 21	3482	718-19	128	960
Salt-peter and similar eruptions. Permanently removing wall-	M. Froschmaier	847,173	Mar. 12	2897	-----	127	762
Salves and ointments. Making mercury	F. Fuhrmann	871,495	Nov. 19	2845	-----	131	831
Sample-case	N. J. Little	866,727	Sept. 24	3036	856	130	1048
Sample-case	C. Billburg	868,068	Oct. 15	1352	378	130	1769
Sample-mixer	U. A. Garred	849,540	Apr. 9	1848	376	127	2095
Sample-mounting machine	H. Weiskopf	872,872	Dec. 3	1172	249	131	1350
Sand and mineral drier	M. Schaeffer	847,513	Mar. 19	3586	789	127	965
Sand-bailer	U. Mong	862,499	Aug. 6	667	179	129	2295
Sand-bars in watercourses, &c. Means for removing	N. Jomani	861,123	July 23	4332	1188	129	1524
Sand-blast apparatus	E. A. Arcouet	845,919	Mar. 5	404	82	127	104
Sand-blast apparatus	F. M. Wise	847,269	Mar. 12	3092	681	127	810
Sand-blast apparatus	F. M. Wise	847,270	Mar. 12	3094	682	127	811
Sand-blast apparatus	W. H. Kelly	864,471	Aug. 27	3675	1022	129	3324
Sand-blast device	S. L. Young and H. L. Conley	859,863	July 9	2377	646	129	821
Sand-box	P. S. Keck	855,183	May 28	5680	1181	128	1548
Sand-box	C. G. Hensley	870,101	Nov. 5	345	97	131	115
Sand-box	J. L. Levy	870,111	Nov. 5	360	101	131	120

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Drig.	Vol.	Page.
Sand-mold flask	J. Macphail	842,322	Jan. 29	5111	1087	126	1448
Sand-molding machine	J. Pickles	841,569	Jan. 15	3548	766-7	126	993
Sand-molding machine	W. C. Norcross	873,584	Dec. 10	2617	551	131	1621
Sand-trap	C. E. Warner	860,714	July 23	3698	1013	129	1317
Sand-tray	P. K. Miller	859,002	July 2	1079	284	129	368
Sand-wheel	W. H. Hobby	863,276	Aug. 13	1892	510	129	2704
Sander	D. B. Keeports	852,564	May 7	389	70	128	103
Sanding and polishing machine	D. T. Clemons	871,323	Nov. 19	2471	638	131	775
Sanding-machine. Automatic air	A. F. Kubicek	867,055	Sept. 24	3534	1001	130	1202
Sandpaper-holder	W. W. Williams	840,982	Jan. 8	2384	522	126	648
Sandpaper-holder	F. J. Peters	842,579	Jan. 29	5670	1199	126	1595
Sandpaper-holder	M. V. B. Stone	846,159	Mar. 5	900	190	127	230
Sandpaper-holder	M. Linderoth	872,568	Dec. 3	531	111	131	1249
Sandpapering and polishing machine	D. McDougall	839,872	Jan. 1	135	33-4	126	39
Sandpapering and polishing machine	M. L. Beal	854,625	May 21	4506	940	128	1220
Sandpapering-machine	J. Gramelspacher	843,010	Feb. 5	333	73	126	1874
Sandpapering-machine	J. Gramelspacher	860,367	July 16	3148	861	129	1105
Sandpapering-machine	J. Black	869,688	Oct. 29	3921	1078-9	130	2614
Sandpapering-machine carrier	J. L. Perry	874,915	Dec. 24	5349	1118	131	2123
Sanitary apparatus	G. A. Lucas	869,001	Oct. 22	2828	778	130	2251
Sanitary bar	W. G. Clark	865,359	Sept. 10	934	267	130	312
Sanitary closet	J. W. Softley	850,263	Apr. 16	3165	662	127	2468
Sanitary douche-board	H. C. Cropley	868,533	Oct. 15	2073	581	130	1987
Sanitary pad	W. E. Wright	860,111	July 16	2765	755	129	978
Sanitary system	W. Walker	860,713	July 23	3697	1012	129	1317
Sanitary T	J. L. Fruin	849,383	Apr. 9	1534	310	127	2015
Sanitary T	J. L. Fruin	860,911	July 23	3997	1096	129	1415
Santalol carbonate	H. Vieth	862,857	Aug. 6	1245	.....	129	2465
Sap and gum extractor	J. T. Gilmer	858,380	July 2	26	9	129	10
Sap-collecting apron and receptacle. Sheet-metal	R. P. Philip	858,305	June 25	5593	1196	128	3211
Sap-cup hook	T. A. McGregor	857,823	June 25	4638	984	128	2970
Sap-extractor	V. P. McVoy	841,039	Jan. 8	2506	546	126	681
Sap-receiving apron and receptacle	C. Stollberg and E. R. Philip	857,847	June 25	4686	994	128	2981
Sap-receiving receptacle and apron	F. Rudolph	857,964	June 25	4938	1044	128	3044
Sap receptacle or vessel. Sheet-metal	C. Stollberg	857,846	June 25	4685	994	128	2981
Saponification process	M. R. A. Samuel	873,615	Dec. 10	2682	565	131	1631
Sash-adjuster	J. W. Paterson	849,016	Apr. 2	794	163	127	1789
Sash-balance	J. N. Reiland	842,701	Jan. 29	5967	1258	126	1668
Sash-balance	F. Harbach	875,072	Dec. 31	5673	1183	131	2199
Sash balance and lock	U. H. Hill	863,797	Aug. 20	2657	734	129	2977
Sash balance and pulley casing	C. H. Ocumpaugh	869,512	Oct. 29	3631	995	130	2526
Sash-bar	G. C. Hester	874,069	Dec. 17	3652	768	131	1814
Sash-bar fastener. Metallic	G. A. Bischoff	871,318	Nov. 19	2455	635	131	773
Sash-bar. Metal	F. H. Trefftz	848,141	Mar. 26	4879	1065	127	1318
Sash-bar. Metal	C. H. Shultz	851,108	Apr. 23	4785	1006	127	2918
Sash clamp Window	J. S. Wallace	875,226	Dec. 31	5974	1244	131	2250
Sash construction	E. L. Charroin	844,301	Feb. 12	2881	613	126	2548
Sash construction	F. M. Erb	871,215	Nov. 19	2220	587	131	737
Sash construction	E. M. Erb	871,217	Nov. 19	2223	587	131	737
Sash construction	E. M. Erb	871,218	Nov. 19	2224	588	131	738
Sash-cord clamp	L. W. Strasbaugh	843,035	Feb. 19	4595	978	126	3007
Sash-cord fastener	H. M. Altick	858,555	July 2	327	80	129	118
Sash-cord fastener	F. R. Gilbert	863,712	Aug. 20	2519	695	129	2933
Sash-cord holder	G. C. Smith	873,623	Dec. 10	2695	569	131	1634
Sash-fastener	J. L. Grether	840,317	Jan. 1	1062	232	126	283
Sash-fastener	G. W. Adamson	841,655	Jan. 22	3732	810	126	1071
Sash-fastener	H. Salisbury	842,340	Jan. 29	5148	1094	126	1459
Sash-fastener	E. Sloan	846,254	Mar. 5	1063	229	127	270
Sash-fastener	C. Leach	847,345	Mar. 19	3249	715	127	876
Sash-fastener	C. H. Miller	830,170	Apr. 16	2990	627	127	2420
Sash-fastener	E. Thomas	854,854	May 28	4988	1038	128	1372
Sash-fastener	A. O. Baker	857,322	June 18	3647	773	128	2690
Sash-fastener	D. Wilde	858,245	June 25	5493	1172	128	3188
Sash-fastener	R. H. Graham	860,912	July 23	3998	1096	129	1415
Sash-fastener	J. W. Wynn	861,070	July 23	4252	1165	129	1496
Sash-fastener	D. R. Smith	861,402	July 30	4799	1316	129	1709
Sash-fastener	G. M. Scott	861,681	July 30	5215	1453	129	1837
Sash-fastener	A. H. Michaelis and W. H. Foll	862,090	July 30	5852	1623	129	2034
Sash-fastener	W. G. Schneider	863,226	Aug. 13	1818	489	129	2683
Sash-fastener	A. Monfalcone	864,020	Aug. 20	2978	822	129	3075
Sash-fastener	J. E. Gibbs	864,780	Sept. 3	21	7	130	9
Sash-fastener	G. A. Orr	869,798	Oct. 29	4080	1126	130	2659
Sash-fastener	J. C. O'Neill	870,641	Nov. 12	1221	330	131	433
Sash-fastener	W. A. Godlewski	874,842	Dec. 24	5162	1087	131	2100
Sash-fastener	A. H. Hansen	875,521	Dec. 31	6542	1364	131	2343
Sash fastener and tightener	N. S. Hillyard	865,339	Sept. 3	893	256	130	270
Sash fastener. Window	L. C. A. Denlea	849,982	Apr. 9	2638	551	127	2294
Sash fastener. Window	C. W. Robinson	860,412	July 16	3221	881	129	1128
Sash-fasteners. Bumper for	A. H. Anstey	860,274	July 16	3005	822	129	1058
Sash-fastening device	J. Hunt	859,499	July 9	1821	490	129	643
Sash-fastening device. Automatic window	C. H. Bellamy	866,565	Sept. 17	2766	773	130	926
Sash for windows. Storm	D. Todd	865,453	Sept. 10	1077	307	130	356
Sash-frame and sash	J. G. Roseboom	852,621	May 7	495	92	128	130
Sash-frame and sash	J. G. Roseboom	863,093	Aug. 13	1600	431	129	2613
Sash hanger or separable hinge. Storm	F. Bursik	875,047	Dec. 31	5626	1174	131	2192
Sash-holder	A. J. Wilson	866,898	Sept. 24	3283	924	130	1124
Sash-holder	T. N. Jones	869,437	Oct. 29	3510	964	130	2489
Sash-holder	L. H. Vincent, Jr.	872,701	Dec. 3	798	166	131	1294
Sash-holder	H. W. Covert	872,906	Dec. 3	1240	264	131	1361
Sash-holder	F. C. Jacobs	873,865	Dec. 17	3193	680	131	1748
Sash-holder	A. H. Marden	874,097	Dec. 17	3698	778	131	1822
Sash holder and fastener	A. M. Brister	840,427	Jan. 1	1288	283	126	337
Sash-holder. Antirattling	T. J. Benedict	862,302	Aug. 6	327	91	129	2185
Sash holder. Window	E. Bujewski	843,439	Feb. 5	1184	249	126	2088
Sash-lifter	R. Washburn	847,627	Mar. 19	3849	841	127	1032

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Sash-lock	O. L. Durlfinger	840,758	Jan. 8	1947	429	126	540
Sash-lock	W. E. Duckenfield	844,667	Feb. 19	3882	821	126	2826
Sash-lock	S. F. Estell	845,454	Feb. 26	5447	1153-4	126	3261
Sash-lock	O. J. Rogers	847,510	Mar. 19	3581	787	127	964
Sash-lock	O. Pearson and C. E. Lindquist	847,600	Mar. 19	3768	826	127	1013
Sash-lock	C. S. Lowthorp	849,800	Apr. 9	2316	475	127	2213
Sash-lock	W. Schuch	850,495	Apr. 16	3618	756-7	127	2585
Sash-lock	D. D. Miles	851,299	Apr. 23	5196	1090	127	3022
Sash-lock	S. W. Letson	851,533	Apr. 23	5644	1181	127	3132
Sash-lock	W. Stephens	854,250	May 21	3827	790	128	1049
Sash-lock	E. F. Henderson	860,470	July 16	3306	904	129	1157
Sash-lock	W. H. H. Marcum	860,816	July 23	3844	1054	129	1653
Sash-lock	L. R. Eddy	865,090	Sept. 3	511	141	130	155
Sash-lock	J. Diehl	865,573	Sept. 10	1282	363	130	419
Sash-lock	D. G. Saunders, Jr.	866,073	Sept. 17	2072	578	130	708
Sash-lock	H. Buttress	867,911	Oct. 8	1060	300	130	1656
Sash-lock	E. H. Lunken and C. M. Conklin	871,128	Nov. 19	2035	553	131	708
Sash-lock	A. J. Downey	872,912	Dec. 3	1248	266	131	1363
Sash-lock	C. Smith	873,180	Dec. 10	1831	383	131	1486
Sash-lock	F. E. Greis	873,425	Dec. 10	2306	482	131	1567
Sash-lock	F. Salter	873,794	Dec. 17	3033	644	131	1723
Sash-lock	G. M. Logan	874,093	Dec. 17	3693	777	131	1821
Sash-lock	F. A. Carroll	874,830	Dec. 24	5146	1084	131	2096
Sash-lock	L. Foery	875,338	Dec. 31	6195	1291	131	2283
Sash lock and holder	Z. Xevers	846,176	Mar. 5	925	196	127	235
Sash lock and support	D. E. Barnes	848,953	Apr. 2	692	139	127	1764
Sash lock and tightener	H. O. Wolff	872,099	Nov. 26	4128	987	131	1059
Sash-lock. Duplex	W. Lipps	875,360	Dec. 31	6238	1301	131	2290
Sash lock. Swing	M. Petrovics	848,393	Mar. 26	5369	1170	127	1439
Sash lock. Ventilating window	F. E. Jeffers	849,072	Apr. 2	917	188	127	1822
Sash lock. Window	S. W. Ekroos	839,828	Jan. 1	46	11	126	13
Sash lock. Window	M. H. Gaba	845,772	Mar. 5	78	16	127	23
Sash. Metallic window	C. and O. A. Neidig	854,665	May 21	4578	956	128	1238
Sash-operating device. Window	P. Knöchel	855,788	June 4	666	136	128	1865
Sash-operating device. Window	C. Brown	857,592	June 25	4178	885	128	2853
Sash operating, locking, and balancing mechanism	J. D. Hess	870,431	Nov. 5	893	240-1	131	293
Sash-operating mechanism	J. L. Best	860,518	July 16	3368	925-6	129	1771
Sash-operator Automatic	L. Nees and W. Venske	849,490	Apr. 9	1753	355	127	2070
Sash raising and locking device	P. J. O'Brien	841,810	Jan. 22	4061	875	126	1158
Sash. Removable guide for metal window	F. D. Swaney	855,359	May 28	5990	1250	128	1627
Sash. Sheet-metal window	J. W. Watkins	865,834	Sept. 10	1705	473	130	566
Sash-supporter	W. W. Sweetland	873,186	Dec. 10	1840	385	131	1488
Sash. Swinging	J. H. Hiltz and J. B. Smith	872,420	Dec. 3	216	42	131	1202
Sash. Ventilating window	S. Feldman	843,139	Feb. 5	612	129	126	1951
Sash-ventilator	H. D. Harris	852,717	May 7	692	134	128	181
Sash-weight	J. R. N. Curtin	856,035	June 4	1132	237	128	1990
Sash-weight	C. E. Pope	863,634	Aug. 20	2422	666	129	2901
Sash. Window	A. P. Hardee	852,604	May 7	464	86	128	123
Sash. Window	J. G. Roseboom	852,622	May 7	497	92	128	130
Sash. Window	E. J. Orr	856,419	June 11	1957	402	128	2224
Sash. Window	W. Le Quesne	863,294	Aug. 13	1916	517	129	2711
Sash. Window	L. J. Cook	873,211	Dec. 10	1877	393	131	1495
Sashes. Means for balancing and fastening window	A. Curwood	868,972	Oct. 22	2777	766	130	2234
Satchel	M. Duplessis	856,042	June 4	1141	240	128	1982
Satchel-latch	J. H. Wiedner	845,915	Mar. 5	398	81	127	103
Saucepan-lid	J. W. Woulven	840,184	Jan. 1	793	173	126	213
Sausage linking and twisting machine	H. W. Louden, Sr	873,877	Dec. 17	3208	683-4	131	1751
Sausage-linking machine	H. R. Kuersten	854,044	May 21	3408	703-4	128	941
Sausage-linking machine	A. F. LITTLE	870,972	Nov. 12	1773	483	131	604
Sausage-stuffer	H. F. Hambruch	872,231	Nov. 26	4399	1046	131	1103
Sausage-stuffer	H. F. Hambruch	872,294	Nov. 26	4511	1070	131	1122
Sausage-stuffing machine	J. T. Barber	859,192	July 9	1357	360-1	129	489
Sausage-stuffing machine	G. Zimmers	859,535	July 9	1876	504	129	661
Sausage-stuffing machine	E. Hahn	874,889	Dec. 24	5253	1106-7	131	2113
Saw	R. E. Poindexter	843,030	Feb. 5	382	84	126	1888
Saw	W. A. Miller	853,255	May 14	1786	372	128	486
Saw	T. L. Wallace	853,282	May 14	1838	383	128	499
Saw	W. Vartmann	853,609	May 14	2498	519	128	675
Saw	L. Harrison	853,652	July 2	519	133	129	180
Saw	J. M. Allison	865,348	Sept. 10	918	263	130	307
Saw	C. Smith	867,218	Sept. 24	3797	1072	130	1285
Saw	A. J. Velandor	868,509	Oct. 15	2026	568	130	1973
Saw	W. B. Huther	869,574	Oct. 29	3741	1024	130	2560
Saw	S. J. Gray and J. Horning	873,666	Dec. 10	2756	585	131	1647
Saw and drill. Combined jig	V. E. Koyle	855,814	June 4	718	148-9	128	1877
Saw attachment	F. Tupper	869,947	Nov. 5	105	29	131	35
Saw attachment. Band	A. M. Fortteus	874,434	Dec. 24	4370	920	131	1967
Saw attachment. Hand	W. C. Bennett	846,061	Mar. 5	706	147	127	151
Saw-bench	F. A. Crum	850,351	Apr. 16	3338	696	127	2514
Saw-blade edges. Gage for determining curvature of	S. E. Smith	849,510	Apr. 9	1800	365	127	2083
Saw-blades. Insertible teeth for	C. A. Juengst	861,368	July 30	4741	1295	129	1692
Saw. Chain	A. M. Granbery	846,663	Mar. 12	1914	421	127	517
Saw. Chain	R. L. Muir	865,118	Sept. 3	546	153	130	166
Saw-clamp	C. H. Spray	854,540	May 21	4349	900	128	1180
Saw-clamp	J. W. Douglas	858,503	July 2	248	61	129	90
Saw clamp and set. Combined	F. H. Turner	863,562	Aug. 13	2294	628	129	2828
Saw clamping and filing means	C. H. Parks and R. S. Brown	847,599	Mar. 19	3765	825-6	127	1013
Saw. Crosscut	L. Mutsch	854,102	May 21	3537	730	128	973
Saw. Crosscut	J. V. Hotchkiss	869,182	Oct. 22	3087	851	130	2331
Saw. Detachable-tooth	A. Krieger	867,980	Oct. 15	1212	335	130	1726
Saw. Drag	B. W. Scott	870,474	Nov. 5	952	260-1	131	309
Saw. Drag	D. F. Campbell	870,712	Nov. 12	1327	363	131	467
Saw-dressing tool	E. R. Cobb	844,850	Feb. 19	4253	907	126	2922
Saw filing and setting machine	S. E. Arney	865,225	Sept. 3	708	201	130	214
Saw-filing apparatus	F. J. Miller	853,988	May 21	3294	677-8	128	914

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Saw-filing device.....	W. M. Potter.....	867,926	Oct. 8	1080	306	130	1663
Saw-filing device.....	C. F. Hobson.....	870,883	Nov. 12	1612	441-2	131	554
Saw-filing machine.....	C. J. Tatum.....	842,724	Jan. 29	6023	1268-9	126	1682
Saw-filing machine.....	M. W. Jones.....	845,359	Feb. 26	5260	1115-16	126	3215
Saw-filing machine.....	J. M. Beaver.....	845,843	Mar. 5	212	44-5	127	56
Saw-filing machine.....	O. Schmachtenberger.....	855,673	June 4	436	90-2	128	1807
Saw-filing machine.....	T. C. Holsclaw.....	860,214	July 16	2919	797-8	129	1028
Saw-filing machine.....	L. S. Keeter.....	867,512	Oct. 1	429	122	130	1448
Saw-filing machine.....	I. H. Farrow.....	873,223	Dec. 10	1894	397	131	1498
Saw gage and jointer.....	J. P. Olson.....	840,155	Jan. 1	745	162	126	202
Saw-guard.....	F. C. Pfeil.....	869,513	Oct. 29	3632	996	130	2526
Saw-guard and handle connection. Crosscut-	J. Tors.....	846,964	Mar. 12	2510	553	127	668
Saw-guard. Circular.....	M. P. O'Regan.....	866,508	Sept. 17	2685	751	130	903
Saw-guide.....	F. H. Overholt.....	842,489	Jan. 29	5498	1164	126	1556
Saw-guide.....	H. W. Garland.....	843,336	Feb. 5	1018	210	126	2047
Saw-guide.....	A. Harrold.....	848,548	Mar. 26	5648	1237	127	1510
Saw-guide.....	O. F. Giffin.....	858,277	June 25	5543	1185	128	3199
Saw-guide.....	B. A. Wadsworth.....	865,621	Sept. 10	1360	385	130	445
Saw guide. Band.....	H. J. Rathke.....	843,097	Feb. 5	529	110	126	1929
Saw guide. Band.....	J. J. Callahan.....	858,148	June 25	5323	1132	128	3143
Saw-guide. Miter-box.....	E. A. Schade.....	851,841	Apr. 30	6300	1314	127	3331
Saw. Hand.....	V. Lomoff.....	850,481	Apr. 16	3586	749	127	2577
Saw-handle.....	J. Henry.....	844,723	Feb. 19	4001	852	126	2855
Saw-handle.....	H. M. Walker.....	850,280	Apr. 16	3195	666	127	2476
Saw-handle.....	W. B. McCain.....	854,517	May 21	4306	891	128	1170
Saw handle. Crosscut.....	A. S. Patton.....	840,363	Jan. 1	1169	253	126	309
Saw-handle. Detachable.....	C. F. Frazee.....	842,141	Jan. 22	4713	1008	126	1315
Saw-holder.....	J. B. Hill.....	870,827	Nov. 12	1527	417	131	528
Saw. Inserted-tooth milling.....	H. S. Hunter.....	867,275	Oct. 1	68	20	130	1335
Saw-jointer.....	J. G. Murbach.....	864,907	Sept. 3	231	63	130	72
Saw jointer. Hand.....	A. P. Hall.....	845,173	Feb. 26	4883	1035	126	3122
Saw-machine.....	J. M. Galyan and J. M. Chesnut.....	859,211	July 9	1385	368	129	497
Saw machine. Hack.....	E. Renkenberger.....	865,269	Sept. 3	767	219-20	130	233
Saw-operating mechanism.....	W. K. Gordon.....	851,512	Apr. 23	5604	1174	127	3121
Saw. Pneumatic log.....	R. Fullerton.....	853,350	May 14	2000	414	128	546
Saw. Portable crosscut.....	A. Schubert.....	869,659	Oct. 29	3870	1060	130	2599
Saw-set.....	J. V. Strombom.....	853,747	May 14	2796	574	128	752
Saw-set.....	W. H. Clendenon.....	855,616	June 4	332	68	128	1779
Saw-set.....	J. Faix.....	856,522	June 11	2132	438	128	2267
Saw-set.....	J. H. Stuke.....	858,835	July 2	830	215	129	287
Saw-set.....	F. Krahenbuhl.....	858,994	July 2	1070	231	129	365
Saw-set.....	J. H. Wagner.....	860,271	July 16	3003	822	129	1057
Saw-set.....	T. W. Cross.....	865,165	Sept. 3	607	171	130	185
Saw-set.....	W. Carmer.....	867,792	Oct. 8	854	244	130	1596
Saw-set.....	J. M. Hancock.....	869,707	Oct. 29	3948	1089	130	2621
Saw-set.....	J. H. Keeter.....	870,036	Nov. 5	257	71	131	88
Saw-set.....	P. J. Leavens.....	875,441	Dec. 31	6396	1334	131	2318
Saw-setting apparatus.....	J. J. Duane and R. H. McFarland.....	860,790	July 23	3816	1046	129	1356
Saw-setting implement.....	C. C. Taintor.....	861,554	July 30	5030	1382	129	1783
Saw-setting machine.....	H. Watkins and D. C. Dye.....	839,909	Jan. 1	216	47	126	61
Saw-setting machine.....	T. C. Holsclaw.....	852,838	May 7	949	194	128	242
Saw-setting machine.....	H. A. Avera.....	858,556	July 2	328	81	129	119
Saw-setting machine.....	S. E. Arney.....	865,325	Sept. 3	866	249	130	263
Saw-setting tool.....	J. P. Olson and M. C. Christensen.....	872,445	Dec. 3	262	54	131	1210
Saw-support for undercutting.....	A. E. Shroy.....	867,428	Oct. 1	301	88	130	1407
Saw-swage.....	A. R. Wilson.....	856,381	June 11	1872	386	128	2204
Saw-swage.....	J. Hanchett.....	858,175	June 25	5369	1142	128	3154
Saw-table.....	C. F. Haldeman.....	844,590	Feb. 19	3729	784	126	2788
Saw-table gage.....	E. L. Spencer and C. D. Wildrick.....	859,138	July 2	1276	340	129	431
Saw-tool.....	W. Bryson.....	857,438	June 18	3865	821	128	2742
Saw-tooth.....	L. G. McKam.....	848,842	Apr. 2	489	96	127	1711
Saw-tooth gage.....	L. M. Taylor.....	854,775	May 28	4834	1004	128	1333
Saw. Wood.....	F. Radloff.....	859,249	July 9	1444	384-5	129	520
Saws. Appliance for crosscut.....	J. Tors.....	846,965	Mar. 12	2511	554	127	668
Saws. Insertible tooth for metal.....	S. Freas.....	846,196	Mar. 5	966	205	127	245
Saws. Rotary cutter for making.....	C. Napier.....	842,903	Feb. 5	118	28	126	1819
Saws. Stop for cut-off.....	G. Geisendorfer.....	866,782	Sept. 24	3119	878	130	1074
Sawing devices. Adjustable platform for tree.....	H. Funk.....	848,360	Mar. 26	5311	1158	127	1425
Sawing-machine.....	S. J. Gray and J. Horning.....	840,314	Jan. 1	1054	230-1	126	282
Sawing-machine.....	O. C. Hoar.....	840,330	Jan. 1	1085	236	126	290
Sawing-machine.....	J. G. Pedley.....	840,366	Jan. 1	1172	254	126	310
Sawing-machine.....	B. E. Harreld.....	841,516	Jan. 15	3465	746-7	126	973
Sawing-machine.....	M. Rosenow.....	846,510	Mar. 12	1605	356	127	438
Sawing-machine.....	F. C. Storrs.....	847,845	Mar. 19	4294	941	127	1138
Sawing-machine.....	W. Powell.....	853,030	May 7	1359	282	128	345
Sawing-machine.....	C. A. Kallstrom.....	860,387	July 16	3181	869-70	129	1116
Sawing-machine.....	T. R. King.....	860,486	July 16	3327	911	129	1164
Sawing-machine.....	S. A. Philips.....	861,890	July 30	5537	1528	129	1934
Sawing-machine.....	F. Anderson.....	863,011	Aug. 13	1468	399	129	2572
Sawing-machine.....	H. Anderson.....	866,905	Sept. 24	3295	929	130	1127
Sawing-machine.....	G. Walker.....	867,322	Oct. 1	140	42	130	1356
Sawing-machine.....	H. W. Cotton.....	867,643	Oct. 8	639	180	130	1529
Sawing-machine. Adjustable.....	C. Thomas, Sr.....	848,327	Mar. 26	5248	1145	127	1412
Sawing-machine. Band.....	L. J. Hanhart.....	871,119	Nov. 19	2007	547-8	131	705
Sawing-machine. Mortise and tenon.....	J. E. Erickson.....	851,123	Apr. 23	4803	1011-12	127	2922
Sawing-machine. Self-feeding.....	J. A. Meeks and F. C. Kaiser.....	873,575	Dec. 10	2604	549	131	1618
Sawing-machine. Shingle.....	D. Girtman.....	861,171	July 23	4390	1205	129	1542
Sawing-machine. Stump.....	R. Webb.....	856,826	June 11	2707	559-60	128	2414
Sawing-machine. Wood.....	T. L. Curtright.....	862,886	Aug 13	1287	349	129	2513
Sawing-machines. Oblique feeding attachment for.....	J. B. Carr and F. M. Schmitt.....	848,158	Mar. 26	4904	1070	127	1325
Sawing machines. Self-feed for mortise and tenon.....	J. E. Erickson.....	854,410	May 21	4111	851-2	128	1123
Sawing quartered timber. Device for.....	A. S. Frosd.....	851,083	Apr. 23	4738	997-8	127	2907
Sawdust-blower.....	G. T. Kerins and E. G. Naylor.....	865,394	Sept. 10	989	283	130	329
Sawdust-drier.....	C. E. Smith.....	842,916	Feb. 5	146	33	126	1828

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Sawmill.	T. S. Wilkin.	872,038	Nov. 26	4007	962	131	1039
Sawmill-carriage.	D. Crane.	849,601	Apr. 9	1958	401	127	2122
Sawmill-feed.	R. L. Woodruff.	869,821	Oct. 29	4114	1136	130	2670
Sawmill feed mechanisms. Belt-tightener for.	N. H. Warnock.	850,698	Apr. 16	4020	840	127	2688
Sawmill-gage.	A. M. Dow.	861,096	July 23	4288	1177	129	1508
Saw mill. Gang.	W. M. Wilkin.	869,537	Oct. 29	3666	1005	130	2537
Sawmill log-dog.	G. Grant and W. T. Newton.	871,795	Nov. 26	3434	843	131	957
Sawmill set-works.	F. H. Grove.	843,451	Feb. 5	1203	253-4	126	2092
Sawmill set-works.	A. C. Osborn.	857,663	June 25	4310	910	128	2887
Sawmill set-works.	A. Cunningham.	869,627	Oct. 29	3823	1047	130	2584
Sawmill set-works.	P. J. Bogle and M. C. Anderson.	873,012	Dec. 10	1481	308	131	1430
Sawmill set-works.	J. Robinson.	874,899	Dec. 24	5275	1111	131	2117
Sawmill track-sweeper.	E. Hoops.	841,522	Jan. 15	3474	749	126	975
Sawmills. Cable-feed mechanism for.	A. Harrold.	868,087	Oct. 15	1374	384-5	130	1775
Sawyer. Steam.	S. V. Abrego.	849,958	Apr. 9	2601	540	127	2286
Scabbling-machine.	J. M. and M. H. Owens.	846,342	Mar. 5	1237	272-3	127	312
Scaffold.	C. E. Lillow.	840,636	Jan. 8	1711	376-7	126	482
Scaffold.	D. P. Chesebro.	841,932	Jan. 22	4294	926	126	1213
Scaffold.	J. V. Palmer.	842,331	Jan. 29	5133	1091	126	1455
Scaffold.	N. S. Davis.	846,784	Mar. 12	2142	470	127	575
Scaffold.	G. Bonenberger.	847,275	Mar. 12	3102	683	127	812
Scaffold.	F. R. Dudley.	860,359	July 16	3133	858	129	1100
Scaffold.	D. Flatley.	863,708	Aug. 20	2515	694	129	2932
Scaffold.	W. Sims.	866,078	Sept. 17	2079	579	130	710
Scaffold. Adjustable.	W. J. Murray.	854,959	May 28	5203	1084	128	1428
Scaffold attachment. Swinging.	W. B. Stoops.	854,253	May 21	3831	792	128	1051
Scaffold-bracket. Adjustable.	J. J. Dennis.	853,344	May 14	1987	410	128	543
Scaffold-bracket. Folding.	F. F. Haskell.	854,163	May 21	3655	755	128	1002
Scaffold. Bricklayer's.	A. J. Hensley.	864,303	Aug. 27	3419	951	129	3239
Scaffold-jack.	E. D. Hunt and A. C. James.	874,362	Dec. 17	4215	887	131	1910
Scaffold or trestle.	G. Bonenberger.	865,858	Sept. 10	1735	483	130	574
Scaffold-support.	E. McCoy and C. H. II. Wheeler.	856,084	June 4	1206	255	128	1997
Scaffold-support.	D. F. Luke.	872,187	Nov. 26	4298	1026	131	1088
Scaffold-trestle. Adjustable.	H. J. Whipperman.	871,465	Nov. 19	2785	701	131	822
Scaffold. Window.	N. Aubuchon.	869,127	Oct. 22	3009	831	130	2306
Scaffolding.	R. M. Seabee.	852,141	Apr. 30	6933	1448	127	3489
Scaffolding.	G. E. Humphries.	867,274	Oct. 1	66	20	130	1334
Scaffolding and the like supporting bracket.	E. Lorenz.	850,662	Apr. 16	3949	825	127	2672
Scaffolding-bracket.	G. E. Humphries.	873,129	Dec. 10	1724	360	131	1470
Scaffolding-bracket. Folding.	W. A. Smyrk.	841,733	Jan. 22	3883	842	126	1110
Scaffolding for roofs. Portable or temporary.	H. Nantel.	859,241	July 9	1434	382	129	517
Scaffolding-support.	C. A. Foster.	872,335	Dec. 3	33	7	131	1174
Scalder and washer.	E. J. Judge and L. C. Dibert.	847,781	Mar. 19	4145	905	127	1103
Scale.	A. De Vilbiss, Jr.	841,854	Jan. 22	4153	895	126	1183
Scale.	J. H. Milburn.	852,281	Apr. 30	7173	1506	127	3550
Scale.	H. F. Shaw.	853,903	May 14	3115	638	128	830
Scale.	F. A. Selley.	854,609	May 21	4480	934	128	1213
Scale.	W. Buschmann.	855,754	June 4	606	125	128	1851
Scale.	F. P. Dunn.	856,998	June 11	3031	638	128	2494
Scale.	M. M. Schwartz.	857,416	June 18	3825	811	128	2734
Scale.	C. H. Hapgood.	860,541	July 16	3405	936	129	1190
Scale.	E. Gazley.	865,883	Sept. 10	1769	492	130	584
Scale.	D. J. Holliger.	867,729	Oct. 8	761	213	130	1565
Scale.	O. L. Gordon.	872,119	Nov. 26	4166	995	131	1066
Scale.	F. F. Wear.	872,486	Dec. 3	358	73	131	1223
Scale and chord circle.	A. R. Fitch.	854,572	May 21	4417	916-17	128	1198
Scale and producing iron sulfate. Electrolytically removing.	C. J. Reed.	855,667	June 4	422	-----	128	1802
Scale. Automatic.	W. E. Burks.	850,729	Apr. 16	4066	850	127	2698
Scale. Automatic grain.	T. J. Young.	875,402	Dec. 31	6318	1317-18	131	2305
Scale. Automatic weighing.	N. Nilson.	842,576	Jan. 29	5664	1198	126	1593
Scale. Automatic weighing.	N. Nilson.	842,688	Jan. 29	5937	1251-2	126	1661
Scale-bearing.	J. L. Good.	843,009	Feb. 5	333	72	126	1874
Scale chart. Computing.	G. M. Ludlow.	870,568	Nov. 12	1092	299-300	131	386
Scale. Computing.	F. E. Gabbert.	852,552	May 7	345	62	128	94
Scale. Computing.	T. C. Prouty.	862,937	Aug. 13	1356	370	129	2535
Scale. Computing.	H. B. Sherwood and O. B. Blankenship.	866,690	Sept. 24	2970	842	130	1019
Scale. Computing.	L. C. Wetzel.	866,992	Sept. 24	3430	972	130	1170
Scale. Computing.	O. O. Ozias and J. Hopkinson.	867,671	Oct. 8	675	190-1	130	1538
Scale. Computing.	O. O. Ozias.	870,582	Nov. 12	1110	303-4	131	392
Scale-connector.	J. Ostlund and W. Sandberg.	872,964	Dec. 3	1351	285	131	1379
Scale for dividing circles into equal parts.	O. Gazel.	861,103	July 23	4303	1181	129	1514
Scale-lever.	J. B. Paige.	858,014	June 25	5054	1069	128	3074
Scale-loops. Making.	G. A. Burbank and C. B. Carr.	869,135	Oct. 22	3022	835	130	2310
Scale. Pitless weighing.	D. M. Orcutt.	842,418	Jan. 29	5335	1131	126	1513
Scale. Platform.	M. H. Reed.	873,168	Dec. 10	1799	377-8	131	1482
Scale-rack. Adjustable.	C. W. Worthington.	858,316	June 25	5613	1202	128	3216
Scale. Railway-track.	W. N. Gilbert.	856,248	June 11	1560	327	128	2122
Scale-recorder.	F. B. Hays.	839,841	Jan. 1	70	17	126	20
Scale. Refrigerator weighing.	F. D. West.	867,327	Oct. 1	146	43-4	130	1358
Scale. Rolling-mill.	M. Maurer.	873,879	Dec. 17	3213	684-5	131	1752
Scale. Spring.	G. Walker.	846,880	Mar. 12	2343	516	127	627
Scale. Spring.	M. H. Hansen.	848,740	Apr. 2	239	48	127	1647
Scale. Track.	J. A. Rishel.	852,980	May 7	1254	258-9	128	319
Scale. Vehicle.	Z. T. Gragg.	866,017	Sept. 17	1976	551	130	678
Scale. Wagon.	J. F. Hinck and J. L. Larsen.	861,176	July 23	4400	1208-9	129	1545
Scale. Weighing.	A. W. Barnard.	842,131	Jan. 22	4682	1004-5	126	1307
Scale. Weighing.	G. Walker.	850,508	Apr. 16	3641	761-2	127	2591
Scale. Weighing.	A. Chronik.	853,770	May 14	2834	583	128	762
Scale. Weighing.	T. Gagnon.	854,285	May 21	3890	802	128	1066
Scale. Weighing.	W. H. Sargent.	859,695	July 9	2132	575	129	742
Scale. Weighing.	E. Sutherland.	864,437	Aug. 27	3626	1008	129	3306
Scale. Weighing.	B. F. Crary.	871,056	Nov. 12	1986	516-17	131	640
Scales. Poise for railway and other.	E. Betz.	859,730	July 9	2177	589	129	757
Scales. Printing or registering beam for weighing.	E. Betz.	859,729	July 9	2175	588	129	756

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Scaling-machine.....	G. J. Capewell.....	871,257	Nov. 19	2311	603-4	131	751
Scalp-applicator.....	E. Kromayer.....	858,995	July 2	1071	281	129	365
Scalp-treating apparatus.....	R. E. Beaubien.....	861,349	July 30	4702	1284	129	1680
Scalper, excavator, road-roller, and locomotive. Combined.....	C. J. Van Buren.....	872,159	Nov. 26	4238	1011-12	131	1079
Scarf-holder.....	C. W. Seidenspinner.....	871,072	Nov. 12	1906	522	131	646
Scarf-pin-securing device.....	A. and B. Rainess.....	875,379	Dec. 31	6271	1308	131	2298
Scarfing-machine.....	C. F. Stackpole.....	857,682	June 25	4350	920	128	2897
Scenery.....	J. M. Leavitt.....	848,180	Mar. 26	4940	1079	127	1335
Scenery. Theatrical.....	L. J. Carter.....	843,583	Feb. 12	1505	319	126	2206
Scenery. Theatrical.....	E. S. Cameron.....	848,880	Apr. 2	573	114-15	127	1736
Scholar's companion.....	A. Foster.....	844,114	Feb. 12	2482	533	126	2442
Scissors.....	E. Holtgrave.....	841,690	Jan. 22	3807	829	126	1091
Scissors.....	E. C. Higgins.....	843,209	Feb. 5	769	158	126	1990
Scissors.....	M. E. Hultquist.....	845,644	Feb. 26	5801	1226	126	3348
Scissors.....	A. T. Eklund.....	850,632	Apr. 16	3901	813	127	2658
Scissors.....	J. Feinenburg.....	864,962	Sept. 3	322	86	130	102
Scissors.....	A. Westerdahl.....	869,949	Nov. 5	107	29	131	36
Scissors.....	J. Feinenburg.....	870,161	Nov. 5	443	122	131	145
Scissors-holding device.....	E. B. Toll.....	861,408	July 30	4811	1319	129	1713
Scissors or shears.....	T. S. Sayre.....	867,607	Oct. 8	585	166	130	1512
Scissors. Pocket-tool.....	F. W. Klever.....	858,003	June 25	5030	1062	128	3068
Scoop.....	F. C. Howe.....	840,940	Jan. 8	2315	509	126	631
Scoop.....	F. C. Howe.....	840,941	Jan. 8	2317	509	126	631
Scoop.....	J. C. S. and H. R. Rumsey.....	866,736	Sept. 24	3047	850	130	1051
Scoop.....	A. C. Gough.....	374,001	Dec. 17	3444	732-3	131	1791
Scoop.....	P. Neddoo.....	872,961	Dec. 3	1346	284	131	1378
Scoop and scale. Combination.....	T. T. Ellis.....	873,850	Dec. 17	3169	674	131	1743
Scoop and shovel grip.....	C. J. Rundell.....	842,912	Feb. 5	141	31	126	1827
Scoop-board.....	W. T. Roney.....	845,480	Feb. 26	5503	1165	126	3275
Scoop frame. Hop.....	J. N. Hoffman.....	860,746	July 23	3744	1025	129	1331
Scoop-handle.....	H. D. Clark.....	875,504	Dec. 31	6516	1359	131	2337
Scoop. Lard.....	H. L. Adams and L. O. Wells.....	874,277	Dec. 17	4053	856	131	1882
Score-tablet for games.....	J. C. Patterson.....	852,031	Apr. 30	6732	1399	127	3440
Scouring-machine.....	W. L. Jacobs.....	869,712	Oct. 29	3954	1091	130	2623
Scouring-machine.....	E. Ketzler.....	872,823	Dec. 3	1058	222	131	1334
Scouring-table.....	G. Bernhardt.....	858,945	July 2	988	257	129	339
Scouring-wheel or the lik.....	C. A. L. Saunders.....	864,923	Sept. 3	255	67-8	130	81
Scows or bins. Door-closing means for.....	F. Hayes.....	868,662	Oct. 22	2297	638	130	2086
Scrap-bundling machine.....	D. B. Marwick.....	851,179	Apr. 23	4937	1038	127	2956
Scraper.....	J. A. Traut.....	842,275	Jan. 29	5007	1069	126	1421
Scraper.....	B. R. Wheeler.....	845,283	Feb. 26	5106	1083	126	3178
Scraper.....	T. Booth.....	857,226	June 18	3469	732	128	2645
Scraper.....	J. E. Culver.....	857,269	June 18	3552	752	128	2666
Scraper.....	L. G. Haase.....	864,966	Sept. 3	326	87	130	104
Scraper.....	H. J. Bickle.....	866,615	Sept. 24	2849	803-4	130	985
Scraper and dump-wagon. Combined shovel.....	C. F. Thomas and E. Schmitt.....	848,508	Mar. 26	5587	1220-1	127	1493
Scraper and lever. Road.....	R. A. Dinsmore.....	861,576	July 30	5064	1389	129	1792
Scraper and regulator.....	J. H. and G. B. Young.....	842,742	Jan. 29	6060	1277	126	1691
Scraper-coupling.....	J. Engebretsen.....	846,652	Mar. 12	1896	416-17	127	513
Scraper-coupling.....	J. Engebretsen.....	846,653	Mar. 12	1898	417	127	513
Scraper. Culinary.....	G. M. Hogmire.....	874,592	Dec. 24	4686	985	131	2017
Scraper. Culinary.....	W. A. Johnston.....	875,435	Dec. 31	6386	1331	131	2315
Scraper. Dirt.....	A. C. Fields.....	860,203	July 16	2898	792	129	1021
Scraper. Disk.....	W. E. Wilhelm.....	873,142	Dec. 10	1746	366	131	1474
Scraper for ground-working disks.....	E. Christman and D. A. Moon.....	866,622	Sept. 24	2863	808-9	130	990
Scraper. Fork.....	R. C. Miner and H. L. Fitch.....	845,700	Feb. 26	5916	1250	126	3377
Scraper-pan bit.....	W. S. Livengood.....	872,439	Dec. 3	256	52	131	1208
Scraper. Revolving drag.....	J. Butler.....	841,929	Jan. 22	4291	925	126	1212
Scraper. Road.....	C. H. Lyons.....	870,516	Nov. 5	1013	276	131	326
Scraper. Road.....	E. P. Scholl.....	871,639	Nov. 19	3123	775	131	877
Scraper. Road.....	H. Muckey and E. Robertson.....	872,667	Dec. 3	734	152-3	131	1283
Scraper. Roll.....	W. I. Hill.....	861,981	July 30	5677	1575	129	1977
Scraper. Wheel.....	C. W. Goodman.....	864,640	Aug. 27	3977	1103-4	129	3415
Scraper. Wheeled.....	J. S. Norris.....	849,013	Apr. 2	790	162	127	1788
Scraper. Wheeled.....	A. S. Rowsey.....	860,994	July 23	4149	1136-7	129	1464
Scraping-machine. Manual.....	H. W. Blaisdell.....	864,151	Aug. 27	3198	885	129	3170
Scraping-machine. Manual.....	H. W. Blaisdell.....	867,003	Sept. 24	3448	976-7	130	1177
Screen.....	W. S. G. Todd.....	840,973	Jan. 8	2368	520	126	645
Screen.....	C. R. Allen.....	843,785	Feb. 12	1868	399	126	2296
Screen.....	M. S. Clark.....	846,907	Mar. 12	2399	527	127	639
Screen.....	F. Mikesell, Jr.....	849,154	Apr. 2	1099	221	127	1870
Screen.....	J. A. Grant.....	855,769	June 4	631	129	128	1856
Screen.....	A. Bufo.....	856,221	June 11	1496	315	128	2105
Screen.....	W. R. Cunningham.....	858,706	July 2	596	157	129	206
Screen.....	F. M. Kepler.....	862,644	Aug. 6	912	245	129	2366
Screen.....	C. Bauer.....	866,835	Sept. 24	3195	898-9	130	1098
Screen.....	J. L. Mallory.....	869,315	Oct. 29	3314	911	130	2429
Screen-catch.....	F. K. Huber.....	850,935	Apr. 23	4475	937	127	2842
Screen device. Insect.....	T. J. and W. W. Hubbard.....	859,385	July 9	1669	444	129	593
Screen-handle fastener.....	M. and C. Murray.....	869,505	Oct. 29	3622	993	130	2523
Screen-hanger.....	H. B. Higgins.....	850,369	Apr. 16	3373	705	127	2523
Screen-house. Portable.....	H. Wingren.....	849,709	Apr. 9	2144	441	127	2168
Screen mechanism. Rotary.....	W. C. Matthias.....	869,720	Oct. 29	3968	1096-7	130	2627
Screen or grating.....	M. Levy.....	875,191	Dec. 31	5906	1231	131	2239
See Cistern-screen.....	Rotary screen.....						
Clay-screen.....	Shaking-screen.....						
Door and window screen.....	Swinging screen.....						
Vehicle-screen.....	Vehicle-screen.....						
Eaves-trough screen.....	Well-screen.....						
Fire-screen.....	Window-screen.....						
Fly-screen.....	Window and door screen.....						
Grain-screen.....	Wire screen.....						
Knockdown screen.....							
Metallic screen.....							

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Screen-plate fastening. Pulp.....	C. Jentz.....	859,228	July 9	1416	376	129	511
Screen sizing and separating machinery.....	J. M. Callow.....	864,827	Sept. 3	96	26-7	130	33
Screen sizing and separating machinery.....	J. M. Callow.....	864,828	Sept. 3	98	27-8	130	32
Screen sizing and separating machinery.....	J. M. Callow.....	864,829	Sept. 3	101	28-9	130	33
Screens. Fly-escapement for window and door.....	J. A. Gee.....	845,941	Mar. 5	446	92	127	115
Screens. Fly-exit for window and door.....	W. H. Phillips and O. G. Williams.....	853,419	May 14	2113	440	128	574
Screens. Rotary-die machine for making slotted.....	T. C. Walker, Jr.....	856,560	June 11	2215	456	128	2289
Screening collector and separator.....	L. Lockwood.....	868,675	Oct. 22	2322	643-4	130	2095
Screening-machine.....	W. A. Kidney.....	859,669	July 9	2090	564-5	129	730
Screw.....	T. E. R. Phillips.....	842,242	Jan. 29	4943	1054	126	1405
Screw.....	J. H. Claiborne, Jr.....	846,981	Mar. 12	2539	559	127	677
Screw.....	F. W. Braunschweig.....	848,003	Mar. 26	4662	1016	127	1264
Screw.....	R. S. Matheson.....	848,914	Apr. 2	634	127	127	1750
Screw.....	W. B. Jackson and W. Burnett.....	863,183	Aug. 13	1752	470	129	2662
Screw.....	J. Sternaman, Jr.....	870,059	Nov. 5	291	80	131	99
Screw adjustments. Locking device for.....	J. M. Smith.....	864,706	Aug. 27	4083	1134	129	3447
Screw-clamp.....	J. L. Taylor.....	867,622	Oct. 8	609	172	130	1520
Screw-clamp.....	A. N. Verdin.....	875,302	Dec. 31	6111	1275	131	2272
Screw-cutting die and holder therefor.....	A. J. Smart.....	871,451	Nov. 19	2755	695	131	817
Screw-cutting machine.....	C. Vogelsang.....	852,641	May 7	537	102	128	141
Screw-cutting machine.....	R. McCarty.....	869,928	Nov. 5	73	22	131	25
Screw-cutting tool.....	E. E. Beck.....	840,899	Jan. 8	2227	490	126	610
Screw-driver.....	C. E. Hoffman.....	847,774	Mar. 19	4134	903	127	1100
Screw-driver.....	J. A. Zeman.....	861,010	July 23	4172	1143	129	1471
Screw-driver.....	M. Garratt.....	862,244	Aug. 6	221	60	129	2151
Screw-driver.....	J. Lunoe.....	866,594	Sept. 17	2820	790	130	944
Screw-driver.....	L. B. Hopkins.....	870,034	Nov. 5	254	70	131	88
Screw-driver.....	G. E. Wood.....	871,154	Nov. 19	2097	563	131	716
Screw-driver.....	C. H. Chappelle.....	873,296	Dec. 10	2044	427	131	1523
Screw-driver.....	J. McCoy.....	873,771	Dec. 17	2988	633	131	1716
Screw - driver and combined tool - holder. Inter-changeable and adjustable.....	V. E. Campbell.....	855,280	May 28	5854	1220	128	1593
Screw-driver attachment.....	F. D. Rappelee.....	845,978	Mar. 5	523	108	127	135
Screw-driver. Magazine.....	L. S. Starrett.....	873,625	Dec. 10	2697	570	131	1634
Screw-driver. Ratchet.....	B. F. Foss.....	873,363	Dec. 10	2194	458	131	1547
Screw-driver. Removable-blade.....	S. G. North.....	842,107	Jan. 22	4630	993	126	1293
Screw-driving machine.....	F. W. Sanford.....	873,900	Dec. 17	3247	693	131	1758
Screw-eye driver.....	H. C. Rhoads.....	855,905	June 4	905	188	128	1922
Screw-fed machine.....	O. Thomas and G. Blackwell.....	845,379	Feb. 26	5302	1124	126	3225
Screw-gage and the like.....	F. B. Fischer.....	843,265	Feb. 5	880	180	126	3011
Screw-holder for drivers.....	T. J. Fegley and G. O. Leopold.....	864,633	Aug. 27	3966	1101	129	2417
Screw. Jack.....	W. Ferris and S. R. W. Bager.....	845,770	Mar. 5	75	15	127	23
Screw lock. Set.....	H. C. Werner.....	858,241	June 25	5488	1171	128	3186
Screw-machine.....	G. T. Warwick.....	842,282	Jan. 29	5021	1071-3	126	1425
Screw-machine.....	W. H. Gates.....	851,742	Apr. 30	6092	1273-4	127	3276
Screw-machine.....	G. H. Newton.....	857,893	June 25	4765	1011-13	128	3000
Screw-machine threading mechanism.....	J. English.....	870,499	Nov. 5	953	268-9	131	819
Screw-placer and driver.....	C. M. Spencer.....	869,989	Nov. 5	184	48	131	65
Screw-press for molding tablets.....	R. N. Brothers.....	859,282	July 9	1492	398	129	535
Screw. Safety set.....	H. Endemann.....	857,043	June 18	3121	658	128	2556
Screw-spanner.....	C. E. Hoffman.....	869,086	Oct. 22	2954	815	130	2290
Screw-thread-cutting device.....	J. G. F. Lund.....	869,443	Oct. 29	3519	966	130	2491
Screw-thread-cutting die.....	C. Winckelmann.....	861,567	July 30	5048	1386	129	1787
Screw-thread-cutting machine.....	F. D. Randall.....	853,596	May 14	2463	513	128	665
Screw-threading dies. Mechanism for finishing.....	J. Hartness.....	872,728	Dec. 3	866	179-80	131	1303
Screw-threading machine.....	E. E. Beck.....	845,741	Mar. 5	10	2	127	5
Screw-threading machine.....	J. O. Dixon.....	863,515	Aug. 13	2229	603	129	2810
Screw-threading machine.....	F. H. McLain.....	866,953	Sept. 24	3371	953-4	130	1153
Screw-threading plate.....	J. B. Platt.....	866,300	Sept. 17	2400	669-70	130	811
Screw-wrench.....	W. H. Litzenger and L. A. Tornquist.....	855,714	June 4	512	106	128	1826
Screws. Automatic feeding mechanism for temper.....	R. C. Jones.....	852,120	Apr. 30	6890	1439-40	127	3478
Scribe-gage.....	G. Cousino.....	854,333	May 21	3965	819	128	1087
Scriber and pencil-holder. Combined.....	T. B. Stephenson.....	850,189	Apr. 16	3035	634	127	2432
Scribing device.....	M. Morton and H. Mann.....	848,193	Mar. 26	4966	1086	127	1341
Scrubber and mop. Combined.....	F. S. Thomas.....	871,246	Nov. 19	2292	599	131	748
Scrubber or cleaner.....	W. B. Rohmer.....	843,236	Feb. 5	815	168	126	2001
Scrubbing and cleaning device.....	A. J. Van Drake.....	845,493	Feb. 26	5523	1170	126	3279
Scrubbing-machine.....	P. H. Apple.....	870,335	Nov. 5	734	197	131	240
Scrubbing-machine.....	T. McCabe and J. J. Rauch.....	870,454	Nov. 5	919	249-50	131	301
Sculpturing-machine.....	A. Bontempi.....	871,668	Nov. 19	3171	786-7	131	886
Scythe-blade attachment.....	C. A. Mehaffey.....	854,051	May 21	3426	706	128	945
Scythe-snath-bending machine.....	A. Towe.....	841,357	Jan. 15	3164	680-1	126	894
Seal.....	L. A. Foote.....	840,125	Jan. 1	690	147	126	188
Seal.....	C. E. Whitmore.....	840,539	Jan. 8	1518	336	126	434
Seal.....	L. A. Brown.....	848,879	Apr. 2	572	114	127	1735
Seal.....	G. H. Huising.....	865,043	Sept. 3	440	118	130	133
Seal.....	T. J. O'Brien.....	866,507	Sept. 17	2684	750	130	905
Seal.....	F. V. Brooks.....	867,699	Oct. 8	716	200	130	1552
Seal.....	G. H. Huising.....	871,872	Nov. 26	3618	883	131	984
Seal.....	A. B. Schofield.....	873,618	Dec. 10	2686	567	131	1632
Seal and fastener. Combined package.....	F. J. Lerch and R. M. Kerr.....	872,357	Dec. 3	81	16	131	1180
Seal. Automatic.....	A. C. Rosenbrook.....	863,094	Aug. 13	1602	431	129	2613
Seal-bolt.....	J. B. Orbison, F. C. Kingsbury, and A. J. Pray.....	853,727	May 14	2754	566	128	741
Seal. Bottle.....	C. G. Hawley.....	846,744	Mar. 12	2060	452	127	553
Seal. Bottle.....	A. G. Kaufman.....	856,158	June 4	1368	288	128	2038
Seal. Bottle.....	E. D. Schmitt.....	856,304	June 11	1685	349	128	2154
Seal. Bottle.....	K. C. Gillette.....	856,400	June 11	1916	394	128	2214
Seal. Bottle.....	L. E. Hendrickson.....	862,735	Aug. 6	1055	285	129	2407
Seal. Bottle.....	E. D. Schmitt.....	864,697	Aug. 27	4072	1131	129	3444
Seal. Bottle.....	L. Bartlett.....	867,902	Oct. 8	1047	297	130	1652
Seal. Bottle.....	L. Bartlett.....	867,903	Oct. 8	1048	297	130	1653
Seal. Bottle.....	L. Bartlett.....	867,904	Oct. 8	1049	298	130	1653
Seal. Car-door.....	C. Columbus.....	840,434	Jan. 1	1308	238	126	342
Seal. Car-door.....	J. Holmer.....	867,133	Sept. 24	3647	1036	130	1232

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Seal. Electrical-socket.....	L. T. Hatfield.....	863,847	Aug. 20	2734	752	129	3002
Seal for bottles. Frangible.....	F. T. Robinson.....	854,844	May 28	4972	1034	128	1368
Seal for boxes.....	E. J. Brooks.....	847,276	Mar. 12	3103	684	127	813
Seal-lock.....	A. Boal.....	851,644	Apr. 30	5896	1232	127	3226
Seal-lock.....	A. D. Bentley.....	855,086	May 28	5492	1139	128	1502
Seal-lock.....	L. B. Edgar.....	863,025	Aug. 13	1489	404	129	2578
Seal-lock.....	J. A. Wilkinson.....	869,761	Oct. 29	4026	1111	130	2644
Seal-lock.....	E. Tyden.....	874,712	Dec. 24	4932	1036	131	2058
Seal-lock.....	H. B. Mackintosh.....	875,087	Dec. 31	5705	1189	131	2205
Seal. Metallic envelop.....	A. Schorno.....	857,908	June 25	4803	1019	128	3009
Seal-press.....	G. H. Huising.....	847,776	Mar. 19	4136	903	127	1100
Seal-press. Cording and wiring.....	E. J. Brooks.....	844,095	Feb. 12	2446	523	126	2436
Seal. Self-locking.....	W. F. Harris.....	848,462	Mar. 26	5504	1199	127	1475
Seal. Self-locking.....	W. F. Harris.....	853,240	May 14	1757	366	128	477
Seal. Shackle.....	L. S. Flatau.....	862,149	Aug. 6	45	12	129	2095
Seal. Spring-lock.....	J. C. Davis.....	846,093	Mar. 5	769	160	127	196
Seal trap. Liquid.....	T. W. Goreau.....	847,468	Mar. 19	3505	767	127	943
Seals. Applying bottle.....	E. D. Schmitt.....	856,917	June 11	2875	602	128	2453
Sealing and stamping machine. Envelop.....	L. M. Nielsen.....	859,830	July 9	2317	630-1	129	804
Sealing and stamping machine. Letter.....	J. N. Stacy.....	852,003	Apr. 30	6634	1381-2	127	3415
Sealing apparatus. Package.....	J. H. Tuttle.....	848,706	Apr. 2	171	37	127	1630
Sealing apparatus. Package.....	C. B. Frost.....	848,735	Apr. 2	232	46	127	1646
Sealing apparatus. Package.....	C. B. Frost.....	848,892	Apr. 2	599	119	127	1742
Sealing apparatus. Vacuum.....	J. A. Landsberger and W. C. Buhles.....	842,320	Jan. 29	5105	1086	126	1447
Sealing apparatus. Vacuum.....	W. A. Lorenz.....	866,663	Sept. 24	2929	828	130	1005
Sealing bottles, jars, and other receptacles. Machine for.....	J. V. Hull.....	874,201	Dec. 17	3905	822-3	131	1857
Sealing-cap for packages.....	O. Magnussen.....	858,523	July 2	275	68	129	98
Sealing-cap. Metal.....	C. C. Parker.....	855,198	May 28	5707	1188	128	1554
Sealing cap. Receptacle.....	W. E. Heath.....	875,074	Dec. 31	5675	1184	131	2200
Sealing-closure for vessels.....	G. T. Reed.....	843,845	Feb. 12	1985	425	126	2324
Sealing device.....	M. G. De Wolf.....	845,619	Feb. 26	5739	1214-15	126	3333
Sealing device. Bottle.....	F. W. Hall.....	857,619	June 25	4234	895	128	2868
Sealing device. Bottle.....	W. Bailey.....	865,004	Sept. 3	381	103	130	127
Sealing device. Box.....	J. L. Burton.....	862,050	July 30	5761	1600	129	2004
Sealing device. Package.....	C. B. Frost.....	848,734	Apr. 2	229	46	127	1645
Sealing-in machine.....	M. H. Branim.....	871,097	Nov. 12	1959	537	131	662
Sealing jars and the like. Ring for.....	W. B. Fenn.....	843,740	Feb. 12	1789	381	126	2276
Sealing-machine.....	C. F. Davis.....	865,362	Sept. 10	939	269-70	130	310
Sealing machine. Bottle.....	E. T. Ryan.....	867,213	Sept. 24	3788	1070	130	1282
Sealing machine. Envelop.....	W. B. Spencer.....	842,264	Jan. 29	4983	1064	126	1415
Sealing machine. Envelop.....	F. H. Dunlap.....	861,955	July 30	5640	1563-4	129	1967
Sealing machines. Sealing-head for bottle.....	E. D. Schmitt.....	867,214	Sept. 24	3791	1070	130	1281
Sealing metal in glass.....	G. H. Meeker.....	850,029	Apr. 9	2704	568	127	2310
Sealing metal in glass.....	G. H. Meeker.....	872,530	Dec. 3	460	95	131	1237
Sealing metal receptacles for food. Device for hermetically.....	G. Farquhar and R. North.....	856,688	June 11	2460	506	128	2351
Seam.....	S. Borton.....	844,320	Feb. 19	2939	626	126	2600
Seam-dampener.....	A. M. Torrance.....	865,827	Sept. 10	1693	470	130	562
Seam-dampener.....	H. A. Twigg.....	870,807	Nov. 12	1495	408	131	518
Seam-dampening machine.....	C. H. Mattice.....	851,641	Apr. 23	5660	1185	127	3135
Seam for sewed articles.....	J. T. Dowdall.....	842,184	Jan. 29	4824	1029	126	1376
Seam for uniting materials.....	J. C. Ivory.....	857,465	June 18	3912	832	128	2755
Seam opener. Sheet-metal.....	J. P. Powers and W. J. Boyd.....	859,838	July 9	2341	636	129	811
Seaming-machine.....	O. S. Beyer.....	871,855	Nov. 26	3565	872-4	131	978
Seaming-machine.....	O. S. Beyer.....	871,856	Nov. 26	3571	875-6	131	978
Seaming-machine.....	O. S. Beyer.....	871,857	Nov. 26	3580	876-8	131	979
Seaming machine. Butt.....	C. L. Turner.....	875,137	Dec. 31	5801	1210-11	131	2221
Seaming machine. Can.....	E. F. Datow.....	855,287	May 28	5866	1222-3	128	1596
Seaming machine. Can-body-side.....	G. C. H. Walsh.....	845,988	Mar. 5	543	113-15	127	140
Seaming machine. Double.....	H. W. Weber.....	866,102	Sept. 17	2118	589	130	722
Seaming machine. Lock.....	A. D. Coleman and C. Stecher.....	854,872	May 28	5045	1049-51	128	1387
Seaming machine. Pipe.....	W. F. Norman.....	857,750	June 25	4492	948	128	2933
Seaming together the edges of sheet-metal sections. Machine for.....	A. G. Scherer.....	848,053	Mar. 26	4739	1033	127	1284
Search-light. Portable.....	J. Dickens.....	864,957	Sept. 3	311	83	130	99
Seasoning-machine.....	F. F. Howe.....	873,238	Dec. 10	1920	403	131	1504
Seat:							
See Automobile folding seat.....	Pole-seat.						
Reel-seat.							
Bicycle-seat.	Reversible seat.						
Buggy-seat.	Spring-seat.						
Car-seat.	Timber-seat.						
Carriage-seat.	Toilet-seat.						
Chair-seat.	Valve-seat.						
Closet-seat.	Vehicle-seat.						
Knockdown seat.	Vehicle third seat.						
Nursery-seat.	Wagon-seat.						
Piano-seat.	Water-closet seat.						
Seat.....	J. L. Zane.....	849,451	Apr. 9	1644	333	127	2045
Seat.....	A. B. McLean.....	859,967	July 16	2539	689	129	904
Seat.....	H. G. Barrett.....	865,327	Sept. 3	871	250	130	264
Seat attachment. Spring.....	E. Anderson.....	853,616	May 14	2519	522	128	681
Seat-back for drivers' seats.....	R. H. Yale.....	839,976	Jan. 1	349	77	126	95
Seat-back support.....	B. F. Fortiner.....	849,604	Apr. 9	1965	402	127	2123
Seat-corner.....	E. L. Forsgren.....	844,586	Feb. 19	3724	783	126	2787
Seat end.....	E. G. Budd.....	849,596	Apr. 9	1951	399	127	2120
Seat-guard-locking device.....	S. E. Jackman.....	869,848	Oct. 29	4151	1146	130	2681
Seat-removing apparatus.....	L. C. McAdams.....	845,008	Feb. 19	4542	968	126	2992
Seat-spring.....	C. M. Haeske.....	857,054	June 18	3144	662	128	2564
Seats. Adjustable back for cushion.....	T. J. McNamara, Jr., and G. Krummen.....	855,656	June 4	401	84	128	1797
Secondary battery.....	T. A. Edison.....	850,913	Apr. 23	4435	927	127	2833
Secondary battery.....	T. A. Edison.....	852,424	May 7	26	6	128	9
Secondary battery.....	L. Lyndon.....	852,569	May 7	398	73	128	105

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Secondary or storage battery.....	H. Rodman and G. M. Howard.....	875,213	Dec. 31	5950	131	2246
Section-brake.....	J. Carr.....	850,730	Apr. 16	4070	851	127	2699
Sectional boiler.....	A. Hage.....	843,337	Feb. 5	1019	210	126	2047
Sectional boiler.....	E. M. Bosley.....	859,593	July 9	1975	532-3	129	693
Sectional boiler.....	E. M. Bosley.....	872,495	Dec. 3	374	78	131	1226
Sectional boiler or furnace.....	J. M. W. Kitchen.....	843,612	Feb. 12	1555	329	126	2214
Sectional drier.....	F. G. Wiselogle.....	840,543	Jan. 8	1529	338	126	436
Sectional mold.....	F. G. Steimer.....	851,904	Apr. 30	6413	1339	127	3360
Sectional mold.....	W. M. Dean.....	866,114	Sept. 17	2132	593	130	727
Sectional or compartment can.....	E. W. Carnes.....	853,497	May 14	2272	471	128	616
Sectional stand.....	F. G. Grimler.....	870,429	Nov. 5	888	239	131	292
Sediment-catching pocket for receptacles.....	W. M. Gilbert.....	844,929	Feb. 19	4385	937	126	2953
Seed-cleaning mechanism.....	R. A. Little.....	866,942	Sept. 24	3354	948-9	130	1146
Seed culler. Cotton.....	B. Bowers.....	872,218	Nov. 26	4366	1040	131	1099
Seed-distributor.....	F. R. Packham.....	857,195	June 18	3425	721-2	128	2634
Seed-drill.....	L. E. Roby.....	864,561	Aug. 27	3854	1068-9	129	3378
Seed-drill.....	L. E. Roby.....	864,562	Aug. 27	3857	1069	129	3379
Seed-dropper.....	J. H. Groeters.....	844,932	Feb. 19	4388	938	126	2954
Seed-hull-delinting machine. Cotton.....	W. Oliver.....	854,232	May 21	3797	783-4	128	1042
Seed hulls. Apparatus for treating cotton.....	D. L. Adelsperger.....	850,331	Apr. 16	3288	685	127	2502
Seed hulls. Machine for treating cotton.....	R. G. Latting, Jr.....	844,371	Feb. 19	3034	648	126	2625
Seed huller. Cotton.....	J. C. Gebhart.....	864,128	Aug. 20	3151	872-3	129	3127
Seed-hulling apparatus. Cotton.....	C. Miner.....	848,119	Mar. 26	4845	1058	127	1310
Seed linters. Delinting cotton.....	C. H. Casebolt.....	848,611	Mar. 26	5801	1264	127	1548
Seed-separating apparatus.....	C. Blasco.....	859,194	July 9	1363	361	129	490
Seed-separator.....	W. Meyer.....	857,248	June 18	3506	741	128	2654
Seed-separator.....	E. Thompson.....	871,536	Nov. 19	2938	733	131	845
Seed separator. Cotton.....	M. M. Edwards.....	871,115	Nov. 19	1999	545	131	704
Seed-testing apparatus.....	W. H. Kissel.....	865,502	Sept. 10	1161	330	130	383
Seed. Treatment of cotton.....	I. Kitsee.....	858,075	June 25	5178	1097	128	3106
Seeds and the like. Apparatus for cleaning and separating.....	F. M. Dossor.....	866,848	Sept. 24	3215	904-5	130	1103
Seeds, &c. Cleaning and separating apparatus for.....	F. M. Dossor.....	846,915	Mar. 12	2412	530	127	642
Seeder.....	R. H. Mouser, Jr.....	842,228	Jan. 29	4914	1048	126	1398
Seeder and fertilizer-distributor.....	J. A. Ingram.....	873,130	Dec. 10	1724	360-1	131	1470
Seeder and planter. Check-row.....	W. H. Albert.....	859,536	July 9	1877	504-5	129	661
Seeder and strainer. Fruit.....	M. E. Rickman.....	841,717	Jan. 22	3856	838	126	1103
Seeder. Beet.....	G. H. D. Ross.....	840,713	Jan. 8	1859	410	126	520
Seeders. Automatic feed-regulator for.....	J. R. McHenry.....	868,213	Oct. 15	1550	440	130	1828
Seeding device.....	W. G. Bolus.....	870,488	Nov. 5	967	265	131	314
Seeding implement. Hand.....	E. W. Ferguson.....	849,988	Apr. 9	2648	554	127	2296
Seeding-machine.....	C. P. Sester.....	842,716	Jan. 29	5997	1264-5	126	1675
Seeding-machine.....	L. E. Waterman.....	844,429	Feb. 19	3144	675-6	126	2652
Seeding-machine.....	L. E. Waterman.....	844,639	Feb. 19	3810	806	126	2808
Seeding-machine.....	L. E. Waterman.....	848,790	Apr. 2	351	70	127	1679
Seeding-machine.....	C. P. Sester.....	860,609	July 16	3522	969	129	1228
Seeding-machine.....	C. P. Sester.....	860,610	July 16	3526	969-70	129	1230
Seeding-machine.....	C. P. Sester.....	860,611	July 16	3530	970	129	1231
Seeding-machine.....	F. J. Feldt.....	874,888	Dec. 24	5252	1106	131	2113
Seeding-machine attachment.....	C. P. Sester.....	860,612	July 16	3533	971	129	1231
Seeding-machine. Broadcast.....	F. J. Feldt.....	874,887	Dec. 24	5250	1106	131	2113
Seeding-machine distributor.....	G. P. Oates.....	866,671	Sept. 24	2939	831	130	1010
Seeding-machine. End-gate.....	E. F. Molck.....	847,290	Mar. 12	3125	688-9	127	819
Seeding-machines. Drag-bar hanger for.....	S. E. Davis and T. Brennan, Jr.....	862,812	Aug. 6	1176	317	129	2443
Seesaw.....	P. Hoogerzeil.....	847,002	Mar. 12	2575	566	127	684
Seesaw.....	G. S. Kyle.....	847,787	Mar. 19	4158	907	127	1106
Seesaw.....	J. G. Fouts.....	864,728	Aug. 27	4117	1143	129	3458
Seining-machine.....	W. Larson.....	846,575	Mar. 12	1736	383	127	470
Selenium cell.....	W. J. Hammer.....	866,462	Sept. 17	2629	735	130	886
Self-adjusting wrench.....	G. A. Meyers, Jr.....	852,071	Apr. 30	6794	1415	127	3456
Self-extinguishing burner.....	E. Besenbruch.....	872,105	Nov. 26	4140	990	131	1061
Self-heating iron.....	D. A. Jerald.....	873,942	Dec. 17	3330	710	131	1773
Self-leveling table.....	Q. M. Simpson.....	843,371	Feb. 5	1078	223	126	2063
Self-locking block and pulley.....	G. M. Jensen.....	848,905	Apr. 2	622	124	127	1747
Self-lubricating wheel.....	W. C. Fownes, Jr., and R. J. Gardner.....	875,340	Dec. 31	6199	1292	131	2284
Self-luminous body.....	L. Vanino.....	850,860	Apr. 16	4326	.....	127	2765
Self-oiling wheel.....	F. C. Hockensmith.....	851,354	Apr. 23	5305	1111	127	3048
Self-releasing hook.....	H. J. Summers.....	858,545	July 2	304	76	129	108
Selling and delivering apparatus. Automatic.....	L. O. T. Thompson.....	845,984	Mar. 5	535	111-12	127	138
Selling device. Goods.....	H. H. Blish and G. C. Silzer.....	842,295	Jan. 29	5053	1078	126	1433
Selling-machine. Automatic.....	W. Abel.....	840,281	Jan. 1	992	216-17	126	267
Semaphore. Electric.....	E. L. Orcutt.....	856,095	June 4	1227	259	128	2003
Semaphore safety-alarm.....	G. L. Pettygrove.....	872,843	Dec. 3	1108	232	131	1340
Semaphore-signal.....	F. B. Corey.....	868,648	Oct. 22	2273	630	130	2078
Semaphore-signal. Electrically-controlled.....	H. M. Abernethy.....	852,092	Apr. 30	6831	1424-5	127	3464
Semirotary motor.....	J. E. Rempe.....	856,182	June 4	1410	298	128	2048
Separable coupling.....	C. H. Layng.....	845,654	Feb. 26	5819	1229	126	3351
Separating apparatus. Material.....	A. C. Calkins.....	850,293	Apr. 16	3218	671	127	2482
Separating finely-divided material. Apparatus for.....	A. J. Cook.....	866,626	Sept. 24	2870	811	130	992
Separating-machine.....	F. Stringham.....	865,542	Sept. 10	1235	352	130	403
Separating materials. Apparatus for.....	T. Blass.....	842,614	Jan. 29	5754	1216	126	1616
Separating or grading machine.....	C. F. Shumaker.....	850,447	Apr. 16	3520	736	127	2561
Separating-pot.....	G. Nebel.....	862,008	July 30	5708	1584	129	1987
Separating process and apparatus.....	W. E. Pearse.....	873,326	Dec. 10	2121	442	131	1534
Separating solid particles from each other. Apparatus for.....	A. P. S. Macquisten.....	865,195	Sept. 3	657	186	130	199
Separating solid particles from each other. Apparatus for.....	A. P. S. Macquisten.....	865,260	Sept. 3	754	215	130	229
Separating solids.....	A. P. S. Macquisten.....	865,194	Sept. 3	655	185-6	130	199
Separating the more soluble constituents of a material from the less soluble constituents thereof.....	T. Griswold, Jr.....	863,061	Aug. 13	1532	416-17	129	2591
Separating the more soluble constituents of a material from the less soluble constituents thereof. Means for use in.....	T. Griswold, Jr.....	863,168	Aug. 13	1721	462-3	129	2651
Separation. Electrical.....	H. A. Wentworth.....	859,998	July 16	2599	707-8	129	924

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Separator:							
See Ash-separator.	Grain-separator.						
Beeswax-separator.	Grain and straw separator.						
Butter-separator.							
Carriage-top-bow separator.	Hydraulic separator.						
Centrifugal separator.	Ice-cream separator.						
Coffee-separator.	Liquid-separator.						
Core-separator.	Magnetic separator.						
Corn-separator.	Milk-separator.						
Corn-sheller separator.	Mineral-separator.						
Cotton-separator.	Oil-separator.						
Cranberry-separator.	Oil and water separator.						
Cream-separator.	Ore-separator.						
Dental separator.	Pneumatic separator.						
Dry separator.	Seed-separator.						
Dust-separator.	Shaking-table separator.						
Electromagnetic separator.	Siphon-separator.						
Electrostatic separator.	Smoke-separator.						
Fibrous-material separator.	Steam-separator.						
Gas-separator.	Steam and water separator.						
Gas or steam separator.	Tooth-separator.						
Girder-separator.	Water-separator.						
	Water and gas separator.						
Separator.	W. M. Cook	840,301	Jan. 1	1025	224-5	126	275
Separator.	G. D. Hoppes	840,492	Jan. 8	1431	316	126	411
Separator.	O. Selg	846,060	Mar. 5	705	146	127	181
Separator.	W. I. Brock	850,417	Apr. 16	3457	724	127	2545
Separator.	J. F. Senter	856,551	June 11	2193	452	128	2282
Separator.	D. C. Lyle	859,457	July 9	1758	470	129	623
Separator.	J. S. Evan	859,933	July 16	2489	676	129	889
Separator.	C. M. Lauritzen	863,189	Aug. 13	1758	472-3	129	2664
Separator.	E. H. De Lany	864,158	Aug. 27	3207	888	129	3172
Separator.	K. Brunner and O. Bühring	867,240	Oct. 1	17	5-6	130	1322
Separator.	W. Baker	873,484	Dec. 10	2407	506-7	131	1587
Separator-bowl. Centrifugal	P. B. Shee	869,808	Oct. 29	4093	1130	130	2663
Separator for lump material.	A. Langerfeld	873,951	Dec. 17	3342	712-13	131	1776
Separator for powdered material	J. F. Pool	870,383	Nov. 5	826	218	131	272
Separator shaking mechanism	F. and T. Chipera	871,566	Nov. 19	2998	747	131	856
Separators. Driving mechanism for centrifugal	T. W. Morgan	847,802	Mar. 19	4194	918	127	1114
Service entrance-box	F. B. Adam	851,726	Apr. 30	6068	1268	127	3269
Serving-fork	C. N. Hooper	872,425	Dec. 3	229	45	131	1204
Set-ring	G. H. Best	857,862	June 25	4710	999	128	2987
Settee and berth. Combined	G. S. Sherman	851,565	Apr. 23	5709	1196	127	3146
Settee-bed and couch	J. Phillipson	870,197	Nov. 5	511	140	131	167
Settee. Gliding	I. C. Manahan	873,381	Dec. 10	2229	464	131	1552
Settling-tank	J. M. Callow	845,520	Feb. 26	5565	1119	126	3289
Severing apparatus	G. P. Hemstreet	848,550	Mar. 26	5652	1238	127	1511
Sewage and the like. Apparatus for separating and purifying	E. Merten	860,930	July 23	4027	1103	129	1424
Sewage. Apparatus for liquefaction and purification of	C. W. Russell	874,542	Dec. 24	4598	966	131	2001
Sewage-disposal apparatus	B. J. Ashley	848,279	Mar. 26	5141	1121-2	127	1387
Sewage-ejecting system	J. W. Cooney	863,360	Aug. 13	2015	543	129	2746
Sewage elevating and discharging apparatus	E. A. Wilson and C. Rigdon	842,286	Jan. 29	5037	1075	126	1429
Sewage-purifying apparatus	A. Vogelsang	840,179	Jan. 1	785	171	126	211
Sewage-sludges. Treatment of	F. M. and H. Spence and R. Ockel	869,272	Oct. 29	3234	.....	130	2404
Sewer-cleaning apparatus	J. F. Kuhlman	863,073	Aug. 13	1570	424	129	2604
Sewer-cleaning device	W. E. King and C. Winburn	868,992	Oct. 22	2806	774	130	2243
Sewer-mold	G. Georgenson	861,106	July 23	4307	1182	129	1516
Sewer-mold. Sectional	G. Georgenson	875,518	Dec. 31	6538	1363	131	2342
Sewer-pipe	J. M. Phelan	858,102	June 25	5237	1110	128	3122
Sewer-pipe	E. L. Maag	860,400	July 16	3207	877	129	1124
Sewer-pipe	C. Eschenbrenner	873,851	Dec. 17	3171	675	131	1744
Sewer-pipe cleaner	T. Cantwell	872,109	Nov. 26	4149	992-3	131	1063
Sewer-trap	G. G. Burdick	843,069	Feb. 5	447	97	126	1906
Sewer-trap for catch-basins	F. C. Few	844,341	Feb. 19	2976	636	126	2610
Sewer-trap-vent attachment	H. J. Mibach	861,302	July 30	4621	1263	129	1653
Sewers and pipes. Invert or block for	W. Hall	865,382	Sept. 10	967	277-8	130	322
Sewers and the like. Form for	G. G. F. Boswell	870,269	Nov. 5	618	166	131	202
Sewers. Temporary retaining-wall for use in the construction of	M. P. Byrne	840,747	Jan. 8	1928	424	126	536
Sewed articles. Hem for	F. W. Beals	850,896	Apr. 23	4409	922	127	2826
Sewed articles. Seam for	C. McNeil	869,141	Oct. 22	3032	837	130	2312
Sewed articles. Seam for	L. Onderdonk	875,594	Dec. 31	6686	1398	131	2366
Sewed fabrics. Producing	B. H. Zimmerman	857,510	June 18	4011	854	128	2780
Sewing and embroidering machine	A. Cornely	852,598	May 7	457	84	128	121
Sewing and embroidering machine	T. O'Neill	854,105	May 21	3542	731	128	974
Sewing apparatus	F. Jacob and J. Boppel	845,092	Feb. 26	4726	1002	126	3081
Sewing-cabinet.	S. W. Furst	868,770	Oct. 22	2469	682	130	2140
Sewing device	E. Ascue	847,452	Mar. 19	3477	761	127	935
Sewing-implement holder	H. A. Lee	867,583	Oct. 8	553	156	130	1503
Sewing-machine	J. Bolton and J. Weiss	842,934	Feb. 5	189	43	126	1837
Sewing-machine	J. R. Reynolds	843,099	Feb. 5	532	111	126	1929
Sewing-machine	A. J. Hartwich	847,940	Mar. 19	4493	984-5	127	1186
Sewing-machine	G. E. Gilbert	850,426	Apr. 16	3477	728	127	2550
Sewing-machine	T. D. Hamilton, J. Rusk, and W. A. Robertson.	850,642	Apr. 16	3914	816	127	2661
Sewing-machine	G. Fischer	851,082	Apr. 23	4733	996-7	127	2906
Sewing-machine	J. G. Lewis	852,967	May 7	1224	251-2	128	311
Sewing-machine	W. Jasper	857,070	June 18	3179	668-9	128	2573
Sewing-machine	W. T. Lintner, W. C. Robbins, and J. P. Weis.	857,082	June 18	3209	674-5	128	2579
Sewing-machine	C. McNeil and C. L. Sturtevant.	857,532	June 18	4059	862-3	128	2794

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Sewing-machine	C. E. Hadley	861,276	July 30	4588	1253-4	129	1644
Sewing-machine	J. G. Lewis	862,830	Aug. 6	1198	322-4	129	2450
Sewing-machine	W. M. Ammerman	865,149	Sept. 3	585	164-5	130	178
Sewing-machine	C. Schütz	866,689	Sept. 24	2968	841	130	1018
Sewing-machine	E. J. Toof	869,112	Oct. 22	2985	825	130	2290
Sewing-machine	F. H. Chilton	870,543	Nov. 12	1052	287-8	131	371
Sewing-machine	F. J. Kaufmann	872,945	Dec. 3	1310	277-8	131	1373
Sewing-machine	A. Pfeufer	874,032	Dec. 17	3501	744-6	131	1801
Sewing-machine	W. N. Parkes	875,615	Dec. 31	6777	1412	131	2373
Sewing-machine and stand. Combined	C. B. Repp	872,848	Dec. 3	1124	237	131	1342
Sewing-machine attachment	L. M. Tynes	841,604	Jan. 15	3611	785	126	1009
Sewing-machine attachment	A. G. Rosenthal	850,789	Apr. 16	4176	875	127	2725
Sewing-machine attachment	J. E. Strong	851,186	Apr. 23	4950	1040	127	2960
Sewing-machine attachment	E. D. Harris	858,176	June 25	5371	1142	128	3154
Sewing-machine attachment	E. Amason	859,188	July 9	1353	359	129	487
Sewing-machine attachment	H. E. Schultz	860,064	July 16	2706	737	129	960
Sewing-machine attachment	D. F. Harris	862,392	Aug. 6	477	128	129	2337
Sewing-machine attachment	G. J. Stevens	865,321	Sept. 3	860	247	130	261
Sewing-machine attachment	T. A. Teate	865,544	Sept. 10	1240	352	130	405
Sewing-machine attachment	E. Eschelbacher	867,263	Oct. 1	49	15	130	1330
Sewing-machine attachment	J. H. Boye	870,219	Nov. 5	548	147	131	180
Sewing-machine attachment	R. P. Meos	874,098	Dec. 17	3699	778	131	1822
Sewing-machine attachment. Blindstitch	W. Arbeter	840,600	Jan. 8	1648	362	126	465
Sewing-machine attachment for felling, blind stitching, &c.	G. J. Stevens	869,990	Nov. 5	186	49	131	65
Sewing-machine attachment for felling, serging, &c.	F. H. Kelley	859,301	July 9	1522	407	129	546
Sewing-machine. Automatic embroidery or ornamental stitch	W. N. Parkes	875,624	Dec. 31	6820	1419-22	131	2377
Sewing-machine awl-feeding mechanism	C. Pedersen	872,745	Dec. 3	899	186	131	1309
Sewing-machine bearing	W. S. Reser	857,537	June 18	4066	864	128	2796
Sewing-machine binder	C. F. Gray	859,939	July 16	2498	678	129	891
Sewing-machine. Blindstitch	D. Flanagan	856,999	June 11	3034	638	128	2495
Sewing-machine. Blindstitch	J. E. Fefel	862,458	Aug. 6	595	157-8	129	2275
Sewing-machine. Blindstitch	W. N. Parkes	875,599	Dec. 31	6704	1401	131	2368
Sewing-machine. Blindstitching	F. W. Merriek	854,660	May 21	4569	954-5	128	1236
Sewing-machine. Blindstitching	J. E. Fefel	859,376	July 9	1653	440-1	129	588
Sewing-machine. Blindstitching	J. E. Fefel	861,821	July 30	5443	1499-1500	129	1905
Sewing-machine bobbin-case-threading mechanism	W. N. Parkes	875,621	Dec. 31	6806	1417-18	131	2376
Sewing-machine bobbin-controller. Automatic	W. N. Parkes	875,603	Dec. 31	6731	1405	131	2369
Sewing-machine bobbin-controlling mechanism	W. N. Parkes	875,613	Dec. 31	6767	1410	131	2373
Sewing-machine button-sewing attachment.	C. E. Ongley	842,157	Jan. 22	4752	1015	126	1325
Sewing-machine. Buttonhole	J. Kiewicz	855,186	May 28	5688	1183-4	128	1550
Sewing-machine. Buttonhole	E. B. Allen and W. E. Goodyear	856,014	June 4	1098	228	128	1971
Sewing-machine. Buttonhole	E. B. Allen	858,133	June 25	5290	1124	128	3134
Sewing-machine. Buttonhole	W. N. Parkes	875,598	Dec. 31	6697	1400-1	131	2367
Sewing-machine. Buttonhole	W. N. Parkes	875,602	Dec. 31	6720	1403-5	131	2369
Sewing-machine. Cabinet	T. Kundtz and J. Rehor	847,483	Mar. 19	3530	772-3	127	949
Sewing-machine cabinet	W. C. Free	861,451	July 30	4881	1338-9	129	1732
Sewing-machine cabinet. Automatic lift and drop	W. Person. (Reissue)	12,706	Oct. 22	3151	869	130	2351
Sewing-machine. Carpet	E. B. Allen	858,134	June 25	5293	1125	128	3135
Sewing-machine. Chain-stitch	L. Onderdonk	875,592	Dec. 31	6683	1306-7	131	2365
Sewing-machine. Chain-stitch shoe	H. A. Ballard	873,486	Dec. 10	2413	507-8	131	1587
Sewing-machine cover and chair. Combined	J. Twinem	875,471	Dec. 31	6453	1348	131	2327
Sewing-machine cover-plate	R. G. Woodward	872,601	Dec. 3	594	124	131	1260
Sewing-machine. Drop-head	F. P. Huyck	851,422	Apr. 23	5435	1138	127	3082
Sewing-machine edge-folder guide	A. Laubscher	859,953	July 16	2522	685	129	898
Sewing-machine edge-guide	J. Kosatka	873,246	Dec. 10	1939	406-7	131	1506
Sewing-machine embroidery attachment	C. E. Reardon	848,396	Mar. 26	5379	1173	127	1442
Sewing-machine. Embroidery or ornamental stitch.	W. N. Parkes	875,625	Dec. 31	6830	1422-3	131	2377
Sewing-machine. Embroidery or ornamental stitch.	W. N. Parkes	875,626	Dec. 31	6834	1423-7	131	2377
Sewing-machine fan attachment	W. W. Morris	862,577	Aug. 6	809	216	129	2334
Sewing-machine fan attachment	S. E. Hartmann	863,990	Aug. 20	2942	810	129	3064
Sewing-machine feed mechanism	C. Winkel	866,249	Sept. 17	2315	646	130	785
Sewing-machine folding attachment	H. Nederman	843,838	Feb. 12	1970	421-2	126	2321
Sewing-machine feeding mechanism	H. H. Cummings	860,733	July 23	3721	1019-20	129	1324
Sewing-machine feeding mechanism	M. Hemleb	863,533	Aug. 13	2255	611	129	2818
Sewing-machine feeding mechanism	W. N. Parkes	875,611	Dec. 31	6758	1409-10	131	2372
Sewing-machine feeding mechanism	W. N. Parkes	875,616	Dec. 31	6782	1413-14	131	2374
Sewing-machine feeding mechanism. Buttonhole	E. B. Allen	862,125	Aug. 6	6	2-3	129	2082
Sewing-machine. Filled-bag	J. Bigelow	875,314	Dec. 31	6135	1280-3	131	2276
Sewing-machine. Filled-bag	C. H. Foster	875,513	Dec. 31	6529	1362	131	2340
Sewing-machine folder	A. H. De Voe	858,709	July 2	600	157	129	207
Sewing-machine folding guide	W. E. Barnes	875,490	Dec. 31	6484	1354	131	2333
Sewing-machine for circular hemming	A. Laubscher	856,166	June 4	1380	200-1	128	2041
Sewing-machine for preparing shoes for	J. B. Hadaway	864,552	Aug. 27	3803	1055-6	129	3363
Sewing-machine for producing scalloped tucks	A. H. De Voe	858,161	June 25	5343	1136	128	3148
Sewing-machine gage	D. Dantzig and J. Bonowitz	855,286	May 28	5865	1222	128	1596
Sewing-machine gage. Adjustable	N. Rogers and L. Rosenwasser	847,262	Mar. 12	3073	677	127	806
Sewing-machine gathering attachment	E. H. Burrage	843,440	Feb. 5	1186	249	126	2088
Sewing-machine. Glove-tip	C. R. Morley	875,586	Dec. 31	6672	1392-3	131	2363
Sewing-machine guide	I. Stuhlman	873,332	Dec. 10	2129	444	131	1536
Sewing-machine guide and presser-foot	J. Hudson	875,577	Dec. 31	6642	1390	131	2360
Sewing-machine guide. Overedge	J. B. Wright	874,816	Dec. 24	5119	1079	131	2091
Sewing-machine guiding and marking device.	C. Linborg	874,777	Dec. 24	5052	1064	131	2079
Sewing-machine. Hat	H. A. Blanchard	860,123	July 16	2778	758-9	129	982
Sewing-machine hemmer	G. S. Gatchell	845,404	Feb. 26	5346	1134	126	3235
Sewing-machine hemmer	T. S. Zacharia	853,145	May 7	1553	323	128	392
Sewing-machine hemmer	J. M. Greist	855,304	May 28	5895	1229	128	1603
Sewing-machine. Hemstitch	J. C. O'Reilly	858,098	June 25	5231	1109	128	3120
Sewing-machine. Hemstitch	G. Kohlbrener	858,724	July 2	626	164-5	129	217
Sewing-machine. Hemstitch	W. N. Parkes	875,600	Dec. 31	6710	1402	131	2368
Sewing-machine. Interchangeable lock and chain stitch	E. J. Toof	862,033	July 30	5735	1593	129	1994
Sewing-machine lap-seam feller	A. H. De Voe	862,141	Aug. 6	33	9	129	2092
Sewing-machine locating-gage	C. C. Elliott	845,453	Feb. 26	5445	1153	126	3261
Sewing-machine lock	R. Barr	867,339	Oct. 1	172	51	130	1364
Sewing-machine. Lock-stitch	H. H. Cummings	869,961	Nov. 5	121	34	131	39

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Sewing-machine. Lock-stitch	F. W. Merrick	872,074	Nov. 26	4079	977-8	131	1052
Sewing-machine. Loop-lock-stitch	F. W. Merrick	843,760	Feb. 12	1827	389	126	2286
Sewing-machine. Looped-fabric	J. B. Hipwell	853,015	May 7	1329	277	128	337
Sewing-machine. looper mechanism	W. M. Ammerman	859,423	July 9	1717	457-8	129	609
Sewing-machine. looper mechanism	W. M. Ammerman	863,490	Aug. 13	2194	594	129	2799
Sewing-machine. looper mechanism	W. N. Parkes	875,612	Dec. 31	6763	1410	131	2372
Sewing-machine. looper mechanism	W. N. Parkes	875,623	Dec. 31	6816	1419	131	2376
Sewing-machine. looper mechanism. Lubricator for	W. N. Parkes	875,618	Dec. 31	6795	1415	131	2375
Sewing-machine. looper movement	W. N. Parkes	875,627	Dec. 31	6844	1428	131	2378
Sewing-machine. looper-operating mechanism.	L. Onderdonk	875,593	Dec. 31	6684	1397	131	2366
Sewing-machine. looper-operating mechanism.	L. Onderdonk	875,671	Dec. 31	6961	1450	131	2393
Sewing-machine. motor	R. E. Grant	842,832	Jan. 29	6218	1313	126	1729
Sewing-machine. motor attachment	J. Y. Parce	862,652	Aug. 6	920	247	129	2369
Sewing-machine. needle-actuating mechanism	W. N. Parkes	875,620	Dec. 31	6802	1416-17	121	2375
Sewing-machine. needle-adjusting device.	W. N. Parkes	875,606	Dec. 31	6742	1406	131	2370
Sewing-machine. needle-guard	R. S. Hiltmann	860,213	July 16	2917	797	129	1027
Sewing-machine. operating device. Hand-	M. J. Rapier	844,187	Feb. 12	2622	561	126	2481
Sewing-machine. Ornamental-stitch	W. N. Parkes	875,601	Dec. 31	6717	1403	131	2368
Sewing-machine. Ornamental-stitch.	W. N. Parkes	875,604	Dec. 31	6735	1405-6	131	2369
Sewing-machine. Ornamental-stitch	W. N. Parkes	875,607	Dec. 31	6744	1407	131	2370
Sewing-machine. plaiter or ruffler	J. T. Kelley	846,215	Mar. 5	1000	214-15	127	254
Sewing-machine. presser-foot	W. N. Parkes	857,431	June 18	3856	819	128	2740
Sewing-machine. presser-foot and guide combined	G. J. Stevens	871,454	Nov. 19	2764	696	131	818
Sewing-machine. presser-foot attachment	D. H. Hadsell	855,874	May 14	3042	625	128	811
Sewing-machine. presser-foot-lifting mechanism	J. M. Merrow	851,427	Apr. 23	5444	1140	127	3084
Sewing-machine. ruffler	H. M. Greist	851,232	Apr. 23	5050	1063	127	2984
Sewing-machine. ruffler attachment	A. G. Lamb	875,083	Dec. 31	5648	1188	131	2203
Sewing-machine. ruffling mechanism	A. Laubscher	841,546	Jan. 15	3508	757-8	126	983
Sewing-machine. seam-trimmer and edge-binder	W. R. Abercrombie	849,347	Apr. 2	1456	296	127	1958
Sewing-machine. Shoc-	J. A. Rhoulst	850,055	Apr. 9	2757	579-80	127	2322
Sewing-machine. shuttle	C. F. Zanzig	856,830	June 11	2715	562	128	2416
Sewing-machine. shuttle	J. E. Fefel	862,546	Aug. 6	757	202	129	2318
Sewing-machine. shuttle and feeder driving mechanism	H. Köhler	856,531	June 11	2149	442-3	128	2271
Sewing-machine. slack-thread controller	W. H. Stedman	854,119	May 21	3572	737	128	981
Sewing-machine. spool-holding attachment	C. J. Woodward	858,934	July 2	976	254	129	335
Sewing-machine. stitch-forming device	R. L. Lyons	856,645	June 11	2381	490	128	2331
Sewing-machine. stitch-forming mechanism	W. M. Ammerman	863,489	Aug. 13	2190	592-3	129	2797
Sewing-machine. stop mechanism	W. N. Parkes	875,609	Dec. 31	6752	1408-9	131	2371
Sewing-machine. stop-motion device	E. B. Allen	842,291	Jan. 29	5048	1076-7	126	1431
Sewing-machine. stop-motion device	E. B. Allen	863,129	Aug. 13	1665	446-7	129	2634
Sewing-machine. stop-motion mechanism	C. E. Ongley	859,008	July 2	1087	286-7	129	370
Sewing-machine. table	C. Mitchell	845,471	Feb. 26	5488	1162	126	3271
Sewing-machine. table	J. H. Thompson and J. Murphy	845,490	Feb. 26	5520	1169-70	126	3278
Sewing-machine. table	L. B. Henderson	867,040	Sept. 24	3512	996	130	1195
Sewing-machine. table attachment	O. B. Starkwater	840,875	Jan. 8	2171	479	126	594
Sewing-machine. take-up	W. M. Ammerman	842,161	Jan. 29	4776	1020	126	1365
Sewing-machine. take-up	J. Diehl	851,734	Apr. 30	6077	1270	127	3272
Sewing-machine. take-up	E. C. Ives	860,546	July 16	3413	938	129	1193
Sewing-machine. take-up and needle-bar mechanism	W. N. Parkes	875,608	Dec. 31	6748	1408	131	2371
Sewing-machine. take-up device	M. E. Brown	872,328	Dec. 3	16	3	131	1172
Sewing-machine. take-up mechanism	P. Anschütz	869,765	Oct. 29	4032	111-	130	2646
Sewing-machine. thread-clip	A. Wood	840,887	Jan. 8	2200	485	126	603
Sewing-machine. thread controlling and unwinding device.	J. H. La Bate	849,140	Apr. 2	1078	215	127	1864
Sewing-machine. thread-controlling mechanism	W. N. Parkes	875,597	Dec. 31	6689	1398-1400	131	2367
Sewing-machine. thread-controlling mechanism	W. N. Parkes	875,610	Dec. 31	6755	1409	131	2372
Sewing-machine. thread-cutting device	R. L. Lyons	864,319	Aug. 27	3443	958-9	129	3246
Sewing-machine. thread-cutting device	C. H. Foster	875,512	Dec. 31	6528	1361	131	2339
Sewing-machine. thread-guard and spool-holder	S. L. Lyon	848,185	Mar. 26	4950	1081	127	1337
Sewing-machine. thread-laying mechanism	C. Pedersen	872,744	Dec. 3	897	186	131	1308
Sewing-machine. thread take-up	W. Büscher	865,234	Sept. 3	719	204-5	130	217
Sewing-machine. throat-plate fastening	W. M. Ammerman	863,491	Aug. 13	2197	594	129	2800
Sewing-machine. trimmer	A. H. Parker	848,490	Mar. 26	5550	1211	127	1481
Sewing-machine. trimmer	J. D. Schoonmaker	857,491	June 18	3973	844-5	128	2771
Sewing-machine. trimming attachment	J. Zeldis and J. M. Weber	844,574	Feb. 19	3706	779-80	126	2782
Sewing-machine. trimming device	W. H. Stedman	846,065	Mar. 5	714	149	127	183
Sewing-machine. tuck-creaser	P. R. Greist	854,942	May 28	5175	1078	128	1421
Sewing-machine. tuck-folder	A. Laubscher	859,952	July 16	2521	684	129	898
Sewing-machine. tucking attachment	F. W. Keiter	849,620	Apr. 9	1990	407	127	2129
Sewing-machine. tucking mechanism	W. N. Parkes	875,605	Dec. 31	6739	1406	131	2370
Sewing-machine. work-clamp mechanism	W. N. Parkes	875,622	Dec. 31	6810	1418-19	131	2376
Sewing-machine. work-guide	L. N. Bishop	874,728	Dec. 24	4972	1044-5	131	2063
Sewing-machine. work holding and feeding device.	E. B. Allen	864,117	Aug. 20	3130	865-7	129	3121
Buttonhole- Sewing-machines and the like. Feeding mechanism for	J. A. Rhoulst	858,539	July 2	296	74	129	105
Sewing-machines. Apparatus for delivering filled bags to	C. H. Foster	875,339	Dec. 31	6197	1292	131	2284
Sewing-machines. Belt transmission in	P. Diehl	862,240	Aug. 6	214	59	129	2149
Sewing-machines. Blindstitching, overseaming, and serging attachment for	E. Richter	850,851	Apr. 16	4805	904	127	2759
Sewing-machines. Clamp-actuating mechanism for buttonhole-	J. Kiewicz	868,189	Oct. 15	1505	427-8	130	1816
Sewing-machines. Device for controlling the bight of the needle into the goods in blindstitch	L. Onderdonk	872,676	Dec. 3	755	157	131	1286
Sewing-machines. Fabric withdrawing or feeding means for	H. H. Bates	841,480	Jan. 15	3393	732	126	952
Sewing-machines in wagons. Device for fastening	F. M. Sargent	849,023	Apr. 2	807	167	127	1793
Sewing-machines. Loop opener and spreader for	C. Pedersen	850,963	Apr. 23	4521	946	127	2852
Sewing-machines. Oil-guard for	A. Heller and J. Roman	856,779	June 11	2633	541	128	2395
Sewing-machines. Rotary take-up for	J. Diehl	856,572	June 11	2243	460-1	128	2295
Sewing-machines. Seam-trimmer throat-plate for	H. L. Phelps	864,797	Sept. 3	52	15	130	19
Sewing-machines. Universal feed for	J. E. Fefel	862,548	Aug. 6	762	203	129	2320
Sewing-machines. Zigzag needle-operating mechanism for	L. Onderdonk	872,675	Dec. 3	752	156-7	131	1286
Sewing on buttons.	R. L. Lyons	868,282	Oct. 15	1664	470	130	1865
Sewing shoe-soles to uppers	J. A. Rhoulst. (Reissue)	12,607	Feb. 12	2916	620	126	2556

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Sewing tubular structures. Machine for.	S. Cohn. (Reissue)	12,724	Nov. 26	4563	1079-80	131	1130
Shackle	G. Snearly	859,131	July 2	1257	336	129	424
Shackle	W. G. Eggleton	870,871	Nov. 12	1593	437	131	549
Shackle for transmission-ropes	J. G. Scott	875,293	Dec. 31	6100	1273	131	2270
Shackle-rod coupling	A. M. and W. B. Kleckner	845,647	Feb. 26	5806	1227	126	3349
Shade adjuster. Ball-bearing window	J. Renner	840,373	Jan. 1	1193	261-2	126	314
Shade adjuster. Window	F. J. and A. A. Mansmann	846,494	Mar. 12	1558	345	127	426
Shade adjuster. Window	N. F. Capps	847,903	Mar. 19	4416	969	127	1167
Shade and curtain adjuster. Window	T. Szczérbicki	859,148	July 2	1289	343	129	435
Shade and curtain adjusting device	R. A. Breitenfeld	865,007	Sept. 3	385	104	130	121
Shade and curtain bracket	C. F. Nicholson	847,100	Mar. 12	2765	611	127	728
Shade and curtain bracket	M. S. McNeese	869,322	Oct. 29	3330	914	130	2433
Shade and curtain bracket. Combined	E. Dunkerley, Jr.	870,348	Nov. 5	754	202	131	248
Shade and curtain fixture. Combined	S. R. Auker	843,658	Feb. 12	1645	349	126	2240
Shade and curtain hanger	G. L. Brewer	855,429	May 28	6113	1278	128	1655
Shade and curtain hanger. Extension window	W. Wertman	871,841	Nov. 26	3544	866	131	974
Shade and curtain holder	M. V. Morris	866,798	Sept. 24	3140	884	130	1081
Shade and curtain-pole holder. Window	J. H. Green	848,987	Apr. 2	752	153	127	1779
Shade and curtain-pole support. Combined	C. G. Bacon	872,637	Dec. 3	671	139	131	1273
Shade and curtain-pole support. Combined window	G. W. Bush	874,297	Dec. 17	4092	862	131	1889
Shade and curtain-pole supporter. Window	T. W. Brown	850,518	Apr. 16	3662	765	127	2597
Shade and curtain-rod supporting bracket. Combined	E. L. Brown	865,077	Sept. 3	495	137	130	150
Shade and curtain-support. Window	J. L. Smith	844,967	Feb. 19	4448	950	126	2970
Shade and shade-roller fixture	A. Hitt	850,578	Apr. 16	3769	787	127	2625
Shade-bracket	P. F. Wagner	842,506	Jan. 29	5526	1171	126	1563
Shade-bracket	W. A. Bennett	867,869	Oct. 8	993	282	130	1636
Shade-bracket and curtain-pole support. Combined	F. Verdin	866,093	Sept. 17	2108	586	130	719
Shade-bracket and curtain-rod support. Combined	C. H. Nelson	848,195	Mar. 26	4968	1087	127	1341
Shade bracket. Window	C. Doehler, Sr.	849,377	Apr. 9	1519	307	127	2012
Shade bracket. Window	S. Fox	849,802	Apr. 9	2497	515	127	2260
Shade bracket. Window	C. J. Wimmer	869,674	Oct. 29	3903	1073	130	2609
Shade bracket. Window	C. E. Bennett	874,655	Dec. 24	4817	1011	131	2059
Shade-cloth with identification-mark thereon	C. W. Breneman	845,927	Mar. 5	419	86	127	108
Shade connection. Rolling window	C. L. Webster	846,709	Mar. 12	1986	437	127	535
Shade cord attachment. Window	E. F. Hartshorn	870,100	Nov. 5	345	96	131	114
Shade-cutting device	F. W. Hubbard and T. A. Morton	856,403	June 11	1920	395	128	2215
Shade. Double-acting window	M. Ecker	849,219	Apr. 2	1215	247	127	1899
Shade fastener. Window	G. E. Johnston	848,175	Mar. 26	4933	1077	127	1333
Shade fixture. Window	S. R. Skov	849,167	Apr. 2	1122	226	127	1875
Shade fixture. Window	R. D. Mayberry	854,515	May 21	4304	890	128	1170
Shade fixture. Window	D. Rosenberg and J. B. Hartnett	856,302	June 11	1682	349	128	2154
Shade fixture. Window	W. C. Atherton	872,322	Dec. 3	7	1	131	1170
Shade fixture. Window	S. T. Williams	875,027	Dec. 31	5586	1167	131	2185
Shade guide. Window	A. B. Rush	863,655	Aug. 20	2446	673	129	2909
Shade-hanger	G. A. Lavender	872,946	Dec. 3	1313	278	131	1374
Shade-hanger level	E. F. Hartshorn	870,098	Nov. 5	342	96	131	114
Shade hanger. Window	J. W. R. Bachman and E. M. Green	854,014	May 21	3343	686	128	926
Shade hanger. Window	F. S. Hazelton	866,786	Sept. 24	3123	879	130	1075
Shade hanger. Window	W. F. Brown	868,527	Oct. 15	2066	579	130	1985
Shade-hanging device. Window	J. M. Terry and J. E. White	863,468	Aug. 13	2153	581	129	2787
Shade-holder	R. Thorner	843,122	Feb. 5	582	123	126	1943
Shade holder. Window	J. W. Saxon	859,339	July 9	1596	423	129	570
Shade-holding device	C. L. Hopkins	849,133	Apr. 2	1065	213	127	1861
Shade or curtain fixture. Adjustable	G. Beres	840,743	Jan. 8	1924	423	126	535
Shade-pull	D. B. Rawson	867,534	Oct. 1	464	133	130	1458
Shade pull. Window	C. A. Scheiff	856,987	June 11	3007	631	128	2487
Shade-roll bracket and curtain-pole support. Combined	H. A. Bierley	842,067	Jan. 22	4560	979-80	126	1275
Shade-roller	J. Evans	846,192	Mar. 5	960	203	127	243
Shade-roller	A. L. Sutton	849,284	Apr. 2	1333	269	127	1928
Shade-roller	C. N. Hiner	866,200	Sept. 17	2246	626	130	763
Shade-roller	E. F. Hartshorn	870,099	Nov. 5	343	96	131	114
Shade-roller	A. H. Fleming	870,876	Nov. 12	1601	439	131	551
Shade-roller-adjusting attachment	A. H. Schulz	859,904	July 9	2443	664	129	840
Shade-roller attachment	W. B. Reynolds and E. B. McCarthy	848,495	Mar. 26	5557	1213	127	1488
Shade-roller attachment. Window	J. L. Harrison	870,625	Nov. 12	1196	323	131	425
Shade-roller bearing	W. D. Jones	870,628	Nov. 12	1199	324	131	426
Shade-roller bracket	A. H. Fleming	842,091	Jan. 22	4594	987	126	1284
Shade-roller bracket	A. H. Fleming	862,463	Aug. 6	606	161	129	2278
Shade-roller mounting	J. J. Bloomer	858,056	June 25	5143	1089	128	3098
Shade-roller safety-stop	C. T. Botting	871,858	Nov. 26	3585	878	131	980
Shade-roller. Spring	A. John, Jr.	873,438	Dec. 10	2323	483	131	1571
Shade-roller support	A. Dupont	856,521	June 11	2131	438	128	2267
Shade roller. Window	C. B. Case	842,936	Feb. 5	191	43	126	1837
Shade roller. Window	E. S. Dinkel	848,539	Mar. 26	5636	1224	127	1506
Shade roller. Window	J. Dudley	854,878	May 28	5063	1053	128	1392
Shade-rollers and the like. Support for	H. A. Bierley	864,067	Aug. 20	3053	844	129	3097
Shade support. Window	C. U. Dixon and C. L. Howard	851,924	Apr. 30	6470	1349	127	5374
Shade support. Window	C. C. Brown	854,714	May 28	4713	980	128	1301
Shade-supporting means. Adjustable window	J. F. Cannon	846,089	Mar. 5	763	158-9	127	194
Shade-trimming machine. Window	A. C. Gast	863,601	Aug. 20	2371	648-9	129	2884
Shade. Window	E. G. Reynolds	858,417	July 2	84	23	129	29
Shade. Window	E. B. Stephenson	875,129	Dec. 31	5784	1207	131	2218
Shades. Spring-lever for	J. Tanner	864,746	Aug. 27	4143	1150	129	3466
Shaft and cross-bar brace. Combined	F. M. Belden	874,288	Dec. 17	4078	860	131	1886
Shaft and pulley collar	E. L. Beal	853,214	May 14	1716	355	128	466
Shaft and thill iron	W. Remich	874,625	Dec. 24	4754	999	131	2029
Shaft attachment	G. J. Beck	858,559	July 2	332	81	129	120
Shaft-bearing	W. H. Coldwell	853,225	May 14	1736	360	128	471
Shaft-bearings and the like. Indicator for overheated	F. W. Dick	846,095	Mar. 5	775	161-2	127	197
Shaft-box. Oil-rig.	E. W. Cokely	868,647	Oct. 22	2273	629	130	2078
Shaft-collar	C. E. Brinley	846,088	Mar. 5	760	153	127	194
Shaft-collar	E. R. Beach	847,882	Mar. 19	4364	956	127	1156

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Shaft-collar	J. R. Grundy	860,369	July 16	3151	862	129	1106
Shaft connection. Drive-	C. Atkins	870,923	Nov. 12	1677	461	131	576
Shaft. Contractible	J. A. Paquette	872,538	Dec. 3	478	100	131	1241
Shaft controller. Rotating-	M. D. Hemenway	866,278	Sept. 17	2366	658	130	802
Shaft-coupling	H. M. Frank	843,201	Feb. 5	751	154	126	1984
Shaft-coupling	J. P. Hayward	847,333	Mar. 19	3218	709	127	870
Shaft-coupling	G. S. Searle	849,860	Apr. 9	2440	498	127	2215
Shaft-coupling	G. B. Kinsler	853,307	May 14	1924	398	128	526
Shaft-coupling	R. L. Lowry	854,426	May 21	4142	858	128	1130
Shaft-coupling	J. W. Albert	856,199	June 11	1452	306	128	2093
Shaft-coupling	A. C. Leininger	863,928	Aug. 20	2856	785	129	3038
Shaft-coupling	J. J. Schmitt	873,617	Dec. 10	2685	566	131	1632
Shaft-coupling. Hinged	E. Moewes	852,890	May 7	1070	220	128	273
Shaft drill. Sink-	J. P. Karns	874,848	Dec. 24	5171	1089	131	2101
Shaft. Extensible	V. A. Yost	846,079	Mar. 5	745	156	127	190
Shaft. Flexible	W. H. Douglas	864,624	Aug. 27	3957	1098	129	3408
Shaft. Flexible link-	E. Hensel	855,106	May 28	5539	1150	128	1512
Shaft guard. Swinging-	F. Banning	858,557	July 2	330	81	129	119
Shaft-hanger	J. A. Manahan	857,528	June 18	4044	861	128	2789
Shaft-hanger	E. E. McIntyre	867,291	Oct. 1	95	29-30	130	1343
Shaft-hanger	H. C. Floyd	870,945	Nov. 12	1725	472-3	131	589
Shaft-hanger	E. E. McIntyre	871,136	Nov. 19	2059	556-7	131	711
Shaft-hanger	H. F. Gade	874,062	Dec. 17	3640	764	131	1811
Shaft-hanger	H. T. Hallowell and H. F. Gade	874,067	Dec. 17	3648	766	131	1813
Shaft-hanger	H. T. Hallowell and H. F. Gade	874,187	Dec. 17	3866	815	131	1852
Shaft-hanger	H. F. Gade	874,319	Dec. 17	4142	872	131	1897
Shaft-hanger support	P. Weber	853,662	May 14	2608	541	128	703
Shaft-holder for harness	W. T. Sebree	843,041	Feb. 5	402	87	126	1894
Shaft-key	W. E. Lauderbaugh	861,992	July 30	5690	1579	129	1981
Shaft. Knockdown vehicle-	F. C. Ferris and G. S. Tebbetts	842,309	Jan. 29	5078	1082	126	1439
Shaft liner and lever.	E. E. Clark	868,074	Oct. 15	1359	381	130	1771
Shaft or tongue support for vehicles	W. Noles	841,041	Jan. 8	2510	547	126	682
Shaft-oscillator	C. E. Lord and W. F. Bouché	856,538	June 11	2158	444-5	128	2273
Shaft-oscillator	C. E. Lord	866,572	Oct. 15	2126	594	130	2005
Shaft-oscillator	W. F. Bouché	870,539	Nov. 12	1047	286	131	369
Shaft-oscillator	E. C. Wright	871,904	Nov. 26	3677	897	131	995
Shaft-oscillator	W. F. Bouché	872,641	Dec. 3	676	141	131	1274
Shaft-oscillator. Mechanical	W. F. Bouché	869,825	Oct. 29	4121	1138	130	2671
Shaft-reversing device	A. Sundberg and G. Ericsson	848,981	Apr. 2	658	132	127	1756
Shaft-reversing mechanism. Power-	J. W. Burkett	850,995	Apr. 23	4573	958	127	2865
Shaft-rotating means	O. W. Meissner	859,503	July 9	1826	492	129	645
Shaft-sinking apparatus	R. Baggaley	846,816	Mar. 12	2208	484-5	127	592
Shaft-support	E. Nestler	869,451	Oct. 29	3538	967-70	130	2498
Shaft-support. Adjustable	J. H. Bullard	845,513	Feb. 26	5553	1177	126	3287
Shaft support. Vehicle-	C. S. Elliott	844,269	Feb. 12	2816	600	126	2531
Shaft support. Vehicle-	C. D. White	869,950	Nov. 5	108	30	131	36
Shaft support. Wagon-	J. B. Wener	849,520	Apr. 9	1613	368	127	2086
Shaft supporter. Vehicle-	W. Lowe	865,715	Sept. 10	1491	421	130	484
Shaft suspension	E. Nestler	849,416	Apr. 9	1582	321	127	2023
Shaft. Vehicle-	T. W. Capen	867,557	Oct. 1	498	143	130	1468
Shafts. Fluid-tight joint for rotary	J. Buchheit	853,395	May 14	2078	431	128	565
Shafts. Means for indicating relative movement of parts of rotating	B. M. W. Hanson	847,574	Mar. 19	3705	817	127	995
Shafts. Stuffing-joint for rotary	A. Amsler	839,803	Jan. 1	8	2	126	4
Shafting and the like. Machine for straightening	P. Emden	842,639	Jan. 29	5811	1227	126	1630
Shafting. Clamp-collar for	W. J. Muncaster	846,497	Mar. 12	1564	346-7	127	427
Shafting-finishing machine	S. T. Murchie	843,906	Feb. 12	2106	451	126	2354
Shafting. Flexible	W. J. Muncaster	859,003	July 2	1080	284-5	129	368
Shafting. Flexible	W. H. Church	860,013	July 16	2631	715	129	935
Shafting. Machine for producing finished	E. F. Johnston	861,659	July 30	5184	1423	129	1829
Shafting-straightening machine	W. J. Muncaster	851,547	Apr. 23	5670	1187-9	127	3138
Shafting-supporting means	R. M. Correy	856,625	June 11	2350	483	128	2323
Shaking-bolt	E. Weston	870,861	Nov. 12	1573	433	131	541
Shaking-machine	W. B. Howard	857,942	June 25	4877	1031	128	3029
Shaking-screen, &c	J. M. Camp and W. Ahlen	856,619	June 11	2338	481	128	2320
Shaking-screen	J. B. Cornwall	843,442	Feb. 5	1188	249-50	126	2088
Shaking-table separator	N. W. L. Brown	874,051	Dec. 17	3553	756	131	1807
Shampoo-registering device	F. T. Snyder	854,768	May 28	4820	1001-2	138	1329
Shank-stiffener	H. C. Kelley	848,660	Apr. 2	76	18	127	1604
Shapers or planers. Work-holder for	G. F. Dunn	861,166	July 23	4384	1203	129	1540
Shapers or planers. Work-holder for	M. and H. E. Morton	855,583	June 4	265	54	128	1763
Shaping-machine	M. and H. E. Morton	862,926	Aug. 13	1336	365	129	2529
Shaping-machine feeding mechanism	R. B. Cochran and W. A. Warman	846,728	Mar. 12	2021	444-5	127	544
Sharpener. Band-cutter	R. Stockbridge	864,271	Aug. 27	3376	939	129	3226
Sharpener. Blade	C. N. Detwiler	855,390	May 28	6038	1261	128	1639
Sharpener. Cutter-head-knife	J. H. Reinhardt	863,879	Aug. 20	2779	765	129	3014
Sharpener. Disk	H. B. Ross	856,726	June 11	2534	521	128	2370
Sharpener. Disk	L. D. Toliver	863,473	Aug. 13	2160	584	129	2789
Sharpener for planing-machines. Upper-cutter-head	J. Wissler	872,981	Dec. 3	1382	291	131	1385
Sharpener. Knife	C. W. H. Blood	858,564	July 2	339	85	129	122
Sharpener. Lawn-mower	B. Nichols	839,877	Jan. 1	151	35	126	43
Sharpener. Lawn-mower	M. T. Goforth and N. R. Sheets	850,922	Apr. 23	4452	931-2	127	2836
Sharpener. Lawn-mower	S. A. Cheney	853,399	May 14	2082	432	128	566
Sharpener. Saw	J. Chesbro	875,411	Dec. 31	6339	1321	131	2308
Sharpener. Scissors	J. W. McAlpin	845,475	Feb. 26	5495	1163	126	3273
Sharpener. Scissors	W. M. Kellogg	841,537	Jan. 15	3494	754	126	980
Sharpener. Scissors	J. M. Strehl	845,487	Feb. 26	5517	1169	126	3278
Sharpener. Shears	W. G. Wilson	849,180	Apr. 2	1147	232	127	1882
Sharpener-tool	A. M. Parker	858,532	July 2	286	71	129	101
Sharpening and polishing machine. Automatic	F. M. Rodzonowski	871,889	Nov. 26	3652	891	131	990
Sharpening apparatus. File	J. M. Gale	843,082	Feb. 5	495	103	126	1920
Sharpening apparatus. Saw	C. H. Reynolds	863,446	Aug. 13	2123	573	129	2778
Sharpening device	J. S. Hogg	868,783	Oct. 22	2492	686	130	2147
Sharpening device for grain-mills	S. Vessot	841,287	Jan. 15	3004	653	126	850
Sharpening device. Hoe	T. B. Criddle	854,632	May 21	4518	943	128	1223
Sharpening device. Razor	L. Alfano	865,847	Sept. 10	1722	479	130	571

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Sharpening device. Rock-drill.....	E. Lewis.....	866,041	Sept. 17	2017	562-3	130	690
Sharpening instrument. Cutlery.....	A. Rademacher.....	863,443	Aug. 13	2121	571	129	2777
Sharpening knives. Steel for.....	J. B. Davidson.....	852,873	May 7	1033	214	128	263
Sharpening lawn-mowers. Apparatus for.....	E. C. Springer.....	850,071	Apr. 9	2787	587	127	2329
Sharpening machine. Clipper.....	E. J. Gould.....	874,671	Dec. 24	4845	1018	131	2044
Sharpening machine. File.....	C. M. Emerson.....	860,199	July 16	2890	790	129	1019
Sharpening machine. Saw.....	J. D. McAulay.....	847,804	Mar. 19	4196	918-19	127	1115
Sharpening machine. Saw-tooth.....	J. P. Hedstrom.....	867,723	Oct. 8	749	210-11	130	1563
Sharpening means. Disk.....	W. S. Cline.....	869,624	Oct. 29	3819	1045	130	2583
Sharpening, removing, and replacing cutter-sections. Apparatus for.....	W. Rawlinson.....	873,894	Dec. 17	3239	691	131	1757
Sharpening shears. Automatically.....	J. E. Hulse.....	874,847	Dec. 24	5170	1089	131	2101
Sharpening the knives of guillotine cutting-machines. Apparatus for.....	A. V. Brown.....	867,473	Oct. 1	366	106	130	1426
Sharpening-tool for lawn-mowers.....	W. H. Aston and W. W. Morrison.....	851,053	Apr. 23	4685	985	127	2895
Shave-register-operating device.....	J. W. B. Faris.....	873,932	Dec. 17	3308	706	131	1769
Shave-registering device.....	H. C. Kelley.....	866,142	Sept. 17	2165	603	130	736
Shaving apparatus.....	F. J. Halbekann.....	880,430	Apr. 16	3481	729	127	2551
Shaving-cup.....	C. W. Taylor.....	839,970	Jan. 1	337	74	126	92
Shaving-cup.....	S. Attanasio.....	853,751	May 14	2803	576	128	753
Shaving-cup.....	G. H. Viancour.....	864,274	Aug. 27	3381	940	129	3228
Shaving-cup.....	G. H. Viancour.....	864,275	Aug. 27	3382	940	129	3228
Shaving mug and brush. Combined.....	G. A. Roney.....	842,705	Jan. 29	5973	1260	126	1670
Sheaf-loading machine.....	J. Graham.....	856,051	June 4	1155	244	128	1985
Shearing and pressing machine.....	J. Becker.....	860,009	July 16	2625	713	129	933
Shearing apparatus.....	M. W. Hogle and W. W. Slick.....	861,984	July 30	5680	1576	129	1978
Shearing-knife.....	W. E. Nagle.....	856,719	June 11	2520	518	128	2366
Shearing-machine.....	R. Schofield.....	844,744	Feb. 19	4040	861-2	126	2865
Shearing-machine.....	R. Gerlach.....	855,766	June 4	626	128	128	1855
Shearing-machine.....	A. M. Castle.....	858,703	July 2	589	153-5	129	204
Shearing-machine.....	J. J. Valliere.....	862,949	Aug. 13	1379	375	129	2543
Shears:							
See Animal-shears. Metal-shears.							
Beam-shears. Pruning-shears.							
Fence-shears. Rotary shears.							
Flying shears. Sheep-shears.							
Lawn-shears.							
Shears.....	J. E. Allen.....	842,292	Jan. 29	5050	1077	126	1432
Shears.....	J. C. Greenfield.....	842,650	Jan. 29	5829	1231	126	1634
Shears.....	J. G. Moncus.....	845,881	Mar. 5	314	62	127	81
Shears.....	L. A. Jones.....	846,854	Mar. 12	2289	504	127	613
Shears.....	R. Sevic.....	846,868	Mar. 12	2316	508	127	620
Shears.....	G. P. Taylor.....	851,708	Apr. 30	6034	1261	127	3257
Shears.....	O. Witt.....	851,721	Apr. 30	6061	1265	127	3268
Shears.....	J. Cook and J. F. Brady.....	853,681	May 14	2636	547	128	710
Shears.....	C. B. Klein.....	854,952	May 28	5192	1082	128	1426
Shears.....	A. N. Eastman.....	858,359	June 25	5733	1222	128	3252
Shears.....	W. H. Dow.....	861,713	July 30	5267	1449	129	1852
Shears.....	G. C. Zeller.....	368,060	Oct. 15	1340	374	130	1766
Shears.....	F. W. Schepman and J. M. Teamer.....	868,706	Oct. 22	2376	658	130	2112
Shears.....	G. E. Benton.....	871,980	Nov. 26	3867	935	131	1020
Shears and other tool.....	J. M. Sweet.....	873,333	Dec. 10	2131	445	131	1536
Shears and tension-screw.....	W. A. Wilkins.....	844,903	Feb. 19	4347	928	126	2944
Shears or the like.....	F. D. Davies.....	843,667	Feb. 12	1660	352	126	2244
Sheave-block.....	E. Ludford.....	844,159	Feb. 12	2567	550	126	2467
Sheave-block.....	W. H. Corbett.....	869,422	Oct. 29	3487	957	130	2482
Sheaves. Preparing stalks of grain for forming.....	M. Rice.....	867,601	Oct. 8	579	164	130	1510
Sheep-hook.....	C. R. Buffington.....	840,555	Jan. 8	1560	344	126	443
Sheep-shearing machine.....	J. K. Stewart.....	852,809	May 7	893	182	128	228
Sheep-shearing machine.....	T. A. Martin.....	869,500	Oct. 29	3613	991	130	2520
Sheep-shears.....	W. A. Scott.....	841,458	Jan. 15	3346	722	126	940
Sheep-shears.....	M. A. Lipscomb.....	849,252	Apr. 2	1275	258	127	1914
Sheet cutting and feeding mechanism. Variable-size.....	H. M. Barber.....	873,341	Dec. 10	2155	450-1	131	1559
Sheet-delivery apparatus.....	C. L. Johnston.....	871,412	Nov. 19	2667	679-80	131	804
Sheet-delivery mechanisms. Counting and collating device for.....	R. Waite.....	840,402	Jan. 1	1247	273	126	327
Sheet-delivery mechanisms. Smut-sheet attachment for.....	R. Miehle.....	863,080	Aug. 13	1580	426-7	129	2607
Sheet fastener. Loose.....	F. P. Harris.....	857,238	June 18	3491	737	128	2650
Sheet-feeding apparatus.....	A. B. Dick.....	873,848	Dec. 17	3164	674	131	1743
Sheet-feeding device.....	E. Tyden.....	845,907	Mar. 5	379	77-8	127	98
Sheet-feeding machine.....	F. L. Cross.....	854,079	May 21	3493	720	128	963
Sheet-feeding machine.....	H. Hallstream.....	854,088	May 21	3509	724	128	967
Sheet-feeding machines. Sheet-separating device for.....	E. Tyden.....	853,910	May 14	3130	641	128	853
Sheet-feeding mechanism.....	U. S. Smiley.....	847,615	Mar. 19	3824	836	127	1027
Sheet-feeding mechanism.....	M. F. Mahoney.....	873,322	Dec. 10	2106	440-1	131	1532
Sheet-folding and other machines. Cutter mechanism for.....	C. A. Sturtevant.....	863,007	Aug. 13	1459	397	129	2570
Sheet-folding machines. Perforating and registering mechanism for.....	C. A. Sturtevant.....	842,721	Jan. 29	6013	1267	126	1681
Sheet-marking mechanism.....	G. J. Gerhardt.....	873,226	Dec. 10	1899	398-9	131	1499
Sheet material. Device for feeding.....	G. H. Pierce.....	846,945	Mar. 12	2475	545-6	127	658
Sheet-material feeding mechanism.....	W. G. Johnston.....	854,040	May 21	3397	701	128	938
Sheet-metal articles. Producing hollow.....	R. Chillingworth.....	873,297	Dec. 10	2048	428	131	1524
Sheet-metal box.....	C. T. Wootten and A. P. Richardson.....	853,143	May 7	1548	322	128	391
Sheet metal by electrolysis. Treating.....	J. Müller.....	862,409	Aug. 6	507	.....	129	2245
Sheet-metal can.....	F. Westerbeck.....	855,080	May 28	5484	1137	128	1500
Sheet-metal can.....	W. Haaker.....	864,531	Aug. 27	3502	1055	129	3363
Sheet-metal can.....	F. Westerbeck.....	868,514	Oct. 15	2032	570	130	1974
Sheet-metal can for lard and other articles. Slip-cover.....	B. H. Kannenberg.....	846,111	Mar. 5	805	169	127	206
Sheet-metal characters. Manufacturing.....	G. C. Garrison.....	862,629	Aug. 6	888	238	129	2360
Sheet-metal container.....	J. Brenzinger.....	875,317	Dec. 31	6149	1283-4	131	2277

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Sheet-metal-slitting machine.	G. B. Johnson.	865,908	Sept. 10	1806	503-4	130	594
Sheet-metal elbows. Machine for manufacturing.	A. G. Scherer and C. W. McKee.	844,411	Feb. 19	3117	668-9	126	2644
Sheet-metal handle.	J. B. Wise.	864,817	Sept. 3	79	23	130	27
Sheet-metal handle.	C. F. Pfalzgraf.	869,017	Oct. 22	2848	785	130	2256
Sheet-metal hanger-legs. Apparatus for forming.	H. T. Hallowell.	839,839	Jan. 1	66	16-17	126	19
Sheet metal. Manufacturing.	A. Ridd.	870,049	Nov. 5	273	75	131	93
Sheet-metal plates. Plant for beveling the edges of.	D. O. Paige.	861,672	July 30	5202	1430	129	1834
Sheet-metal receptacle.	L. F. Betts.	855,925	June 4	943	195	128	1931
Sheet-metal receptacle.	C. H. Stephenson.	868,895	Oct. 22	2660	736	130	2199
Sheet-metal receptacles. Forming.	L. C. Krummel.	874,346	Dec. 17	4186	881	131	1905
Sheet-metal receptacles. Press for closing and opening.	J. Merckens.	850,092	Apr. 9	2833	593	127	2341
Sheet-metal rim or felly.	C. Heart.	853,452	May 14	2176	452	128	592
Sheet-metal shovel.	J. C. Ross.	869,144	Oct. 22	3036	838	130	2313
Sheet-metal slip-cover can for lard and other articles.	J. Dister.	843,799	Feb. 12	1897	407	126	2303
Sheet-metal slip-cover can for lard and other materials.	J. Dister.	843,798	Feb. 12	1895	407	126	2303
Sheet-metal-slitting machine.	L. F. Curtis.	845,764	Mar. 5	61	12-13	127	19
Sheet-metal-spinning apparatus.	R. Clarke.	843,518	Feb. 5	1359	286	126	2132
Sheet-metal-stamping die.	D. R. Levin.	869,916	Nov. 5	59	18	131	20
Sheet-metal vessel.	F. Westerbeck.	850,861	July 9	2374	645	129	820
Sheet-metal-vessel-drawing machine.	E. H. Sloman.	851,630	Apr. 23	5841	1221	127	3180
Sheet-metal-vessel joint.	L. Libbman.	851,815	Apr. 30	6236	1300	127	3314
Sheet-metal vessels. Machine for making.	E. J. Wittebolle.	874,149	Dec. 17	3791	799	131	1840
Sheet-metal-working machine.	E. Riley.	867,417	Oct. 1	284	83	130	1402
Sheet-metal-working machine.	T. Vogt.	871,834	Nov. 26	3527	862-3	131	971
Sheet-registering device.	E. Dummer.	853,628	May 14	2539	527	128	685
Sheet-separating mechanism.	J. P. Knapp.	854,222	May 21	3775	780-1	128	1035
Sheet-winder.	H. K. Sandell.	848,400	Mar. 26	5384	1175	127	1443
Sheets, cards, envelopes, &c. Separating and feeding device for.	R. E. and A. Kemper.	862,172	Aug. 6	97	26-7	129	2114
Sheets. Controlling mechanism for machines acting on.	F. L. Cross.	854,078	May 21	3490	720	128	962
Sheets. Controlling mechanism for machines acting on.	F. L. Cross.	854,080	May 21	3495	721	128	964
Sheets or units. Apparatus for cutting, folding, and interfolding.	S. Wheeler.	843,781	Feb. 12	1862	397	126	2294
Sheets or units. Apparatus for cutting, folding, and interfolding.	S. Wheeler.	874,903	Dec. 24	5281	1113	131	2118
Shelf-bracket.	J. H. Morgan.	852,975	May 7	1244	256	128	317
Shelf-bracket.	H. T. Sorrell.	855,994	June 4	1064	221	128	1963
Shelf-bracket. Self-locking.	H. Thomas.	857,543	June 18	4078	866	128	2799
Shelf. Collapsible wall.	E. A. Campbell.	841,484	Jan. 15	3401	734	126	954
Shelf or rack.	G. E. Dean.	857,724	June 25	4442	938	128	2921
Shelf. Rotatable partition.	T. Van Kannel.	840,599	Jan. 8	1645	361-2	126	464
Shelf-support.	J. McDowell, Sr.	859,683	July 9	2114	570	129	738
Shelf-support system.	E. W. Bryant.	873,496	Dec. 10	2437	512	131	1591
Shelf-supporting bracket.	J. J. Worley and W. J. Thomas.	845,917	Mar. 5	400	81	127	103
Shelf. Swing.	F. W. Hunt.	872,941	Dec. 3	1305	276	131	1372
Shelf. Window.	R. B. Smart.	858,112	June 25	5255	1116	128	3126
Shelf. Window.	E. W. Thayer.	869,149	Oct. 22	3049	841	130	2319
Shelves. Anti-lost-motion device for pull-out.	L. Day.	857,271	June 18	3555	753	128	2666
Shelves, &c. Lifting attachment for.	J. Q. Primm.	859,247	July 9	1442	384	129	519
Shelving.	G. H. Hurteau.	869,491	Oct. 29	3598	986	130	2516
Shelving construction.	R. R. Belcher.	862,128	Aug. 6	11	3-4	129	2084
Shelving-support. Adjustable.	M. Taussig.	866,695	Sept. 24	2976	844	130	1020
Shell. Exploding.	A. Wratzke.	844,225	Feb. 12	2713	579	126	2506
Shell. Explosive hand-	N. W. Aasen.	871,156	Nov. 19	2099	564	131	717
Shell-grinding machine.	N. Barry, Jr., W. R. Waters, and A. F. Kefflo.	863,499	Aug. 13	2211	597	129	2805
Shell-winding machine.	G. H. Poor.	848,394	Mar. 26	5370	1170-2	127	1440
Shells. Apparatus for reshaping and restoring.	W. T. Alsop.	871,748	Nov. 19	3321	820	131	911
Shells. Loading short-range shot.	L. D. Christie.	873,346	Dec. 10	2166	452	131	1541
Shells. Scatter-load for shot.	L. D. Christie.	873,347	Dec. 10	2167	452	131	1541
Sheller.							
See Corn-sheller.							
Shepherd's crook.	C. Harding.	853,876	May 14	3046	626	128	811
Shield.	M. E. Patterson.	847,107	Mar. 12	2777	614	127	731
Shifting spanner or wrench.	F. Hartridge, T. G. Thorne, and E. Rookes.	870,510	Nov. 5	1004	273	131	324
Shingle. Earthenware.	F. Orlikowski and L. H. Koehnle.	855,475	June 4	65	14	128	1711
Shingle-machine.	F. W. Burpee.	864,750	Aug. 27	4147	1151-2	129	3467
Shingle-mold.	J. C. Herring.	855,633	June 4	362	75	128	1786
Shingle-package.	J. C. Alexander.	851,789	Apr. 30	6179	1289	127	3298
Shingle-packing frames. Counting attachment for.	J. H. Collins.	860,193	July 16	2882	788	129	1017
Shingling-bracket.	S. T. Wootan.	856,932	June 11	2896	607	128	2458
Shingling-gage.	P. L. Morris.	844,612	Feb. 19	3769	794	126	2797
Shingling-gage.	D. L. Edson.	861,579	July 30	5067	1390	129	1793
Shingling-gage for hatchets.	C. Vollmer.	856,434	June 11	1981	407	128	2230
Ship.	J. Reid.	862,510	Aug. 6	684	185-6	129	2299
Ship-bottom-cleaning device.	J. H. Pegram.	850,246	Apr. 16	3138	656	127	2461
Ship-bottom protector. Electrolytic.	J. H. Schoneberger and G. W. Frazier.	872,759	Dec. 3	924	192	131	1313
Ship-cleaning apparatus.	C. E. Arnold.	851,111	Apr. 23	4789	1007	127	2919
Ship-cleaning apparatus.	J. A. Kennedy-McGregor.	867,513	Oct. 1	431	122-3	130	1449
Ship-cleaning device.	R. B. Crump.	851,072	Apr. 23	4716	993	127	2902
Ship construction.	G. W. Maytham.	847,677	Mar. 19	3942	860	127	1055
Ship construction.	W. I. Babcock.	855,154	May 28	5026	1170-1	128	1535
Ship for carrying liquid cargoes in bulk.	C. E. Burney.	843,390	Feb. 5	1101	228	126	2069
Ship loading-hatchway.	J. Closter.	871,567	Nov. 19	3000	748	131	856
Ship-locks. Working.	O. Fumberger.	872,082	Nov. 26	4098	981-2	131	1055
Ship-salvage system.	A. B. Macklin.	865,193	Sept. 3	653	185	130	199
Ships. Automatic leak-indicator for.	C. Bergström.	875,040	Dec. 31	5617	1172	131	2190
Ships by submarine explosions. Means for preventing the destruction of.	H. Hoyoss.	860,382	July 16	3172	867	129	1112
Ships. Circular conveyer for.	J. C. Barr.	854,684	May 21	4620	963	128	1248

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Ships. Device for diminishing the rolling motion of.	R. Skutsch.	874,255	Dec. 17	4004	845-6	131	1875
Ships. Device for transporting.	E. C. West and A. F. Wolther.	857,264	June 18	3543	750	128	2663
Ship's hull.	O. Holby.	843,016	Feb. 5	357	77-8	126	1881
Ships' hulls. Apparatus for cleaning.	G. E. von Hoffmann.	845,301	Feb. 26	5148	1093	126	3188
Ships. Keel-block for.	T. H. Alcorn.	871,467	Nov. 19	2788	702	131	823
Ships or vessels. Transferring.	F. Roeder.	850,320	Apr. 16	3271	682	127	2498
Ship's plate.	J. Craig.	851,069	Apr. 23	4710	991	127	2901
Ships. Safety-float for.	R. Held.	856,402	June 11	1920	394	128	2215
Ships with coal or the like. Appliance for loading.	W. Bisset.	857,784	June 25	4556	963-4	128	2949
Shipping and display box or receptacle. Folding.	G. L. Born, A. Guttman, G. T. Anderson, and F. C. Vetting.	862,606	Aug. 6	856	229	129	2349
Shipping box or crate.	J. E. Hitch.	843,816	Feb. 12	1920	411	126	2309
Shipping box or crate.	J. E. Hitch.	861,516	July 30	4962	1363	129	1758
Shipping box or crate.	J. E. Hitch.	861,517	July 30	4963	1364	129	1759
Shipping box or crate. Knockdown.	J. E. Hitch.	843,815	Feb. 12	1919	411	126	2309
Shipping-case.	N. J. Busby.	849,352	Apr. 2	1466	298	127	1960
Shipping-case.	C. O. Wright.	852,010	Apr. 30	6653	1385	127	3419
Shipping-case.	N. J. Busby.	853,532	May 14	2340	487	128	634
Shipping-case.	W. E. Smith.	865,538	Sept. 10	1228	350	130	401
Shipping-case.	C. B. Chambers.	866,621	Sept. 24	2862	808	130	989
Shipping-case. Collapsible.	M. E. Tynes.	858,488	July 2	215	51	129	80
Shipping-receptacle.	A. J. Wurts.	861,152	July 23	4369	1199	129	1536
Shirt.	L. Bernstein.	845,999	Mar. 5	571	120	127	146
Shirt.	P. Kraemer.	856,591	June 11	2273	467	128	2303
Shirt.	L. Bernstein.	866,183	Sept. 17	2226	621	130	756
Shirt attachment.	W. W. Worth.	864,585	Aug. 27	3894	1081	129	3390
Shirt-sleeve.	G. M. Edgarton.	842,536	Jan. 29	5590	1183	126	1576
Shirt-waist.	M. Frerkson.	849,117	Apr. 2	1022	206	127	1849
Shirt-waist.	T. Müller.	863,869	Aug. 20	2764	760	129	3010
Shirt-waist and skirt adjuster.	L. Barnett.	865,226	Sept. 3	710	202	130	214
Shirt-waist attachment.	N. E. Hanna.	854,737	May 28	4753	987	128	1312
Shirt-waist holder and skirt-supporter.	M. E. McConnell.	854,301	May 21	3913	807	128	1072
Shirt-waist-retaining belt.	E. J. Montigny.	870,452	Nov. 5	917	248	131	300
Shoal-indicator.	W. Bangs.	871,556	Nov. 19	2981	743	131	852
Shock-absorber.	W. Mazzocco.	849,150	Apr. 2	1094	227	127	1869
Shock-absorber.	F. W. Battershall.	850,460	Apr. 16	3538	740	127	2565
Shock-absorber.	R. H. Smith.	852,001	Apr. 30	6632	1381	127	3414
Shock-absorber.	A. Krebs.	859,822	July 9	2306	627	129	800
Shock-absorber.	W. E. Slater.	870,254	Nov. 5	600	160	131	196
Shock-absorbing device.	J. C. Wands.	845,149	Feb. 26	4826	1024	126	3107
Shock-absorbing device.	J. C. Wands.	845,150	Feb. 26	4827	1024	126	3108
Shock-absorbing device.	G. S. Hill.	874,767	Dec. 24	5037	1061	131	2076
Shock-absorbing mechanism.	E. J. Young.	874,150	Dec. 17	3793	799-800	131	1840
Shock-binder.	A. Melin.	850,843	Apr. 16	4291	901	127	2755
Shock-binder.	A. L. Smith.	860,580	July 16	3470	954	129	1212
Shock-compressing device.	J. M. Schebler.	858,629	July 2	481	123	129	168
Shock-compressor.	E. M. Smithburg.	852,205	Apr. 30	7046	1471	127	3519
Shock-handling attachment for crop-treating machines.	J. B. Schuman.	840,019	Jan. 1	445	97	126	120
Shock-loader.	J. K. Sharpe, Jr.	840,021	Jan. 1	453	98	126	122
Shock-loader.	F. Mart.	841,556	Jan. 15	3523	762	126	987
Shock-loader.	O. E. Nelson.	842,417	Jan. 29	5329	1130	126	1511
Shock-loader.	A. Pfund.	844,742	Feb. 19	4037	860-1	126	2864
Shock-loader.	H. Hendrickson.	845,638	Feb. 26	5792	1224	126	3346
Shock-loader.	J. H. M. Niemann.	851,203	Apr. 23	4989	1048	127	2969
Shock-loader.	W. Peltier.	863,042	Aug. 13	1509	409-10	129	2585
Shock-loader.	D. W. Kemp.	867,662	Oct. 8	663	187-8	130	1535
Shock-loading apparatus.	R. Tanner.	871,456	Nov. 19	2767	697	131	819
Shoeker.	R. Woods.	875,031	Dec. 31	5593	1168	131	2187
Shocking attachment for binders.	J. T. Coulter.	865,870	Sept. 10	1748	487-8	130	578
Shocking attachment for binders.	J. A. Isaman and W. H. Mitchell.	865,902	Sept. 10	1797	501	130	592
Shoe.	G. C. Bemis.	841,763	Jan. 22	3957	485	126	1130
Shoe.	E. Hayes.	857,999	June 25	5024	1061	128	3067
Shoe.	S. A. Emanuel.	862,323	Aug. 6	356	98	129	2195
Shoe. Arch-supporting.	H. C. Welch.	850,862	Apr. 16	4328	908	127	2765
Shoe attachment.	J. Crook and J. Schwartz.	854,274	May 21	3869	798	128	1060
Shoe. Base-ball.	D. J. Golden.	860,024	July 16	2646	719	129	940
Shoe-cleaner.	S. Feld.	846,020	Mar. 5	618	129	127	159
Shoe-cleaner.	M. S. Hatch.	861,278	July 30	4592	1255	129	1644
Shoe-cleaner.	H. P. Frisch.	867,028	Sept. 24	3491	989	130	1189
Shoe cleaning and blackening device.	C. C. Griner.	856,863	June 11	2774	577	128	2429
Shoe cleaning and shining machine.	J. M. Wolkosky, F. Magidson, S. Printz, and A. Wolkosky.	868,620	Oct. 15	2226	618-19	130	2039
Shoe-cleaning device.	J. J. Polt.	850,396	Apr. 16	3422	717	127	2537
Shoe-creaser.	G. H. Wilkins.	870,265	Nov. 5	613	165	131	200
Shoe-dauber.	R. E. Saffold.	856,733	June 11	2549	523	128	2374
Shoe-dauber.	W. W. Peyton.	856,908	June 11	2858	597	128	2449
Shoe-dipping machine.	J. H. Wall.	862,526	Aug. 6	716	193	129	2308
Shoe-dipping machine.	J. H. Wall.	841,361	Jan. 15	3172	683	126	896
Shoe-fastener.	F. Paschen.	845,432	Feb. 26	5388	1144	126	3245
Shoe-fastener.	C. A. Spies.	846,702	Mar. 12	1976	434	127	532
Shoe-fastener.	E. L. Knapp.	864,172	Aug. 27	3221	892	129	3177
Shoe-fastening.	F. F. Dunne.	864,774	Sept. 3	13	4	130	6
Shoe-filler and making the same. Asbestos.	F. F. White.	864,277	Aug. 27	3384	129	129	3229
Shoe-fitting appliance.	C. W. Schell.	857,837	June 25	4666	990	128	2977
Shoe-form.	J. H. Eilers and W. C. Richardson.	859,599	July 9	1985	535	129	697
Shoe-form.	H. A. Weeks.	870,064	Nov. 5	300	83	131	102
Shoe-holder.	H. V. D. Waldron.	866,542	Sept. 17	2740	766	130	918
Shoe-horn.	H. G. Weeks.	865,462	Sept. 10	1091	311	130	362
Shoe making and repairing device.	L. Hackett.	866,129	Sept. 17	2149	598	130	732
Shoe. Pole-climbing.	C. F. and C. G. Youngquist.	857,430	June 18	3853	818	128	2740
Shoe-polisher.	M. Christenson.	854,407	May 21	4107	849-50	128	1122
Shoe-polisher.	H. C. Bluthenthal.	863,693	Aug. 20	2496	689	129	2925
Shoe-polishing device.	G. B. Dunn.	843,562	Feb. 5	1467	309	126	2158
Shoe-polishing device.	H. W. Dedels.	873,515	Dec. 10	2471	521	131	1597

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Shoe-polishing machine.....	P. Cumming.....	859,747	July 9	2200	596	129	766
Shoe-polishing machine.....	J. A. Brewer.....	863,352	Aug. 13	2000	539	129	2740
Shoe-polishing machine.....	J. M. Wolkosky, F. Magidson, S. Printz, and A. Wolkosky.	868,313	Oct. 15	1727	487-8	130	1883
Shoe-polishing machine.....	F. Magidson.....	868,351	Oct. 15	1781	503	130	1898
Shoe-polishing machine.....	F. Humphreville.....	869,435	Oct. 29	3507	963	130	2488
Shoe-polishing stand.....	D. W. Craig.....	864,954	Sept. 3	302	80	130	97
Shoe-protector.....	L. A. Doyle.....	843,199	Feb. 5	748	153	126	1984
Shoe-protector.....	E. Vaughan.....	875,560	Dec. 31	6611	1382	131	2354
Shoe-rack.....	L. P. Bowen.....	872,047	Nov. 26	4028	966	131	1043
Shoe-rack shoe-protector.....	F. L. Richardson.....	870,993	Nov. 12	1800	490	131	612
Shoe. Running.....	H. M. Hansen.....	859,382	July 9	1666	443	129	592
Shoe. Self stretching or shaping.....	E. A. Eastman.....	872,615	Dec. 3	618	130	131	1264
Shoe-shank.....	H. Brennan.....	861,947	July 30	5630	1560	129	1964
Shoe shank and ventilator. Combined.....	J. Ball.....	853,336	May 14	1972	408	128	539
Shoe-shank-making machine.....	A. D. Gurney and B. B. Water- man.	862,731	Aug. 6	1046	281-2	129	2405
Shoe-shank stiffener.....	F. G. Delbon.....	874,884	Dec. 24	5246	1105	131	2112
Shoe-shank-tacking machine.....	B. B. Waterman.....	842,984	Feb. 5	275	60-1	126	1859
Shoe-stretcher.....	D. W. Goodwin.....	853,077	May 7	1433	300	128	364
Shoe-stretcher.....	N. A. Lybeck.....	855,110	May 28	5543	1151	128	1513
Shoe. Swimming.....	R. G. Ayers.....	855,377	May 28	6018	1256	128	1635
Shoe-tacking machine.....	H. A. Ballard.....	844,647	Feb. 19	3830	812	126	2813
Shoe-tongue.....	W. J. Smith.....	864,206	Aug. 27	3282	910	129	3198
Shoe-tongue support.....	R. P. Thomas.....	858,681	July 2	555	143	129	192
Shoe-tree.....	W. L. C. Niles.....	840,008	Jan. 1	425	92	126	116
Shoe-tree.....	A. Fuller.....	849,894	Apr. 9	2499	515	127	2260
Shoe-tree.....	C. E. Bailey.....	868,318	Oct. 15	1736	490	130	1885
Shoe-tree and holder.....	E. G. Latta.....	869,498	Oct. 29	3606	989-90	130	2518
Shoe tree or stretcher. Adjustable.....	J. S. Hansen.....	857,055	June 18	3144	662	128	2564
Shoe. Turn.....	N. C. Small.....	866,973	Sept. 24	3399	962	130	1161
Shoe-turning machine.....	A. Eppler, Jr.....	851,737	Apr. 30	6082	1271	127	3273
Shoe-upper fastener.....	C. K. Sharood.....	846,252	Mar. 5	1061	228	127	270
Shoe-upper-holding device.....	J. S. Hansen.....	850,884	Apr. 16	4368	916	127	2777
Shoe-upper-pounding machine.....	S. J. Wentworth.....	844,293	Feb. 12	2862	610	126	2543
Shoe uppers and soles. Assembling.....	W. H. Hooper.....	861,180	July 23	4406	1210	129	1547
Shoe. Ventilating.....	M. Villacampa y Villacampa.....	853,386	May 14	2065	428	128	562
Shoe-ventilating device.....	C. R. Henricks.....	861,846	July 30	5481	1512	129	1917
Shoes. Ankle-stay for.....	A. Posner.....	874,862	Dec. 24	5206	1097	131	2106
Shoes. Making.....	E. Bavard.....	855,831	June 4	752	155	128	1884
Shoes. Manufacture of.....	F. G. Delbon.....	864,835	Sept. 3	113	31-2	130	37
Shoes. Manufacture of.....	F. G. Delbon.....	874,396	Dec. 24	4296	904	131	1955
Shoes. Stiffening-cap for.....	C. Wilmshofer.....	853,140	May 7	1545	321	128	390
Shoes. Tack puller and lifter for lasted.....	C. F. Pym.....	859,107	July 2	1217	327	129	410
Shoemaker's knife.....	F. Kleemann.....	871,416	Nov. 19	2680	681	131	805
Shoestring-fastener.....	H. Behrens.....	862,875	Aug. 13	1272	345	129	2508
Shortening composition.....	F. A. Lallemand.....	852,966	May 7	1223	.....	128	311
Shot. Making.....	T. E. Reddy.....	857,756	June 25	4508	951	128	2938
Shotgun construction.....	P. Fittipaldi and F. Santa Lucia.....	847,564	Mar. 19	3690	813	127	992
Shoulder-braces.....	C. C. Armstrong.....	840,895	Jan. 8	2221	488-9	126	608
Shoulder-braces.....	G. R. Craw and O. Miller.....	846,647	Mar. 12	1891	415	127	511
Shoulder-braces.....	G. R. Craw and O. Miller.....	851,070	Apr. 23	4711	992	127	2901
Shoulder-strap.....	F. A. Felts.....	860,794	July 23	3820	1047	129	1357
Shovel:							
See Cultivator-shovel. Sheet-metal shovel.							
Ditch-cleaning shovel. Snow-shovel.							
Ditching-shovel. Steam-shovel.							
Excavating-shovel. Trench-shovel.							
Power-shovel. Wheel-shovel.							
Power-operated shovel.							
Shovel.....	C. F. Smith.....	842,032	Jan. 22	4498	966	126	1261
Shovel.....	G. D. Ceska.....	846,824	Mar. 12	2229	488	127	597
Shovel.....	J. C. Ross.....	869,214	Oct. 22	3135	864	130	2346
Shovel.....	A. E. Baum.....	871,773	Nov. 26	3393	834	131	951
Shovel A-frame and connection. Steam-	O. Hetlesæter.....	875,431	Dec. 31	6382	1330	131	2314
Shovel and plow. Combined.....	M. J. Henry.....	845,549	Feb. 26	5620	1190-1	126	3304
Shovel-bucket.....	O. Hetlesæter.....	875,432	Dec. 31	6383	1330	131	2315
Shovel carrier. Intrenching.....	E. T. Gibson.....	845,348	Feb. 26	5233	1111	126	3208
Shovel-handle.....	F. Stewart.....	845,592	Feb. 26	5690	1206	126	3320
Shovel-tooth.....	J. A. Parsons.....	854,838	May 28	4964	1033	128	1366
Shovels. Scraper attachment for.....	W. H. Colclough.....	844,002	Feb. 12	2280	488	126	2397
Shovels. Scraper attachment for.....	R. J. Edwards.....	871,986	Nov. 26	3877	937	131	1022
Shovels. Tooth for excavating.....	F. J. Thomas. (Reissue).....	12,608	Feb. 12	2918	620	126	2556
Shoveling-board.....	D. Wilde.....	858,242	June 25	5489	1171	128	3186
Show-case.....	M. F. Gebhardt.....	843,143	Feb. 5	622	132	126	1953
Show-case.....	H. H. Sheldon.....	847,122	Mar. 12	2799	619	127	737
Show-case.....	M. S. Dietrick.....	852,875	May 7	1034	214	128	263
Show-case.....	E. S. Bedford.....	870,268	Nov. 5	617	166	131	201
Show-case.....	O. E. Pierce.....	870,314	Nov. 5	694	187	131	228
Show-case.....	D. M. Baldwin.....	873,403	Dec. 10	2269	473	131	1560
Show-case. All-glass knockdown.....	M. E. La Berge.....	845,650	Feb. 26	5810	1228	126	3355
Show-case. Glass.....	A. Olberg.....	866,054	Sept. 17	2042	569-70	130	698
Show-case. Illuminated.....	M. E. La Berge.....	845,652	Feb. 26	5815	1229	126	3300
Show-case or box.....	C. Fessler.....	862,461	Aug. 6	603	160	129	2277
Show-case. Semiknockdown all-glass.....	M. E. La Berge.....	845,651	Feb. 26	5813	1228	126	3351
Show-cases and the like. Adjustable leg for.....	J. Taussig.....	843,973	Feb. 12	2227	476	126	2386
Show-cases, &c. Coupling for converging ends of can- opy-standards for.....	E. E. Earnshaw.....	840,483	Jan. 8	1414	312	126	407
Show-cases. Sliding-door construction for.....	M. E. La Berge.....	845,729	Feb. 26	5975	1262	126	3392
Show-window corner-post construction.....	R. H. Jones.....	841,324	Jan. 15	3089	668	126	874
Shower-bath.....	C. Heaton.....	869,240	Oct. 29	3183	877	130	2387
Shut-off. Automatic.....	T. F. Goodfellow.....	840,312	Jan. 1	1052	229	126	281
Shut-off. Automatic.....	J. G. Hall.....	858,279	June 25	5546	1186	128	3200
Shutter.....	G. J. Scheuermann.....	868,132	Oct. 15	1438	404	130	1795
Shutter-blower.....	I. Wroblewski.....	840,677	Jan. 8	1782	393	126	499
Shutter construction.....	J. Brauchli.....	840,820	Jan. 8	2058	455-6	126	567

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Shutter-fastener.....	L. R. Eddy.....	866,116	Sept. 17	2135	594	130	728
Shutter-fastener lock.....	B. Albertson.....	856,669	June 11	2427	500	128	2342
Shutter. Flexible metallic.....	T. E. Collins.....	845,526	Feb. 26	5575	1181	126	3293
Shutter-operating device.....	A. K. Lovell.....	842,895	Feb. 5	101	25	126	1816
Shutter-operating device.....	A. K. Lovell.....	842,896	Feb. 5	103	25-6	126	1816
Shutter-operating device. Window-.....	H. N. Lowenthal.....	856,969	June 11	2969	622	128	2478
Shutter-operator.....	E. F. Stenman.....	846,520	Mar. 12	1620	359	127	441
Shutter-operator.....	R. Moskau.....	871,609	Nov. 19	3075	764	131	869
Shutter operator or worker.....	A. Del Valle.....	870,819	Nov. 12	1517	414	131	526
Shutter stay and adjuster.....	T. A. Weston.....	874,468	Dec. 24	4419	932	131	1977
Shutter-worker.....	E. Prescott.....	872,682	Dec. 3	766	160	131	1289
Shuttle.....	H. Lindsay.....	844,819	Feb. 19	4197	894	126	2907
Shuttle.....	F. Ott. (Reissue).....	12,634	Apr. 16	4389	919	127	2782
Shuttle.....	J. Robinson.....	854,531	May 21	4333	896	128	1176
Shuttle.....	E. C. Ives.....	869,845	Oct. 29	4147	1145	130	2680
Shuttle.....	J. A. Gallagher.....	870,355	Nov. 5	764	203	131	251
Shuttle.....	D. L. Norris.....	871,291	Nov. 19	2400	621	131	763
Shuttle. Automatic or self-threading.....	R. L. Cumnock.....	865,166	Sept. 3	608	171	130	185
Shuttle-box motions. Multiplier mechanism for.....	L. W. Lutton.....	863,862	Aug. 20	2755	757-8	129	3007
Shuttle-box-operating mechanism.....	H. Cane.....	839,988	Jan. 1	372	81	126	101
Shuttle-motion.....	G. M. Von Culin.....	873,470	Dec. 10	2382	501	131	1582
Shuttle-release motion.....	J. W. Killpatrick.....	844,874	Feb. 19	4293	916	126	2932
Shuttle. Self-threading.....	J. B. Daudein.....	858,443	July 2	122	33	129	41
Shuttle-spindle.....	W. Koehler.....	849,073	Apr. 2	919	188	127	1822
Shuttle. Weaving.....	C. C. Howland.....	855,511	June 4	130	27	128	1727
Sicative. Making a.....	L. G. Leffer.....	864,475	Aug. 27	3680	.....	129	3325
Sickle attachment. Pneumatic.....	G. I. Green.....	859,602	July 9	1989	536	129	699
Sickle-bar.....	H. Climer.....	866,917	Sept. 24	3314	936	130	1133
Side-delivery rake.....	E. C. Smith.....	864,868	Sept. 3	167	47	130	53
Side-frame construction.....	O. S. Pulliam.....	852,079	Apr. 30	6805	1417	127	3459
Sidewalk cleaner. Cement.....	F. V. Healy and J. H. Fox.....	853,171	May 7	1594	331	128	403
Sidewalk-light.....	E. A. Reich.....	849,020	Apr. 2	801	165	127	1791
Sidewalk-light.....	C. H. Ross.....	850,970	Apr. 23	4533	948	127	2855
Sidewalk or concrete construction.....	J. H. Schlafl'y.....	847,700	Mar. 19	3992	872	127	1067
Sidewalks, &c. Bracing for.....	J. Jacobs.....	861,655	July 30	5179	1421-2	129	1828
Sidewalks. Grate-supporting structure for.....	G. Harman.....	867,130	Sept. 24	3544	1035	130	1234
Sieve.....	G. E. Neuberth.....	862,275	Aug. 6	281	79	129	2170
Sieve. Adjustable.....	G. W. Stenz.....	871,647	Nov. 19	3133	778	131	879
Sieve-cleaner.....	C. Closz.....	873,719	Dec. 17	2886	613	131	1699
Sieve-cleaner.....	D. W. Marmon.....	844,030	Feb. 12	2329	499	126	2409
Sieve for sinks and the like.....	J. Olsen.....	874,030	Dec. 17	3498	744	131	1800
Sieve-holder.....	W. B. Van der Minden.....	852,044	Apr. 30	6752	1404	127	3445
Sieve. Separator.....	E. J. Vraalstad.....	842,036	Jan. 22	4503	967-8	126	1263
Sieve. Shaking.....	W. C. Black.....	874,291	Dec. 17	4082	860	131	1887
Sifter.....	J. F. Delany.....	871,571	Nov. 19	3004	749	131	857
Sifter. Ash.....	M. W. Quirk, Jr.....	841,894	Jan. 22	4237	912	126	1200
Sifter. Ash.....	P. M. Stanton.....	848,270	Mar. 26	5119	1117	127	1381
Sifter. Ash.....	S. J. Tobiasz.....	861,199	July 23	4441	1218	129	1560
Sifter. Ash.....	E. C. Clark.....	863,967	Aug. 20	2912	802	129	3055
Sifter. Ash.....	M. Froese.....	865,582	Sept. 10	1293	367	130	422
Sifter. Ash.....	A. M. Nelson.....	867,670	Oct. 8	674	190	130	1558
Sifter. Ash.....	N. Theisen and P. T. Becker.....	868,725	Oct. 22	2411	666	130	2121
Sifter. Ash.....	J. Guerin.....	871,929	Nov. 26	3736	910	131	1003
Sifter. Ash.....	T. P. Bolger.....	872,640	Dec. 3	675	141	131	1274
Sifter. Ash.....	J. Irving, Jr.....	873,049	Dec. 10	1568	328-9	131	1444
Sifter. Dustless ash.....	E. Elliott.....	872,560	Dec. 3	521	109	131	1247
Sifter. Flour.....	C. A. Carlson.....	841,310	Jan. 15	3067	664	126	867
Sifter for ashes, &c.....	S. W. Dunning.....	871,862	Nov. 26	3600	880	131	981
Sifter. Gyratory.....	J. M. Case.....	853,061	May 7	1405	293	128	357
Sifter. Gyratory.....	J. Warrington.....	858,930	July 2	968	252	129	352
Sifter. Household.....	W. J. McLoney and E. B. Preston.....	874,109	Dec. 17	3718	782-3	131	1825
Sifter. Toilet-powder.....	F. S. Dilworth.....	848,015	Mar. 26	4677	1019	127	1268
Sifting-machine.....	G. Hiller.....	869,085	Oct. 22	2953	815	130	2290
Sifting or screening apparatus.....	J. Gentrup.....	841,969	Jan. 22	4344	937	126	1226
Sight.....	C. and M. A. S. White.....	848,947	Apr. 2	680	137	127	1761
Sight.....	B. B. Westlake.....	852,047	Apr. 30	6757	1405	127	3447
Sight-feed.....	J. C. Hill.....	853,695	May 14	2677	551	128	722
Sight-feed. Fountain.....	C. C. Hill.....	862,913	Aug. 13	1324	361	129	2525
Sight-feed lubricator.....	P. Wertz.....	843,856	Feb. 12	2005	430	126	2329
Sight-feed lubricator.....	P. Binder.....	864,355	Aug. 27	3501	973	129	3265
Sight-feed lubricator.....	N. McCoy.....	873,675	Dec. 10	2776	589	131	1650
Sighting device.....	J. F. Meigs, H. G. Jakobsson, and S. Brand.....	866,208	Sept. 17	2256	629-30	130	765
Sign.....	A. G. Walin.....	843,779	Feb. 12	1860	396	126	2294
Sign.....	H. Christensen.....	848,288	Mar. 26	5168	1126	127	1393
Sign.....	P. Elleau.....	855,392	May 28	6043	1262	128	1640
Sign.....	H. L. Beach.....	855,747	June 4	594	122	128	1848
Sign.....	G. L. Crabb.....	856,227	June 11	1506	317	128	2108
Sign.....	A. A. Albright.....	860,071	July 16	2717	740	129	963
Sign.....	L. G. Wilhems.....	861,689	July 30	5226	1436	129	1841
Sign.....	W. M. Kerr.....	871,510	Nov. 19	2883	722	131	836
Sign.....	G. Bittle.....	874,156	Dec. 17	3804	802	131	1842
Sign. Adjustable.....	J. V. Petrusich.....	841,174	Jan. 15	2790	609	126	798
Sign. Advertising.....	J. J. Patterson.....	842,693	Jan. 29	5948	1253	126	1664
Sign. Advertising.....	J. M. and H. R. Dennis.....	851,074	Apr. 23	4719	993	127	2903
Sign. Automatic display.....	J. A. Viger.....	873,471	Dec. 10	2383	501-2	131	1582
Sign-board letters and the like. Manufacture of.....	F. Ebert.....	861,716	July 30	5271	1450	129	1853
Sign character.....	W. A. Zimmerman.....	846,970	Mar. 12	2520	556	127	670
Sign character.....	W. V. D. Kelley.....	865,255	Sept. 3	749	213	130	227
Sign. Display.....	G. W. Carr.....	865,356	Sept. 10	926	265-6	130	309
Sign. Display.....	J. Moses.....	871,289	Nov. 19	2391	620	131	762
Sign-displaying device.....	C. Hasty.....	853,083	May 7	1440	302	128	365
Sign. Electric.....	G. Howe.....	842,954	Feb. 5	223	50	126	1845
Sign. Electric.....	W. B. Garrett.....	849,226	Apr. 2	1229	250	127	1902
Sign. Electric.....	B. Wall.....	849,586	Apr. 9	1936	396	127	2116

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Sign. Electric.....	W. A. F. Becker.....	867,635	Oct. 8	627	177	130	1526
Sign. Electric.....	C. O. Lindstrom.....	868,674	Oct. 22	2321	643	130	2095
Sign. Electric.....	W. Wallace.....	869,468	Oct. 29	3564	977	130	2506
Sign. Enameled.....	E. Richardson.....	843,235	Feb. 5	815	168	126	2001
Sign-exhibitor. Automatic.....	F. A. Johnson, F. Weddemann, and E. Blankenberg.	848,657	Apr. 2	70	17	127	1602
Sign. Flash.....	J. S. Nesbitt.....	862,343	Aug. 6	384	106	129	2203
Sign. Illuminated.....	E. E. Bellamy.....	844,087	Feb. 12	2430	520	126	2432
Sign. Illuminated.....	J. Hotchner.....	844,940	Feb. 19	4400	940	126	2957
Sign. Illuminated.....	H. Ruger.....	849,574	Apr. 9	1906	390	127	2110
Sign. Illuminated.....	C. L. Carter.....	850,521	Apr. 16	3666	767	127	2598
Sign. Illuminated.....	H. Dreyer.....	860,285	July 16	3019	826-7	129	1063
Sign. Illuminated.....	J. Chester.....	873,921	Dec. 17	3287	702	131	1765
Sign. Luminous.....	P. L. Clark.....	842,860	Feb. 5	36	8	126	1798
Sign. Mechanically-operated.....	J. A. Wiedemann.....	854,190	May 21	3717	769	128	1021
Sign. Metal.....	M. Mayer.....	857,646	June 25	4283	904	128	2880
Sign. Moving display.....	T. B. Powers.....	842,582	Jan. 29	5673	1200	126	1596
Sign-operating mechanism.....	W. E. Putnam.....	865,526	Sept. 10	1206	344	130	397
Sign or indicator. Changeable.....	F. L. Fuller and C. S. Banghart.....	843,268	Feb. 5	895	182	126	2019
Sign. Street-car.....	W. Brundell.....	967,554	Oct. 1	495	142	130	1467
Sign. Street display.....	J. Kraus.....	848,253	Mar. 26	5074	1109	127	1368
Signs and labels. Producing.....	C. H. Babbe and J. T. Hrody.....	852,693	May 7	652	125	128	171
Signs and transparencies. Box for illuminated.....	G. E. Rainaud.....	845,478	Feb. 26	5500	1164	126	3274
Signs or advertisements. Apparatus for displaying illuminated multicolored.....	H. W. Chinnery.....	859,199	July 9	1368	363	129	491
Signal:							
See Air-signal. Railway-signal.							
Alarm-signal. Railway block-signal.							
Automatic signal. Railway-crossing signal.							
Bearing alarm-signal. nal.							
Block-signal. Railway semaphore-signal.							
Car-signal. Road-bed-washout signal.							
Conductor's signal. Semaphore-signal.							
Danger-signal. Telephone-signal.							
Electric signal. Toy signal.							
Electromagnetic signal. Toy-railway signal.							
Fire-truck signal. Track-spreading signal.							
Fog-signal. nal.							
Lubricator-signal. Train-signal.							
Mail-box signal. Train-order signal.							
Nautical signal. Visual signal.							
Pressure-gage signal.							
Signal.....	P. Marwedel.....	840,356	Jan. 1	1159	252	126	307
Signal.....	E. J. Condon.....	841,767	Jan. 22	3964	856-7	126	1131
Signal.....	E. A. Wolf.....	844,435	Feb. 19	3153	678	126	2654
Signal.....	W. H. Parrish, Jr.....	847,105	Mar. 12	2772	613	127	730
Signal.....	C. P. Ruggles.....	853,737	May 14	2770	570	128	746
Signal.....	H. W. Eden.....	858,064	June 25	5159	1092	128	3102
Signal.....	W. H. Nelson.....	860,935	July 23	4033	1104	129	1425
Signal.....	W. A. Richardson. (Reissue).....	12,684	Aug. 27	4168	1157	129	3473
Signal.....	C. R. Dowler.....	865,169	Sept. 3	613	173	130	186
Signal apparatus.....	W. B. Lane.....	840,135	Jan. 1	709	152	126	193
Signal apparatus.....	E. D. Malan.....	851,362	Apr. 23	5318	1114	127	3051
Signal apparatus.....	F. Gowin.....	867,123	Sept. 24	3632	1031	130	1231
Signal apparatus.....	C. W. Coleman.....	869,552	Oct. 29	3694	1014	130	2545
Signal apparatus. Automatic torpedo.....	F. T. Forbes and C. P. Hogan.....	860,599	July 16	3502	963	129	1222
Signal-bell. Electric.....	H. W. Eden.....	865,771	Sept. 10	1580	446	130	515
Signal-bell. Polarized electric.....	W. M. Thomas.....	846,522	Mar. 12	1623	360	127	442
Signal-board attachment. Safety.....	W. T. Gates.....	845,076	Feb. 26	4680	994	126	3068
Signal control. Electric.....	M. Abt.....	846,276	Mar. 5	1104	239-40	127	281
Signal-controlling mechanism.....	V. I. Smart.....	861,772	July 30	5361	1479-80	129	1880
Signal device.....	R. Dawson.....	861,954	July 30	5638	1563	129	1966
Signal device.....	P. Gray.....	868,546	Oct. 15	2092	584-5	130	1995
Signal device. Safety.....	M. Salmond.....	863,452	Aug. 13	2133	575	129	2781
Signal-drop.....	H. J. Heeney.....	860,132	July 16	2794	762	129	988
Signal-flag. Folding metallic.....	W. F. Walsh.....	844,637	Feb. 19	3907	805	126	2807
Signal flags, fuses, and torpedoes. Receptacle for.....	R. F. Stewart.....	844,481	Feb. 19	3262	704	126	2681
Signal interlocking device. Train-order.....	E. E. Overholt.....	868,289	Oct. 15	1674	473	130	1868
Signal-light.....	A. W. Collom.....	853,499	May 14	2275	471-2	128	617
Signal-light apparatus.....	G. Dalen.....	857,035	June 18	3103	655	128	2551
Signal-light apparatus.....	G. Dalen.....	859,372	July 9	1649	439	129	587
Signal mechanism.....	E. E. Flora.....	863,569	Aug. 13	2301	629-30	129	2830
Signal-operating device. Train.....	A. L. Wood.....	870,266	Nov. 5	614	165	131	201
Signal or alarm.....	B. F. Campbell.....	858,571	July 2	349	89	129	125
Signal-reading device.....	H. H. Brown.....	841,616	Jan. 15	3653	792	126	1019
Signal system.....	B. F. Merkel.....	868,354	Oct. 15	1786	504	130	1899
Signal system. Automatic electric.....	J. A. Gehring.....	868,424	Oct. 15	1898	533	130	1934
Signal system. Automatic stop.....	E. T. Ackerman.....	865,555	Sept. 10	1256	356	130	412
Signal system. Electric.....	C. L. Jungerich.....	841,403	Jan. 15	3244	700	126	913
Signal system. Electric.....	E. Chouteau, Jr.....	847,905	Mar. 19	4419	969-70	127	1168
Signal system. Electric.....	W. M. Thomas.....	849,287	Apr. 2	1336	270-1	127	1929
Signal system. Electric.....	A. L. Sohni.....	862,209	Aug. 6	161	45-6	129	2134
Signal system. Mining.....	N. S. Richmond.....	850,100	Apr. 9	2847	596	127	2345
Signal system. Selective.....	E. F. Bliss.....	848,958	Apr. 2	701	141	127	1766
Signal system. Supervisory.....	C. F. Patterson.....	852,344	Apr. 30	7283	1531	127	3577
Signal-transmitter. Recording.....	R. A. Baldwin.....	841,105	Jan. 15	2669	584	126	767
Signals. Apparatus for producing submarine sound.....	A. J. Mundy and H. B. Gale.....	842,327	Jan. 29	5118	1088-90	126	1450
Signals at danger. Lock for holding.....	C. W. Coleman.....	866,280	Sept. 17	2333	650	130	790
Signals. Clock mechanism for.....	F. O. Warner.....	854,066	May 21	3467	715	128	956
Signals. Transmission of.....	A. Ferrin.....	849,919	Apr. 9	2540	525-6	127	2271
Signaling and testing mechanism. Electric.....	J. Doran, Jr.....	859,598	July 9	1983	534-5	129	697
Signaling apparatus.....	G. F. Atwood.....	842,377	Jan. 29	5244	1112-13	128	1487
Signaling apparatus.....	C. W. Coleman.....	846,779	Mar. 12	2132	468-9	127	573
Signaling apparatus.....	H. G. Brown and E. D. Malan.....	847,157	Mar. 12	2857	630-1	127	753
Signaling apparatus.....	W. L. McWhorter.....	874,228	Dec. 17	3957	835	131	1867

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Signaling apparatus. Automatic.	J. S. Anderson.	865,848	Sept. 10	1723	479-80	130	572
Signaling apparatus. Block.	J. D. Taylor.	874,042	Dec. 17	3536	753	131	1804
Signaling apparatus. Electric.	F. B. Herzog.	870,102	Nov. 5	347	97	131	115
Signaling apparatus. Electrical.	J. D. Peachey.	840,159	Jan. 1	749	163	126	203
Signaling apparatus. Electrical.	W. W. Lovett.	858,611	July 2	431	112-13	129	153
Signaling apparatus for tramways.	J. M. H. Renson.	864,488	Aug. 27	3699	1031	129	3331
Signaling by light-rays.	W. Churchill.	851,495	Apr. 23	5570	1168	127	3113
Signaling device.	R. H. McCrackin.	848,482	Mar. 26	5536	1206	127	1483
Signaling device. Automatic.	L. Caputo.	873,839	Dec. 17	3145	670	131	1739
Signaling device. Automatic electric.	A. J. Roy.	862,589	Aug. 6	828	220-1	129	2340
Signaling device. Electric.	E. L. Orcutt.	855,966	June 4	1005	211	128	1947
Signaling device. Electric.	E. L. Orcutt.	855,967	June 4	1010	211	128	1949
Signaling device. Electric.	E. L. Orcutt.	855,968	June 4	1013	211	128	1950
Signaling device. Electric.	J. A. Baker.	863,252	Aug. 13	1863	501	129	2695
Signaling device. Electric.	A. Larsson.	864,971	Sept. 3	333	89	130	106
Signaling device. Electrical.	J. P. Williams.	874,372	Dec. 17	4238	892-3	131	1914
Signaling device. Fog.	E. P. Donnelly.	860,451	July 16	3282	896	129	1148
Signaling device. Headlight.	F. Wessel.	870,066	Nov. 5	302	83	131	102
Signaling device. Safety car.	G. W. Goddard.	875,063	Dec. 31	5654	1179-80	131	2197
Signaling device. Torpedo.	E. E. Blain.	854,194	May 21	3722	770	128	1022
Signaling. Electric.	J. B. Struble.	849,170	Apr. 2	1126	227-8	127	1876
Signaling. Electric.	J. B. Struble.	849,171	Apr. 2	1131	228	127	1877
Signaling. Electric.	J. B. Struble.	849,172	Apr. 2	1133	228	127	1878
Signaling. Electric.	D. M. Daboo.	875,413	Dec. 31	6342	1322	131	2309
Signaling from moving trains. Electrically.	A. D. Jones.	863,609	Aug. 20	2381	653-4	129	2887
Signaling. Harmonic selective.	W. W. Dean.	841,640	Jan. 15	3689	800-1	126	1028
Signaling instruments. Casing for electric.	E. W. Vogel.	849,343	Apr. 2	1449	294-5	127	1956
Signaling-key.	O. F. Forsberg and J. A. Birsfield.	855,168	May 28	5650	1175-6	128	1541
Signaling mechanism.	W. A. Pearce.	856,290	June 11	1649	342	128	2144
Signaling mechanism. Electric.	J. F. Webb, Jr.	870,328	Nov. 5	717	193	131	235
Signaling. Polystation.	W. W. Dean.	840,995	Jan. 8	2410	527	126	656
Signaling. Receiver for systems of submarine.	L. I. Blake.	852,760	May 7	771	152-3	128	201
Signaling. Submarine.	L. I. Blake.	852,647	May 7	550	105	128	144
Signaling. Submarine.	L. I. Blake.	852,648	May 7	553	105	128	145
Signaling system.	E. E. Kleinschmidt.	869,576	Oct. 29	3744	1025	130	2561
Signaling system.	W. W. Salmon.	871,960	Nov. 26	3799	922	131	1013
Signaling system.	C. W. Coleman.	872,713	Dec. 3	831	173	131	1298
Signaling system.	C. W. Coleman.	872,798	Dec. 3	996	207-8	131	1326
Signaling system.	E. Garretson.	852,502	May 7	246	45	128	70
Signaling system.	G. H. Bowen.	856,511	June 11	2109	433-4	128	2262
Signaling system and selective mechanism therefor. Electric.	J. F. Webb, Jr.	859,473	July 9	1780	478-9	129	631
Signaling system. Automatic.	I. Kitsee.	859,950	July 16	2517	683-4	129	897
Signaling system. Electric.	F. W. Prentice.	843,550	Feb. 5	1437	303	126	2152
Signaling system. Electric.	E. L. Orcutt and R. Sheldon.	855,727	June 4	546	113	128	1835
Signaling system. Electric.	W. H. Gilman.	870,622	Nov. 12	1176	319-21	131	416
Signaling system. Electric block.	A. J. Wilson.	842,366	Jan. 29	5212	1107	126	1477
Signaling system. Electric block and block-section.	A. J. Wilson.	842,367	Jan. 29	5216	1107	126	1478
Signaling system. Electrical.	E. R. Brodton.	840,428	Jan. 1	1290	284	126	338
Signaling system. Fire and police.	W. Condon.	848,636	Apr. 2	26	6-7	127	1591
Signaling system for alternating currents.	L. H. Thullen.	858,120	June 25	5268	1118	128	3129
Signaling. System of selective electric.	S. A. Reed.	863,875	Aug. 20	2772	763	129	3012
Signaling system. Selective.	W. W. Kidney.	863,924	Aug. 20	2849	784	129	3036
Signaling system. Single-track.	R. J. Hewett.	842,315	Jan. 29	5087	1084	126	1442
Signaling system. Submarine.	L. I. Blake.	852,646	May 7	548	104	128	144
Signaling system. Supervisory.	H. G. Webster.	853,287	May 14	1856	386	128	504
Signaling system. Train.	J. S. Anderson.	850,511	Apr. 16	3647	762-3	127	2593
Signaling system. Wireless.	S. Eisenstein.	851,621	Apr. 23	5825	1217	127	3176
Signaling system. Wireless.	J. L. Jones.	869,714	Oct. 29	3957	1091-2	130	2624
Signaling systems. Controlling mechanism for electric.	W. H. Gilman.	864,129	Aug. 20	3152	873	129	3128
Signaling. Transmitter for systems of submarine.	L. I. Blake.	852,649	May 7	556	106	128	145
Signature-conveying and wire-stitching machine.	C. A. Juengst.	846,923	Mar. 12	2425	532-3	127	646
Signature-gatherer.	C. L. Smith.	875,384	Dec. 31	6279	1309	131	2299
Signature-gathering machine.	W. I. Lewis.	868,195	Oct. 15	1522	432-3	130	1821
Silage. Cactus.	S. S. Matthews.	866,496	Sept. 17	2673	.....	130	899
Silicids. Producing.	E. F. Price.	873,328	Dec. 10	2125	443	131	1535
Silicon carbide. Making.	H. N. Potter.	875,673	Dec. 31	6964	.....	131	2393
Silicon dioxide. Making.	H. N. Potter.	875,674	Dec. 31	6964	.....	131	2393
Silicon. Making.	H. N. Potter.	875,285	Dec. 31	6088	.....	131	2268
Silicon. Making.	H. N. Potter.	875,672	Dec. 31	6963	.....	131	2393
Silicon monoxid powder. Preparing.	H. N. Potter.	875,676	Dec. 31	6965	.....	131	2394
Silicon monoxid. Producing.	H. N. Potter.	875,286	Dec. 31	6089	.....	131	2268
Silicon monoxid. Producing.	H. N. Potter.	875,675	Dec. 31	6964	.....	131	2394
Silicopiegl. Producing.	E. F. Price.	861,225	July 23	4482	1229	129	1572
Silk and other silk goods. Manufacture of artificial.	H. E. A. Vittenet.	842,125	Jan. 22	4667	.....	126	1303
Silk-degumming machine.	C. Ferenbach and G. F. Macfarlane.	862,326	Aug. 6	363	99	129	2197
Silk-reclaiming machine.	F. W. Midgley.	848,039	Mar. 26	4717	1028	127	1278
Silk. Ungumming.	P. Schmid.	848,605	Mar. 26	5780	.....	127	1543
Silk. Weighting.	C. Simon.	840,264	Jan. 1	958	.....	126	260
Silkworm-breeding device.	D. Kaukaseli.	867,138	Sept. 24	3653	1038	130	1236
Silo.	W. H. Limberg.	848,110	Mar. 26	4833	1055	127	1307
Silo.	W. M. Phillips.	848,319	Mar. 26	5234	1142	127	1409
Silo.	F. E. Hudson.	851,091	Apr. 23	4756	1001	127	2910
Silo.	W. Clement.	852,105	Apr. 30	6863	1434	127	3472
Silo.	A. O. Hubbard.	853,696	May 14	2679	551-2	128	723
Silo.	G. P. Youmans.	854,010	May 21	3337	685-6	128	925
Silo.	A. Walrath and E. L. Traver.	858,841	July 2	838	218	129	290
Silver and formonucleic acids. Compound of.	O. Degner.	852,545	May 7	334	.....	128	91
Silver and nucleic acids. Compound of.	O. Degner.	852,544	May 7	333	.....	128	91
Singing and winding machine.	W. C. Perry.	867,297	Oct. 1	103	32	130	1345
Singing-machine.	F. C. and A. Scholler and J. C. Dempsey.	866,310	Sept. 17	2413	673	130	816
Single-trigger mechanism.	W. H. Brown.	864,826	Sept. 3	93	26	130	31
Sink.	M. Acker.	863,825	Aug. 20	2701	745	129	2991

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Sink, bath, and wash tub. Combined	W. J. Minns	849,254	Apr. 2	1277	259	127	1914
Sink-strainer	N. Lyke	852,233	Apr. 30	7095	1484	127	3532
Siphon	J. F. Harrigan	848,365	Mar. 26	5318	1159	127	1427
Siphon	W. S. Shields	848,696	Apr. 2	154	32	127	1626
Siphon	H. B. Peacock	851,898	Apr. 30	6405	1337	127	3357
Siphon	W. S. Shields	873,961	Dec. 17	3361	716	131	1778
Siphon. Alternating	R. C. De La Hunt	869,482	Oct. 29	3583	982	130	2511
Siphon. Alternating	S. W. Miller	872,076	Nov. 26	4086	978-9	131	1052
Siphon. Automatic double-flushing	C. H. Linn	860,396	July 16	3196	874	129	1120
Siphon-head	C. Walter	851,459	Apr. 23	5503	1152	127	3097
Siphon-head	F. B. Lomax	870,788	Nov. 12	1463	395	131	507
Siphon. Plural alternating	S. W. Miller	857,355	June 18	3712	784-5	128	2706
Siphon-separator	J. E. Nelson	864,678	Aug. 27	4041	1122	129	3434
Siphon. Triple alternating	S. W. Miller	847,592	Mar. 19	3754	823	127	1010
Siphons. Controlling device for deep-seal	S. W. Miller	871,427	Nov. 19	2705	685	131	809
Siphons or seltzogenes. Apparatus for charging.	P. Giron	872,812	Dec. 3	1029	216-17	131	1330
Siphoning device	J. T. McKinnon	851,688	Apr. 30	5991	1250	127	3248
Sizing-machine. Hydraulic	L. C. Graupner	872,620	Dec. 3	633	133	131	1266
Sizing or finishing media. Manufacture of	G. Morgupuro	849,413	Apr. 9	1578	-----	127	2027
Skate	B. A. Cure	857,925	June 25	4837	1025	128	3018
Skate	E. H. Barney	861,247	July 30	4526	1238	129	1618
Skate	C. K. Hoerle	863,605	Aug. 20	2377	652	129	2886
Skate. Motor	C. I. Matson	854,299	May 21	3909	806	128	1071
Skate. Roller	A. Armband	862,431	Aug. 6	545	146	129	2259
Skate. Roller	F. L. Rumble	862,849	Aug. 6	1235	333	129	2461
Skate. Roller	P. G. Pilz	864,333	Aug. 27	3463	964	129	3252
Skate. Roller	P. G. Pilz	864,334	Aug. 27	3464	964	129	3253
Skate. Roller	B. Doms	864,622	Aug. 27	3954	1097	129	3407
Skate. Roller	G. S. Slocum	865,441	Sept. 10	1055	301	130	350
Skate. Roller	C. M. Palmer	873,889	Dec. 17	3231	689	131	1755
Skate. Roller	C. M. Faust and M. B. Grout	875,165	Dec. 31	5849	1221	131	1229
Skate truck. Roller	C. F. Miller	852,570	May 7	399	73	128	105
Skate wheel. Roller	W. W. French	853,447	May 14	2164	450	128	588
Skate wheel. Roller	T. S. Leitch	873,874	Dec. 17	3203	682	131	1750
Skates. Safety-wheel for roller	R. I. Towle	863,675	Aug. 20	2471	682	129	2917
Skating course or track	A. F. Devereux	849,665	Apr. 9	2074	426	127	2151
Skating-rink	F. L. Oleson	854,903	May 28	5111	1063	128	1405
Skating-rink floor. Portable roller	F. R. Young	867,330	Oct. 1	153	45	130	1360
Skee-stirrup	C. Nordlander	870,741	Nov. 12	1373	376	131	482
Skelp-charger	W. E. Sandford	868,892	Oct. 22	2657	734-5	130	2198
Skiameter	N. K. Standart	852,857	May 7	1004	208	128	256
Skid	C. Sheley	873,272	Dec. 10	1990	417	131	1515
Skid and truck	F. W. Young	843,654	Feb. 12	1640	348	126	2239
Skid-setting gage	F. Hughes	839,932	Jan. 1	259	56	126	72
Skillet	E. A. Hudson	863,536	Aug. 13	2258	612	129	2819
Skimmer	J. F. Irby	858,291	June 25	5566	1190	128	3205
Skimmer. Milk-bottle	H. W. Pickard	845,706	Feb. 26	5925	1252	126	3379
Skimmer. Siphon	C. Harbert	872,232	Nov. 26	4402	1046	131	1103
Skin-treating apparatus	W. R. Smith	867,847	Oct. 8	946	269	130	1621
Skins and hides. Scudding	K. A. Ernst	850,146	Apr. 16	2946	617	127	2409
Skins, &c. Apparatus for drying	W. R. Smith	867,848	Oct. 8	947	270	130	1622
Skins, &c. Apparatus for treating	W. R. Smith	864,343	Aug. 27	3476	967-8	129	3257
Skins. Machine for applying liquid to	W. B. Turner	840,597	Jan. 8	1639	360-1	126	463
Skins. Treating	A. Granville	866,458	Sept. 17	2624	-----	130	884
Skinning machine. Fat-back	A. M. Gill	866,354	Sept. 17	2490	695	130	841
Skinning-tool	J. C. Boyle	872,272	Nov. 26	4465	1061	131	1115
Skirt	C. J. Sorensen	850,264	Apr. 16	3166	662	127	2469
Skirt and garment marking device	J. M. Beere	851,642	Apr. 30	5894	1232	127	3225
Skirt and suit hanger	D. A. Wedmore	866,754	Sept. 24	3074	867	130	1060
Skirt and trousers hanger	G. H. Wheary	864,114	Aug. 20	3123	864	129	3120
Skirt-bottom-turning device	M. A. Kelly	854,294	May 21	3902	804	128	1069
Skirt. Dress	S. L. Wallis	874,551	Dec. 24	4614	970	131	2004
Skirt-gage	M. L. Pratt-Chadwick	862,280	Aug. 6	288	81	129	2172
Skirt-gage. Dress	J. La More	873,882	Dec. 17	3220	686	131	1753
Skirt-gage. Dressmaker's	W. L. Tucker	863,677	Aug. 20	2473	682	129	2917
Skirt-gage. Dressmaker's	J. Trauner	864,939	Sept. 3	274	73	130	87
Skirt-gage. Dressmaker's	O. Kenney	865,256	Sept. 3	750	213	130	227
Skirt-hanger	M. Beitman	842,166	Jan. 29	4786	1022	126	1367
Skirt-hanger	M. H. Cazier	843,794	Feb. 12	1889	405	126	2301
Skirt-hanger	J. C. Liberty	858,298	June 25	5581	1193	128	3209
Skirt-holder	F. H. Newton	866,669	Sept. 24	2936	831	130	1009
Skirt. Hoop	M. J. Hosac	839,931	Jan. 1	258	55	126	72
Skirt. Lady's	J. Greenwald	855,885	June 4	856	177	128	1910
Skirt-marker	F. H. Schofield and A. Herd	842,713	Jan. 29	5989	1263	126	1674
Skirt-marker	W. H. Simmons	849,341	Apr. 2	1446	293-4	127	1956
Skirt marker. Dress	C. Knopf	865,397	Sept. 10	992	284	130	330
Skirt. Maternity	R. H. Peters	873,167	Dec. 10	1797	377	131	1481
Skirt or attachment therefor	W. Padernacht	853,993	May 21	3306	680	128	917
Skirt-protecting garment	F. N. Cartwright	868,410	Oct. 15	1879	527	130	1928
Skirt-support and blouse-stay	I. B. Hogan	844,021	Feb. 12	2314	495	126	2405
Skirt-supporter	B. F. Johnson	842,317	Jan. 29	5102	1085	126	1446
Skirt-supporter	W. Klinge	843,464	Feb. 5	1231	258	126	2101
Skirt-supporter	W. R. White	843,782	Feb. 12	1864	398	126	2295
Skirt-supporter	L. B. Shelton	848,212	Mar. 26	4996	1091	127	1349
Skirt-supporter	W. C. Ladd	852,511	May 7	268	49	128	74
Skirt-supporter	F. J. Martin	865,788	Sept. 10	1604	454	130	521
Skirt-supporter	A. Grosser	868,983	Oct. 22	2790	770	130	2238
Skirt-supporter. Adjustable	A. Cleves	873,348	Dec. 10	2168	453	131	1541
Skirt-supporter and waist-retainer. Combined	W. S. Brainerd	840,745	Jan. 8	1926	424	126	535
Skirt-supporter and waist-stay	C. D. Fletcher	851,805	Apr. 30	6222	1297	127	3310
Skirt-supporter, placket-closer, and waist-holder. Combined	R. S. Valentine	858,041	June 25	5098	1080	128	3085
Skirt-trimmer	H. R. Shafer	851,883	Apr. 23	5363	1123	127	3063
Skirt trimmer and marker. Combination	E. N. McKelvey and I. E. Eells	871,731	Nov. 19	3277	811	131	905
Skirts. Bustle attachment for	W. P. Jorde	848,554	Mar. 26	5660	1240	127	1513
Skittle	M. Pieper	855,806	June 4	699	142	128	1872

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Skittles. Stand or supporting-base for	M. Pieper	860,821	July 23	3851	1056	129	1367
Skiving-machine	G. W. Fairbank	869,889	Nov. 5	25	7	131	10
Skylight	J. Flynn	850,361	Apr. 16	3354	700	127	2519
Skylight-fastening	C. Rosenheim	866,070	Sept. 17	2068	577	130	707
Skylight-operator	H. F. Russell	844,691	Feb. 19	3926	830-1	126	2837
Skylight structure	W. F. Plass	850,487	Apr. 16	3601	753	127	2581
Skylight structure	W. F. Plass	854,235	May 21	3802	784	128	1043
Slab and core holder	W. J. Evans	866,446	Sept. 17	2607	728	130	880
Slack-adjuster	C. O. Anderson	850,202	Apr. 16	3059	641	127	2438
Slack-adjuster	C. O. Anderson	853,210	May 14	1706	353	128	463
Slack-adjuster	A. Parker-Smith	860,236	July 16	2955	807-8	129	1040
Slack-adjuster	A. Parker-Smith	860,237	July 16	2957	808	129	1041
Slack-adjuster	A. Parker-Smith	860,238	July 16	2958	808	129	1041
Slack-adjuster	A. Parker-Smith	860,239	July 16	2959	809	129	1042
Slack-adjuster	A. Parker-Smith	860,240	July 16	2960	809	129	1042
Slack-adjuster	A. Parker-Smith	860,241	July 16	2961	809	129	1043
Slack-adjuster	A. Parker-Smith	860,242	July 16	2962	809	129	1044
Slack-adjuster	A. Parker-Smith	860,243	July 16	2964	810	129	1044
Slack-adjuster	W. H. Sauvage	860,249	July 16	2971	812	129	1047
Slack-adjuster	A. Parker-Smith	867,672	Oct. 8	676	191	130	1539
Slack-adjuster	W. H. Sauvage	867,676	Oct. 8	680	192-3	130	1541
Slack-adjuster	W. H. Sauvage	867,677	Oct. 8	684	193	130	1542
Slack-adjuster	W. H. Sauvage	867,678	Oct. 8	686	193	130	1543
Slag-breaking machine	C. G. Lindstrand	874,692	Dec. 24	4887	1027-8	131	2051
Slag-handling plant	V. R. Browning	861,803	July 30	5421	1494	129	1898
Slags, &c., for the production of cementitious material. Treatment of blast-furnace	B. Bruhn	859,166	July 2	1317	.....	129	444
Slat-adjuster	J. C. Smith	852,856	May 7	1003	208	128	256
Slat-operating mechanism	B. Albertson	869,473	Oct. 29	3570	979	130	2508
Slate-jig	S. J. Kerrigan	865,185	Sept. 3	643	181	130	196
Slater's support	F. F. Haskell	863,173	Aug. 13	1732	465	129	2655
Sled	G. Koch	848,910	Apr. 2	630	126	127	1750
Sled	R. E. Foote	869,170	Oct. 22	3071	848	130	2326
Sled	L. Theriault	869,596	Oct. 29	3771	1032	130	2570
Sled	L. J. Collins	870,493	Nov. 5	973	266	131	315
Sled	I. Sellstone	871,642	Nov. 19	3126	776	131	878
Sled	L. D. Hyatt	875,268	Dec. 31	6046	1261	131	2263
Sled. Automobile	J. M. Lambert	850,763	Apr. 16	4130	864	127	2714
Sled-brake	J. F. Irons	862,165	Aug. 6	80	23	129	2110
Sled-brake	W. H. Stevenson	862,523	Aug. 6	712	191	129	2307
Sled-brake	J. Anderson	863,771	Aug. 20	2615	723	129	2963
Sled-brake	J. D. Hare	870,361	Nov. 5	793	212	131	259
Sled-brake	G. S. Gudmundson	873,124	Dec. 10	1715	358	131	1468
Sled-brake	J. Wickberg	874,145	Dec. 17	3783	797	131	1838
Sled. Cardboard	E. W. Burf and H. S. Chapin	853,624	May 14	2533	525	128	683
Sled. Coasting	C. M. Thomas	868,031	Oct. 15	1297	359	130	1753
Sled. Manually-propelled	F. T. Nobles	848,488	Mar. 26	5547	1210	127	1485
Sled or go-cart. Folding	I. Rautenberg	846,618	Mar. 12	1836	404	127	497
Sled. Perambulator	W. Haxton	867,039	Sept. 24	3510	996	130	1194
Sled-propeller	J. J. Hansel	855,306	May 28	5899	1230	128	1604
Sled-runner	J. Pedersen	840,953	Jan. 8	2338	513	126	637
Sled-runner	F. Bryer	848,805	Apr. 2	379	76	127	1685
Sled-runner	E. C. Burgess	861,948	July 30	5630	1560-1	129	1964
Sled-runner attachment	W. J. La Fleur	874,969	Dec. 31	5471	1143	131	2166
Sled-runner roller attachment	W. J. La Fleur	847,789	Mar. 19	4160	908	127	1107
Sled rutter. Logging	E. Doyle	851,199	Apr. 23	4979	1046	127	2966
Sled. Self-propelled	E. F. Bartlett	865,289	Sept. 3	807	232	130	243
Sleds. Wheel-runner for	H. F. Castle	841,623	Jan. 13	3663	794	126	1022
Sledge	F. Brandner	861,946	July 30	5629	1560	129	1964
Sleeping-bag	H. W. Wilson	867,507	June 18	4008	853	128	2779
Sleeping-bag. Pneumatic	T. A. Abbott	867,464	Oct. 1	353	102	130	1422
Sleeve and skirt board. Combined	B. M. Hallaren	862,818	Aug. 6	1183	318	129	2445
Sleeve-holder	A. T. Moore	843,226	Feb. 5	804	165	126	1998
Sleeve-holder	H. M. M. Barnes	850,721	Apr. 16	4058	848	127	2697
Sleeve-iron	S. McLaughlin	871,733	Nov. 19	3280	812	131	906
Sleeve. Split	W. Thomas	867,169	Sept. 24	3711	1050	130	1258
Sleigh	H. A. Le Baron	847,954	Mar. 19	4520	991-2	127	1192
Sleigh	W. G. Edwards	874,750	Dec. 24	5004	1054	131	2070
Sleigh and boat. Combined	A. Pfeifer	861,607	July 30	5110	1404	129	1807
Sleigh attachment	W. A. Bertram	871,907	Nov. 26	3682	898	131	996
Sleigh-brake	W. L. Marchand	866,947	Sept. 24	3364	951	130	1149
Sleigh. Kicking	O. A. Ritzman	841,447	Jan. 15	3330	719	126	936
Sleigh-knee	E. D. Barton and A. T. Huckstead	850,893	Apr. 23	4403	921	127	2824
Sleigh-knee	J. B. Hennemann	860,294	July 16	3032	830	129	1066
Sleigh. Motor	A. Luchinger	873,062	Dec. 10	1597	334	131	1449
Sleigh-runner	H. J. Schneider and H. Tietz	856,988	June 11	3008	632	128	2487
Sleigh running-gear	E. Perry	862,013	July 30	5713	1585	129	1988
Sleigh. Spring	D. C. Markham	851,819	Apr. 30	6248	1303	127	3318
Slicer. Fruit and vegetable	J. E. Walston	875,473	Dec. 31	6457	1349	131	2328
Slicer. Meat	F. P. Burkhardt	857,155	June 18	3336	704	128	2610
Slicer. Potato	R. E. Atkinson and T. A. Teate	843,427	Feb. 5	1162	244	126	2082
Slicer. Vegetable	U. A. Imes and H. A. Skillin	853,796	May 14	2875	591	128	772
Slicer. Vegetable	R. C. Ezekiel	872,919	Dec. 3	1255	268	131	1365
Slicing-board	F. J. Creque	864,833	Sept. 3	111	31	130	36
Slicing-machine	E. A. Seaburg	867,844	Oct. 8	940	268-9	130	1620
Slicing-machine	F. D. Prettyman	873,601	Dec. 10	2655	559	131	1627
Slicing machine. Fruit	C. M. Heffron	862,821	Aug. 6	1186	319-20	129	2446
Slicing machine. Meat	R. B. Pumphrey	859,248	July 9	1443	384	129	520
Slicing meat, sausages, and other edibles. Machine for	A. Brinnhäuser	853,294	May 14	1878	389	128	511
Slide and hose-protector. Reversible	J. H. Williamson and W. C. Moore	872,490	Dec. 3	363	74	131	1224
Sliding gate	L. Kerber and W. H. Bakehaus	843,681	Feb. 12	1684	357-8	126	2249
Slideway. Adjustable	G. S. Power	871,142	Nov. 19	2067	558	131	713
Slime-concentrator	E. C. Porter	874,433	Dec. 24	4368	919-20	131	1966
Slimes treatment	C. E. D. Usher	860,775	July 23	3790	1039	129	1346

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Sling.....	H. Oehrmann.....	869,325	Oct. 29	3334	915	130	2434
Slipper.....	O. S. Saunders.....	871,187	Nov. 19	2158	576	131	727
Slipper for soaking the feet.....	G. Reiter.....	850,603	Apr. 16	3817	797	127	2637
Slitting and rewinding mechanism.....	F. and C. A. Meisel.....	851,017	Apr. 23	4614	967-8	127	287f
Slitting and winding machine.....	H. P. Hilbert.....	874,070	Dec. 17	3654	768-9	131	1814
Slitting-machine.....	M. McKinley.....	841,037	Jan. 8	2498	544	126	680
Slitting-machine.....	A. Allen.....	855,742	June 4	583	119-20	128	1846
Sliver-can.....	J. F. and J. H. Braine.....	861,254	July 30	4538	1241	129	1622
Slop-drier.....	F. G. Wiseloge.....	843,652	Feb. 12	1638	347	126	2239
Slot-machine.....	J. P. Munch.....	869,254	Oct. 29	3209	884	130	2397
Slot-switch.....	C. C. Korns.....	843,896	Feb. 12	2080	445-6	126	2347
Slug and slot.....	J. G. Ames.....	859,033	July 2	1127	301	129	383
Sluces. Device for automatic regulation of outlet.....	I. F. Wessely.....	850,703	Apr. 16	4033	842	127	2690
Slung-shot.....	J. B. Sweetser.....	841,195	Jan. 15	2822	615	126	807
Small-arm attachment.....	H. B. Hollifield.....	867,728	Oct. 8	760	213	130	1565
Small-arms. Automatic safety appliance for locking the hammer and the sear of.....	J. Tambour.....	875,469	Dec. 31	6450	1347	131	2326
Small-arms. Back sight for.....	G. Norman.....	874,914	Dec. 24	5347	1113	131	2123
Small-arms. Breech-loading.....	J. W. Esser.....	853,073	May 7	1427	298	128	362
Smelter smoke and extracting values from ores or metallurgical waste products. Treating.....	S. S. Sørensen and G. C. Westby.....	875,222	Dec. 31	5964	1242-3	131	2249
Smelting.....	F. T. Snyder.....	859,132	July 2	1258	336-7	129	425
Smelting.....	F. T. Snyder.....	859,134	July 2	1265	337-8	129	428
Smelting and refining copper ores and compounds.....	R. Baggeley.....	862,378	Aug. 6	441	129	2225	
Smelting apparatus. Electric.....	J. C. Young.....	865,285	Sept. 3	798	229-30	130	240
Smelting apparatus. Pyritic.....	C. Antonoovich.....	861,693	July 30	5233	1437-8	129	1843
Smelting apparatus. Sulfur.....	E. F. White.....	847,869	Mar. 19	4335	951	127	1149
Smelting. Charge mixture for iron.....	H. W. Lash.....	862,978	Aug. 13	1415	129	2554	
Smelting-converters. Means for preventing escape of unfused ore from.....	R. Baggeley, C. M. Allen, and E. W. Lindquist.....	864,719	Aug. 27	4103	1139-40	129	3455
Smelting. Electric.....	P. L. T. Héroult.....	861,280	July 30	4593	1255	129	1645
Smelting. Electric.....	F. Creelman.....	874,944	Dec. 31	5415	1132	131	2158
Smelting-furnace.....	W. G. Perkins.....	852,613	May 7	481	89	128	127
Smelting-furnace.....	E. Bosshardt.....	855,927	June 4	945	196	128	1932
Smelting-furnace.....	F. T. Snyder.....	859,133	July 2	1262	337	129	426
Smelting-furnace.....	G. G. Vivian.....	862,684	Aug. 6	970	258-9	129	2382
Smelting-furnace. Electric.....	W. R. Parks.....	873,890	Dec. 17	3234	690	131	1756
Smelting lead and copper ores.....	A. Lotti.....	847,017	Mar. 12	2599	127	690	
Smelting ore and converting matte.....	A. M. Day.....	865,333	Sept. 3	880	253	130	266
Smelting ores.....	H. Arden.....	869,043	Oct. 22	2891	130	2270	
Smelting ores.....	H. Arden.....	869,125	Oct. 22	3007	130	2306	
Smelting ores.....	J. C. Hardie.....	874,336	Dec. 17	4170	878	131	1902
Smelting. Pyritic.....	H. Arden.....	860,512	July 16	3362	129	1175	
Smelting refractory ores and producing ferro alloys.....	E. F. Price.....	855,478	June 4	70	15	128	1712
Smelting refractory ores and producing ferro alloys.....	E. F. Price.....	855,479	June 4	72	15	128	1713
Smelting refractory ores and producing low-carbon ferro alloys.....	E. F. Price.....	865,609	Sept. 10	1341	380	130	1139
Smelting sulfid ores.....	C. W. Munson.....	846,498	Mar. 12	1569	347-8	127	429
Smoke and cinder conductor.....	H. L. Larissey.....	857,471	June 18	3933	836	128	2759
Smoke arresting and consuming apparatus.....	W. M. Abbott.....	851,333	Apr. 23	5262	1103	127	3038
Smoke-box of locomotive-engine and similar boilers.....	S. S. Younghusband.....	871,551	Nov. 19	2969	741	131	850
Smoke-burning fire-box for stoves, furnaces, and boilers.....	J. J. Dockery.....	841,673	Jan. 22	3762	817	129	1079
Smoke-cleaner and cinder-catcher as applied to locomotives.....	J. Roesser.....	846,052	Mar. 5	681	143	127	174
Smoke-condenser.....	P. McDermott.....	862,005	July 30	5706	1583	129	1986
Smoke-consumer.....	O. Aubé and L. M. Tremblay.....	841,918	Jan. 22	4277	921-2	126	1209
Smoke-consumer.....	W. Pinney.....	848,321	Mar. 26	5237	1143	127	1409
Smoke-consumer.....	P. Vidal.....	854,679	May 21	4613	961	128	1246
Smoke-consumer.....	A. R. Markel and F. Haggerty.....	862,265	Aug. 6	262	75	129	2164
Smoke-consumer for locomotive and like boilers.....	K. Schleyder.....	843,848	Feb. 12	1988	426	126	2325
Smoke-consuming furnace.....	W. B. Estes.....	842,189	Jan. 29	4838	1032	126	1380
Smoke-consuming furnace.....	C. H. and T. P. von Mylius.....	859,004	July 2	1083	285	129	369
Smoke-consuming furnace.....	F. Fisher.....	856,341	June 11	1763	367	128	2174
Smoke-consuming furnace.....	T. Murrin.....	858,012	June 25	5050	1068	128	3073
Smoke-consuming furnace.....	F. E. Kelly.....	871,090	Nov. 12	1942	532	131	657
Smoke-consuming furnace.....	G. E. R. Rothenbucher.....	872,373	Dec. 3	117	22	131	1185
Smoke-consuming furnace.....	G. E. R. Rothenbucher.....	872,374	Dec. 3	119	22	131	1186
Smoke-consuming heater.....	C. F. A. Röell.....	843,105	Feb. 5	550	114-15	126	1935
Smoke in stoves and furnaces. Apparatus for consuming.....	C. J. Roux.....	858,106	June 25	5244	1112	128	3124
Smoke-preventer.....	J. Boyd.....	854,794	May 28	4868	1011	128	1341
Smoke-preventer.....	E. B. Parkhurst.....	866,510	Sept. 17	2687	751	130	904
Smoke-preventing apparatus.....	J. P. Davis.....	873,513	Dec. 10	2467	520	131	1596
Smoke-preventing furnace.....	A. W. Puddington.....	864,193	Aug. 27	3264	904	129	3192
Smoke-separator.....	R. H. Weber and D. W. Smith.....	870,329	Nov. 5	719	194	131	235
Smoke-suspended matter. Means for separating and eliminating.....	S. Benson.....	846,448	Mar. 12	1475	328	127	403
Smoke-suspended matter. Means for separating and eliminating.....	S. Benson.....	847,886	Mar. 19	4377	958	127	1160
Smoker's pipe.....	N. D'Espinosa.....	840,997	Jan. 8	2414	528	126	657
Smoker's pipe.....	H. Jones.....	864,307	Aug. 27	3424	952	129	3240
Smoker's set.....	N. Belisle.....	865,475	Sept. 10	1115	318	130	367
Smoking device.....	R. E. King.....	840,853	Jan. 8	2125	469	126	584
Smoking device.....	G. A. Pfortner.....	851,773	Apr. 30	6142	1283	127	3288
Smoking-pipe.....	A. Vogelsang.....	848,415	Mar. 26	5420	1182	127	1454
Smoking-pipe.....	A. G. Abizaid.....	848,424	Mar. 26	5436	1185	127	1458
Smoking-pipe.....	R. G. Fling.....	856,045	June 4	1146	242	128	1983
Smoking-pipe.....	G. W. Clapp.....	861,090	July 23	4281	1175	129	1505
Smoking-pipe.....	P. F. McClure.....	867,826	Oct. 8	920	262	130	1614
Smoking-pipe.....	E. Shoner.....	868,496	Oct. 15	2008	561	130	1967
Smoking-pipe.....	H. M. Hallett.....	874,332	Dec. 17	4163	876	131	1900
Smoking-pipe.....	R. J. McMurray.....	875,369	Dec. 31	6255	1305	131	2294
Smoothing-iron heater.....	A. Du Brau.....	855,760	June 4	615	126	128	1853
Smut-machine.....	O. L. Larson.....	850,378	Apr. 16	3390	708-9	127	2527
Snake, &c. Artificial.....	J. N. Brown.....	857,593	June 25	4180	885	128	2854

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Snap-fastener	A. J. Grove	844,280	Feb. 12	2837	604	126	2537
Snap-fastener	T. R. Hyde, Jr.	846,312	Mar. 5	1174	258	127	297
Snap-fastener	W. C. Stiles	861,912	July 30	5571	1539	129	1944
Snap-fastener	W. C. Stiles	867,920	Oct. 8	1083	307	130	1663
Snap-fastener	G. A. Holmes	873,127	Dec. 10	1721	360	131	1470
Snap-hook	J. C. Welcome, Sr.	844,980	Feb. 19	4471	954	126	2977
Snap-hook	A. Mädlar, V. Hartung, and W. Griesing	848,257	Mar. 26	5081	1110	127	1370
Snap-hook	J. H. Read	848,603	Mar. 26	5778	1261	127	1543
Snap-hook	W. H. Lambert	850,234	Apr. 16	3117	652	127	2455
Snap-hook	D. E. Barton	850,512	Apr. 16	3652	763	127	2594
Snap-hook	T. Nelson	851,369	Apr. 23	5333	1118	127	3054
Snap-hook	J. E. Johnson	854,293	May 21	3901	804	128	1069
Snap-hook	T. Watson	855,368	May 28	6005	1253	128	1631
Snap-hook	G. M. Hubbard	857,403	June 18	3804	807	128	2728
Snap-hook	F. S. Bieber	861,797	July 30	5414	1491	129	1896
Snap-hook	H. S. Seely	863,002	Aug. 13	1453	395	129	2568
Snap-hook	J. N. Bellinger	872,270	Nov. 26	4463	1060	131	1114
Snap-hook	C. S. and A. S. Huntington	873,239	Dec. 10	1921	403	131	1504
Snap-hook	A. Johnson	873,553	Dec. 10	2562	540	131	1610
Snap-hook and chain-link. Combined	A. P. Heidt	860,090	July 16	2740	747	129	970
Snap hook or link	J. W. Gonce	872,339	Dec. 3	39	8	131	1175
Snap-hook. Spring-tongue	J. B. Baxter	871,979	Nov. 26	3866	985	131	1020
Snap-hook. Swivel	G. Karrmann	851,172	Apr. 23	4919	1034	127	2953
Snap-switch	W. S. Mayer	859,316	July 9	1547	413	129	556
Snap-switch	F. W. Sanford	863,807	Aug. 20	2675	737	129	2982
Snap-switch. Four-way	N. W. Crandall	851,654	Apr. 30	5916	1237	127	3230
Snatch-block	J. N. Lindsay	847,955	Mar. 19	4521	992	127	1192
Snow and ice. Means for keeping switch and signal apparatus free from	F. G. Shaw	856,184	June 4	1413	298-9	128	2049
Snow and ice melter	R. Rickard	840,517	Jan. 8	1475	326	126	422
Snow compressing and removing means	H. S. Farquhar	852,833	May 7	939	192-3	128	240
Snow from streets. Apparatus for removing	E. G. Kohout	845,100	Feb. 26	4743	1006	126	3085
Snow-guard	F. Frank, Jr.	860,457	July 16	3291	899	129	1152
Snow-locomotive	I. Q. A. Peavey	864,106	Aug. 20	3111	861	129	3116
Snow. Machine for traveling on	A. J. Gold	855,882	June 4	852	176	128	1909
Snow-melting apparatus	L. T. Frigon	852,945	May 7	1176	242	128	299
Snow-melting apparatus	A. I. Wilson	859,356	July 9	1621	432	129	578
Snow or ice. Removing	J. S. Lang	863,856	Aug. 20	2746	129	3005	
Snow-plow	J. S. Stout	845,594	Feb. 26	5691	1206	126	3321
Snow-plow	T. W. Liddell	849,633	Apr. 9	2017	414	127	2137
Snow-plow	P. Hannagan	855,886	June 4	857	178	128	1910
Snow-plow	J. W. Mowbray	858,616	July 2	442	115-16	129	155
Snow-plow	W. C. Vague	863,954	Aug. 20	2893	796-7	129	3050
Snow-plow	J. W. Flynn	866,780	Sept. 24	3116	877	130	1073
Snow-plow	W. Cross	866,919	Sept. 24	3316	937	130	1134
Snow-plow	G. Graham and J. C. Martin	874,761	Dec. 24	5026	1059	131	2074
Snow-plow. Railway	N. Hill	842,461	Jan. 29	5451	1154-5	126	1545
Snow. Removing	J. S. Lang	863,855	Aug. 20	2745	129	3005	
Snow-scraper	O. W. Robins	842,704	Jan. 29	5971	1259	126	1669
Snow-shovel	J. Gifford	860,086	July 16	2736	746	129	969
Snow shovel and wagon	M. Kotraschek	853,178	May 7	1603	333	128	405
Snow-thawing machine	W. Elliot	840,444	Jan. 1	1326	293-4	126	346
Soap	L. H. Reuter	842,010	Jan. 22	4452	126	1252	
Soap. Anchor for cakes of	J. G. Drought	843,330	Feb. 5	1008	207	126	2045
Soap-box	K. Nishimoto	846,936	Mar. 12	2455	538	127	653
Soap-box	K. Nishimoto	853,824	May 14	2950	605	128	790
Soap. Cake of shaving	M. H. Ittner	872,819	Dec. 3	1043	219	131	1333
Soap cup. Liquid	E. A. Bender	847,722	Mar. 19	4030	881	127	1077
Soap cutter. Bar	E. J. Athanassiades	846,974	Mar. 12	2527	557	127	672
Soap cutting and pressing machine	H. W. McEwen	852,190	Apr. 30	7017	1465-6	127	3512
Soap-dish	J. P. Eustis	844,858	Feb. 19	4270	910	126	2926
Soap-dish	J. J. Butcher	862,804	Aug. 6	1164	314	129	2441
Soap-dispenser	H. J. S. Lewis	849,741	Apr. 9	2195	452	127	2181
Soap-dispenser	M. B. Perry	863,213	Aug. 13	1795	482	129	2676
Soap-dispenser	W. T. Carter and E. M. Davis	866,191	Sept. 17	2237	624	130	760
Soap dispenser. Liquid	L. A. Falk	840,925	Jan. 8	2279	500	126	622
Soap-dispensing device	J. W. Hanlon	852,603	May 7	463	86	128	123
Soap-frame	G. A. Jacobi	871,411	Nov. 19	2666	679	131	804
Soap hanger. Toilet	F. J. Fox	872,721	Dec. 3	835	177	133	1301
Soap-holder	J. Evans, Jr., and G. A. Steiner	847,053	Mar. 12	2682	589	127	710
Soap-holder	C. Owens	849,494	Apr. 9	1761	356	127	2072
Soap-holder	E. F. Wach	852,305	Apr. 30	7216	1515	127	3560
Soap-holder	J. M. Davies	853,067	May 7	1416	295	128	359
Soap-holder	S. E. Bishop	855,428	May 28	6112	1278	128	1655
Soap holder and grater	J. J. Lee	867,386	Oct. 1	244	70	130	1388
Soap holder. Cake	P. F. Cox	847,279	Mar. 12	3107	685	127	814
Soap holder. Liquid	J. F. Helmold	847,000	Mar. 12	2571	565	127	683
Soap holder. Liquid	J. E. Lee	847,014	Mar. 12	2595	569	127	689
Soap holding and dispensing receptacle. Liquid	W. B. Garnett	866,126	Sept. 17	2145	596	130	731
Soap-holding device	E. W. Alt	869,124	Oct. 22	3006	830	130	2305
Soap holding or retaining device	P. F. Cox	849,978	Apr. 9	2634	550	127	2293
Soap. Manufacture of	P. Krebitz	858,295	June 25	5575	128	3207	
Soap. Method and apparatus for placing inserts in cakes of	W. Berry	865,074	Sept. 3	490	135-6	130	149
Soap. Molding	G. Klinger	848,179	Mar. 26	4939	1073	127	1334
Soap-molding battery	F. Holoubek	840,213	Jan. 1	865	187	126	234
Soap or other material. Cooling-frame for	A. E. Boardman	855,088	May 28	5498	1140	128	1503
Soap-receptacle	G. L. Thorne	849,867	Apr. 9	2449	501-2	127	2247
Soap. Resin	E. Fischer	867,963	Oct. 15	1188	328	130	1718
Soap-shaver	J. V. Irenius	867,976	Oct. 15	1204	332-3	130	1723
Soap-shaving device	F. Egge	855,291	May 28	5875	1224-5	128	1598
Soap-sheet-fluting apparatus	E. A. Houchin and A. Huber	850,004	Apr. 9	2669	559	127	2302
Soap sheets and articles resulting therefrom. Forming fluted	E. A. Houchin and A. Huber	850,003	Apr. 9	2668	559	127	2301
Soap. Tag-rest for	L. C. Allen	857,570	June 25	4142	877	128	2843

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Sock or stocking	A. Poetzl	860,056	July 16	2693	732	129	956
Socket	R. Smith	846,701	Mar. 12	1975	434	127	532
Socket-wrench	C. Miller	845,717	Feb. 26	5951	1257	126	3386
Sod-cutter	N. O. Wold	846,711	Mar. 12	1991	438	127	536
Sod-cutter	E. W. Hoppe	861,119	July 23	4324	1187	129	1522
Sod or walk trimmer	D. L. Rose	850,057	Apr. 9	2766	581	127	2324
Sod trimming and marking device	W. Foster	855,844	June 4	785	165	128	1893
Soda-fountain	J. A. McCormick	872,669	Dec. 3	736	153-4	131	1284
Soda-fountain syrup-pump	F. H. Hecker	860,659	July 23	3615	990	129	1292
Soda-water-bottling machine	W. C. Wood	863,127	Aug. 13	1663	445	129	2634
Soda-water-dispensing apparatus. Automatic.	H. Blum	868,322	Oct. 15	1743	491-2	130	1887
Soda-water glasses. Holder for	W. Livingstone	875,666	Dec. 31	6950	1447	131	2391
Sodium perborate. Manufacturing	O. Liebknecht	842,470	Jan. 29	5466		126	1548
Sodium sulfate and compounds of lead. Preparing.	A. S. Ramage	871,066	Nov. 12	1898		131	644
Sodium sulfate and sulfuric acid. Recovering	A. W. Nibelius	873,070	Dec. 10	1615	337	131	1451
Sodium sulfate. Making	J. D. Pennock	870,746	Nov. 12	1406	380	131	488
Soil-working machine	L. F. Bassett	874,286	Dec. 17	4073	859	131	1885
Solar heater	C. L. Haskell	842,658	Jan. 29	5843	1234	126	1637
Solder	F. M. Huntton	842,788	Jan. 29	6144	1296	126	1710
Solder-feeding mechanism for canning-machines	N. Nelson	869,510	Oct. 29	3629	994	130	2525
Solder for aluminum	T. T. Hosack	869,570	Oct. 29	3737		130	2559
Solder-hemmed cap	E. M. Lang, Jr.	867,383	Oct. 1	242	69	130	1387
Solder. Manufactured	E. M. Lang, Jr.	867,384	Oct. 1	243	69	130	1388
Solder nipple-holder and wiping-bracket	J. C. Polson	860,883	July 23	3958	1085	129	1402
Solder to can-tops. Machine for applying	H. Eachus	842,187	Jan. 29	4831	1031-2	126	1378
Solder to sheet metal. Applying molten	W. G. Daugherty	875,507	Dec. 31	6520	1360	131	2338
Soldering apparatus. Can-	C. W. Sleeper	875,677	Dec. 31	6966	1480-1	131	2394
Soldering caps on cans. Machine for	H. F. Harist and R. B. Prater	857,801	June 25	5499	974-5	128	2960
Soldering compound	R. A. Hall	845,943	Mar. 5	454		127	117
Soldering device	H. F. Pool	860,569	July 16	3452	948	129	1206
Soldering device	H. White	862,688	Aug. 6	978	261	129	2384
Soldering-flux. Neutral	O. J. Lanigan	851,813	Apr. 30	6233		127	3313
Soldering implement. Can-	S. A. Varney	844,062	Feb. 12	2389	512	126	2423
Soldering-iron	E. L. Vieth	843,645	Feb. 12	1629	345	126	2236
Soldering-iron	W. F. Ryan	844,473	Feb. 19	3229	697	126	2675
Soldering-iron	H. Berg	850,897	Apr. 23	4410	922	127	2826
Soldering-iron	G. D. King	861,035	July 23	4206	1152	129	1481
Soldering-iron	A. L. Gifford	872,229	Nov. 26	4397	1045	131	1103
Soldering-iron	R. Fockman	874,861	Dec. 24	5204	1097	131	2106
Soldering-iron. Electric	W. G. Hartwig	870,779	Nov. 12	1450	392	131	503
Soldering-iron. Electrically-heated	H. Hertzberg and M. J. Wohl	871,405	Nov. 19	2648	677	131	802
Soldering-iron holder and heater	C. Sommer	858,036	June 25	5089	1077	128	3083
Soldering-iron. Self-heating	R. W. Marvell and H. M. Ashman	850,385	Apr. 16	3400	712	127	2530
Soldering-iron. Self-heating	R. W. Marvell	850,386	Apr. 16	3401	712	127	2530
Soldering-iron. Self-heating	W. Mitchell	869,140	Oct. 22	3029	836	130	2311
Soldering-iron. Self-heating	J. B. Wheatley	874,469	Dec. 24	4421	933	131	1978
Soldering machine. Can-	H. C. H. Walsh	842,926	Feb. 5	169	39	126	1833
Soldering machine. Can-	E. F. Hartlove	856,698	June 11	2479	510	128	2355
Soldering machine. Can-	H. K. Smith	859,851	July 9	2357	640-1	129	815
Soldering machine. Can-end-	F. Rudolphi and C. J. Nelson	846,145	Mar. 5	877	183-5	127	223
Soldering machines. Solder-feed for can-	A. Cerruti	852,869	May 7	1026	213	128	262
Soldering-paste. Plastic	N. S. Jenkins	846,922	Mar. 12	2424		127	645
Soldering sheet-metal plates	J. Donoghue	848,978	Apr. 2	735	149	127	1775
Soldering-tool. Electric	N. Perrella	859,578	July 9	1951	526	129	685
Soldering-tool. Gasolene	W. E. Crane and C. D. Pratt	872,500	Dec. 3	383	80	131	1228
Sole attachment. Shoe	A. W. Tillinghast	844,057	Feb. 12	2382	510	126	2421
Sole. Boot and shoe	W. C. Stewart	871,968	Nov. 26	3835	928	131	1016
Sole-channeling tool	M. Cook, Jr.	872,716	Dec. 3	839	174	131	1299
Sole. Cushion	H. A. Roberts	848,770	Apr. 2	302	62	127	1664
Sole-edge trimmer	W. F. Reulmann	855,133	May 28	5583	1162	128	1522
Sole for boots and shoes. Metallic	J. A. Donahue	874,171	Dec. 17	3829	807	131	1847
Sole-leveling machine	E. E. Winkley	841,839	Jan. 22	4126	888	126	1176
Sole-leveling machine	E. E. Winkley	848,713	Apr. 2	188	39	127	1636
Sole-molding machine	E. E. Winkley	859,862	July 9	2374	645-6	129	820
Sole of a made-up shoe or the like. Machine for forming concavities in the top surface of the	J. Strootman	845,440	Feb. 26	5404	1147	126	3249
Sole or heel. Shoe	J. H. Vinton	869,603	Oct. 29	3788	1036	130	2575
Sole-pressing machine	B. F. Mayo	845,714	Feb. 26	5943	1255-6	126	3384
Sole-pressing machine	B. F. Mayo	859,887	July 9	2416	657-8	129	833
Sole-pressing machine	B. F. Mayo	861,746	July 30	5314	1465-7	129	1866
Sole-pressing machine	B. F. Mayo	861,875	July 30	5518	1523	129	1929
Sole rounding and channeling machine	J. E. Thayer	845,277	Feb. 26	5088	1081	126	3174
Sole rounding and channeling machine	A. M. English	871,987	Nov. 26	3878	937-9	131	1022
Sole-rounding machine	J. J. Heys	874,505	Dec. 24	4515	949-51	131	1989
Sole. Shoe	D. H. Shillaber	872,762	Dec. 3	931	193	131	1314
Sole-slashing machine	W. C. Stewart	871,969	Nov. 26	3836	929	131	1016
Sole. Slipper	O. E. and W. D. Lowery	846,677	Mar. 12	1941	426	127	524
Sole. Slipper	I. Greenberg	847,063	Mar. 12	2703	595	127	714
Sole support. Shoe	J. W. Arrowsmith	873,001	Dec. 10	1462	304	131	1427
Sole trimming and channeling machine. Shoe-	W. E. Small and R. Campbell	839,896	Jan. 1	189	42-3	126	53
Soles and heels for boots and shoes. Tool for trimming the edges of	Z. Beaudry	848,000	Mar. 26	4656	1015	127	1263
Soles. Automatic groove-cutting machine for wooden shoe-	H. Busse and W. Schou	861,084	July 23	4273	1172	129	1503
Soles of boots and shoes. Machine for producing sewing-ribs on the	W. Nowotny	872,578	Dec. 3	560	116	131	1253
Solutions. Recovering	W. A. Hendryx	870,289	Nov. 5	652	175	131	213
Solvent and preparing same	H. O. Chute	845,616	Feb. 26	5729		126	3331
Sorting articles according to weight. Apparatus for.	L. Brockt	847,230	Mar. 12	3014	664	127	791
Sound-amplifier	N. Baldwin	869,288	Oct. 29	3263	898	130	2414
Sound-amplifying horn	J. F. Wheeler	873,643	Dec. 10	2724	576	131	1640
Sound-box	L. P. Valiquet	840,974	Jan. 8	2369	520	126	645
Sound-box	E. D. Gleason	850,883	Apr. 16	4367	916	127	2776
Sound-conveying device	E. H. Mobley	868,612	Oct. 15	2214	615	130	2036
Sound-deadening material	A. V. Ringström	841,897	Jan. 22	4242	913	126	1201

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Sound-producing device.....	W. C. Smith.....	857,209	June 18	3445	727	128	2639
Sound-producing device.....	J. P. Northey.....	864,909	Sept. 3	233	63	130	73
Sound-record-cleaning attachment.....	J. N. Blacknan.....	865,674	Sept. 10	1431	405	130	467
Sound-record. Duplicate.....	J. W. Aylsworth.....	855,556	June 4	218	42	128	1752
Sound-record tablet.....	B. B. Goldsmith.....	840,932	Jan. 8	2297	504	126	627
Sound-records. Composition for.....	E. J. B. Brocherioux, P. J. To- chon, A. Fortier, and L. V. Marotte.....	842,070	Jan. 22	4565	981	126	1277
Sound-records. Composition of matter for.....	G. K. Cheney.....	854,801	May 28	4882	1014	128	1345
Sound-records. Duplicating.....	J. W. Aylsworth.....	871,554	Nov. 19	2978	742	131	852
Sound-records. Making.....	I. Kitsee.....	874,966	Dec. 31	5468	1143	131	2166
Sound-records. Making duplicate.....	J. W. Aylsworth.....	855,555	June 4	215	42	128	1751
Sound-records. Making duplicate.....	J. W. Aylsworth.....	855,606	June 4	312	64	128	1775
Sound-records. Making molded flat.....	W. H. Hoyt.....	867,975	Oct. 15	1203	332	130	1723
Sound-records. Mechanism for making.....	J. O. Prescott.....	847,820	Mar. 19	4246	930	127	1125
Sound-records. Production of.....	I. Kitsee.....	871,511	Nov. 19	2885	723	131	887
Sound-records. Sieve for use in making disk.....	T. H. Macdonald and F. L. Capps.....	865,716	Sept. 10	1492	421	130	485
Sound recording and reproducing mechanism.....	E. F. Shue.....	842,028	Jan. 22	4485	964	126	1259
Sound-reproducer.....	A. Haug.....	863,174	Aug. 13	1733	465	129	2636
Sound-reproducing head.....	C. A. Smith.....	871,000	Nov. 12	1809	493	131	615
Sound-reproducing instruments. Attachment to horns for.....	O. G. Rose.....	842,707	Jan. 29	5976	1261	126	1670
Sound-reproducing instruments. Trumpet or horn of.....	R. Revell.....	867,836	Oct. 8	931	266	130	1617
Sound-reproducing machine.....	F. Myers.....	860,878	July 23	3947	1082-3	129	1398
Sound-reproducing machine.....	R. L. Gibson.....	868,771	Oct. 22	2470	682	130	2140
Sound-reproducing machine.....	L. T. Halle.....	873,937	Dec. 17	3317	708	131	1771
Sound-reproducing-machine stylus.....	S. Levin.....	870,300	Nov. 5	670	179	131	219
Sound-reproducing record-disk.....	W. I. Sherwood.....	871,370	Nov. 19	2562	657	131	789
Sound through water. Device for transmitting.....	E. Gray.....	866,128	Sept. 17	2147	597-8	130	731
Sound transmitter and receiver.....	A. J. Mundy.....	868,880	Oct. 22	2634	728	130	2189
Sound-wave intensifier.....	H. O. Putt.....	852,615	May 7	485	89-90	128	128
Sounds. Means for recording.....	W. L. Stillwell.....	856,553	June 11	2200	452	128	2284
Sounds. Recording and reproducing.....	J. F. Dirzuweit.....	865,574	Sept. 10	1283	363	130	419
Sounds to the ears. Means for conveying.....	S. J. Port.....	862,016	July 30	5716	1586	129	1989
Sounder and resonator. Combined.....	S. F. Cox.....	845,858	Mar. 5	243	49-50	127	63
Sounding apparatus.....	O. M. Knoblock and J. Du- shane.....	871,124	Nov. 19	2020	550	131	707
Sounding-machine. Navigational.....	W. Thomson and F. W. Clark.....	852,810	May 7	895	182	128	228
Sounding. Sea.....	A. F. Eells.....	848,092	Mar. 26	4804	1048	127	1300
Soup-straining apparatus.....	C. Latsch.....	856,963	June 11	2957	620	128	2474
Sowing-machine.....	E. de Uribe.....	862,948	Aug. 13	1378	374-5	129	2512
Sowing-machine. Seed- spacing instrument.....	M. H. Browning.....	842,073	Jan. 22	4569	982	126	1278
Spade.....	G. Giembra.....	871,333	Nov. 19	2492	643	131	778
Spade and analogous implement.....	B. O. Pratt.....	858,826	July 2	817	212	129	283
Spanner. Adjustable.....	E. S. Williamson.....	844,904	Feb. 19	4349	928	126	2945
Spanner-wrench.....	A. G. Taylor.....	841,602	Jan. 15	3610	784	126	1009
Spark-advancer. Automatic.....	W. W. Vogel.....	872,484	Dec. 3	356	73	131	1223
Spark and contact-spark device. Combined jump- spark-arrester.....	B. P. Churchill.....	863,151	Aug. 13	1700	457	129	2645
Spark and soot arrester.....	C. R. Greuter.....	875,258	Dec. 31	6026	1257	131	2260
Spark-arrester.....	R. Wagenschieffer.....	857,693	June 25	4385	925	128	2906
Spark-arrester.....	A. M. Harris.....	841,393	Jan. 15	3231	696	126	910
Spark-arrester.....	C. S. Chalfant.....	851,494	Apr. 23	5568	1167	127	3112
Spark-arrester.....	H. L. Lapham.....	852,727	May 7	711	138	128	187
Spark-arrester.....	A. Ballewski and W. Wessel.....	854,016	May 21	3347	687	128	927
Spark-arrester.....	O. G. Sunden.....	860,999	July 23	4158	1139	129	1467
Spark-arrester.....	J. H. White.....	863,685	Aug. 20	2484	686	129	2921
Spark-arrester.....	C. C. Armstrong.....	863,895	Aug. 20	2812	772	129	3025
Spark-arrester.....	R. Lamb.....	865,189	Sept. 3	649	184	130	197
Spark-arrester.....	E. H. Lueders.....	867,145	Sept. 24	3663	1040	130	1239
Spark-arrester.....	J. Dolan.....	868,331	Oct. 15	1752	494	130	1890
Spark-arrester.....	J. H. Hines.....	874,768	Dec. 24	5040	1061	131	2076
Spark-coil.....	J. F. Cavanagh.....	844,578	Feb. 19	3715	781	126	2784
Spark-coil.....	C. P. L. Noxon.....	851,027	Apr. 23	4630	971	127	2881
Spark-destroyer for smoke-stacks.....	F. J. Lyman.....	872,072	Nov. 26	4075	977	131	1051
Spark-gap apparatus.....	W. W. Massie.....	859,092	July 2	1202	323	129	406
Spark indicator. Jump- spark-plug.....	O. C. Hoffmann.....	851,751	Apr. 30	6108	1277	127	3279
Spark-plug.....	C. A. Mezger.....	864,135	Aug. 20	3167	876	129	3132
Spark-plug.....	G. W. Sage.....	865,212	Sept. 3	681	194	130	208
Spark-plug.....	F. J. Watt.....	868,737	Oct. 22	2426	671	130	2126
Spark-plug.....	A. Holsten.....	869,865	Oct. 29	4178	1154	130	2690
Spark-plug. Electric.....	F. B. Thatcher.....	873,968	Dec. 17	3380	719	131	1771
Sparkplug coil with multiple winding for ignition and like purposes.....	A. Michel.....	873,954	Dec. 17	3351	714	131	1776
Sparkling device.....	H. A. Miller and B. G. Gilbough.....	872,075	Nov. 26	4082	978	131	1052
Sparkling device.....	H. A. Miller and B. G. Gilbough.....	872,629	Dec. 3	652	136	131	1270
Sparkling igniter.....	J. M. Smith.....	861,615	July 30	5125	1407	129	1811
Sparkling. Means for preventing.....	F. W. Wood.....	851,467	Apr. 23	5515	1155	127	3100
Sparkling plug.....	W. B. Hayden.....	858,282	June 25	5551	1187	128	3201
Speaking-tubes. Electric signal for.....	C. M. A. Costello and F. H. Hart.....	841,377	Jan. 15	3201	690	126	903
Specialist's chair.....	C. N. Leonard.....	840,348	Jan. 1	1145	248	126	304
Spectacle-clamp.....	S. A. Asquith.....	873,002	Dec. 10	1464	304	131	1427
Spectacle-temple.....	T. A. Willson.....	841,755	Jan. 22	3937	852	126	1123
Spectacle-temple. Detachable.....	N. A. Bowen.....	850,130	Apr. 16	2925	611	127	2404
Spectacles.....	I. T. Garner.....	868,857	Oct. 22	2605	720	130	2180
Spectacles, motor-goggles, and the like.....	F. G. Shaw.....	857,838	June 25	4668	990	128	2977
Speculum.....	F. E. Griswold.....	872,343	Dec. 3	54	10-11	131	1177
Speculum.....	F. E. Griswold.....	872,344	Dec. 3	55	11	131	1177
Speculum. Horse.....	J. Sklar.....	841,590	Jan. 15	3592	780	126	1004
Speculum. Illuminable.....	R. H. Wappler.....	849,344	Apr. 2	1452	295	127	1957
Speculum. Mouth- speech, signals, &c. Receiving and strengthening the reproduction of.....	J. F. Koehler.....	869,439	Oct. 29	3513	965	130	2490
Speed and brake controller.....	E. S. Hagemann.....	873,541	Dec. 10	2530	534	131	1606
Speed and distance indicating and recording device.....	G. A. Bell.....	862,534	Aug. 6	737	197	129	2312
Speed and power-transmitting device. Variable.....	R. H. Smith.....	866,397	Sept. 17	2542	709	130	856
	T. Scheffler.....	857,679	June 25	4339	917-18	128	2895

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Speed and reversing mechanism. Change-	P. Renaux.....	846,620	Mar. 12	1840	404-5	127	498
Speed and reversing mechanism. Change-	G. W. Marble.....	874,520	Dec. 24	4557	956	131	1995
Speed apparatus. Change-	A. Sauer.....	870,997	Nov. 12	1806	492	131	615
Speed-box and brake-operating mechanism	E. Henrikson.....	862,075	July 30	5824	1615-16	129	2624
Speed-changing device.....	J. Riddell.....	844,748	Feb. 19	4049	863	126	2868
Speed-changing device.....	R. C. Ogburn.....	857,300	June 18	3611	764-5	128	2681
Speed-changing device.....	R. K. Le Blond and W. F. Groene.	857,562	June 18	4121	873	128	2807
Speed-changing device.....	J. G. Callan.....	869,058	Oct. 22	2915	804	130	2278
Speed-changing mechanism.....	R. Bleitz.....	847,460	Mar. 19	3492	764	127	940
Speed-changing mechanism.....	L. Renault.....	848,494	Mar. 26	5555	1212	127	1487
Speed-changing mechanism.....	E. A. Muller.....	857,357	June 18	3719	785	128	2708
Speed-changing mechanism.....	G. D. Munsing.....	857,476	June 18	3943	838	128	2762
Speed-changing mechanism.....	C. J. Reed.....	858,024	June 25	5068	1073	128	3077
Speed-changing mechanism.....	C. J. Reed.....	858,754	July 2	676	178	129	123
Speed-changing mechanism.....	G. D. Munsing.....	868,935	Oct. 22	2725	751	130	2218
Speed-changing mechanism for hydro-extractors.	H. Hott.....	869,782	Oct. 29	4056	1119	130	2653
Speed device. Selective.....	E. Richter.....	869,985	Nov. 5	166	44	131	56
Speed-governing device.....	N. E. Lemmon.....	864,547	Aug. 27	3832	1062	129	3371
Speed-governor.....	C. V. Kerr.....	852,882	May 7	1055	217	128	270
Speed-governor.....	G. Lidseen and L. L. Blake.....	866,795	Sept. 24	3135	883	130	1079
Speed-governor.....	W. J. D. Miller.....	870,303	Nov. 5	675	181	131	221
Speed-governors. Oil-brake for	M. Haeberlein.....	860,913	July 23	3999	1096	129	1415
Speed-indicator.....	W. C. Plank.....	843,361	Feb. 5	1064	219	126	2059
Speed-indicator.....	L. L. B. Denis.....	844,259	Feb. 12	2786	595-6	126	2525
Speed-indicator.....	J. T. F. Conti.....	844,922	Feb. 19	4376	935	126	2951
Speed-indicator.....	E. C. Oliver.....	849,851	Apr. 9	2426	495	127	2241
Speed-indicator.....	T. W. Flory.....	850,745	Apr. 16	4096	857	127	2705
Speed-indicator.....	T. M. Becherer.....	863,014	Aug. 13	1473	401-2	129	2573
Speed-indicator.....	W. A. Fogelberg.....	863,166	Aug. 13	1718	462	129	2650
Speed-indicator.....	I. P. Davis.....	863,266	Aug. 13	1879	507	129	2700
Speed-indicator.....	C. Knopf.....	863,403	Aug. 13	2069	558	129	2762
Speed-indicator.....	O. Jungmans.....	864,379	Aug. 27	3534	981	129	3274
Speed-indicator.....	C. W. Sponsel.....	870,203	Nov. 5	519	142	131	169
Speed-indicator.....	E. C. Oliver.....	870,795	Nov. 12	1471	397	131	511
Speed-indicator.....	F. F. Ingram.....	874,594	Dec. 24	4689	986	131	2018
Speed-indicator and distance-recorder	R. Shipman.....	870,852	Nov. 12	1559	428-9	131	537
Speed indicator and recorder.....	H. Scar.....	848,504	Mar. 26	5578	1218-19	127	1492
Speed indicator and recorder. Combined.	G. E. Mirfield.....	871,946	Nov. 26	3773	917	131	1008
Speed-indicator. Recording.....	R. P. Brown.....	849,884	Apr. 9	2481	510	127	2256
Speed-indicator. Recording.....	C. F. Iszard.....	860,666	July 23	3623	993-4	129	1295
Speed-indicator-recording device	C. F. Iszard.....	860,667	July 23	3626	994	129	1295
Speed-indicator. Time.....	C. C. Coleman.....	862,882	Aug. 13	1279	347	129	2511
Speed-limiting device.....	F. L. Stone.....	849,753	Apr. 9	2231	457-8	127	2192
Speed-measure.....	C. J. Mills.....	847,679	Mar. 19	3945	861	127	1056
Speed mechanism. Automatic variable.....	H. Pattison and L. Scaglia.....	863,434	Aug. 13	2109	568	129	2774
Speed-mechanism controlling device. Variable-	C. T. B. Sangster.....	865,805	Sept. 10	1627	461	130	520
Speed mechanism. Electromagnetic variable-	A. Churchward.....	865,997	Sept. 17	1945	543-4	130	669
Speed mechanism. Variable.....	L. Thiel.....	840,669	Jan. 8	1770	389	126	497
Speed mechanism. Variable.....	L. Thiel.....	840,670	Jan. 8	1772	390	126	497
Speed mechanism. Variable.....	L. Thiel.....	840,671	Jan. 8	1774	390	126	497
Speed mechanism. Variable.....	R. K. Le Blond and W. F. Groene.	845,005	Feb. 19	4534	966-7	126	2989
Speed mechanism. Variable.....	C. M. Spencer.....	848,606	Mar. 26	5781	1261	127	1544
Speed mechanism. Variable.....	A. W. Puppe.....	848,768	Apr. 2	294	61	127	1662
Speed mechanism. Variable.....	F. A. Weller.....	848,870	Apr. 2	556	111	127	1731
Speed mechanism. Variable.....	R. E. Rosewarne.....	849,750	Apr. 9	2225	456-7	127	2191
Speed mechanism. Variable.....	J. A. Goodner and A. P. Kendig.....	851,129	Apr. 23	4814	1015	127	2825
Speed mechanism. Variable.....	W. Bowne, Jr., and M. Cronk-hite	861,082	July 23	4270	1171-2	129	501
Speed mechanism. Variable.....	H. R. Stacks.....	861,404	July 30	4802	1316-17	129	1705
Speed mechanism. Variable.....	H. R. Stacks.....	861,405	July 30	4805	1317-18	129	1719
Speed-meters. Driving appliance for.....	R. Johnson.....	868,786	Oct. 22	2496	687-8	130	2148
Speed motor. Variable.....	G. Martinka.....	859,826	July 9	2311	628	129	801
Speed-recorder.....	C. C. Clawson.....	850,109	Apr. 9	2863	600-1	127	2148
Speed-recorder.....	G. Lennox and R. Stott.....	859,673	July 9	2098	567	129	732
Speed-recorder.....	C. H. d'La Monte.....	868,570	Oct. 15	2123	593-4	130	2004
Speed recorder and indicator.....	F. Lyon.....	873,321	Dec. 10	2104	440	131	1531
Speed-recording instrument.....	C. H. d'La Monte.....	872,186	Nov. 26	4291	1025-6	131	1088
Speed-recording-instrument dial	E. A. Henkle.....	859,941	July 16	2501	679	129	893
Speed-regulating mechanism.....	G. F. Leiger.....	848,109	Mar. 26	4830	1055	127	1306
Speed-regulating mechanism.....	G. F. Leiger.....	857,636	June 25	4266	901-2	128	2876
Speed-regulating mechanism.....	G. F. Leiger.....	857,637	June 25	4269	902	128	2877
Speed regulation.....	N. W. Storer.....	851,704	Apr. 30	6022	1258	127	3256
Speed-regulator.....	P. Weber.....	842,042	Jan. 22	4510	970	126	1265
Speed-regulator.....	J. W. Ulrich, Jr., and J. W. Maierhofer.	843,377	Feb. 5	1086	224	126	2064
Speed-regulator.....	R. E. Rucker.....	847,115	Mar. 12	2788	616	127	734
Speed-regulator.....	J. Sturgess.....	863,235	Aug. 13	1838	494	129	2689
Speed-regulator.....	C. E. Glessner.....	868,604	Oct. 15	2198	612-13	130	2031
Speed-regulator.....	C. Schmittenner.....	875,463	Dec. 31	6436	1345	131	2325
Speed transmission device. Variable-	G. Wright.....	853,144	May 7	1549	322-3	128	391
Speed transmission mechanism. Variable-	A. V. Hart.....	843,205	Feb. 5	756	155-7	126	1986
Speed transmission mechanism. Variable-	J. H. Boughton.....	846,182	Mar. 5	935	198	127	237
Speed transmission mechanism. Variable-	R. E. Lincoln.....	859,393	July 9	1678	447	129	591
Speed transmission mechanism. Variable-	C. A. Janson.....	864,845	Sept. 3	133	36	130	41
Speed transmission. Variable.....	F. P. Huyck.....	845,091	Feb. 26	4722	1002	126	3079
Speed transmission. Variable.....	R. E. Lincoln.....	857,081	June 18	3206	674	128	2578
Speed transmitting device. Variable-	E. Richter.....	847,695	Mar. 19	3984	871	127	1066
Speed varying and reversing mechanism	L. and R. Bleitz.....	855,613	June 4	328	67	128	1778
Speed-varying mechanism.....	G. T. Rennerfelt.....	845,896	Mar. 5	353	72	127	92
Speedometer.....	G. Lombardi.....	844,684	Feb. 19	3911	827	126	2833
Speedometer.....	A. Fleischmann.....	846,296	Mar. 5	1140	251	127	289
Speedometer.....	J. K. Stewart.....	855,676	June 4	442	92	128	1809
Spigot. Metal-coated.....	H. Auchu.....	867,780	Oct. 8	838	239	130	1590
Spike.....	T. J. Akers.....	849,712	Apr. 9	2151	442	127	2170
Spike.....	O. M. De Witt.....	850,421	Apr. 16	3464	725	127	2547

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Spike	S. C. Kindig	855,318	May 28	5917	1234	128	1608
Spike	L. Dubé	865,170	Sept. 3	615	173	130	186
Spike	J. McNeil	865,425	Sept. 10	1031	294	130	342
Spike	A. B. Lipscomb	866,492	Sept. 17	2668	746	130	898
Spike	R. E. L. Simmerman	867,429	Oct. 1	302	88	130	1407
Spike	T. Booth	870,813	Nov. 12	1507	411	131	523
Spike and bolt extracting implement	S. F. Eubank	870,422	Nov. 5	879	236	131	290
Spike-holder	W. D. F. Jarvis	865,906	Sept. 10	1803	503	130	594
Spike-puller	A. Dudley, Sr.	842,185	Jan. 29	4826	1030	126	1376
Spike-puller	T. C. Gatti	855,564	June 4	229	45	128	1754
Spike-puller	J. A. Webb	868,827	Oct. 22	2564	707	130	2168
Spindle:							
See Axle-spindle. Textile-machine spin-							
Coiling-spindle. die.							
Spinning-spindle. Wheel-spindle.							
Spindle	E. Tache	866,979	Sept. 24	3410	966	130	1164
Spindle	H. Spence	868,499	Oct. 15	2011	562	130	1968
Spindle. Disappearing tent	H. J. Cook	866,335	Sept. 17	2453	684	130	827
Spindle-drive	W. J. Bayrer	851,728	Apr. 30	6070	1268	127	3270
Spindle-driving mechanism	W. T. Noah	874,614	Dec. 24	4732	994	131	2025
Spindle-driving mechanism for mules	W. D. Rundlett	872,687	Dec. 3	775	161	131	1290
Spindle-lubricator	W. Fielding	871,165	Nov. 19	2119	568	131	721
Spindle-shaper guard	F. Streich	871,533	Nov. 19	2933	732	131	844
Spindle. Steering	T. J. Lindsay	840,782	Jan. 8	1995	441	126	552
Spindles. Bobbin-clutching means for rotatable	G. W. Knight	844,368	Feb. 19	3030	647	126	2624
Spindles of fly-frames. Apparatus for doffing spools from the	W. H. Arnold-Forster	869,044	Oct. 22	2893	798-9	130	2271
Spindles to shafts. Device for securing	H. C. Gamage	864,779	Sept. 3	20	6	130	9
Spinning and analogous machines. Ring and traveler for	T. A. Boyd	845,510	Feb. 26	5548	1176	126	3286
Spinning and doubling frame	H. B. Reynolds	868,009	Oct. 15	1254	347	130	1739
Spinning and ring-twisting frames. Ring-traveler for ring-	T. Demoulin	865,242	Sept. 3	729	209	130	219
Spinning and twisting apparatus	R. L. Cumnock	860,448	July 16	3279	896	129	1146
Spinning and twisting apparatus. Ring	J. Hayden, Jr.	843,810	Feb. 12	1912	410	126	2307
Spinning and twisting apparatus. Ring	J. Hayden, Jr.	849,734	Apr. 9	2183	450	127	2177
Spinning and twisting apparatus. Ring	J. Hayden, Jr.	871,694	Nov. 19	3216	796	131	894
Spinning and twisting machine	C. E. Lombard	851,952	Apr. 30	6533	1361-2	127	3389
Spinning and twisting machines. Thread guiding and supporting means for	J. E. Prest	863,218	Aug. 13	1808	487	129	2680
Spinning and twisting ring	G. L. Pierce	874,429	Dec. 24	4363	918	131	1965
Spinning and twisting rings. Ring-holder for	G. L. Pierce	857,535	June 18	4063	863	128	2796
Spinning-frame	W. J. Thompson	847,621	Mar. 19	3832	838	127	1029
Spinning-frame	J. Appleby	855,921	June 4	935	194	128	1930
Spinning-frame roll-stand	E. D. Libby	840,779	Jan. 8	1992	440	126	551
Spinning-frame top-roll clearer	J. T. Meats	842,483	Jan. 29	5485	1161	126	1552
Spinning-frames. Whirl for cap	A. A. Sack	872,019	Nov. 26	3060	952	131	1033
Spinning-head	C. A. Ernst	858,648	July 2	511	131-2	129	178
Spinning-machine	J. G. Fahr	843,448	Feb. 5	1199	252	126	2001
Spinning-machine	J. A. De Vito	874,662	Dec. 24	4830	1014	131	2041
Spinning-machine automatic chain-drive-regulating device	J. M. Bain	870,075	Nov. 5	312	86	131	105
Spinning-machine drawing mechanism	G. A. Farley	872,804	Dec. 3	1011	212	131	1328
Spinning. Machine for preparing fibers for	M. Collins	866,918	Sept. 24	3315	936	130	1134
Spinning machine. Mule	W. E. Ahern	867,332	Oct. 1	162	48	130	1362
Spinning machine. Ring	A. Klein	865,048	Sept. 3	446	121	130	137
Spinning machine. Ring	T. Yates	865,144	Sept. 3	578	162	130	176
Spinning-machine spindle and its appurtenances	J. and H. Wright	846,375	Mar. 5	1298	285-6	127	327
Spinning-machine-spindle bearing	A. Stell	846,361	Mar. 5	1272	280	127	320
Spinning-machine thread-guide	J. E. Prest	868,005	Oct. 15	1250	346	130	1738
Spinning-machine top roll	W. G. Ragsdale	840,010	Jan. 1	428	93	126	116
Spinning-machines. Pneumatic threading device for	F. A. Breeze	871,910	Nov. 26	3689	900	131	997
Spinning-machinery ring	C. T. Atherton	873,483	Dec. 10	2405	506	131	1586
Spinning-mule	J. Schmitt	846,146	Mar. 5	880	185	127	224
Spinning-mule	W. D. Rundlett	862,201	Aug. 6	144	40	129	2129
Spinning-mule	W. D. Rundlett	862,202	Aug. 6	146	41	129	2129
Spinning-mule	W. D. Rundlett	865,947	Sept. 10	1863	522-3	130	612
Spinning-mule	H. S. Golland	873,422	Dec. 10	2300	450-2	131	1566
Spinning-mule attachment	R. J. Harrington	865,890	Sept. 10	1776	493-4	130	586
Spinning-mule attachment	R. J. Harrington	875,655	Dec. 31	6913	1440-1	131	2387
Spinning-mule. Self-acting	J. H. Ryalls	863,942	Aug. 20	2871	790-1	129	3043
Spinning of textile fibers. Means for facilitating the	R. Todd, J. A. and A. H. Stott	842,921	Feb. 5	155	36-7	126	1830
Spinning or twisting apparatus. Ring	G. W. Knight	851,812	Apr. 30	6232	1300	127	3313
Spinning or twisting apparatus. Rotary-ring	J. T. Meats and G. E. Chandler	857,088	June 18	3220	677	128	2581
Spinning or twisting frames for top rolls. Traveling guide for	L. T. Houghton	869,571	Oct. 29	3737	1023	130	2559
Spinning or twisting machines. Tape-pulley for	F. W. Nims	853,371	May 14	2038	422	128	555
Spinning-ring	D. Harrington	868,924	Oct. 22	2706	746	130	2212
Spinning-roller	F. Hutchins	866,364	Sept. 17	2503	698	130	845
Spinning short-stapled fibers. Drawing apparatus for	J. Perrin	849,812	Apr. 9	2333	479	127	2218
Spinning-spindle	D. Lemoine	860,676	July 23	3641	998	129	1307
Spinning-spindle	D. Lemoine	860,677	July 23	3642	998	129	1301
Spinning-spindle	D. Lemoine	860,678	July 23	3643	998	129	1301
Spinning-spindle and bearing therefor	C. H. Chapman	875,503	Dec. 31	6513	1359	131	2337
Spinning-spindle and bearings therefor	C. H. Chapman	841,485	Jan. 15	3403	734	126	955
Spinning, twisting, and like frames. Thread-guide of	J. E. Tytler and W. H. Bowker	859,417	July 9	1711	455	129	607
Spinning, twisting, and winding machine	R. Daves	865,685	Sept. 10	1446	410	130	472
Spiral-cutting machine	R. T. Wingo	842,989	Feb. 5	292	63-5	126	1863
Spittoon	G. Zweigle	841,301	Jan. 15	3049	660	126	863
Spittoon	O. Cady	846,454	Mar. 12	1488	330	127	406
Splice and joint	B. S. Burroughs	869,055	Oct. 22	2910	802	130	2276
Splice-bar	W. J. Mattern	840,074	Jan. 1	573	125	126	153
Splice-bar	E. McCormick	848,122	Mar. 26	4854	1060	127	1312

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Splice-bar	W. Bordeau	863,502	Aug. 13	2215	598	129	2806
Splice-bar	E. E. Anderson	873,918	Dec. 17	3282	701	131	1764
Splice-bar and nut-lock	A. A. St. John	868,720	Oct. 22	2404	664	130	2119
Splice-bars. Apparatus for the manufacture of	G. E. Thackray	841,354	Jan. 15	3159	679-80	126	893
Splice-caller	M. R. Moloney	852,283	Apr. 30	7179	1507	127	3552
Splice or angle bar	E. C. Seward	852,038	Apr. 30	6745	1402	127	3443
Splicing-clamp	F. L. Owen	859,833	July 9	2327	632	129	808
Splicing-sleeve	H. Frankel	861,717	July 30	5272	1450	129	1853
Splint. Adjustable.	J. R. Ward	850,610	Apr. 16	3829	800	127	2639
Splint-carrier	H. W. Spellman	845,439	Feb. 26	5403	1147	126	5249
Splint-carrier	A. B. Calkins	845,447	Feb. 26	5416	1149	126	3252
Splints. Apparatus for applying composition to	F. C. Diminny	852,379	Apr. 30	7373	1548	127	3598
Split switch	G. M. Ervin	869,298	Oct. 29	3285	905	130	2421
Splitting-machine	E. A. Hildreth	845,954	Mar. 5	471	96	127	122
Splitting-machine	C. Eitle	867,711	Oct. 8	736	206	130	1559
Spoil heaps, banks, &c. Means or apparatus for the formation of	J. P. Roe	868,016	Oct. 15	1265	550-2	130	1743
Spoke. Metal wheel-	C. Heart	857,001	June 11	3037	639	128	2496
Spoke-socket	W. E. Holt	868,562	Oct. 15	2112	591	130	2001
Spoke-tightening device	J. L. Delhomme	867,645	Oct. 8	641	181	130	1529
Sponge-holder	U. L. Rife	867,080	Sept. 24	3578	1015	130	1214
Spool	P. Hardman	843,454	Feb. 5	1207	255	126	2093
Spool	M. Tilden	872,480	Dec. 3	349	72	131	1222
Spool and thread package	G. E. Gay	866,855	Sept. 24	3222	906	130	1106
Spool attachment	W. I. Staaf	870,478	Nov. 5	958	262	131	311
Spool gluing and assembling machine	I. A. Blood	842,169	Jan. 29	4792	1023	126	1369
Spool-holder	W. Green	848,460	Mar. 26	5501	1198	127	1474
Spool-holder	M. Halsted	850,641	Apr. 16	3913	816	127	2661
Spool-holder	H. D. Clark	873,506	Dec. 10	2457	517	131	1594
Spool holder and protector	A. Kasse and H. Stoll	842,958	Feb. 5	228	51	126	1846
Spool or bobbin	E. Hubbard	864,304	Aug. 27	3420	951	129	3239
Spool or reel	F. B. La May	866,039	Sept. 17	2013	562	130	689
Spool-stand	N. W. Hoskins	872,296	Nov. 26	4514	1071	131	1122
Spooler	A. E. Roades	869,519	Oct. 29	3641	998	130	2528
Spooling-machine	R. J. Emory	870,767	Nov. 12	1429	388	131	495
Spooling-machine	T. D. Ruth	870,850	Nov. 12	1556	428	131	536
Spooling-machine reciprocating mechanism	J. G. Callan	873,717	Dec. 17	2874	611-12	131	1698
Spoon	F. B. Comins	856,768	June 11	2608	536	128	2390
Spoon. Medicine-	G. C. Hohein	847,942	Mar. 19	4496	985	127	1187
Spot-setting machine	S. W. Reynolds	856,730	June 11	2539	522	128	2371
Spouting-bracket	J. B. Davies	862,140	Aug. 6	32	9	129	2092
Spray device	W. A. Speakman	859,701	July 9	2138	577	129	744
Spray for painting, agricultural disinfecting, and other analogous purposes. Automatic	W. Tyree	854,317	May 21	3938	813	128	1080
Spray motor. Steam-	J. Loftus	856,968	June 11	2967	621-2	128	2478
Spray-nozzle. Atomizing.	A. Franchetti	857,566	June 18	4131	875	128	2809
Sprayer	L. I. Lutes	846,491	Mar. 12	1555	344	127	425
Sprayer	F. G. Hobart	854,352	May 21	4002	827	128	1096
Sprayer	H. E. Holley	866,201	Sept. 17	2247	626-7	130	763
Sprayer and fire-extinguisher. Water-	J. R. Norman	842,689	Jan. 29	5941	1252	126	1662
Sprayer. Compressed-air.	C. W. and E. A. Parks	850,674	Apr. 16	3974	831	127	2676
Sprayer for hose-nozzles	J. A. Carlson	855,444	June 4	9	3	128	1697
Sprayer. Hand-	A. O. Freeman	865,485	Sept. 10	1133	321	130	372
Sprayer. Liquid-	L. A. Aspinwall	864,501	Aug. 27	3726	1037-8	129	3341
Sprayer. Liquid-	B. Jirotko	864,742	Aug. 27	4137	1148-9	129	3463
Spraying apparatus	R. Ditchfield	867,806	Oct. 8	883	251	130	1604
Spraying apparatus	D. F. Prevost	869,936	Nov. 5	88	26	131	30
Spraying apparatus	W. H. Heard	872,654	Dec. 3	708	147-8	131	1278
Spraying apparatus	J. V. Pearse	873,680	Dec. 10	2782	590-1	131	1652
Spraying device	E. F. Kauffman	851,758	Apr. 30	6120	1279	127	3282
Spraying device	I. Callmann and J. Sabatelli	865,355	Sept. 10	925	265	130	309
Spraying fluid upon the surfaces of paper textile fabrics, or the like.	C. A. Hanitzsch	864,784	Sept. 3	31	10	130	12
Spraying fruit-trees. Compound for	C. J. Herring	875,525	Dec. 31	6548	-----	131	2344
Spraying machine. Plant-	F. Bateman and H. C. Jones	869,958	Nov. 5	117	32	131	39
Spraying-machine strainer. Self-cleaning	J. D. Wallace	851,388	Apr. 23	5372	1127	127	3066
Spraying purposes and the like. Mixer for	W. C. Brown	870,270	Nov. 5	619	166	131	202
Spraying-tower supporter	D. Snell	872,469	Dec. 3	329	67	131	1218
Spring:							
See Bed-spring.	Pneumatic spring.						
Carpet-holding spring.	Ratchet-wheel click-spring.						
Coil-spring.							
Door-spring.	Seat-spring.						
Eyeglass-spring.	Sprinting-spring.						
Eyeglass-bridge	Thermostatic spring.						
spring.	Vehicle-spring.						
Furniture-spring.	Volute spring.						
Heel-spring.							
Spring	J. C. Whittle	845,210	Feb. 26	4947	1051	126	3138
Spring	F. P. D'Arcy	867,952	Oct. 15	1168	323	130	1711
Spring	C. T. Edgerton and W. J. Golden	872,226	Nov. 26	4393	1044-5	131	1102
Spring	F. M. Simmonds	872,692	Dec. 3	785	163	131	1292
Spring binding-post	H. G. Martin	871,352	Nov. 19	2532	651	131	784
Spring-clasp	M. Sternberg	874,632	Dec. 24	4764	1002	131	2031
Spring-clip for retaining filling-carriers	F. O'Donnell	859,512	July 2	1838	495	129	648
Spring-cushion work	M. A. Phelps	857,066	June 25	4313	911	128	2888
Spring device	C. Hainlin	854,087	May 21	3508	724	128	967
Spring device	W. B. Rueckert	860,331	July 16	3095	845	129	1088
Spring-equalizer	J. and A. Raab	864,914	Sept. 3	237	64	130	74
Spring for beds, seat-bottoms, &c.	T. R. Woodward	854,919	May 28	5136	1069	128	1411
Spring-helix	W. H. Chellis	841,227	Jan. 15	2892	629	126	823
Spring-jack-mounting plate	H. P. Hibbard	856,955	June 11	2934	616	128	2467
Spring-motor	L. J. Ring	851,836	Apr. 30	6289	1311-12	127	3328
Spring-motor	E. A. Reeves	858,625	July 2	458	120	129	159
Spring-motor	S. B. Bynum	873,499	Dec. 10	2443	514	131	1592

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Spring-plank	R. E. Frame	875,058	Dec. 31	5647	1177	131	2195
Spring-platform for vehicle-seats, chairs, lounges, and bed-bottoms.	H. Higgin	867,507	Oct. 1	420	120	130	1446
Spring-pressing machine	H. E. Spangler	844,549	Feb. 19	3407	733-4	126	2715
Spring-recoil neutralizer	A. Mans	844,884	Feb. 19	4315	920-1	126	2937
Spring-ring	E. W. Morehouse	846,597	Mar. 12	1792	395	127	486
Spring-roller	J. H. Sweetland	869,396	Oct. 29	3447	946	130	2470
Spring-seat	A. Bodenstern	846,085	Mar. 5	756	157	127	193
Spring structure	E. O. Stotts	840,522	Jan. 8	1485	328	126	425
Spring structure	A. Stedman	853,380	May 14	2058	426	128	560
Spring structure	W. K. Hitchcock	871,589	Nov. 19	3031	755	131	862
Spring terminal-clip	J. Schade, Jr.	845,268	Feb. 26	5068	1077	126	3169
Spring terminal-clip	J. Schade, Jr. (Reissue)	12,642	Apr. 23	5875	1228	127	3187
Spring-washer	H. Möhring	840,791	Jan. 8	2012	444	126	556
Spring-wheel	C. Dollinger	841,130	Jan. 15	2716	593	126	780
Spring-wheel	M. Murray	843,228	Feb. 5	807	166	126	1999
Spring-wheel	E. B. Sims	845,826	Mar. 5	181	35	127	48
Spring-wheel	L. A. Noël	846,937	Mar. 12	2456	538	127	653
Spring-wheel	L. A. Noël	846,938	Mar. 12	2457	539	127	654
Spring-wheel	A. S. F. Robinson	846,951	Mar. 12	2484	548	127	661
Spring-wheel	E. A. Nelson	847,099	Mar. 12	2763	610-11	127	728
Spring-wheel	J. H. Fawkes	847,926	Mar. 19	4468	979-80	127	1180
Spring-wheel	J. Fliegel	849,223	Apr. 2	1224	249	127	1901
Spring-wheel	S. S. Childs	850,134	Apr. 16	2930	612	127	2405
Spring-wheel	J. D. Sower	850,265	Apr. 16	3167	662	127	2469
Spring-wheel	W. O. Tubbs	851,572	Apr. 23	5719	1199	127	3148
Spring-wheel	H. Neubert	853,418	May 14	2112	440	128	573
Spring-wheel	J. E. Rielly	854,238	May 21	3811	787	128	1045
Spring-wheel	S. S. Childs	854,982	May 28	5248	1093	128	1439
Spring-wheel	J. W. Cooper	855,095	May 28	5508	1143	128	1505
Spring-wheel	J. W. Cooper	855,096	May 28	5510	1143-4	128	1505
Spring-wheel	P. J. Neate	858,412	July 2	77	20-2	129	26
Spring-wheel	E. L. Morgan	858,817	July 2	802	209	129	279
Spring-wheel	A. P. Stewart, Jr.	861,684	July 30	5217	1434	129	1838
Spring-wheel	C. L. Anderson	861,691	July 30	5230	1437	129	1842
Spring-wheel	R. O. Newport	862,410	Aug. 6	507	135	129	2245
Spring-wheel	L. J. Castiau	866,192	Sept. 17	2238	624	130	760
Spring-wheel	J. J. Scherneck	868,814	Oct. 22	2543	701	130	2162
Spring-wheel	D. Warner and H. Kitchel	870,602	Nov. 12	1145	312	131	405
Spring-wheel for motor-cars and other vehicles	L. and J. Jackson	856,880	June 11	2802	584-5	128	2436
Springs. Bearing end for half-elliptic	T. A. Shea	843,306	Feb. 5	969	198	126	2036
Springs. Device for retarding the rebounding action of	A. C. Walling	842,732	Jan. 29	6039	1272	126	1686
Springs. Making coil	N. S. Harter	873,429	Dec. 10	2311	483	131	1569
Springs. Means for cutting coil	N. S. Harter	873,430	Dec. 10	2312	484	131	1569
Sprinkler:							
See Automatic sprinkler. Lawn-sprinkler.							
Fire-extinguishing sprinkler.							
Sprinkler	C. C. and H. G. Rhodes	846,426	Mar. 5	1425	316	127	359
Sprinkler	G. Buels and A. R. Poett	871,029	Nov. 12	1844	505	131	627
Sprinkler alarm device	E. L. Thompson	855,077	May 28	5477	1136	128	1498
Sprinkler-closer. Automatic	G. Boden	843,556	Feb. 5	1452	306-7	126	2154
Sprinkler-head	A. M. Lewis	868,459	Oct. 15	1957	546	130	1951
Sprinkler-head. Automatic	J. A. Cass	848,347	Mar. 26	5287	1154	127	1421
Sprinkler-head deflector. Automatic	J. C. Scott	868,366	Oct. 15	1812	510	130	1907
Sprinkler-heads. Emergency shut-off for	E. Abbott	845,918	Mar. 5	402	82	127	104
Sprinkler-heads. Hood for automatic	J. C. Scott	855,205	May 28	5718	1190	128	1556
Sprinkler-stopping device	A. E. Johnson	866,933	Sept. 24	3343	944	130	1143
Sprinkler system	O. T. Farnham	864,630	Aug. 27	3963	1100	129	3410
Sprinkler-system attachment	J. McAlear	870,792	Nov. 12	1466	396	131	509
Sprinkler system. Automatic	E. L. Thompson	864,393	Aug. 27	3551	987	129	3280
Sprinkler system. Automatic	W. Bauer	868,624	Oct. 15	2233	620	130	2042
Sprinklers. Closure for automatic	W. A. Short	858,824	July 2	824	214	129	285
Sprinklers. Means for making struts for automatic	G. I. Rockwood	858,541	July 2	800	75	129	106
Sprinkling device. Lawn	J. P. Fishburn	871,682	Nov. 19	3200	792	131	891
Sprinkling machine. Keg	O. L. R. Ritter	864,560	Aug. 27	3852	1068	129	3377
Sprinkling system. Combined water and chemical	S. C. Radford	845,892	Mar. 5	359	70	127	87
Sprinting-spring	F. Feazel and H. Thompson	871,864	Nov. 26	3606	881	131	982
Sprocket	F. C. Dawes and J. W. Forrest	871,677	Nov. 19	3188	790	131	889
Sprocket-chain	G. C. Horst	839,849	Jan. 1	87	21	126	25
Sprocket wheel and chain	R. S. McIntyre	868,615	Oct. 15	2220	617	130	2037
Spud	C. E. Root	843,036	Feb. 5	396	86	126	1892
Spur	J. W. Fields	866,119	Sept. 17	2138	595	130	729
Sputum-cup	H. J. Potter	869,515	Oct. 29	3536	997	130	2527
Sputum-cup	C. W. Meinecke	869,793	Oct. 29	4073	1125	130	2657
Square	W. A. Schmalz	846,248	Mar. 5	1054	227	127	269
Square	L. V. Shepherd	847,208	Mar. 12	2981	657	127	783
Square	D. S. Cormier	855,233	May 28	5766	1200	128	1570
Square	F. G. Breul	858,791	July 2	743	196	129	255
Square	L. W. Kämpf	864,096	Aug. 20	3099	856	129	3113
Square	T. Sparks	865,129	Sept. 3	558	156	130	169
Square	A. E. Sollers	866,531	Sept. 17	2724	761	130	913
Square	C. M. Praul	870,845	Nov. 12	1551	426	131	535
Square	S. C. Finney	871,117	Nov. 19	2003	546	131	704
Square	W. H. Bishop	874,383	Dec. 24	4264	899	131	1949
Square	E. E. Bathrow	874,653	Dec. 24	4815	1010	131	2039
Square attachment	W. F. Rowell	848,399	Mar. 26	5383	1174	127	1443
Square. Caliper	L. S. Starrett	862,672	Aug. 6	953	256	129	2378
Square. Carpenter's	L. W. Cole	841,666	Jan. 22	3750	815	126	1076
Square. Carpenter's	G. Yates	846,274	Mar. 5	1100	238-9	127	280
Square. Carpenter's	W. Morley	846,495	Mar. 12	1559	345	127	426
Square. Carpenter's	H. W. Thompson	854,125	May 21	3587	740	128	984
Square. Carpenter's	J. A. McCloskey	855,257	May 28	5814	1211	128	1583
Square. Carpenter's	E. O. Iversen	862,166	Aug. 6	81	23	129	2110
Square. Carpenter's	J. G. Feil	868,421	Oct. 15	1893	531-2	130	1932

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Square. Carpenter's.	M. C. Post.	870,584	Nov. 12	1112	304	131	393
Square. Combination.	A. W. Hight.	854,351	May 21	4000	827	128	1095
Square. Combination.	A. B. Schlageter.	855,987	June 4	1054	219	128	1960
Square. Combination.	W. Roberts.	868,700	Oct. 22	2368	655	130	2110
Square. Degree.	L. Lalone.	851,947	Apr. 30	6525	1360	127	3387
Square. Folding.	J. Smith.	842,433	Jan. 29	5375	1137	126	1525
Square. Folding.	A. E. Sollers.	844,205	Feb. 12	2667	571	126	2494
Square. Folding.	J. H. Matthews.	854,659	May 21	4568	954	128	1235
Square. Folding.	S. J. Mullin.	862,269	Aug. 6	267	76-7	129	2165
Square. Folding.	E. S. Marks.	864,011	Aug. 20	2966	818	129	3071
Square. Folding steel.	R. M. Smith.	844,420	Feb. 19	3134	672	126	2649
Square. Folding steel.	J. Roop.	867,420	Oct. 1	288	84	130	1403
Square. T.	E. R. E. Nilsson.	852,077	Apr. 30	6802	1416-17	127	3458
Square. T.	E. Werner.	855,916	June 4	926	192	128	1928
Square. Tailor's.	B. Ricciardi.	845,319	Feb. 26	5178	1099	126	3195
Square. Try.	R. A. Breul.	844,243	Feb. 12	2749	586	126	2515
Square. Try.	R. A. Breul.	853,157	May 7	1570	327	128	397
Square. Try.	F. B. Miller.	867,922	Oct. 8	1075	304	130	1661
Squares. Attachment for carpenters'.	S. A. Burgett.	862,445	Aug. 6	573	151	129	2269
Squares. Attachment for carpenters'.	M. S. Sober.	870,854	Nov. 12	1564	430	131	539
Squares. Attachment for T.	G. A. Leonard.	870,372	Nov. 5	807	214	131	215
Squares. Machine for rolling carpenters'.	H. K. Jones.	869,850	Oct. 29	4154	1147	130	2683
Squeegee and scrubber. Combined.	A. R. Gschwind.	847,250	Mar. 12	3050	673	127	800
Squib-box.	C. H. Rice.	863,447	Aug. 13	2125	573	129	2778
Squirrel-smoker.	G. F. Shirrod.	841,901	Jan. 22	4247	914	126	1202
Stable appliance.	J. E. Jones.	853,174	May 7	1597	332	128	404
Stable equipment.	J. Von der Kammer.	869,715	Oct. 29	3959	1092	130	2625
Stable-flooring.	A. E. Noppel.	861,882	July 30	5529	1525	129	1932
Stable-floors. Basin or trap for.	M. J. O'Brien.	855,017	May 28	5330	1106	128	1460
Stable implement.	G. S. Prescott.	845,891	Mar. 5	338	70	127	87
Stables. Device for the barriers of horse.	J. Riedemann.	866,811	Sept. 24	3167	890	130	1089
Stack-compressor.	A. C. S. and O. S. Rue.	872,686	Dec. 3	774	161	131	1290
Stack-cover. Portable.	W. Kindt.	870,563	Nov. 12	1087	298	131	384
Stack-kiln.	H. S. Spackman and E. W. Lazell.	874,631	Dec. 24	4762	1001	131	2031
Stack or rick protector. Hay.	J. L. Hott.	872,564	Dec. 3	528	110	131	1248
Stacks. Covering for hay and the like.	O. Novák.	850,672	Apr. 16	3972	830	127	2676
Stacker.	W. W. Miller.	855,650	June 4	391	82	128	1794
Stacker and rake. Combined hay.	J. H. Lunsford.	861,529	July 30	4979	1368-9	129	1764
Stacker attachment.	W. A. Upright.	863,240	Aug. 13	1849	498	129	2692
Stacker. Hay.	J. Dain.	840,477	Jan. 8	1395	308-9	126	403
Stacker. Hay.	W. D. McAtlin.	841,094	Jan. 8	2623	574	126	712
Stacker. Hay.	J. H. Cope.	841,376	Jan. 15	3198	689-90	126	902
Stacker. Hay.	J. H. Neeb.	842,235	Jan. 29	4931	1051-2	126	1402
Stacker. Hay.	B. F. Powell.	845,576	Feb. 26	5659	1199-1200	126	3313
Stacker. Hay.	G. Scheihing.	847,376	Mar. 19	3319	728	127	894
Stacker. Hay.	A. F. Kearns.	848,832	Apr. 2	471	92	127	1707
Stacker. Hay.	F. A. Kime.	849,796	Apr. 9	2308	474	127	2211
Stacker. Hay.	L. J. Lindsay.	850,765	Apr. 16	4133	865	127	2714
Stacker. Hay.	L. J. Lindsay.	851,636	Apr. 23	5852	1223	127	3182
Stacker. Hay.	D. D. Ogilvie.	853,111	May 7	1491	311	128	377
Stacker. Hay.	E. Schulze.	853,649	May 14	2579	536	128	695
Stacker. Hay.	M. R. Jenkins.	855,005	May 28	5302	1102	128	1452
Stacker. Hay.	W. E. Carter.	855,281	May 28	5856	1220	128	1504
Stacker. Hay.	R. S. and G. D. Lewis.	856,966	June 11	2962	621	128	2476
Stacker. Hay.	P. F. and C. A. Fleming.	860,205	July 16	2899	792-3	129	1021
Stacker. Hay.	F. C. Jacobs.	860,748	July 23	3750	1027-8	129	1334
Stacker. Hood.	J. Dain.	867,248	Oct. 1	27	8-9	130	1325
Stacker. Pneumatic.	A. Luke.	845,876	Mar. 5	302	60	127	78
Stacker. Pneumatic.	O. Holen.	851,237	Apr. 23	5059	1065	127	2986
Stacker. Pneumatic.	J. B. Schuman.	858,630	July 2	482	124	129	168
Stacker. Pneumatic.	B. G. Baker.	873,829	Dec. 17	3121	664	131	1736
Stacker. Pneumatic straw.	O. O. Bodvig.	840,603	Jan. 8	1656	363-4	126	468
Stacker. Pneumatic straw.	T. N. Sellers.	856,609	June 11	2316	476	128	2315
Stacker. Pneumatic straw.	J. A. Walsh.	872,868	Dec. 3	1163	247	131	1349
Stacker-sections and the like. Hinge for.	S. J. Heitzenrater.	868,559	Oct. 15	2108	590	130	2000
Stacker. Straw.	E. and F. Barth.	843,063	Feb. 5	438	95	126	1904
Stacker. Straw.	A. J. Gritton.	845,078	Feb. 26	4600	995-6	126	3070
Stacker. Straw.	J. B. Bartholomew.	874,918	Dec. 24	5355	1120	131	2124
Stacker. Wind.	R. R. Howell.	848,172	Mar. 26	4926	1075-6	127	1331
Stackers. Adjustable casing for pneumatic.	C. E. Van Osdol.	866,240	Sept. 17	2303	643-4	130	781
Stackers. Attachment to elbows of wind.	S. W. Erickson.	867,716	Oct. 8	741	207-8	130	1560
Stackers. Grain-saving device for pneumatic.	F. W. Matousek.	871,286	Nov. 19	2388	619	131	762
Stacking machine. Hay.	J. D. Shank.	862,942	Aug. 13	1367	372	129	2539
Stage. Aquatic.	E. Wakefield.	859,708	July 9	2146	579	129	747
Stage-brace.	J. C. England.	865,774	Sept. 10	1583	447	130	515
Stage-curtain.	J. W. Vogel.	859,997	July 16	2598	707	129	923
Stage illusions. Means for producing.	H. Goldin.	865,966	Sept. 10	1892	530	130	621
Stage illusions. Means for producing.	H. Goldin.	867,879	Oct. 8	1003	286	130	1640
Stage. Window.	B. F. Earl.	841,676	Jan. 22	3775	820	126	1083
Stain and filler.	T. J. Kelly.	845,793	Mar. 5	113	.....	127	32
Stains and restoring paint or varnish to its original gloss. Composition for removing.	R. H. Lee.	849,480	Apr. 9	1721	.....	127	2062
Stains. Composition of matter for the eradication of.	L. Von Graeve.	841,086	Jan. 8	2607	.....	126	709
Stair.	J. Lea.	851,531	Apr. 23	5640	1180	127	3131
Stair.	A. G. Gustafson.	861,026	July 23	4196	1149	129	1478
Stair.	S. Grossman.	868,430	Oct. 15	1915	536	130	1938
Stair construction.	E. E. Schachner.	870,905	Nov. 12	1649	453-4	131	566
Stair-gage.	W. H. Wiegmann.	858,431	July 2	104	30	129	36
Stair. Metallic.	S. Grossman.	851,932	Apr. 30	6490	1354	127	3378
Stair-rail joint.	W. W. Burns.	865,233	Sept. 3	718	204	130	217
Stair-rod.	P. J. A. Smith.	848,574	Mar. 26	5715	1250	127	1527
Stair-rod fastener.	L. Deitrick.	843,521	Feb. 5	1372	269	126	2137
Stair-rod fastener.	W. H. Joyner.	869,492	Oct. 29	3599	986	130	2516
Stair-rod holder.	I. N. Giffin.	846,103	Mar. 5	793	166	127	203

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Stair-stringers. Table for punching	M. Grossman	851,931	Apr. 30	6486	1353-4	127	3371
Stair-templet	C. E. Cory	866,111	Sept. 17	2127	592	130	726
Staircase. Metal	P. Scherbner	847,699	Mar. 19	3991	872	127	1067
Staircase-stringer	C. F. Steiber	853,134	May 7	1532	319	128	387
Staircases. Construction of steps for	E. E. Schachner	844,409	Feb. 19	3114	667-8	126	2643
Stairway	F. B. Dickason	851,871	Apr. 30	6360	1326-7	127	3346
Stairway	C. E. Paulson	854,667	May 21	4586	957	128	1241
Stairway	F. B. Modjeski	858,199	June 25	5408	1152	128	3164
Stairway. Movable	H. Russel	872,457	Dec. 3	295	59-60	131	1214
Stairway. Spiral	G. Holden	839,846	Jan. 1	80	19	126	23
Stake-holder	A. J. Bostwick	844,775	Feb. 19	4108	876	126	2885
Stake-pocket and shaft-bearing. Combined	R. E. Frame	855,943	June 4	969	201	128	1938
Staking-tool	A. S. Koch	858,876	July 2	888	231	129	305
Stalk-cutter	F. P. Chapa	845,692	Feb. 26	5906	1247	126	3375
Stalk-cutter	E. A. Frantz	845,867	Mar. 5	275	55	127	77
Stalk-cutter	T. M. Yarbrough and R. C. Bradley	847,144	Mar. 12	2839	626	127	740
Stalk-cutter	J. P. Cooper	849,659	Apr. 9	2064	423	127	2149
Stalk-cutter	R. B. Human	861,121	July 23	4328	1188	129	1523
Stalk-cutter	G. E. Harper	862,473	Aug. 6	624	167	129	2283
Stalk-cutter	B. C. Lancaster	864,656	Aug. 27	3998	1110	129	3421
Stalk-cutter	G. W. Klock	868,871	Oct. 22	2623	725	130	2185
Stalk-puller	C. J. Richardson	843,493	Feb. 5	1305	274	126	2120
Stalk-puller	C. R. Smith	846,255	Mar. 5	1064	229	127	271
Stall-floor	O. Grunewald, Jr., and R. Altling	874,674	Dec. 24	4849	1018-19	131	2045
Stamp	J. P. O'Conner and J. E. Wright	856,799	June 11	2664	549	128	2403
Stamp	A. Heller	862,396	Aug. 6	483	129	129	2238
Stamp	T. S. Buck	870,223	Nov. 5	553	148	131	181
Stamp-affixer	C. A. Crawford	853,500	May 14	2279	472	128	619
Stamp-affixer	E. C. Yauck	874,720	Dec. 24	4957	1041	131	2060
Stamp-affixer and envelop-sealer	J. Slaybaugh	867,216	Sept. 24	3794	1071	130	1284
Stamp-affixer. Postage	F. W. Cherry	844,302	Feb. 12	2883	613	126	2548
Stamp-affixing apparatus	H. Hadida	863,169	Aug. 13	1725	463	129	2653
Stamp-affixing device	E. Wilson	874,274	Dec. 17	4049	855	131	1881
Stamp-affixing machine	W. C. Van Vliet	841,828	Jan. 22	4100	882-3	126	1168
Stamp-affixing machine	G. O. Thompson	857,499	June 18	3995	850-1	128	2777
Stamp-affixing machine	S. C. Kindig	870,726	Nov. 12	1354	370	131	475
Stamp and grinding mill. Combined	G. C. Richards	866,600	Sept. 17	2825	792	130	945
Stamp and label affixer. Postage	W. B. Spencer	866,974	Sept. 24	3400	963	130	1161
Stamp. Automatic identification	J. T. Earle	848,887	Apr. 2	588	117	127	1739
Stamp. Binder's	J. Henry	855,105	May 28	5538	1150	128	1512
Stamp. Check-protector	T. S. Buck	851,062	Apr. 23	4703	989	127	2899
Stamp. Double-acting	G. W. Beynon and G. H. Mackillop	844,847	Feb. 19	4250	905-6	126	2921
Stamp. Elapsed-time	B. F. Merritt	855,900	June 4	895	185-6	128	1920
Stamp. Hand	A. J. Sauerbier	856,915	June 11	2873	601	128	2453
Stamp. Hand	M. J. O'Farrell	858,619	July 2	447	117	129	157
Stamp. Hand	J. S. Matthews	859,310	July 9	1541	411	129	553
Stamp. Hand	F. A. Cram	864,082	Aug. 20	3075	849	129	3104
Stamp-mill	G. Coon	855,284	May 28	5861	1221	128	1595
Stamp-mill	J. F. Symons and W. H. Paull	859,629	July 9	2025	547	129	709
Stamp-mill	P. N. Leveque	860,307	July 16	3057	837	129	1075
Stamp-mill	F. I. Matthews	873,323	Dec. 10	2113	441	131	1532
Stamp-mill machinery	J. C. Anderson	852,756	May 7	762	150-1	128	199
Stamp-mill mortar. One-	G. H. Nissen	862,098	July 30	5862	1625	129	2036
Stamp-mill. Ore	J. E. Brooks	859,044	July 2	1140	304-5	129	388
Stamp-mill stamp-head	M. P. Boss	847,397	Mar. 19	3363	736	127	906
Stamp or label affixing machine	T. C. Hook	857,625	June 25	4247	897	128	2871
Stamp punching, dampening, and affixing apparatus	P. Arnold	840,736	Jan. 8	1910	420-1	126	531
Stamp-rack	J. P. Owens	872,446	Dec. 3	263	54	131	1210
Stamp. Registration	S. J. Halse	871,502	Nov. 19	2870	720	131	834
Stamp. Roller	F. Gogel	872,337	Dec. 3	35	7	131	1175
Stamp-shaft tappet	L. Mellinger	850,030	Apr. 9	2705	568	127	2310
Stamp. Time	W. C. Jones and G. E. Perry	852,563	May 7	385	70	128	101
Stamp. Time	A. Boos	852,818	May 7	909	186-7	128	232
Stamp. Time	W. C. Jones and G. E. Perry	861,521	July 30	4968	1365	129	1760
Stamp. Time	H. O. Jackson and H. W. Pidgeon	875,272	Dec. 31	6057	1264	131	2264
Stamps. Cushioned holder for dating	E. Ensign	850,471	Apr. 16	3568	746	127	2573
Stamps. Inking-pad for rubber and other	F. A. Sommer	848,063	Mar. 26	4752	1036	127	1287
Stamps. Machine for subdividing sheets of	J. N. Stacy	840,592	Jan. 8	1634	358-9	126	461
Stamped fabric	C. E. Bentley	869,225	Oct. 29	3162	872	130	2381
Stamping and numbering machine	J. French	850,425	Apr. 16	3475	728	127	2550
Stamping and numbering machine	J. French	874,358	Dec. 17	4207	836	131	1909
Stamping and numbering machines. Inking device for	J. French	872,281	Nov. 26	4486	1065	131	1118
Stamping devices. Mat for ticket or other	W. A. Albaugh	853,393	May 14	2075	430	128	564
Stamping-die	J. R. Main	864,976	Sept. 3	342	91	130	108
Stamping-machine	C. W. Gray	845,775	Mar. 5	83	17	127	24
Stamping-machine	C. W. Gray	845,776	Mar. 5	87	17	127	26
Stamping-machines. Counter-block and die for	J. A. McNulty	844,171	Feb. 12	2504	555	126	2473
Stamping-press	A. Zidovec	842,603	Jan. 29	5736	1212	126	1612
Stamping press. Foil	O. Blankmeister	863,583	Aug. 20	2345	640	129	2875
Stanchion	F. W. Franklin	841,955	Jan. 22	4338	936	126	1224
Stanchion	J. H. McGuire	847,806	Mar. 19	4202	919-20	127	1116
Stanchion	F. S. Overacker	849,264	Apr. 2	1298	263	127	1919
Stanchion	A. W. Reeves	854,966	May 28	5221	1087	128	1432
Stanchion	C. D. W. Thrasher	866,315	Sept. 17	2423	676-7	130	819
Stanchion-assembling apparatus	C. W. Vasson and J. W. Hutchings	844,218	Feb. 12	2699	576	126	2502
Stanchion. Automatic logging	E. L. Summers	841,068	Jan. 8	2561	560	126	695
Stanchion. Cattle	J. Hacker	846,664	Mar. 12	1917	422	127	518
Stanchion for cattle. Swinging	M. Lattin	852,439	May 7	57	11	128	18

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Stand:							
See Adjustable stand.	Music-stand.						
Advertising-stand.	Night-stand.						
Barrel-stand.	Photographic stand.						
Blacking-stand.	Railway-switch-stand.						
Boiler-stand.	Revolving stand.						
Calculating-stand.	Sad-iron stand.						
Camera-stand.	Sectional stand.						
Cycle-stand.	Shoe-polishing stand.						
Display-stand.	Spinning-frame roll-stand.						
Embroidery-stand.	Spool-stand.						
Flower-stand.	Switch-stand.						
Folding stand.	Telephone-stand.						
Garment-stand.	Telephone desk-stand.						
Garment-fitting stand.	Trolley-stand.						
Hat-stand.	Umbrella-stand.						
Horseshoeing-stand.	Washstand.						
Horseshoer's stand.	Washing-machine stand.						
Ink-bottle stand.	Water-cooler stand.						
Ironing-stand.	Work-stand.						
Laundry-stand.							
Stand or tripod	H. C. Chamberlin	864,611	Aug. 27	3938	1092	129	3403
Standard-pipe	A. C. Roebuck	859,781	July 9	2254	613	129	784
Standard. Adjustable	M. M. Moore	845,312	Feb. 26	5166	1096	126	3193
Standard-fastener	J. A. McCormick	842,330	Jan. 29	5131	1090	126	1455
Stannie chlorid. Producing	H. A. Sperry	868,473	Oct. 15	1975	550	130	1957
Staple blank or strip	E. T. Greenfield	872,205	Nov. 26	4335	1035-6	131	1094
Staple-fastener	L. A. Platt and W. T. Abel	839,836	Jan. 1	60	14	126	17
Staple-forming machine	W. N. Hunter	844,398	Feb. 19	3094	664	126	2638
Staple-forming machine	W. G. Liebig	861,518	July 20	4964	1364	129	1759
Staple-machine	R. Coates	870,114	Nov. 5	364	102-3	131	121
Staple or fastener	F. F. Winchester	846,826	Mar. 12	2233	489-90	127	598
Staple-puller	T. J. Alsop	845,156	Feb. 26	4838	1026	126	2110
Staple-puller	H. Breiding	839,802	Jan. 1	6	2	126	4
Staple-puller and fence-maker's tool	H. Cottrell	858,257	June 25	5513	1176	128	3192
Staple-tacker	P. R. Glass	845,857	Mar. 5	243	49	127	62
Stapling-machine	T. A. Briggs	871,991	Nov. 26	3899	940-2	131	1023
Stapling-machine	H. A. Olsson	850,290	Apr. 16	3209	669-70	127	2480
Star-finder	J. T. Rogers and W. H. Ridings	873,888	Dec. 17	3229	689	131	1755
Starch-mold	A. M. Baroody	856,912	June 11	2868	599-600	128	2451
Starch-powder. Laundry	J. Benold	844,911	Feb. 19	4362	931	126	2948
Starch. Treating	F. Dittler	867,235	Oct. 1	12	130	1320	
Starch. Treating	F. Dittler	847,658	Mar. 19	3900	127	1046	
Starch-washing apparatus	W. H. Uhlund	847,985	Mar. 19	4590	127	1208	
Starching-machine	A. R. Gustafson	860,068	July 16	2713	739	129	962
Starching machine. Shirt	F. J. Macnish	859,058	July 2	1158	311-12	129	393
Starter-can	T. M. Morris	853,295	May 14	1882	389-90	128	513
Starting-box. Automatic	C. J. Harter	845,469	Feb. 26	5481	1161	126	3269
Station-indicator	W. P. Ennis	874,898	Dec. 24	5271	1110-11	131	2116
Station-indicator	T. J. O'Neill	844,593	Feb. 19	3734	785-7	126	2789
Station-indicator	C. A. Utz	848,298	Mar. 26	5191	1133	127	1398
Station-indicator	A. J. Grunert and W. S. Whitney	850,673	Apr. 16	3972	831	127	2676
Station-indicator	J. Knutson	852,475	May 7	183	32-3	128	55
Station-indicator	H. L. Keeler	855,001	May 28	5292	1111	128	1450
Station-indicator	H. A. Hill	855,319	May 28	5917	1235	128	1608
Station-indicator and advertiser	A. P. Bonnaffons	857,630	June 25	4255	898-9	128	2873
Stationery-box	C. W. Cook	859,769	July 9	2230	607-8	129	776
Stationery-holder	E. P. Lynch	869,133	Oct. 22	3018	833-4	130	2309
Stave-cutting machine	L. L. Frierson	855,045	May 28	5391	1120	128	1476
Stave-jointing machine	A. Dunbar	844,948	Feb. 19	4418	944	126	2962
Stave-jointing machine	J. Simmons	851,412	Apr. 23	5416	1134	127	3077
Stay and fastener. Skirt	W. H. Regner	850,144	Apr. 16	2941	615-16	127	2408
Stay-bolt. Flexible	B. E. D. Stafford	860,109	July 16	2763	754	129	977
Stay-bolt. Flexible	T. H. Mooney	855,340	May 28	5958	1244	128	1618
Stay. Garment	A. E. Magoris	844,421	Feb. 19	3135	673	126	2649
Stay. Garment	H. L. Gregg	856,977	June 11	2986	626	128	2481
Stay. Garment	D. Schuler	844,160	Feb. 12	2569	550	126	2467
Stay-log	E. F. Smith	855,399	May 28	6052	1264	128	1642
Stay-roller	G. Wideman	868,206	Oct. 15	1696	480	130	1874
Stay-strip	H. B. White	869,270	Oct. 29	3229	889	130	2402
Stay-strip	S. G. Leitch	873,816	Dec. 17	3080	656	131	1731
Stay-strips. Feed mechanism for machines for applying	W. L. Peterson	842,823	Jan. 29	6199	1309	126	1724
Steam and combustion-gases. Apparatus for producing a mixture of	E. Schmidt	853,094	May 7	1458	305	128	369
Steam and water separator	A. J. Irvine, D. Mills, and W. H. Wood	866,059	Sept. 17	2051	572	130	701
Steam. Apparatus for separating oil and water from	D. B. Morison	845,128	Feb. 26	4793	1016	126	3100
Steam-boiler	I. J. Ullensaker	847,478	Mar. 19	3519	770-1	127	946
Steam-boiler	W. Downey	867,742	Oct. 8	778	218-19	130	1570
Steam-boiler	E. R. Gustavus	840,725	Jan. 8	1884	415	126	525
Steam-boiler	H. Schofield	841,235	Jan. 15	2910	632	126	827
Steam-boiler	T. F. Morrin	841,513	Jan. 15	3459	745	126	971
Steam-boiler	E. A. Voight	842,024	Jan. 22	4480	963	126	1258
Steam-boiler	D. Wigert	847,427	Mar. 19	3427	751-2	127	922
Steam-boiler	C. G. Wieland	848,786	Apr. 2	344	69	127	1676
Steam-boiler	A. Oronhyatekha	852,481	May 7	193	35	128	57
Steam-boiler	E. E. Carr	853,665	May 14	2612	542	128	704
Steam-boiler	W. Robertson	853,992	May 21	3304	679-80	128	916
Steam-boiler	H. Stanton	855,934	June 4	955	198	128	1934
Steam-boiler	H. C. Vogt	857,206	June 18	3442	726	128	2637
Steam-boiler	C. G. Wieland	858,423	July 2	89	25	129	31
Steam-boiler		859,155	July 2	1301	346	129	438
Steam-boiler		859,271	July 9	1477	394	129	530

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Steam-boiler	P. C. Forgard	860,538	July 16	3399	934	129	1188
Steam-boiler	R. C. Stevens	861,774	July 30	5367	1481	129	1882
Steam-boiler	J. J. Morgan and W. M. Hastings.	863,931	Aug. 20	2859	786	129	3039
Steam-boiler	L. W. S. Busler	864,358	Aug. 27	3504	973	129	3266
Steam-boiler	K. H. Merk	866,291	Sept. 17	2387	665	130	809
Steam-boiler	S. S. Davis	866,629	Sept. 24	2875	812-13	130	993
Steam-boiler	E. L. Arnold	866,834	Sept. 24	3194	898	130	1097
Steam-boiler	A. E. Jones	868,274	Oct. 15	1649	466	130	1861
Steam-boiler	E. L. J. Wera	871,249	Nov. 19	2298	604	131	749
Steam-boiler	C. D. Mosher	872,077	Nov. 26	4090	979	131	1053
Steam-boiler	H. V. Brady	872,291	Nov. 26	4503	1069	131	1121
Steam-boiler	F. J. Hickey	875,349	Dec. 31	6217	1296	131	2287
Steam-boiler. Oil-burning	T. W. Heintzelman and J. G. Camp.	857,170	June 18	3371	710-11	128	2620
Steam-boiler. Upright.	S. D. Brear	869,158	Oct. 22	3059	844	130	2322
Steam-boiler. Water-tube	H. Del Mar	844,713	Feb. 19	3979	846	126	2849
Steam-brake	W. Mauve	865,414	Sept. 10	1015	290	130	337
Steam-conduit	J. W. Aylsworth and F. L. Dyer	869,768	Oct. 29	4035	1114	130	2647
Steam-controller	J. Fehrenbatch	840,833	Jan. 8	2077	461	126	572
Steam-dome	C. J. Mellin	852,735	May 7	727	142	128	191
Steam-engine	G. W. King, H. J. Barnhart and C. B. King.	842,465	Jan. 29	5454	1156-7	126	1546
Steam-engine	C. H. Monroe	847,490	Mar. 19	3545	776	127	953
Steam-engine	C. L. Schultz	853,565	May 14	2402	501	128	650
Steam-engine	A. Zegarow	859,864	July 9	2378	646	129	822
Steam-engine	J. W. Tewksbury and T. E. E. Bartlett.	860,502	July 16	3349	919-20	129	1172
Steam-engine	J. D. MacLachlan	863,734	Aug. 20	2553	705-6	129	2943
Steam-engine	F. H. Mills	867,394	Oct. 1	253	73-4	130	1391
Steam-engine	J. D. MacLachlan	870,375	Nov. 5	813	215-16	131	267
Steam-engine	A. Siabloff	875,294	Dec. 31	6101	1273	131	2270
Steam-engine. Compound	H. Anderson	842,441	Jan. 29	5396	1143-4	126	1530
Steam-engine. Direct-acting	F. J. Heyser	872,937	Dec. 3	1287	274	131	1370
Steam from a boiler. Apparatus for measuring the supply of	M. Gehrle	874,667	Dec. 24	4837	1015	131	2043
Steam from waste heat of slag. Generating	R. Baggaley	846,817	Mar. 12	2212		127	593
Steam-generating apparatus	W. S. Johnson	858,656	July 2	522	134	129	181
Steam-generating power plants. Apparatus for increasing the efficiency of	A. B. Goodspeed and B. Beskow.	848,027	Mar. 26	4696	1024	127	1273
Steam-generator	W. R. Wills	842,284	Jan. 29	5029	1074	126	1427
Steam-generator	J. Schütte	843,497	Feb. 5	1311	276	126	2121
Steam-generator	C. Lucke	844,158	Feb. 12	2566	550	126	2467
Steam-generator	E. Solomiac	844,697	Feb. 19	3941	834-5	126	2841
Steam-generator	J. A. Mumford and D. W. Robb.	845,885	Mar. 5	327	67	127	84
Steam-generator	W. Mitchell	848,564	Mar. 26	5693	1246	127	1521
Steam-generator	J. M. Story	850,191	Apr. 16	3038	635-6	127	2433
Steam-generator	T. Lowther	853,182	May 7	1610	335-7	128	406
Steam-generator	E. L. J. Wera	853,290	May 14	1863	387-8	128	505
Steam-generator	W. S. Johnson	854,649	May 21	4550	950	128	1231
Steam-generator	T. F. Scollard	854,913	May 28	5124	1066	128	1409
Steam-generator	M. Connor	857,723	June 25	4439	937-8	128	2921
Steam-generator	H. Lemp	859,305	July 9	1527	408	129	547
Steam-generator	E. and H. R. Bretney	861,255	July 30	4540	1242	129	1622
Steam-generator	A. Neuenschwander	863,552	Aug. 13	2281	622-3	129	2825
Steam-generator	C. D. Mosher	864,853	Sept. 3	143	40	130	45
Steam-generator	T. R. Butman	866,188	Sept. 17	2232	623	130	758
Steam-generator	C. Bakehaus	867,631	Oct. 8	621	175	130	1524
Steam-generator	H. Cox	869,829	Oct. 29	4128	1140	130	2674
Steam-generator	T. R. Butman	874,389	Dec. 24	4283	902	131	1952
Steam generator and radiator. Combined	R. Watt	844,487	Feb. 19	3270	706	126	2683
Steam generator and superheater	F. A. Haughton	847,407	Mar. 19	3378	739-40	127	910
Steam-generator coil	H. D. Langton	843,254	Mar. 26	5075	1109	127	1368
Steam-generator fuel-regulation system	H. Lemp	854,048	May 21	3417	705	128	943
Steam-generator. High-pressure	A. J. Schaafl	872,378	Dec. 3	127	23	131	1187
Steam-generator. Water-tube	F. J. Manney and F. P. Hamilton.	861,040	July 23	4213	1153-4	129	1483
Steam-generator. Water-tube	N. J. Suckling	861,330	July 30	4667	1276	129	1668
Steam-generators. Automatic stoker for	J. Hodgkinson	869,708	Oct. 29	3948	1089	130	2622
Steam-generators. Electrical control apparatus for	R. Lomax and J. Tomlinson.	873,061	Dec. 10	1594	333-4	131	1448
Steam-joint	G. R. Pride	840,956	Jan. 8	2343	514	126	639
Steam-joint	C. H. Atkins	859,035	July 2	1129	301-2	129	383
Steam-loop	R. Conrader and A. J. Gillespie	841,311	Jan. 15	3068	664	126	867
Steam-making apparatus	P. M. Knopp	843,613	Feb. 12	1563	330	126	2218
Steam. Mechanism for utilizing superheated	C. de Loewenstein	850,380	Apr. 16	3393	709-10	127	2528
Steam-meter	W. A. Kitts	846,112	Mar. 5	807	169	127	206
Steam-meter	T. G. E. Lindmark	859,085	July 2	1195	322	129	405
Steam of locomotives. Apparatus for the utilization in a reheater of the exhaust-	C. Caille	852,868	May 7	1025	212	128	261
Steam or air engine. Oscillating	C. Dawe	856,517	June 11	2123	436-7	128	2266
Steam or vacuum gage	J. Ely	873,034	Dec. 10	1534	321	131	1438
Steam or water heater	W. C. Oberly	849,492	Apr. 9	1757	355	127	2071
Steam plants. System of cooling for condensing	H. E. McGowan	874,858	Dec. 24	5200	1096	131	2105
Steam-producer	I. H. Boyer	874,731	Dec. 24	4976	1046-7	131	2064
Steam-separator	G. Clark	845,758	Mar. 5	52	11	127	17
Steam-separator	G. Rothenbücher	851,254	Apr. 23	5096	1072	127	2994
Steam-separator	G. D. Hoppes	866,725	Sept. 24	3033	855	130	1064
Steam-separator	J. B. Berryman	868,156	Oct. 15	1465	412	130	1804
Steam-separator	W. W. Doolittle	869,164	Oct. 15	1475	416	130	1807
Steam-shovel	G. W. King, H. J. Barnhart, and C. B. King.	873,756	Dec. 17	2962	627-9	131	1711
Steam-table	G. Goldman	869,895	Nov. 5	37	10	131	14
Steam-trap	R. M. Dixon	841,129	Jan. 15	2712	593	126	778
Steam-trap	H. Sandvoss	842,250	Jan. 29	4961	1059	126	1409
Steam-trap	R. C. Johnston	843,019	Feb. 5	364	79	126	1884
Steam-trap	G. W. Hayden	843,207	Feb. 5	765	157	126	1989
Steam-trap	J. Langridge	843,402	Feb. 5	1119	233	126	2072
Steam-trap	W. Y. Moffat and T. W. Butler	843,686	Feb. 12	1691	359-60	126	2251

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Steam-trap.....	A. L. Riggs.....	844,958	Feb. 19	4432	947	126	2966
Steam-trap.....	W. Geipel.....	845,630	Feb. 26	5758	1218-19	126	3337
Steam-trap.....	W. Geipel.....	846,300	Mar. 5	1146	252-3	127	290
Steam-trap.....	C. E. Vance.....	847,131	Mar. 12	2815	622	127	741
Steam-trap.....	W. W. Doolittle.....	847,657	Mar. 19	3898	852	127	1046
Steam-trap.....	J. E. L. Ogden.....	848,390	Mar. 26	5364	1169	127	1438
Steam-trap.....	E. J. Kelley.....	849,401	Apr. 9	1561	316	127	2722
Steam-trap.....	H. Ritter.....	854,911	May 28	5121	1065-6	128	1408
Steam-trap.....	R. M. Dixon.....	860,858	July 23	3906	1071	129	1385
Steam-trap.....	W. R. Templeton.....	862,295	Aug. 6	314	89	129	2180
Steam-trap.....	W. R. Templeton.....	862,296	Aug. 6	317	89-90	129	2181
Steam-trap.....	A. Sarge, Jr.....	864,869	Sept. 3	168	47-9	130	53
Steam-trap.....	W. C. Brown.....	867,700	Oct. 8	717	201	130	1552
Steam-trap.....	F. P. Hamilton.....	868,659	Oct. 22	2293	637	130	2085
Steam-trap. Automatic.....	W. Austin.....	851,480	Apr. 23	5544	1161	127	3106
Steam-trap for use in heating systems.....	A. G. Paul.....	863,212	Aug. 13	1793	482	129	2676
Steam-trap. Tilting.....	G. W. Hayden.....	863,991	Aug. 20	2943	810	129	3064
Steamer.....	T. Matteson.....	869,099	Oct. 22	2970	820	130	2295
Steamer. Domestic.....	S. M. Johns.....	848,906	Apr. 2	623	124	127	1748
Steamer. Egg.....	J. L. Adams.....	874,278	Dec. 17	4055	857	131	1882
Steaming apparatus.....	W. G. Williams.....	843,510	Feb. 5	1345	283	126	2129
Steamboats and the like. Trimming-weight for.....	C. C. Rouillard.....	844,405	Feb. 19	3104	666	126	2641
Steel. Alloy.....	J. Churchward.....	867,642	Oct. 8	637	.....	130	1528
Steel. Alloyed.....	J. Churchward.....	868,327	Oct. 15	1749	.....	130	1888
Steel. Apparatus for treating molten.....	F. S. Adams.....	855,603	June 4	306	63	128	1773
Steel-breaking means.....	F. Hillix.....	861,724	July 30	5280	1453	129	1856
Steel connecting-bar. Pressed.....	N. McInnes.....	840,237	Jan. 1	909	198	126	247
Steel dies. Producing.....	G. F. Diez.....	857,926	June 25	4838	.....	128	3019
Steel-hardening apparatus.....	W. Taylor.....	874,641	Dec. 24	4791	1006	131	2035
Steel-ingot-compressing apparatus.....	N. H. O. Lilienberg.....	872,830	Dec. 3	1078	225-7	131	1337
Steel, iron, and other metals. Toughening or annealing.....	W. F. L. Frith.....	843,563	Feb. 5	1468	310	126	2158
Steel. Making.....	H. O. Chute.....	874,391	Dec. 24	4286	903	131	1952
Steel. Manufacture of.....	J. de Moya.....	842,802	Jan. 29	6162	.....	128	1715
Steel. Manufacture of.....	R. A. Hadfield.....	851,233	Apr. 23	5052	.....	127	2984
Steel. Manufacture of.....	J. W. Spencer.....	863,793	Aug. 20	2600	.....	129	2958
Steel. Manufacture of high-per-cent.-manganese.....	C. H. Kelsall.....	873,556	Dec. 10	2569	.....	131	1611
Steel. Manufacture of open-hearth.....	A. W. Allen.....	870,921	Nov. 12	1674	.....	131	575
Steel. Manufacturing.....	B. E. Eldred.....	843,592	Feb. 12	1516	322	126	2205
Steel. Manufacturing.....	H. Delporte, Fils.....	861,440	July 30	4871	.....	129	1730
Steel of high grade from ordinary iron. Preparing.....	A. Massott, Jr.....	861,999	July 30	5698	.....	129	1984
Steel plant.....	T. S. Blair, Jr.....	872,046	Nov. 26	4026	965-6	131	1042
Steel plant. Open-hearth.....	F. H. Crockard.....	872,800	Dec. 3	1002	208-10	131	1326
Steel plants. Apparatus for.....	F. H. Crockard and S. Hosking.....	863,968	Aug. 20	2913	803	129	3056
Steel plate. Face-hardened.....	C. Davis.....	873,512	Dec. 10	2465	520	131	1596
Steel. Producing.....	G. O. Seward and F. von Kugelgen.....	874,628	Dec. 24	4758	.....	131	2030
Steel structure. Cellular.....	J. M. Rude.....	849,502	Apr. 9	1781	360	127	2077
Steel-tempering bath.....	J. Churchward.....	845,755	Mar. 5	50	.....	127	16
Steel tie and rail-fastening.....	I. S. Witman.....	859,712	July 9	2151	581	129	749
Steel tie. Hollow.....	H. E. McMullen.....	868,215	Oct. 15	1552	441	130	1829
Steel-tired wheel.....	I. E. McCracken and E. S. Woods.....	856,598	June 11	2284	470	128	2307
Steel wheel. Pressed.....	W. Nice, Jr.....	859,099	July 2	1209	325	129	409
Steel with low carbon. High-manganese.....	R. A. Hadfield.....	856,250	June 11	1564	.....	128	2123
Steering and controlling device.....	R. M. A. B. Munro.....	853,719	May 14	2738	562-3	128	737
Steering and propelling mechanism. Boat.....	W. H. Fahrney.....	845,937	Mar. 5	436	89-90	127	112
Steering apparatus. Hydraulic.....	H. S. De Puy.....	868,160	Oct. 15	1469	413	130	1805
Steering appliance.....	D. C. Lewis.....	851,534	Apr. 23	5645	1181	127	3132
Steering-check.....	H. Lemp.....	855,463	June 4	41	10	128	1705
Steering device.....	W. E. Geyer.....	854,883	May 28	5079	1056	128	1396
Steering device.....	P. O. Zehner.....	866,901	Sept. 24	3286	925	130	1125
Steering-engine.....	F. D. Patten.....	858,207	June 25	5427	1157-8	128	3170
Steering-gear.....	F. J. Schiele.....	845,127	Feb. 26	4791	1016	126	3099
Steering-gear.....	F. Y. Harrison.....	845,949	Mar. 5	455	94	127	110
Steering-gear.....	L. H. Dyer.....	850,145	Apr. 16	2945	617	127	2408
Steering-gear.....	H. M. Love.....	851,680	Apr. 30	5964	1246	127	3242
Steering-gear.....	E. Huber.....	858,186	June 25	5390	1148	128	3160
Steering-gear.....	P. A. Custer.....	860,735	July 23	3727	1021	129	1326
Steering-gear.....	M. A. McEntire.....	867,290	Oct. 1	95	29	130	1343
Steering-gear.....	D. M. Dearing.....	871,678	Nov. 19	3189	791	131	889
Steering-gear.....	T. J. Fay and J. M. Ellsworth.....	873,526	Dec. 10	2501	527-8	131	1601
Steering-gear.....	P. Steinhauer.....	874,709	Dec. 24	4928	1035	131	2057
Steering-gear.....	G. G. Porter.....	874,989	Dec. 31	5510	1151	131	2173
Steering-gear attachment.....	J. D. Williamson, Jr.....	871,548	Nov. 19	2962	739	131	849
Steering mechanism.....	F. Baker.....	844,232	Feb. 12	2726	582	126	2513
Steering mechanism.....	H. Ford.....	847,405	Mar. 19	3375	739	127	979
Steering mechanism.....	C. Berg.....	851,394	Apr. 23	5383	1129	127	3068
Steering mechanism.....	W. Brierley.....	863,567	Aug. 13	2299	629	129	2830
Steering mechanism.....	H. E. Norris.....	870,794	Nov. 12	1470	397	131	510
Steering mechanism for ships.....	A. W. Ottignon.....	861,478	July 30	4916	1349	129	1744
Steering valve mechanism. Steam.....	J. R. Andrews.....	871,157	Nov. 19	2102	564	131	717
Steering vessels.....	H. W. Wilke.....	873,818	Dec. 17	3083	657	131	1732
Steering-wheel.....	E. F. Upton.....	873,190	Dec. 10	1847	387	131	1489
Steering-wheel for automobiles.....	W. F. Towne.....	848,140	Mar. 26	4878	1065	127	1318
Steering-wheel muff.....	W. H. Mandeville.....	867,736	Oct. 8	770	216	130	1567
Stem-making machine.....	M. H. Brannin.....	871,160	Nov. 19	2106	565-6	131	719
Stem-winding and stem-setting mechanism.....	L. C. Haubroe.....	845,000	Feb. 19	4519	964	126	2987
Stencil-duplicating apparatus.....	A. B. Dick.....	862,452	Aug. 6	582	154-5	129	2272
Stencil-frame.....	J. S. Duncan.....	840,052	Jan. 1	518	113	126	138
Stencil-perforating device.....	S. Pryor.....	839,888	Jan. 1	171	39	126	48
Stencil-sheet.....	M. J. D. Carter.....	867,186	Sept. 24	3753	1060	130	1271
Stencils. Making.....	A. D. Klaber.....	848,557	Mar. 26	5667	1241	127	1514
Stencils or other articles. Frame for.....	J. S. Duncan.....	853,539	May 14	2349	489	128	636
Stenciling appliance.....	C. D. White.....	843,920	Dec. 12	2139	457	126	2333
Stenciling designs on post-cards, &c. Apparatus for.....	A. G. Pirkis.....	875,106	Feb. 31	5735	1195	131	2210
Stenciling-machine.....	S. T. Smith, Jr.....	848,777	Apr. 2	319	65	127	1667

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Stenciling-machine	B. C. Stickney	853,605	May 14	2490	517	128	673
Stenciling-machine	B. C. Stickney	853,606	May 14	2493	517-18	128	674
Stenciling-machine	W. G. Fuerth	861,102	July 23	4298	1180	129	1512
Stenciling-machine	B. C. Stickney	866,083	Sept. 17	2085	581	130	711
Stenciling-machine	W. G. Fuerth	867,577	Oct. 8	543	154	130	1499
Stenographic machine	W. J. Kehoe	865,910	Sept. 10	1810	504	130	595
Stenographic or reporting machine	C. Bivort	852,994	May 7	1284	266-7	128	326
Stenter-clip	J. Riley	860,993	July 23	4148	1136	129	1464
Step and seat. Automatically-folding	S. Orr	841,565	Jan. 15	3539	765	126	991
Step. Collapsible	C. E. Frye	865,375	Sept. 10	958	274	130	319
Step-hanger	A. N. Manross	845,803	Mar. 5	136	25	127	38
Step-switch	C. Krämer	864,899	Sept. 3	215	60	130	67
Stereoscope	W. I. Sherwood	846,805	Mar. 12	2181	479-80	127	586
Stereoscope	C. L. Pappenhagen	849,747	Apr. 9	2204	454	127	2183
Stereoscope	H. E. Richmond	857,539	June 18	4071	865	128	2797
Stereoscope. Folding	W. Verbeck	871,974	Nov. 26	3853	932	131	1018
Stereoscope folding handle	H. C. White and C. S. Beach	853,664	May 14	2610	542	128	704
Stereotype apparatus. Casting-box for	J. L. Firm	839,924	Jan. 1	247	53	126	68
Stereotype-matrices. Manufacture of	A. Whitehead and G. Porteus	845,495	Feb. 26	5525	1171	126	3280
Stereotype plate and bas	B. C. Schmitt	864,802	Sept. 3	59	17	130	21
Stereotype-plate-casting apparatus	R. C. Annand	860,844	July 23	3888	1064	129	1380
Stereotype-plate-casting apparatus	H. F. Bechman	864,064	Aug. 20	3048	842	129	3096
Stereotype-plate holder	J. S. Weyl	869,607	Oct. 29	3797	1038	130	2577
Stereotype-plate-making apparatus	H. Winter	852,642	May 7	538	103	128	141
Stereotype-plates. Machine or casting-box for making	H. F. Bechman	853,752	May 14	2804	576	128	754
Stereotyping	S. A. C. Kristensen	840,775	Jan. 8	1980	-----	126	550
Stereotyping and the like. Production of matrices for	S. A. C. Kristensen	860,671	July 23	3631	-----	129	1297
Stereotyping and type-metal-founding apparatus	H. F. Bechman	853,754	May 14	2808	577	128	755
Stereotyping. Flog for	E. F. Baum	868,961	Oct. 22	2763	763	130	2231
Sterilizer	H. P. Bacon	839,805	Jan. 1	12	3	126	5
Sterilizer	G. Van Eyck	845,208	Feb. 26	4946	1049-50	126	3137
Sterilizer	W. Castle	853,498	May 14	2274	471	128	617
Sterilizer. Electric	J. B. Wantz	854,318	May 21	3940	814	128	1080
Sterilizers to mouthpieces. Device for applying	O. H. Savage	840,662	Jan. 8	1756	386	126	494
Sterilizing and filling vessels. Apparatus for	P. Lamouroux	865,713	Sept. 10	1488	420	130	483
Sterilizing and preserving substances	A. Schroeder	850,606	Apr. 16	3822	-----	127	2638
Sterilizing apparatus	E. Kronman	861,469	July 30	4904	1346	129	1740
Sterilizing apparatus	F. A. Emerick	862,623	Aug. 6	878	234-5	129	2357
Sterilizing apparatus	C. Junker	867,048	Sept. 24	3524	999	130	1198
Sterilizing closed vessels	L. Nathan	867,831	Oct. 8	926	264	130	1616
Sterilizing, disinfecting, or odorizing vehicles. Automatic apparatus for	H. S. Blackmore	853,435	May 14	2144	447	128	582
Sterilizing or pasteurizing apparatus. Attachment for	C. J. Tagliabue	842,981	Feb. 5	272	59	126	1858
Sterilizing-tablet	V. B. Nesfield	871,612	Nov. 19	3079	765	131	870
Stethoscope	P. A. Aurness	843,319	Feb. 5	989	203	126	2040
Stethoscope	F. Dittmar	860,906	July 23	3992	1094	129	1413
Stethoscope	D. P. Penhallow	872,448	Dec. 3	268	55	131	1211
Stethoscopes and other aural instruments. Ear-tip for	C. H. Liverpool	874,092	Dec. 17	3692	777	131	1821
Stick-feeder	W. H. Waldron	857,427	June 18	3848	817	128	2738
Stick-feeder	W. H. Waldron	858,125	June 25	5277	1120	128	3132
Stick-feeder	I. E. Bedell	861,077	July 23	4261	1168	129	1498
Stiffenings for sunbonnets and the like. Making	D. H. Kendall	867,202	Sept. 24	3773	1066	130	1277
Still	A. S. Carr	840,607	Jan. 8	1664	365	126	471
Still	J. H. Ullrick	851,045	Apr. 23	4671	981-2	127	2891
Still	F. J. Stokes	861,485	July 30	4922	1352	129	1746
Still	A. D. Stevens and W. W. Acheson	864,208	Aug. 27	3284	910-11	129	3198
Still and heater. Combined water	F. E. Maxson	866,207	Sept. 17	2255	629	130	765
Still. Continuous	E. Krepper	843,217	Feb. 5	780	161	126	1992
Still. Continuous boiling-out	J. T. Ludlow and D. Mosher	853,986	May 21	3289	677	128	913
Still for petroleum. Steam-	H. Frasc	845,735	Feb. 26	5088	1265-6	126	33 5
Still. Mercury or quicksilver	R. A. Lackmann	853,701	May 14	2687	554	128	725
Still retort. Wood-	H. Copilovich	840,753	Jan. 8	1940	426	126	538
Still. Water-	O. A. Nenninger	842,687	Jan. 29	5936	1251	126	1661
Stirrer	I. W. Greenwald	841,010	Jan. 8	2439	533	126	662
Stirrup	J. V. Levy	841,793	Jan. 22	4024	869	126	1148
Stirrup	M. Boyer	859,480	July 9	1795	482	129	636
Stirrup	J. Tweit	872,264	Nov. 26	4451	1058	131	1112
Stirrup. Safety-	K. Reim	842,702	Jan. 29	5969	1259	126	1669
Stirrup. Safety-	F. W. Breitenstein	847,896	Mar. 19	4406	966	127	1164
Stitch-impression-finishing machine	J. J. Heys	860,877	July 16	3165	865-6	129	1110
Stitch-impression machine	J. J. Heys	860,376	July 16	3162	864-5	129	1109
Stitch impressions or indentations. Burnishing-machine for imitation-	L. W. G. Flynt	845,939	Mar. 5	440	90-1	127	113
Stitch machine. Impression-	J. B. Hadaway	855,401	May 28	6054	1265	128	1642
Stitch machine. Ornamental-	W. N. Parkes	875,619	Dec. 31	6798	1416	131	2375
Stitch machine. Zigzag and ornamental	W. N. Parkes	875,617	Dec. 31	6787	1414-15	131	2374
Stitching machine. Eyelet or embroidery	W. N. Parkes	875,614	Dec. 31	6772	1411	131	2373
Stock and die	F. W. Reilly	863,756	Aug. 20	2590	716	129	2956
Stock. Brick-holder for use in the care of live	C. L. Hutcheson	842,835	Jan. 29	6224	1314	126	1730
Stock. Foot-	B. M. W. Hanson and A. E. Thayer	867,198	Sept. 24	3769	1065	130	1276
Stock-fountain	W. M. Hotze	851,168	Apr. 23	4915	1033	127	2951
Stock-fountain	O. N. McCormick and W. A. Cortner	859,829	July 9	2316	630	129	803
Stock-loader	J. Gibson	850,640	Apr. 16	3911	815	127	2661
Stock-loader	W. S. Bourne	852,314	Apr. 30	7235	1519	127	3564
Stock-nursing appliance	H. Krümling	840,632	Jan. 8	1705	375	126	481
Stock-releaser	J. A. Dunham	859,874	July 9	2398	652	129	827
Stock rubbing-post. Live-	R. Schneider	866,823	Sept. 17	2710	758	130	909
Stocking	A. F. A. King	840,629	Jan. 8	1702	374	126	480
Stocking	R. W. Scott	852,350	Apr. 30	7298	1534	127	3581
Stocking	F. W. Lum	858,006	June 25	5038	1065	128	3070
Stocking. Baby's	L. E. Irwin	872,517	Dec. 3	417	87	131	1233

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Stocking-drier.....	P. J. Timberlake.....	875,135	Dec. 31	5797	1210	131	2230
Stocking-protector.....	B. Riely.....	844,749	Feb. 19	4051	864	126	2869
Stocking-protector.....	G. V. Wallace.....	874,880	Dec. 24	5242	1104	131	2111
Stocking-supporter.....	L. G. Hanley and J. B. Porter.....	860,292	July 16	3029	829	129	1065
Stocking-supporting clasp.....	G. Devoll.....	841,127	Jan. 15	2709	592	126	778
Stocking-supporting means.....	G. F. Mansfield.....	849,253	Apr. 2	1276	258	127	1914
Stocking. Waterproof.....	J. I. Mullen.....	858,665	July 2	535	137	129	185
Stoker.....	C. A. Knowlton.....	867,979	Oct. 15	1211	334	130	1725
Stoker. Automatic.....	J. S. S. Fulton.....	842,878	Feb. 5	72	17	126	1809
Stoker. Automatic.....	H. E. Wallis.....	875,020	Dec. 31	5574	1164	131	2183
Stoker for furnaces.....	E. Bretney.....	864,946	Sept. 3	286	76-7	130	92
Stoker-furnace.....	F. E. Small.....	859,413	July 9	1704	453-4	129	605
Stoker. Furnace.....	E. E. Slick.....	872,382	Dec. 3	133	25	131	1188
Stoker. Mechanical.....	W. H. Strouse.....	840,722	Jan. 8	1873	413	126	523
Stoker. Mechanical.....	W. H. Strouse.....	840,723	Jan. 8	1878	414	126	524
Stoker. Mechanical.....	J. A. Caldwell. (Reissue).....	12,598	Jan. 22	4753	1015-16	126	1325
Stoker. Mechanical.....	N. E. Gee.....	847,061	Mar. 12	2695	593-4	127	712
Stoker. Mechanical.....	N. E. Gee.....	847,174	Mar. 12	2898	637-9	127	762
Stoker. Mechanical.....	F. J. Crolius.....	848,728	Apr. 2	214	43-4	127	1642
Stoker. Mechanical.....	L. Fridez.....	850,919	Apr. 23	4445	929-30	127	2834
Stoker. Mechanical.....	A. Box.....	852,763	May 7	779	154	128	202
Stoker. Mechanical.....	M. Swintek.....	867,443	Oct. 1	317	92-3	130	1412
Stoker. Mechanical.....	D. A. Wood.....	869,539	Oct. 29	3671	1006-7	130	2538
Stoker. Straw.....	A. E. Woodmansee.....	847,391	Mar. 19	3350	734-5	127	902
Stoker. Traveling-grate.....	J. E. Bell.....	857,011	June 18	3055	644	128	2538
Stokers. Coal-magazine for automatic.....	L. D. Smith.....	848,861	Apr. 2	540	106	127	1728
Stone and concrete. Making artificial.....	F. S. Lamson.....	870,370	Nov. 5	802	.....	131	262
Stone and making same. Artificial.....	H. O. Duerr.....	873,849	Dec. 17	3167	.....	131	1743
Stone. Artificial.....	G. Hammond.....	860,744	July 23	3738	.....	129	1330
Stone blocks. Machine for making artificial.....	V. W. Grumman.....	855,945	Mar. 5	450	93	127	116
Stone-crusher.....	W. Brinton and O. E. Brown.....	859,735	July 9	2183	591	129	759
Stone-crusher.....	E. C. Hodges.....	871,063	Nov. 12	1894	519	131	642
Stone-crusher.....	G. R. Starnes.....	875,633	Dec. 31	6864	1432	131	2380
Stone cutting and polishing wheel.....	N. C. Harrison.....	863,172	Aug. 13	1731	465	129	2655
Stone-cutting bit.....	C. N. Johnson.....	858,072	June 25	5174	1096	128	3105
Stone-cutting machine.....	A. F. Jones.....	845,095	Feb. 26	4731	1003-4	126	3082
Stone-cutting machine.....	A. F. Jones.....	850,113	Apr. 9	2877	602	127	2351
Stone-cutting machine.....	A. F. Jones.....	852,562	May 7	383	69	128	101
Stone-cutting machine.....	A. F. Jones.....	863,851	Aug. 20	2740	754	129	3003
Stone-cutting saw.....	J. S. Young.....	861,419	July 30	4829	1325	129	1719
Stone-dressing machine.....	W. H. Van Sickle.....	846,808	Mar. 12	2192	482	127	588
Stone-dressing machine.....	A. F. Jones.....	847,339	Mar. 19	3228	711-12	127	872
Stone-dressing machine.....	W. H. Van Sickle.....	857,692	June 25	4383	924	128	2906
Stone-fluting machine.....	G. N. Williams, Jr.....	868,051	Oct. 15	1326	370-1	130	1761
Stone gallery.....	G. W. Dover.....	843,006	Feb. 5	329	72	126	1873
Stone in imitation of marble or granite and the like. Manufacture of artificial.....	L. Lefranc.....	841,160	Jan. 15	2770	.....	126	794
Stone. Manufacturing artificial.....	J. Staudt.....	850,689	Apr. 16	3999	.....	127	2682
Stone mold. Artificial.....	F. Nelson.....	857,413	June 18	3820	810	128	2733
Stone mold. Artificial.....	O. Dougherty, J. W. and A. Armstrong.....	858,502	July 2	245	60	129	89
Stone-picker.....	G. L. Holliday and I. S. Hawks.....	856,780	June 11	2633	541	128	2395
Stone plates, slabs, or tiles. Manufacture of imitation.....	L. Hatschek. (Reissue).....	12,594	Jan. 15	3719	808	126	1035
Stone-polishing wheel.....	S. H. Mills.....	848,760	Apr. 2	276	56	127	1657
Stone. Process of and apparatus for manufacturing artificial.....	L. Pulvermann.....	871,524	Nov. 19	2918	729	131	842
Stone-puller.....	A. Deschambault.....	851,732	Apr. 30	6076	1270	127	3271
Stone-saw.....	J. S. Young.....	840,546	Jan. 8	1536	339	126	438
Stone-saw.....	C. L. Miel.....	863,301	Aug. 13	1926	520	129	2714
Stone-saw hanger. Pendulum.....	F. A. Daley.....	851,731	Apr. 30	6075	1269	127	3271
Stone-sawing machine.....	J. S. Young.....	841,300	Jan. 15	3047	660	126	862
Stone structure. Hollow.....	A. Angeloro.....	858,939	July 2	982	255	129	337
Stone turning and cutting machine.....	J. S. Detrick and J. W. Neidhardt.....	855,234	May 28	5767	1201-2	128	1570
Stoneworking-machine.....	J. E. Peirce.....	862,933	Aug. 13	1346	367-8	129	2532
Stoneworking-machine tool-holder.....	H. H. Mercer.....	871,944	Nov. 26	3770	917	131	1007
Stoneworking-tool.....	D. W. McLeod.....	860,314	July 16	3071	840	129	1080
Stool.....	P. J. Carlson.....	849,975	Apr. 9	2630	549	127	2292
Stool.....	E. P. Lang and C. J. Kalbe.....	873,249	Dec. 10	1947	407-8	131	1507
Stool. Adjustable and portable carrying.....	A. B. McDaniel.....	872,739	Dec. 3	887	184	131	1307
Stool and folding foot-rest. Combination.....	A. B. McDaniel.....	872,738	Dec. 3	886	184	131	1306
Stool. Counter.....	W. G. Winans.....	850,453	Apr. 16	3530	738	127	2563
Stool. Folding camp.....	T. O'Brien.....	860,409	July 16	3219	880	129	1128
Stool. Metallic.....	C. H. Erickson.....	868,420	Oct. 15	1893	531	130	1932
Stool. Milking.....	A. Schroeder, Jr.....	866,818	Sept. 24	3177	892	130	1092
Stool or seat. Adjustable.....	W. C. Hahne.....	869,777	Oct. 29	4048	1117	130	2651
Stool. Sanitary.....	W. K. Alohioka.....	866,251	Sept. 17	2317	647	130	785
Stool. Shoe-fitting.....	H. J. La Londe.....	863,541	Aug. 13	2261	615	129	2821
Stool. Vertically-adjustable.....	G. T. Trumbull.....	847,529	Mar. 19	3620	799	127	974
Stop-action. Combination.....	J. O. Funkhouser.....	873,364	Dec. 10	2195	458	131	1547
Stop. Automatic non-reversing.....	S. F. Evans.....	875,336	Dec. 31	6192	1291	131	2283
Stop mechanism.....	H. Fulster.....	871,953	Nov. 26	3784	920	131	1010
Stop mechanism. Emergency.....	H. R. Tooker.....	848,511	Mar. 26	5594	1222	127	1495
Stop-motion.....	G. H. Lang.....	864,849	Sept. 3	137	38	130	43
Stop-motion apparatus.....	H. A. Haselden.....	867,131	Sept. 24	3645	1036	130	1234
Stop-motion. Electric.....	F. A. Sandford.....	867,758	Oct. 8	806	227	130	1580
Stop-motion for roving-frames.....	M. Nolet.....	872,963	Dec. 3	1349	285	131	1379
Stopper.....							
See Bath and basin stopper.....	Leak-stopper.....						
Bottle-stopper.....	Pipe-stopper.....						
Flue-stopper.....	Tube-stopper.....						
Flue-hole stopper.....	Vessel-stopper.....						
Hot-water-bag stopper.....	Water-bag and the like stopper.....						
Stopper.....	B. F. Whelden.....	846,271	Mar. 5	1094	237	127	279
Stopper.....	C. C. Bacon.....	852,644	May 7	545	104	128	143

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Stopper-extractor.....	A. Dudly, Sr.....	847,744	Mar. 19	4074	890	127	1086
Stopper for bottles, jars, &c., and manufacturing same.	J. Lowman.....	872,660	Dec. 3	719	149-50	131	1281
Storage and display receptacle.....	J. D. Richardson.....	844,617	Feb. 19	3776	796	126	2798
Storage apparatus for coal, &c.....	C. A. Fry.....	860,365	July 16	3145	860	129	1104
Storage battery.....	S. Lake.....	844,815	Feb. 19	4189	892	126	2905
Storage battery.....	E. Sokal.....	852,464	May 7	157	28	128	48
Storage battery.....	W. Gardiner.....	860,291	July 16	3027	829	129	1065
Storage battery.....	C. Berst.....	863,347	Aug. 13	1995	537	129	2738
Storage battery.....	W. Gardiner.....	864,297	Aug. 27	3412	948-9	129	3237
Storage battery.....	J. C. Cook and E. Sokal.....	870,015	Nov. 5	227	61	131	80
Storage battery.....	H. E. R. Little.....	870,973	Nov. 12	1776	483	131	605
Storage-bin.....	J. H. Tromanhauser.....	844,633	Feb. 19	3801	804	126	2805
Storage-bin.....	J. H. Tromanhauser.....	848,410	Mar. 26	5412	1180	127	1452
Storage-plant.....	E. Meier.....	865,197	Sept. 3	660	187-8	130	200
Store-bin.....	P. T. J. Estler.....	873,664	Dec. 10	2755	584	131	1647
Store-case.....	V. Summer.....	859,787	July 9	2262	615	129	786
Store-front and show-case construction.....	F. J. Plym.....	860,150	July 16	2823	770-1	129	1000
Store-front construction.....	F. J. Plym.....	846,343	Mar. 5	1242	273	127	313
Store-front construction.....	F. J. Plym.....	852,450	May 7	81	17	128	24
Store-service apparatus.....	H. J. Davis and P. G. Ault.....	867,804	Oct. 8	880	250	130	1603
Storehouse for grain and other material.....	J. H. Elward.....	812,538	Jan. 29	5592	1184	126	1576
Storm-apron.....	A. J. Miller.....	840,081	Jan. 1	584	127	126	155
Storm-front or duster-hood fastener.....	W. E. Clark.....	844,920	Feb. 19	4374	934-5	126	2951
Storm-front. Safety.....	L. Cockerill.....	865,478	Sept. 10	1119	318-19	130	369
Storm-shield and buggy-top.....	A. L. Trabue.....	870,859	Nov. 12	1569	431-2	131	541
Stove.....	C. Ayres.....	839,804	Jan. 1	10	2	126	5
Stove.....	C. L. Gohmann.....	842,196	Jan. 29	4850	1035	126	1382
Stove.....	W. J. Keep and H. C. Maul.....	842,557	Jan. 29	5630	1190	126	1585
Stove.....	M. W. Barker.....	842,995	Feb. 5	310	67	126	1867
Stove.....	E. G. Van Wie.....	843,643	Feb. 12	1626	344-5	126	2236
Stove.....	J. M. Robertson.....	846,621	Mar. 12	1842	405	127	498
Stove.....	B. W. Dodson.....	851,280	Apr. 23	5156	1083-4	127	3011
Stove.....	E. P. Watson, Sr.....	852,209	Apr. 30	7056	1474	127	3522
Stove.....	W. S. Jackson.....	854,358	May 21	4012	829	128	1099
Stove.....	J. Rosenthal.....	854,605	May 21	4474	932-3	128	1212
Stove.....	L. Miller.....	857,649	June 25	4286	905	128	2881
Stove.....	J. A. Breen.....	858,790	July 2	742	196	129	255
Stove.....	W. B. Kimmel.....	858,872	July 2	884	230	129	304
Stove.....	L. Kahn.....	859,299	July 9	1519	406	129	544
Stove.....	E. S. Brown.....	859,428	July 9	1725	459	129	613
Stove.....	M. Kelly.....	860,388	July 16	3183	870	129	1116
Stove.....	W. A. Hammer.....	864,371	Aug. 27	3522	977	129	3271
Stove.....	I. B. Sanders.....	864,864	Sept. 3	162	46	130	51
Stove.....	M. W. Randolph.....	865,940	Sept. 10	1851	520	130	608
Stove.....	J. E. Rockey.....	867,838	Oct. 8	933	266	130	1618
Stove.....	L. B. Dorcas and T. W. Ryan.....	868,417	Oct. 15	1888	530	130	1931
Stove.....	W. Andrew.....	870,153	Nov. 5	435	119	131	143
Stove.....	J. L. Reid.....	870,686	Nov. 12	1287	352	131	453
Stove and apparatus for heating air.....	S. C. Davidson.....	867,572	Oct. 8	534	152	130	1496
Stove and furnace.....	F. Fieberger.....	844,342	Feb. 19	2978	636	126	2610
Stove and furnace.....	R. A. May.....	847,351	Mar. 19	3263	717	127	881
Stove and furnace.....	M. M. Dillon.....	863,269	Aug. 13	1883	508	129	2701
Stove and grate therefor.....	W. G. S. Symmons.....	860,841	July 23	3853	1063	129	1378
Stove and radiator. Gas.....	F. De Grauwe.....	867,644	Oct. 8	641	180-1	130	1529
Stove and range attachment.....	F. C. and E. L. Kessler.....	844,142	Feb. 12	2538	544	126	2460
Stove and range auxiliary grate.....	L. Gertenbach.....	871,266	Nov. 19	2329	608	131	754
Stove and the like.....	S. M. Neill.....	840,861	Jan. 8	2144	474	126	588
Stove attachment.....	J. Eisenberg.....	866,010	Sept. 17	1967	549	130	675
Stove attachment.....	A. H. Merrill.....	873,254	Dec. 10	1961	409	131	1509
Stove attachment. Gas.....	E. Efert.....	854,202	May 21	3736	772	128	1025
Stove attachment. Gas-heating.....	V. W. Blanchard.....	849,320	Apr. 2	1400	281	127	1944
Stove attachment. Vapor.....	J. H. Herrington.....	859,659	July 9	2078	561	129	726
Stove base. Cook.....	A. Darrow.....	875,245	Dec. 31	6007	1253	131	2256
Stove burner. Denatured-alcohol cook.....	G. G. Schroeder.....	866,605	Sept. 17	2833	795-6	130	947
Stove. Coal.....	C. T. McCarroll.....	841,169	Jan. 15	2784	608	126	797
Stove. Combined heating and cooking.....	J. I. Hamaker.....	840,488	Jan. 8	1420	313	126	408
Stove. Cook.....	W. R. K. Stanford.....	843,773	Feb. 12	1849	393	126	2291
Stove. Cooking.....	O. Lee.....	846,579	Mar. 12	1744	386	127	472
Stove. Cooking.....	C. W. Curtis.....	851,801	Apr. 30	6204	1295	127	3305
Stove. Cooking.....	V. M. Braschi.....	856,023	June 4	1114	231-2	128	1976
Stove. Cooking.....	F. Harper.....	856,581	June 11	2258	464	128	2299
Stove. Cooking.....	F. Oberbeck and C. T. Taylor.....	859,687	July 9	2119	572	129	739
Stove. Cooking.....	T. J. March.....	862,924	Aug. 13	1334	364	129	2528
Stove. Cooking.....	D. Buhlmann.....	864,508	Aug. 27	3739	1041	129	3344
Stove. Cooking.....	A. W. Walker.....	871,051	Nov. 12	1879	514	131	638
Stove. Cooking.....	A. Konst.....	872,353	Dec. 3	76	14	131	1180
Stove cover or mat.....	L. J. Herrick.....	852,116	Apr. 30	6884	1438	127	3477
Stove-door.....	B. A. Baxter.....	862,602	Aug. 6	851	227	129	2348
Stove-door.....	J. E. Thieme.....	872,694	Dec. 3	789	164	131	1292
Stove-door draft-regulator.....	C. M. Gentner.....	866,197	Sept. 17	2243	625	130	762
Stove. Drying.....	P. Ostertag.....	864,186	Aug. 27	3255	901	129	3189
Stove. Electric.....	A. L. Marsh.....	852,338	Apr. 30	7273	1529	127	3575
Stove. Electric cooking.....	D. C. Smith.....	855,536	June 4	174	35	128	1738
Stove. Electrically-heated.....	F. Gutjahr.....	856,054	June 4	1161	245	128	1986
Stove fire-box. Cooking.....	A. F. Harter.....	864,737	Aug. 27	4129	1146	129	3461
Stove-flue.....	E. E. Thompson.....	843,375	Feb. 5	1063	224	126	2064
Stove. Folding.....	W. E. Enfield.....	865,579	Sept. 10	1289	365	130	421
Stove. Foraminous-ledge.....	P. J. Mooney.....	848,314	Mar. 26	5223	1140	127	1408
Stove. Foundry drying.....	D. McNeill.....	871,812	Nov. 26	3478	852	131	963
Stove, furnace, or drum.....	J. H. Hanson.....	859,217	July 9	1395	371	129	501
Stove. Gas.....	E. G. Van Wie.....	843,644	Feb. 12	1628	345	126	2236
Stove. Gas.....	E. Quack.....	856,366	June 11	1844	378-9	128	2196
Stove. Gas.....	W. H. Calkins.....	865,158	Sept. 3	597	167	130	181
Stove. Gas.....	M. C. McVitty.....	869,979	Nov. 5	150	41	131	50
Stove gas-burner.....	J. Bennett.....	851,436	Apr. 23	5557	1165	127	3109

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Stove. Gas-burning.	V. W. Blanchard	849,323	Apr. 2	1403	282	127	1945
Stove. Gas cooking.	V. W. Blanchard	849,315	Apr. 2	1391	280	127	1942
Stove. Gas cooking.	V. W. Blanchard	849,321	Apr. 2	1401	281	127	1945
Stove. Gas heating.	C. H. Topp	866,237	Sept. 17	2298	642	130	779
Stove-grate.	F. P. Soupeset	854,968	May 28	5224	1088	128	1433
Stove-grate.	R. E. Adams and C. Hoffman	868,631	Oct. 22	2253	624	130	2073
Stove-grate. Rocker.	F. B. Watson	843,051	Feb. 5	414	90	126	1898
Stove-guard. Gas-heating.	V. W. Blanchard	849,319	Apr. 2	1399	281	127	1944
Stove. Heating.	C. F. A. Röell	843,103	Feb. 5	546	113-14	126	1934
Stove. Heating.	L. H. Thurston	844,292	Feb. 12	2861	609	126	2543
Stove. Heating.	J. L. Johnson and T. Reynolds	849,546	Apr. 9	1857	377	127	2097
Stove. Heating.	J. W. Weldon	849,872	Apr. 9	2462	505	127	2251
Stove. Heating.	J. A. Tynan	851,044	Apr. 23	4668	981	127	2890
Stove. Heating.	E. Eloffson	852,054	Apr. 30	6770	1409	127	3449
Stove. Heating.	W. Heuermann	858,285	June 25	5556	1188	128	3203
Stove. Heating.	B. F. Voorhis	860,425	July 16	3236	885	129	1133
Stove. Heating.	B. J. Taylor	864,041	Aug. 20	3016	834	129	3087
Stove. Heating.	F. M. Reed	865,528	Sept. 10	1210	345	130	398
Stove. Heating.	E. W. Babcock	870,662	Nov. 12	1252	340	131	442
Stove-jacket.	G. M. Lord	862,490	Aug. 6	656	176	129	2292
Stove. Lamp heating.	W. W. Portmann	874,117	Dec. 17	3738	786	131	1828
Stove-leg and means for attaching casters thereto.	H. Landis and J. W. Jackson	861,293	July 30	4613	1260	129	1651
Stove-leg fastening.	L. J. Grinberg	855,567	June 4	232	45	128	1755
Stove-lid.	M. Picciano	859,246	July 9	1441	384	129	519
Stove-lid lifter.	B. T. Kinnear	866,937	Sept. 24	3350	947	130	1145
Stove-lids and plates. Closure for lifter-openings for.	H. L. Sheldon	851,967	Apr. 30	6562	1367	127	3397
Stove-lining clamp and support.	S. Weinberg	848,794	Apr. 2	361	71	127	1681
Stove. Magazine.	C. F. A. Röell	843,106	Feb. 5	553	115	126	1936
Stove. Oil.	W. H. Wilder	866,896	Sept. 24	3281	923-4	130	1123
Stove. Oil-burning.	F. M. Reed	840,657	Jan. 8	1743	384	126	490
Stove or cooking-oven. Fireless cook.	P. H. Erbes	847,402	Mar. 19	3369	738	127	900
Stove or furnace.	E. J. Selley	850,260	Apr. 16	3161	661	127	2467
Stove or furnace attachment.	L. D. Mohler	850,171	Apr. 16	2991	627	127	2420
Stove or furnace fire-pot.	R. A. May	840,641	Jan. 8	1719	378	126	485
Stove or oven door support.	R. A. Culter	846,186	Mar. 5	946	201	127	249
Stove or range base.	M. F. Allen	856,754	June 11	2584	530	128	2384
Stove or range. Cooking.	E. J. Moneuse	871,764	Nov. 19	3365	826	131	917
Stove or range. Gas cooking.	V. W. Blanchard	849,316	Apr. 2	1393	280	127	1943
Stove or the like. Gas cooking.	W. D. Sheppard	847,704	Mar. 19	3999	874	127	1066
Stove-ovens. Gas-burning appliance for.	W. H. Kirk	866,143	Sept. 17	2166	603-4	130	736
Stove-polisher. Fountain.	W. J. Nagely	864,676	Aug. 27	4038	1121	129	3433
Stove. Portable.	S. Walker and A. J. Faulding	859,030	July 2	1120	298	129	381
Stove. Portable drying.	S. Zwallina	845,005	Feb. 26	5713	1210	126	3326
Stove. Portable self-cooking camp.	L. G. Fagersten	862,325	Aug. 6	361	99	129	2196
Stove. Regenerative hot-blast.	F. C. Roberts	856,300	June 11	1675	347-8	128	2152
Stove. Self-igniting gas.	O. Struller	874,637	Dec. 24	4780	1004	131	2034
Stove-top member.	H. A. Starr	853,524	May 14	2326	484-5	128	630
Stove-top oven-plate. Cooking.	J. S. Van Buren	866,168	Sept. 17	2208	614	130	752
Stove. Vapor.	A. Akesson	864,116	Aug. 20	3126	865	129	3121
Stoves and the like. Automatic controlling device for gas.	F. Bergendorf	862,047	July 30	5757	1599-1600	129	2002
Stoves. Automatic cut-off for gas.	J. Zillhardt	873,145	Dec. 10	1750	367	131	3475
Stoves, &c. Auxiliary fuel-box for.	T. B. Lockley	869,581	Oct. 29	3751	1026	130	2563
Stoves, boilers, burners, and the like. Attachment for.	W. T. Kelley and C. W. Hofmeister	865,647	Sept. 10	1390	394	130	454
Stoves. Burner attachment for.	H. N. Crossley	868,649	Oct. 22	2275	630	130	2079
Stoves. Chimney-valve for hot-blast.	W. F. Rust	856,603	June 11	2298	472	128	2311
Stoves. Chimney-valve for hot-blast.	W. F. Rust	860,062	July 16	2702	736	129	958
Stoves. Combustion-chamber for gas or oil.	W. N. Best	865,992	Sept. 17	1939	542	130	667
Stoves. Electric igniter for gas.	A. M. Turkington	868,233	Oct. 15	1587	450	130	1840
Stoves. Electrical igniting device for gas.	V. C. de Ybarondo	875,035	Dec. 31	5602	1170	131	2188
Stoves. Hot-water attachment for.	M. P. Freyberg and G. Moore	875,253	Dec. 31	6019	1255	131	2258
Stoves. Means for collecting and carrying off smoke and odors from.	C. B. Whipple	853,530	May 14	2336	487	128	633
Stoves. Tilting frame for cooking.	J. S. Van Buren	853,847	May 14	2990	614	128	798
Stoves. Valve-guard for gas.	T. Haley	856,057	June 4	1165	246	128	1987
Stoves. Water-heater for cooking.	F. Pelton	841,811	Jan. 22	4063	875	126	1158
Stovepipe.	H. D. and F. L. Hart	842,458	Jan. 29	5446	1153	126	1544
Stovepipe.	M. A. Flannery	848,164	Mar. 26	4913	1073	127	1328
Stovepipe.	J. McGhie and B. Blood	862,007	July 30	5707	1584	129	1986
Stovepipe.	I. A. Rohrer	862,415	Aug. 6	513	137	129	2246
Stovepipe.	B. F. Rudderow	864,034	Aug. 20	3002	830	129	3082
Stovepipe attachment.	L. Reaser	868,940	Oct. 22	2735	754	130	2222
Stovepipe attachment.	H. Heffner	869,180	Oct. 22	3085	850	130	2331
Stovepipe-cleaner.	H. O. Sholdebrand	860,579	July 16	3469	953	129	1212
Stovepipe-collar.	L. Doerr	844,782	Feb. 19	4122	878	126	2889
Stovepipe-connector.	J. Haigh	866,785	Sept. 24	3123	879	130	1075
Stovepipe-drum.	J. J. Roberts	848,689	Apr. 2	138	29	127	1623
Stovepipe-elbow.	W. C. Embury	847,049	Mar. 12	2674	588	127	707
Stovepipe-elbow.	J. F. Foster	853,580	May 14	2431	507	128	657
Stovepipe-elbow.	J. A. Doree	854,935	May 28	5164	1076	128	1419
Stovepipe-fastener.	B. C. Brown	854,713	May 28	4711	980	128	1300
Stovepipe-fastener.	G. O. Helvig	875,524	Dec. 31	6546	1365	131	2344
Stovepipe-hanger.	W. A. Wilson	873,198	Dec. 10	1857	389	131	1491
Stovepipe-holder.	A. E. Gowin and B. F. Brown	855,703	June 4	493	102	123	1821
Stovepipe-holder.	W. Wyatt	864,587	Aug. 27	3896	1081	129	3391
Stovepipe-holder.	O. Stewart	866,165	Sept. 17	2203	613	130	750
Stovepipe-joint.	S. T. Mickey	851,298	Apr. 23	5195	1090	127	3022
Stovepipe-joint.	W. S. Bickel	856,839	June 11	2728	566	128	2419
Stovepipe-joint.	H. S. Blood	873,658	Dec. 10	2747	582	131	1645
Stovepipe-joint.	H. S. Blood	873,659	Dec. 10	2749	583	131	1645
Stovepipe-lock.	T. Mosley	855,327	May 28	5933	1238	128	1612
Stovepipe-retaining device.	H. C. Armitage	865,850	Sept. 10	1727	481	130	572
Stovepipe-thimble.	J. Stuber	841,736	Jan. 22	3891	844	126	1113
Stovepipe-thimble.	G. N. Marvin	863,414	Aug. 13	2081	561	129	2767
Stovepipe-thimble.	C. T. McCarroll	864,980	Sept. 3	348	93	130	109

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Stovepipe-thimble and flue-stopper.....	D. Harding.....	857,522	June 18	4034	859	128	2786
Stovepipes. Wall-fastening for.....	C. B. Post.....	847,690	Mar. 19	3977	869	127	1064
Straight-edge.....	O. Messinger.....	842,411	Jan. 29	5317	1127	126	1508
Straight-edge.....	J. G. Breckenridge.....	845,291	Feb. 26	5125	1086	126	3182
Straight-edge. Sectional.....	H. W. Abbott.....	862,531	Aug. 6	734	196	129	2311
Straightening and bending machine.....	K. C. Gardner and F. C. Biggert, Jr.....	846,463	Mar. 12	1503	334	127	410
Straightening-press.....	J. C. Cromwell.....	846,828	Mar. 12	2238	491	127	599
Strain-equalizer.....	J. W. Wash.....	850,080	Apr. 9	2809	589	127	2335
Strainer.....	T. P. Pick.....	845,257	Feb. 26	5036	1071	126	3160
Strainer.....	C. R. Ashmead.....	853,052	May 7	1392	290	128	354
Strainer.....	F. B. Leopold.....	859,455	July 9	1755	470	129	622
Strainer.....	J. D. Tyler.....	863,813	Aug. 20	2685	740	129	2986
Strainer.....	W. Jones.....	864,787	Sept. 3	34	11	130	13
Strainer.....	A. F. Etter.....	869,165	Oct. 22	3064	846	130	2324
Strainer.....	M. Hancock.....	869,433	Oct. 29	3504	962	130	2487
Strainer and clips therefor.....	H. G. Porter.....	859,105	July 2	1215	327	129	410
Strainer and sifter.....	M. P. Hoffman.....	850,931	Apr. 23	4470	935	127	2841
Strainer. Automatic liquid.....	H. Wurdack.....	842,602	Jan. 29	5734	1211-12	126	1611
Strainer for down-spouts and the like.....	T. Dugdale.....	866,633	Sept. 24	2881	814	130	995
Strainer for teapots.....	F. N. Martindale.....	866,796	Sept. 24	3138	884	130	1080
Strainer. Julep.....	T. B. Lashar.....	850,379	Apr. 16	3392	709	127	2528
Strainer. Milk.....	N. Entringer.....	851,983	Apr. 30	6591	1374	127	3403
Strainer. Sink.....	E. MacDonald.....	862,570	Aug. 6	800	213	129	2332
Strap:							
<i>See</i> Breast-strap.....	Hand-strap.....						
Buckle-strap.....	Shoulder-strap.....						
Casket-shipping strap.....							
Strap, band, and the like.....	M. M. Lahue.....	862,403	Aug. 6	499	133	129	2242
Strap-fastener.....	Y. D. Hance.....	854,577	May 21	4427	920	128	1200
Strap-fastener.....	G. A. Mains.....	869,866	Oct. 29	4180	1154	130	2690
Strap-fastener.....	M. Herzog.....	870,032	Nov. 5	252	69	131	87
Strap-lock.....	R. Verch.....	872,865	Dec. 3	1158	246	131	1348
Strap-loop.....	W. R. Medearis.....	849,846	Apr. 9	2415	492	127	2239
Strap-protector.....	J. F. Payne and R. L. Coleman.....	869,015	Oct. 22	2846	784	130	2256
Strap-splicer.....	F. M. Hall.....	855,305	May 28	5897	1229	128	1604
Straps. Reinforcer for flexible.....	S. T. Roberts.....	858,627	July 2	478	123	129	166
Straw-binder.....	H. A. Hancock.....	864,783	Sept. 3	27	8-9	130	11
Straw-carrier.....	G. A. Carlson.....	845,333	Feb. 26	5202	1104	126	3200
Straw-cutter.....	D. A., J. F., and R. C. Stewart.....	845,066	Mar. 26	4757	1038	127	1288
Straw-holder.....	H. C. Mayes.....	844,381	Feb. 19	3058	654	126	2630
Straw-rack. Adjustable.....	W. A. Garlits and T. Woodard.....	841,857	Jan. 22	4158	896	126	1184
Stream-deflector.....	G. J. Henry, Jr.....	853,787	May 14	2858	587	128	768
Streams. Regulating means for impact.....	G. J. Henry, Jr.....	870,292	Nov. 5	658	176	131	215
Street and station indicator.....	O. E. Kellum.....	848,249	Mar. 26	5067	1108	127	1367
Street and station indicator.....	C. A. Myers.....	870,737	Nov. 12	1368	374-5	131	480
Street-cleaner.....	I. Ludlow.....	865,311	Sept. 3	842	242	130	256
Street-cleaning machine.....	F. Ebner.....	839,823	Jan. 1	40	9-10	126	15
Street-flusher.....	G. H. Thebus.....	870,700	Nov. 12	1311	359	131	462
Street-flushing apparatus.....	C. E. Wiberg.....	854,680	May 21	4614	962	128	1247
Street-indicating mechanism.....	T. W. Small.....	846,513	Mar. 12	1610	357	127	438
Street-indicator.....	J. H. Goodier.....	854,416	May 21	4122	854	128	1126
Street-indicator.....	M. S. Beaver.....	859,725	July 9	2170	586-7	129	755
Street-indicator.....	H. M. Lambert.....	864,247	Aug. 27	3338	924-5	129	3215
Street-indicator for cars.....	D. W. De Sylvia.....	875,569	Dec. 31	6629	1387	131	2357
Street-indicator for electric railways. Automatic.....	E. M. Smith, A. M. Kemp, and J. E. Fitzwater.....	849,276	Apr. 2	1315	267	127	1923
Street or station indicator.....	C. A. Myers.....	845,886	Mar. 5	330	68	127	85
Street or station indicator.....	H. E. Beach and C. E. Gierding.....	851,215	Apr. 23	5010	1053-5	127	2973
Street or station indicator.....	H. E. Beach.....	851,216	Apr. 23	5020	1056-7	127	2975
Street, road, and other ways. Constructing or paving.....	J. D. Henderson.....	869,181	Oct. 22	3086	850-1	130	2331
Street-sweeper.....	A. R. Monette.....	848,040	Mar. 26	4719	1028-9	127	1279
Street-sweeper.....	V. Houle and A. W. Konkle.....	850,005	Apr. 9	2671	560	127	2302
Street-sweeper.....	A. O. Ford.....	866,452	Sept. 17	2616	730-1	130	882
Street-sweeper.....	W. Dupre.....	871,212	Nov. 19	2214	585-6	131	736
Street-sweeper.....	F. M. Pittman.....	872,196	Nov. 26	4317	1030-1	131	1092
Street-sweeper.....	F. E. Penfold.....	875,375	Dec. 31	6265	1307	131	2296
Street-sweeping machine.....	G. Fum.....	857,415	June 18	3822	810	128	2733
Street-sweeping machine.....	C. Bly.....	858,946	July 2	989	257-8	129	339
Street-sweeping machine.....	J. E. Dalor.....	859,487	July 9	1805	485	129	638
Street-sweeping machine.....	C. Malmquist.....	873,569	Dec. 10	2593	546	131	1616
Streets, roads, or railways. Mixing with or dissolving in water and distributing material to be applied to.....	B. P. Richardson.....	862,939	Aug. 13	1361	371	129	2537
Strength-testing machine.....	W. H. Lehman.....	848,181	Mar. 26	4942	1079	127	1335
Stretcher.....	N. D. Baker.....	865,625	Sept. 10	1363	386	130	446
Stretcher, couch, hammock, or chair. Portable.....	H. J. Thomson.....	856,315	June 11	1705	354	128	2160
Stretcher. Folding.....	W. Utzinger.....	848,215	Mar. 26	5002	1093	127	1351
Stretcher-frame.....	E. McCombie.....	840,232	Jan. 1	900	164	126	244
Stretcher-supporting frame.....	H. Brusis.....	874,159	Dec. 17	3807	802-3	131	1843
Striker-plate.....	J. H. Shaw.....	848,859	Apr. 2	527	105	127	1723
Striking-bag apparatus.....	J. F. Emes.....	846,019	Mar. 5	616	128-9	127	158
Striking-comb for slashers.....	H. B. Beckman.....	866,422	Sept. 17	2575	719	130	869
String-cutting machine. Bevel.....	J. P. Donovan.....	865,686	Sept. 10	1449	411	130	473
String-tapering machine.....	J. P. Donovan.....	846,458	Mar. 12	1493	331	127	408
Stringed instrument with spring-hammers. Mechanical.....	P. Lochmann.....	875,193	Dec. 31	5910	1232	131	2240
Stringed instruments. Device for securing charts to.....	U. G. Galbraith.....	852,407	Apr. 30	7432	1559	127	3614
Stringed instruments. Hitch-pin for.....	J. R. Green.....	870,283	Nov. 5	642	172	131	200
Stringed instruments. Playing mechanism for.....	L. A. Kampelman.....	848,658	Apr. 2	74	17	127	1603
Strip-applying machine.....	H. E. Bodine.....	852,761	May 7	775	153-4	128	201
Strip feeding and cutting device.....	P. J. Healy.....	859,220	July 9	1400	372	129	503
Strip-serving device.....	S. Elliott.....	842,948	Feb. 5	211	47	126	1842
Strip-serving device.....	S. Elliott.....	856,136	June 4	1321	276	128	2026
Strip-serving device.....	W. B. Hatch.....	864,094	Aug. 20	3095	855	129	3111

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Strip-serving device.....	S. Elliott.....	868,977	Oct. 22	2782	767	130	2236
Strip-severing machine.....	O. A. Webber.....	841,834	Jan. 22	4114	885-6	126	1173
Stroke-varying mechanism.....	C. H. Baldwin.....	849,185	Apr. 2	1163	234	127	1885
Stropping-machine.....	E. C. Shaver.....	850,974	Apr. 23	4539	951	127	2857
Stropping-machine.....	A. W. Peterson.....	869,981	Nov. 5	152	42	131	50
Structure. Adjustable.....	F. W. Coy.....	860,531	July 16	3388	931	129	1184
Structure and making the same. Artificial.....	W. E. Hassam.....	861,650	July 30	5171	1419	129	1826
Structure and making the same. Artificial.....	W. E. Hassam.....	861,651	July 30	5171	1420	129	1826
Structure. Composite.....	A. De Man.....	864,619	Aug. 27	3951	1096	129	3406
Strut with toggle action. Adjustable.....	G. Keller.....	856,159	June 4	1370	288-9	128	2039
Stubble-cutter.....	W. A. McCollough.....	844,888	Feb. 19	4321	922	126	2939
Stubble-cutter.....	W. A. McCollough.....	844,956	Feb. 19	4430	946	126	2965
Stubble cutter and destroyer. Cane-.....	J. Le Blanc.....	846,323	Mar. 5	1195	264	127	302
Stubble-turner.....	I. G. Harker.....	849,995	Apr. 9	2656	556	127	2298
Stud.....	P. Dosch.....	857,875	June 25	4727	1004	128	2991
Stud.....	J. Lizotte.....	860,814	July 23	3843	1054	129	1365
Stud, button, &c. Collar.....	J. Varet.....	871,009	Nov. 12	1818	496	131	618
Stud. Lacing.....	E. B. Stimpson.....	863,233	Aug. 13	1836	493	129	2688
Stud. Metallic.....	G. A. Turnbull.....	840,596	Jan. 8	1638	360	126	462
Stud. Snap-fastener.....	H. Kerngood.....	857,559	June 18	4105	871	128	2805
Stud. Wire.....	P. Dosch.....	861,577	July 30	5065	1390	129	1793
Stuffing-box.....	M. Berecky.....	840,291	Jan. 1	1005	220	126	270
Stuffing-box.....	F. Gielow, Sr.....	845,033	Feb. 19	4593	977	126	3007
Stuffing-box.....	J. B. Willings.....	851,147	Apr. 23	4872	1025	127	2941
Stuffing-box.....	J. H. O. Bunge.....	853,059	May 7	1403	292	128	356
Stuffing-box.....	J. Halterman.....	857,395	June 18	3790	803	128	2725
Stuffing-box.....	W. C. Norris.....	862,930	Aug. 13	1343	366	129	2531
Stuffing-box.....	H. E. Pierce.....	866,062	Sept. 17	2056	573	130	703
Stuffing-box.....	J. R. Beamer.....	867,938	Oct. 15	1139	314	130	1704
Stuffing-box.....	A. H. Alberger.....	870,152	Nov. 5	433	118-19	131	142
Stuffing-box arrangement for agitator-shafts in vacuum stirring apparatus.....	F. Kempter.....	849,621	Apr. 9	1992	408	127	2130
Stuffing-boxes. Universal gland adjustment for.....	W. Mitchell.....	858,407	July 2	67	19	129	23
Stump-puller.....	J. W. Folger.....	850,362	Apr. 16	3356	701	127	2519
Stump-puller.....	J. L. Jones.....	851,521	Apr. 23	5620	1177-8	127	3125
Stump-puller.....	I. A. Fleming.....	859,379	July 9	1661	442	129	591
Stump-puller.....	C. Olsen.....	862,345	Aug. 6	386	107	129	2204
Stump-puller.....	S. Jacobson and S. E. Svendsen.....	863,399	Aug. 13	2064	557	129	2761
Stump-puller.....	B. L. Groth.....	868,431	Oct. 15	1916	536	130	1938
Stump-puller and capstan.....	J. M. Hensley.....	861,977	July 30	5668	1573	129	1974
Stump-pulling apparatus.....	R. L. Beasley.....	852,411	May 7	3	2	128	3
Submarine recovering operations. Apparatus for.....	A. Becchi and G. B. Tarantini.....	872,888	Dec. 3	1200	255-6	131	1355
Submarine structure.....	M. E. Pester.....	845,813	Mar. 5	156	30	127	43
Submarines. Means of escape from sunken.....	E. A. Edney.....	845,623	Feb. 26	5745	1216	126	3334
Submerged objects. Apparatus for locating.....	S. Lake.....	867,985	Oct. 15	1223	337-8	130	1730
Substation-protector.....	F. B. Cook.....	842,628	Jan. 29	5790	1222	126	1625
Substation-protector.....	F. B. Cook.....	860,016	July 16	2633	715	129	936
Subway-ventilating system.....	W. E. Lamb.....	848,834	Apr. 2	475	93	127	1708
Subway ventilation.....	O. Hammerstein.....	848,900	Apr. 2	614	122	127	1746
Subways. Ventilating.....	T. D. Robinson.....	849,814	Apr. 9	2336	479-80	127	2218
Sucker-rod.....	R. Chadwick.....	851,118	Apr. 23	4797	1009	127	2921
Sucrate of lime. Apparatus for making.....	J. F. Pool.....	861,893	July 30	5542	1529	129	1936
Suction-box. Antifriction.....	F. M. Chapman.....	859,167	July 2	1318	350	129	444
Sugar-juices. Purifying and concentrating.....	J. A. Besson.....	846,543	Mar. 12	1600	127	127	452
Sugar. Obtaining milk-.....	J. A. Just.....	868,443	Oct. 15	1933	130	129	1943
Suit and hat holder. Folding.....	J. W. Faust, Jr.....	852,940	May 7	1169	241	128	297
Suit-case.....	J. A. H. Villmow.....	842,277	Jan. 29	5010	1070	126	1422
Suit-case. Dress-.....	A. Gray.....	866,450	Sept. 17	2625	733	130	884
Suit-case handle.....	A. Rafalsky.....	847,821	Mar. 19	4248	930	127	1126
Suit-hanger.....	A. Holmer.....	854,420	May 21	4133	856	128	1128
Sulfate crystals. Recovering.....	F. H. Daniels, A. F. Backlin, and H. K. Swinscoe.....	857,793	June 25	4582	969-70	128	2957
Sulfate crystals. Recovering.....	H. E. Horton and F. C. Gedge.....	863,279	Aug. 13	1895	511-12	129	2705
Sulfid ores containing zinc. Treatment of.....	R. W. E. MacIvor.....	863,411	Aug. 13	2079	129	129	2766
Sulfid ores. Treating.....	O. Fronek.....	845,868	Mar. 5	276	127	71	
Sulfids and other ores. Apparatus for the treatment of.....	G. E. Kingsley.....	852,510	May 7	265	49	128	73
Sulfids. Reducing metallic.....	E. L. Anderson.....	846,642	Mar. 12	1883	413	127	509
Sulfids. Reducing metallic.....	F. M. Becket.....	855,157	May 28	5632	128	1536	
Sulfids. Reducing metallic.....	E. L. Anderson.....	862,871	Aug. 13	1265	343	129	2507
Sulfocyanid. Manufacture of.....	J. Tcherniac.....	862,678	Aug. 6	961	129	2380	
Sulfur. Apparatus for producing sublimed.....	A. Walter.....	873,812	Dec. 17	3070	653	131	1730
Sulfur-burner.....	C. E. Savage.....	841,576	Jan. 15	3558	768	126	995
Sulfur dioxide. Apparatus for nitrating.....	P. J. Derrig.....	850,820	Apr. 16	4233	889	127	2741
Sulfur dioxide. Making.....	J. G. Jones.....	872,822	Dec. 3	1055	221	131	1334
Sulfur from furnace-gases. Apparatus for obtaining.....	F. R. Carpenter.....	871,912	Nov. 26	3692	901	131	997
Sulfur. Making chlorids of.....	C. E. Acker.....	875,231	Dec. 31	5980	1246	131	2251
Sulkies or other vehicles. Gaiting attachment for.....	W. L. Ogden.....	874,617	Dec. 24	4739	995	131	2027
Sulky.....	H. J. Miller.....	862,836	Aug. 6	1212	327	129	2454
Sump.....	F. H. Rile.....	853,598	May 14	2466	513	128	666
Sun-dial.....	E. G. Hewitt.....	849,475	Apr. 9	1705	345	127	2059
Sun-dial.....	E. G. Hewitt.....	849,683	Apr. 9	2101	432	127	2157
Sunshade or umbrella support.....	D. M. Keech.....	846,315	Mar. 5	1180	259	127	298
Sunken bodies. Apparatus for searching of.....	M. von Schomitz.....	840,018	Jan. 1	442	96	126	119
Sunken structures. Constructing.....	J. W. Schaub.....	862,284	Aug. 6	293	82	129	2174
Superheater.....	H. Langer.....	843,342	Feb. 5	1028	212	126	2050
Superheater.....	F. J. Cole.....	849,052	Apr. 2	875	179	127	1810
Superheater.....	F. J. Cole.....	850,565	Apr. 16	3741	781-2	127	2618
Superheater.....	H. L. Van Zile.....	852,640	May 7	534	101-2	128	140
Superheater.....	S. Munson.....	861,137	July 23	4349	1192	129	1529
Superheater.....	M. Toltz.....	869,600	Oct. 29	3781	1034-5	130	2573
Superheater.....	M. Toltz.....	869,669	Oct. 29	3893	1071	130	2605
Superheater-boiler.....	J. E. Bell.....	857,013	June 18	3059	645	128	2538
Superheater-boiler.....	J. E. Bell.....	857,014	June 18	3060	646	128	2539
Superheater-boiler.....	J. E. Bell.....	857,015	June 18	3063	647	128	2540
Superheater. Steam-.....	C. M. Ferguson.....	849,468	Apr. 9	1689	340-1	127	2055
Superheating-boiler.....	F. Burger and H. M. Williams.....	879,808	Jan. 1	13	4	126	7

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Superheating-boiler	G. Y. Bonus	871,201	Nov. 19	2187	581	131	732
Superphosphate. Making nitrated	J. Schlutius	872,757	Dec. 3	921		131	1313
Supplemental wheel	M. D. Stocking	861,618	July 30	5130	1408	129	1813
Support	W. B. Oliver	858,819	July 2	805	210	129	279
Support	W. B. Oliver	858,820	July 2	806	210-11	129	280
Support. Adjustable	W. B. Oliver	858,821	July 2	810	211	129	280
Support. Adjustable	P. F. Swart	862,943	Aug. 13	1368	372	129	2539
Supporting and conveying apparatus	H. L. Hollis	872,063	Nov. 26	4057	972	131	1048
Supporting-bracket for odometers, &c	H. J. Boon	853,339	May 14	1980	409	128	542
Supporting-plate	S. H. Summerscales	859,992	July 16	2591	705	129	921
Supporting-surfaces. Means for securing fixtures to	J. H. Danver	842,528	Jan. 29	5576	1179	126	1572
Surface-cleaning machine.	R. B. Hutchison	871,937	Nov. 26	3746	912-13	131	1004
Surface-cooler	W. Vassel	871,308	Nov. 19	2432	629-30	131	769
Surface-gage	T. Evans	860,084	July 16	2734	745-6	129	968
Surface-indicator	J. Sigrist	843,043	Feb. 5	404	88	126	1895
Surface material to bodies. Apparatus for use in ap- plying	J. R. and A. Wells	860,172	July 16	2852	778	129	1008
Surfacing and polishing machine.	J. H. Prugh	871,143	Nov. 19	2068	559	131	713
Surfacing-machine	J. F. Stoll	874,549	Dec. 24	4609	968	131	2003
Surfacing-tool	E. Hodgson	851,518	Apr. 23	5616	1177	127	3124
Surgeon's needle-holder	C. Priest	862,619	Aug. 6	873	233	129	2355
Surgeon's operating-pan	C. S. Shriver	868,137	Oct. 15	1445	406	130	1797
Surgeon's operating-table	S. G. Scanlan	866,309	Sept. 17	2411	672-3	130	816
Surgical and other instruments. Hinge for	G. T. Barber	847,542	Mar. 19	3648	803	127	982
Surgical appliance	L. B. Hawley	844,798	Feb. 19	4155	885	126	2898
Surgical appliance	C. C. Frye	847,758	Mar. 19	4103	896	127	1092
Surgical appliance	E. D. Huebner	853,410	May 14	2099	437	128	570
Surgical appliance	R. C. Barrie	867,340	Oct. 1	173	51	130	1364
Surgical appliance	P. Ganzhorn	871,689	Nov. 19	3210	795	131	893
Surgical bandage	H. M. Mace	866,666	Sept. 24	2933	830	130	1008
Surgical eye-magnet appliance	J. B. Wantz	843,979	Feb. 12	2235	478	126	2388
Surgical foot-rest	J. H. O'Reilly	862,190	Aug. 6	130	36	129	2124
Surgical instrument	H. H. De Pew	843,587	Feb. 12	1511	321	126	2203
Surgical instrument	C. W. Shelden	845,587	Feb. 26	5682	1204	126	3319
Surgical instrument	J. E. Kennedy	851,941	Apr. 30	6515	1358	127	3384
Surgical instrument	F. T. Wright	866,995	Sept. 24	3435	973	130	1172
Surgical instrument	W. Gaterman	874,495	Dec. 24	4481	944	131	1986
Surgical-instrument holder	M. P. Hermann	867,727	Oct. 8	758	212	130	1564
Surgical ligature	A. W. Clark	861,231	July 23	4492	1231	129	1576
Surgical ligatures. Container for	H. Rosenberg	843,494	Feb. 5	1307	275	126	2120
Surgical needle	T. C. Edwards	856,686	June 11	2458	506	128	2350
Surgical needle	W. R. Burch	861,159	July 23	4378	1201	129	1538
Surgical or medical bandage	P. F. W. Kappmeier	865,254	Sept. 3	748	213	130	227
Surgical splint	S. C. Slater	874,446	Dec. 24	4387	923-4	131	1970
Surgical-table top	M. I. Young	848,423	Mar. 26	5435	1185	127	1458
Surveying and range-finding apparatus	D. W. McLean	869,933	Nov. 5	83	25	131	28
Surveying bore-holes. Means for	H. F. Clark	840,148	Jan. 1	732	159	126	199
Surveying instrument	P. Ferber	846,989	Mar. 12	2552	561	127	679
Surveying instrument	A. A. Brothen	854,796	May 28	4874	1012	128	1342
Surveying instrument	C. L. Walker	870,809	Nov. 12	1497	409	131	519
Surveying instrument. Bore-hole	P. E. Lewis	845,875	Mar. 5	293	60	127	75
Surveying instrument. Bore-hole	K. W. O. Schweder	856,990	June 11	3011	633	128	2488
Suspender-clasp	W. Pigott	854,907	May 28	5117	1064	128	1407
Suspender-end	H. Weiss	867,860	Oct. 8	967	276	130	1627
Suspender-link	B. J. Ralliett	843,987	Feb. 12	2255	481	126	2391
Suspender or holder. Garment	F. Spaninger	850,405	Apr. 16	3436	720	127	2540
Suspenders	C. A. Murray	840,359	Jan. 1	1164	252	126	308
Suspenders	J. U. Adams	841,654	Jan. 22	3731	810	126	1071
Suspenders	C. Ludolph	842,677	Jan. 29	5913	1245	126	1656
Suspenders	S. H. Loorye	845,801	Mar. 5	134	25	127	37
Suspenders	H. C. Hine	851,885	Apr. 30	6383	1332	127	3352
Suspenders	J. T. McNeely	852,076	Apr. 30	6801	1416	127	3458
Suspenders	S. W. Phelps	854,758	May 28	4801	997	128	1324
Suspenders	C. D. McDonell	859,682	July 9	2113	570	129	738
Suspenders	G. H. Detert	861,640	July 30	5160	1416	129	1822
Suspenders	H. S. Heineman	862,331	Aug. 6	368	101	129	2198
Suspenders	T. G. Mason	863,084	Aug. 13	1500	407	129	2582
Suspenders	G. W. Spotswood	874,257	Dec. 17	4006	846	131	1876
Suspenders and suspender attachment	J. D. Burns	845,393	Feb. 26	5325	1129	126	3230
Suspenders. Cast-off for	R. F. Bartel	860,436	July 16	3257	890	129	1139
Suspenders for wearing-apparel	A. Weintraud	846,367	Mar. 5	1284	283	127	323
Suspenders. Right and left hand distinguishing	C. K. Colvin	855,502	June 4	116	23	128	1723
Suspenders, &c. Spring attachment for	P. E. Wirt	852,367	Apr. 30	7338	1542	127	3592
Suspending and hoisting mechanism	O. Hetlesacter	848,744	Apr. 2	249	51	127	1649
Suspending device	C. R. Mueller, Jr.	874,786	Dec. 24	5071	1068	131	2082
Suspending-hook. Portable	C. McGrady	860,762	July 23	3769	1033	129	1340
Suspension-bracket	E. H. Richardson	868,888	Oct. 22	2649	732	130	2194
Suspension-bracket. Catenary	E. P. Morris	864,252	Aug. 27	3345	927	129	3217
Suspension-bracket for curves. Catenary	E. P. Morris	864,251	Aug. 27	3344	927	129	3217
Suspension. Flexible	W. E. Nickerson	849,418	Apr. 9	1585	321	127	2028
Suspensory	J. R. Jarrett	847,779	Mar. 19	4143	904	127	1102
Suspensory	F. E. De Mars	850,298	Apr. 16	3226	673	127	2484
Suspensory	H. A. Frye	860,652	July 23	3608	988	129	1289
Suspensory	M. Eckmann	871,213	Nov. 19	2216	586	131	736
Swaging-mill	E. Winter	869,284	Oct. 29	3256	896-7	130	2412
Swath-divider attachment. Perpendicular	J. H. Giles	874,325	Dec. 17	4152	874	131	1898
Sway-bar fastener	W. L. Owens	851,102	Apr. 23	4778	1004	127	2916
Sweat-bands. Device for cutting flaps of	H. B. Crampton	874,571	Dec. 24	4652	977	131	2011
Sweep-rake	F. Nelson	857,412	June 18	3817	809	128	2732
Sweep-stocks and the like. Adjustable handle for	T. Hoerhold	845,086	Feb. 26	4714	999	126	3077
Sweeper	J. B. Scovell	848,571	Mar. 26	5709	1249	127	1525
Sweeper. Pneumatic	S. Buder	859,915	July 16	2461	670	129	880
Sweeping and scrubbing machine	E. J. Stewart	853,525	May 14	2328	485	128	631
Sweeping. Composition to be used in	C. M. Vernon and G. von Vernon	873,913	Dec. 17	3270		131	1763
Sweeping compound	B. Singer	862,113	July 30	5894		129	2044
Sweeping compound	B. Singer	867,538	Oct. 1	474		130	1461

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Sweeping compounds. Manufacture of	B. Singer	854,114	May 21	3562	128	979
Sweeping device	R. M. Baker	871,054	Nov. 12	1883	515	131	639
Sweeping-machine	J. Ledwinka	871,512	Nov. 19	2886	723	131	837
Sweeping purposes. Composition of matter to be used for sanitary	L. and H. Niewind	858,413	July 2	80	.....	129	27
Swimming apparatus	J. G. Baum	863,013	Aug. 13	1472	400-1	129	2573
Swimming appliance	W. P. Samms	845,266	Feb. 26	5065	1077	126	3169
Swimming appliance	C. H. Matter	869,190	Oct. 22	3102	854	130	2336
Swimming-machine	G. T. Hunnewell	841,974	Jan. 22	4372	943	126	1232
Swimming-mask	H. Steenerson	859,786	July 9	2261	614	129	786
Swimming-paddle	J. E. Schnopp	868,492	Oct. 15	2001	559	130	1966
Swimming-tank	R. W. Vaughan	845,441	Feb. 26	5406	1147	126	3250
Swine-holding device	A. A. Jester	863,186	Aug. 13	1755	471	129	2663
Swing	S. W. Womack	845,602	Feb. 26	5708	1209	126	3326
Swing	F. J. Forget	846,656	Mar. 12	1903	418	127	515
Swing	A. P. Boyer	848,534	Mar. 26	5629	1232	127	1505
Swing	A. Spice	854,183	May 21	3692	764-5	128	1012
Swing	E. B. App	855,493	June 4	97	20	128	1719
Swing	F. F. McCauley	857,653	June 25	4292	906	128	2882
Swing	J. F. Gerthoffer	859,212	July 9	1386	368-9	129	498
Swing	F. W. Wallace	862,686	Aug. 6	972	259-60	129	2384
Swing	F. Unger	865,829	Sept. 10	1699	872	130	563
Swing. Adjustable	A. C. Lansberry, Jr.	872,736	Dec. 3	882	183	131	1306
Swing. Circle	C. F. Bean	857,432	June 18	3857	819	128	2741
Swing-gate	M. G. Cummings and S. M. Dunlap	858,960	July 2	1016	265	129	348
Swing. Lawn	J. A. Clements	868,642	Oct. 22	2267	627-8	130	2076
Swing. Pleasure	A. E. Potter	862,756	Aug. 6	1088	292	129	2416
Swing. Veranda	E. F. Chubbuck	867,187	Sept. 24	3754	1060	130	1271
Swinging gate	W. F. Till and J. C. Newton	869,753	Oct. 29	4015	1109	130	2641
Swinging screen	C. A. Rockwell	866,520	Sept. 17	2706	756	130	909
Swingietree-hook	J. H. Cornelison	864,886	Sept. 3	194	54	130	60
Swingietrees or doubletrees. Adjusting-wheel for	B. F. Emery	847,561	Mar. 19	3684	812	127	991
Switch	L. E. Darst and W. H. Harrelson	854,150	May 21	3631	750	128	996
See Automatic switch. Light-switch.							
Battery-switch. Lightning-arresting switch.							
Car-switch. Limit-switch.							
Car and railway switch. Lock-switch.							
Circuit-switch. Locking-switch.							
Commutator-switch. Magnetic switch.							
Controlling-switch. Oil-switch.							
Cut-out switch. Pendent switch.							
Derailing-switch. Plug-switch.							
Door-lock electric switch. Plug-seat switch.							
Electric switch. Railway-switch.							
Electric-circuit switch. Railway frog-switch.							
Electric controlling-switch. Reversing-switch.							
Electric knife-switch. Rotary switch.							
Electric-light switch. Safety-switch.							
Electric snap-switch. Slot-switch.							
Electric time-switch. Snap-switch.							
Electrical switch. Split switch.							
Electrical cut-out switch. Step-switch.							
Electrical-impulse-counting switch. Tank-switch.							
Electromagnetic switch. Telephone-switch.							
Electrothermal switch. Telephone hook-switch.							
End-cell switch. Time-switch.							
Engine-reversing switch. Tongue-switch.							
Flush switch. Track-switch.							
Hook-switch. Tramway-switch.							
Knife-switch. Transformer-controlling switch.							
Switch	Trolley-switch.						
Switch	Trolley-track switch.						
Switch	Trolley-wire switch.						
Switch and lock movements. Indication apparatus for	E. L. Nugent	841,337	Jan. 15	3117	674	126	881
Switch and semaphore mechanism	W. R. Thompson	846,764	Mar. 12	2100	461	127	564
Switch and signal apparatus free from snow and ice. Means for keeping	J. C. Ray	846,863	Mar. 12	2304	507	127	617
Switch apparatus. Prepayment time	A. L. Eustice	847,925	Mar. 19	4466	979	127	1179
Switch-box. Electric	O. S. Gage	847,931	Mar. 19	4474	981	127	1182
Switch-clip	J. T. Salvo	850,059	Apr. 9	2768	581	127	2325
Switch-contact for controllers and the like	W. J. McKewen	852,192	Apr. 30	7022	1466	127	3513
Switch-controlling mechanism	G. Gilmore	853,922	May 14	3159	646	128	840
Switch	C. E. Frye	858,276	June 25	5541	1184	128	3199
Switch	A. C. Higginbotham	858,342	June 25	5673	1212	128	3236
Switch	D. M. Bliss	860,124	July 16	2782	759	129	984
Switch	B. L. Murphy	864,669	Aug. 27	4023	1116-17	129	3428
Switch	E. R. Robinson	866,306	Sept. 17	2408	671	130	815
Switch	A. Smith	871,529	Nov. 19	2926	730	131	843
Switch	M. B. McConnell	873,134	Dec. 10	1730	362-3	131	1471
Switch	C. N. Bergmann	875,406	Dec. 31	6326	1319	131	2306
Switch and lock movements. Indication apparatus for	L. H. Thullen	863,238	Aug. 13	1845	496-7	129	2691
Switch and semaphore mechanism	J. J. Gard	856,523	June 11	2134	438	128	2267
Switch and signal apparatus free from snow and ice. Means for keeping	F. G. Shaw	869,987	Nov. 5	170	46	131	57
Switch apparatus. Prepayment time	E. Schattner	849,024	Oct. 2	808	167	127	1793
Switch-box. Electric	H. J. Warthen	867,624	Oct. 8	613	173	130	1521
Switch-clip	W. R. Atkinson	855,550	June 4	209	40	128	1749
Switch-contact for controllers and the like	G. Wright	859,278	July 9	1485	397	129	533
Switch-controlling mechanism	S. D. Black	840,819	Jan. 8	2056	455	126	567
Switch-controlling mechanism	H. Geisenhöner	853,780	May 14	2846	586	128	766

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Disg.	Vol.	Page.
Switch-frogs, guard-rails, or the like. Guard for.....	A. Anderson.....	855,424	May 28	6103	1275	128	1653
Switch-governor. Automatic.....	L. Colson and C. Gebauer.....	870,935	Nov. 12	1707	468	131	584
Switch handle. Electric.....	C. A. Clark.....	859,200	July 9	1370	364	129	492
Switch handle. Rotary-snap.....	J. G. Peterson.....	875,376	Dec. 31	6266	1307	131	4297
Switch-interlocking mechanism.....	F. C. Anderson.....	862,044	July 30	5751	1598	129	2000
Switch-lock.....	F. B. Bradley.....	850,207	Apr. 16	3067	643	127	2440
Switch-lock.....	W. Anderson.....	856,437	June 11	1986	409	128	2232
Switch-lock. Electric.....	F. W. Bradow.....	854,455	May 21	4203	870	128	1147
Switch-locking device and operating mechanism therefor.....	H. H. Nichols.....	864,681	Aug. 27	4043	1123-4	129	3434
Switch mechanism.....	L. L. Mallard.....	847,349	Mar. 19	3257	716-17	127	879
Switch mechanism.....	T. Rundorff.....	851,839	Apr. 30	6297	1314	127	3330
Switch mechanism. Automatic.....	C. M. Bell and A. Dykstra.....	864,879	Sept. 3	183	52	130	58
Switch mechanism. Electric.....	F. C. Newell.....	851,690	Apr. 30	5993	1250-2	127	3249
Switch mechanism. Electric.....	F. C. Newell.....	851,691	Apr. 30	5996	1252-3	127	3249
Switch mechanism. Electrical.....	H. F. Krantz. (Reissue).....	12,589	Jan. 8	2637	576	126	716
Switch-operating apparatus.....	G. J. Beard.....	875,651	Dec. 31	6903	1439	131	2386
Switch-operating apparatus. Electric.....	I. L. Van Buskirk.....	848,940	Apr. 2	670	134-5	127	1759
Switch-operating device.....	E. J. Rice.....	850,604	Apr. 16	3818	797	127	2637
Switch-operating device.....	L. Z. Preston.....	857,201	June 18	3434	724	128	2636
Switch-operating device. Electric.....	F. A. Johnson and D. A. Robbins.....	864,306	Aug. 27	3422	952	129	3240
Switch-operating mechanism.....	T. E. Button.....	843,070	Feb. 5	449	97-8	126	1907
Switch-operating mechanism.....	J. Long and B. F. Boyd.....	852,886	May 7	1064	219	128	272
Switch-operating mechanism.....	G. H. Link.....	859,824	July 9	2308	627-8	129	801
Switch-operating mechanism.....	G. F. Mooney.....	856,380	Sept. 17	2521	703	130	850
Switch-operating mechanism.....	E. E. Frederick.....	873,741	Dec. 17	2938	623	131	1707
Switch-operating mechanism. Automatic.....	C. R. Traxler.....	843,641	Feb. 12	1622	343-4	126	2235
Switch-operating mechanism. Electric.....	J. M. Anderson.....	860,433	July 16	3251	888-90	129	1137
Switch-operating mechanism. Self-locking.....	R. F. Gaunt.....	842,646	Jan. 29	5822	1229	126	1633
Switch-point.....	W. M. Mitchell.....	859,404	July 9	1692	450	129	601
Switch-point guard.....	W. A. Hutson.....	860,871	July 23	3932	1077-8	129	1393
Switch-point lock.....	W. I. Kaiser and W. H. Oakes.....	848,247	Mar. 26	5062	1107	127	1366
Switch-point lock.....	J. Noble.....	849,491	Apr. 9	1755	355	127	2071
Switch-point lock.....	J. B. Latimer.....	874,686	Dec. 24	4875	1025	131	2049
Switch-points and signals. System for operating.....	A. Descubes.....	848,293	Mar. 26	5175	1127-9	127	1394
Switch safety device. Point.....	L. Dunn.....	867,709	Oct. 8	734	205-6	130	1558
Switch-stand.....	M. W. Long.....	840,572	Jan. 8	1596	350	126	451
Switch-stand.....	F. W. Snow.....	846,062	Mar. 5	707	147	127	181
Switch-stand.....	F. W. Snow.....	846,063	Mar. 5	709	147-8	127	182
Switch-stand.....	F. W. Snow and W. C. Kidd.....	854,767	May 28	4818	1001	128	1329
Switch-stand.....	F. M. Foster.....	855,763	June 4	619	127	128	1854
Switch-stand.....	W. Carter.....	856,336	June 11	1757	364-5	128	2172
Switch-stand.....	M. W. Long and J. M. Hoffer.....	857,289	June 18	3593	760-1	128	2676
Switch-stand.....	M. W. Long.....	857,290	June 18	3596	761	128	2677
Switch-stand.....	M. W. Long.....	857,291	June 18	3598	762	128	2678
Switch-stand.....	H. H. Dudley.....	858,445	July 2	124	34	129	41
Switch-stand.....	M. W. Long.....	866,662	Sept. 24	2928	828	130	1006
Switch-stand.....	M. W. Long.....	866,871	Sept. 24	3250	914	130	1113
Switch-stand.....	W. W. Allen and J. Metzger.....	873,649	Dec. 10	2733	579	131	1642
Switch-stand.....	A. D. Cloud.....	873,720	Dec. 17	2888	613-15	131	1699
Switch-stand.....	A. B. Moser.....	874,785	Dec. 24	5069	1067-8	131	2082
Switch-stand. Automatic.....	G. M. Howe.....	856,062	June 4	1172	247-8	128	1989
Switch-stand connection. Resilient.....	A. E. Anderson.....	847,538	Mar. 19	3640	802	127	979
Switch-stand lock.....	H. Paulson.....	868,802	Oct. 22	2528	697	130	2158
Switch-stand safety-lock.....	R. F. Jacob.....	865,904	Sept. 10	1800	502	130	593
Switch-stand. Semaphore.....	M. W. Long.....	866,872	Sept. 24	3251	914-15	130	1114
Switch structure.....	V. Angerer.....	852,212	Apr. 30	7061	1475	127	3523
Switch structure.....	H. C. Stiff.....	853,271	May 14	1819	379	128	493
Switch structure.....	V. Angerer.....	866,998	Sept. 24	3438	974	130	1172
Switch-throwing device.....	W. H. Vaughn and J. E. Tiffany.....	844,762	Feb. 19	4085	870-1	126	2879
Switch-throwing device.....	J. Fisher and J. F. Evarts.....	851,508	Apr. 23	5598	1172	127	3119
Switch-throwing device.....	G. J. Thomas.....	852,401	Apr. 30	7419	1556-7	127	3611
Switch-throwing device. Automatic.....	G. R. Stuart.....	871,455	Nov. 19	2765	697	131	818
Switch-tongue operating and retaining device.....	N. Burns.....	853,223	May 14	1731	359	128	470
Switches and the like. Adjustable box for.....	M. D. Baron.....	862,380	Aug. 6	444	121	129	2226
Switches. Dial-plate for.....	H. R. Sargent.....	833,808	Aug. 20	2677	738	129	2083
Switches of electric vehicles. Means for operating the controlling.....	L. Krieger.....	863,613	Aug. 20	2387	655	129	2889
Switching apparatus. Automatic.....	R. H. Wentworth.....	865,552	Sept. 10	1250	355	130	409
Switching arrangement.....	O. Rennert.....	840,516	Jan. 8	1474	326	126	422
Switching device.....	J. N. Makley, F. F. Manett, and F. M. Dannelly.....	843,473	Feb. 5	1248	262-4	126	2105
Switching device.....	J. A. Birsfield.....	848,283	Mar. 26	5155	1124	127	1389
Switching device.....	E. F. Gehrkens.....	848,893	Apr. 2	603	119-20	127	1743
Switching device.....	A. M. Haubrich.....	857,621	June 25	4238	895	128	2869
Switching device. Centrifugal.....	C. B. Auel.....	862,127	Aug. 6	10	3	129	2083
Switching device. Electric.....	J. A. Posey.....	872,197	Nov. 26	4319	1031	131	1092
Switching mechanism.....	C. A. Anderson.....	846,382	Mar. 5	1316	290	127	332
Switchback apparatus.....	C. J. Hartley and R. H. Bishop.....	865,035	Sept. 3	428	113-15	130	131
Switchboard.....	W. D. Weir.....	840,537	Jan. 8	1515	335	126	433
Switchboard construction.....	T. A. and W. P. Hammond.....	862,072	July 30	5817	1613	129	2022
Switchboard-cord reel.....	E. B. Craft.....	840,200	Jan. 1	829	182	126	221
Switchboard support. Electric.....	C. F. Warner.....	856,666	June 11	2424	499	128	2341
Swivel.....	R. H. Beebe.....	847,152	Mar. 12	2851	629	127	751
Swivel.....	F. W. Seidl.....	872,691	Dec. 3	783	163	131	1291
Swivel. Hydraulic.....	H. G. Johnston and J. B. Norris.....	873,669	Dec. 10	2762	586	131	1648
Swivel. Hydraulic.....	I. G. Johnston. (Reissue).....	12,732	Dec. 17	4247	895	131	1915
Swivel-joints. Making.....	A. D. Oster and L. Main.....	874,618	Dec. 24	4740	996	131	2027
Swivel. Water.....	K. Brooks.....	873,661	Dec. 10	2750	583	131	1645
Swiveled base.....	J. G. Corbett.....	854,984	May 28	5251	1094	128	1440
Synchronism-indicator.....	P. L. Clark.....	848,970	Apr. 2	724	147	127	1772
Synchronizer.....	W. H. Freedman.....	843,266	Feb. 5	882	180	126	2018
Synchronizing means. Space electromechanical.....	A. H. Stewart.....	867,898	Oct. 8	1035	294-6	130	1649
Syringe.....	R. C. Brookes.....	840,472	Jan. 8	1387	307	126	401
Syringe.....	J. H. Dodson.....	844,335	Feb. 19	2968	634	126	2608
Syringe.....	T. J. Kernan.....	845,303	Feb. 26	5153	1093	126	3189

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Syringe.....	B. F. Keller.....	852,065	Apr. 30	6786	1412	127	3454
Syringe.....	M. Bariffi.....	852,154	Apr. 30	6951	1452	127	3494
Syringe.....	W. G. Bridge.....	854,399	May 21	4085	845	128	1116
Syringe.....	J. H. Thayer.....	867,445	Oct. 1	321	93	130	1413
Syringe.....	W. T. Buckner.....	871,474	Nov. 19	2804	705	131	825
Syringe.....	A. E. Bonesteel.....	872,217	Nov. 26	4365	1040	131	1099
Syringe.....	B. F. Crisenberry.....	873,728	Dec. 17	2913	618	131	1702
Syringe. Electrotherapeutic.....	H. R. Cool.....	873,021	Dec. 10	1507	315	131	1434
Syringe. Fountain hypodermic.....	C. W. Kennerly and B. E. Stockwell.....	857,739	June 25	4474	944	128	2930
Syringe. Hypodermic.....	J. de Liste.....	841,701	Jan. 22	3830	833	126	1098
Syringe. Hypodermic.....	G. R. Schimmel.....	844,544	Feb. 19	3401	732	126	2714
Syringe-nozzle.....	N. T. Morris.....	845,249	Feb. 26	5023	1069	126	3157
Syringe-nozzle.....	H. F. Ong.....	856,093	June 4	1223	258	128	2003
Syringe-nozzle. Vaginal.....	S. L. Kistler.....	868,450	Oct. 15	1944	543	130	1947
Syringe. Vaginal.....	D. O. Fosgate.....	852,110	Apr. 30	6872	1436	127	3474
Syringe. Vaginal.....	H. R. Searles and S. S. Jones.....	854,534	May 21	4337	897	128	1177
Syringe. Vaginal.....	J. Wallace.....	859,533	July 9	1872	503	129	660
Syringe. Vaginal.....	W. G. Cronkright.....	867,247	Oct. 1	27	8	130	1325
Syrup-dispensing apparatus.....	C. E. Gates.....	847,760	Mar. 19	4108	837	127	1093
Syrup-dispensing apparatus.....	F. H. Lippincott.....	857,814	June 25	4626	981	128	2967
Syrup-measure for charging beverage-bottles.....	J. H. Fox.....	874,757	Dec. 24	5019	1057	131	2072
System-lock.....	H. P. Townsend.....	857,691	June 25	4373	924	128	2902
T-pipe.....	W. H. Bellmaine.....	867,784	Oct. 8	842	240	130	1592
T. Two-male.....	G. A. Miller.....	873,154	Dec. 10	1764	371	131	1478
Tab for sheets of ledgers, &c.....	E. Davis.....	850,140	Apr. 16	2938	614	127	2407
See	Morgue-table.						
Adjustable table.	Operating-table.						
Amalgamating-table.	Ore-concentrating table.						
Attachable table.	ble.						
Billiard-table.	Osteopathic table.						
Billiard and pool table.	Paste-table.						
Billiard or pool table.	Pedestal-table.						
Cabinet-table.	Pool-table.						
Candy-cooling table.	Pool bowling-table.						
Card-table.	Revolving table.						
Collapsible table.	Roller-table.						
Convertible table.	Rolling-mill feed-table.						
Dining-table.	ble.						
Display-table.	Saw-table.						
Dressing-table.	Scouring-table.						
Drop-table.	Self-leveling table.						
Dump-table.	Sewing-machine table.						
Extension-table.	Steam-table.						
Feed-table.	Surgeon's operating-table.						
Fitting-table.	Turn-table.						
Folding table.	Vegetable and fruit picker table.						
Game-table.	Veterinary operating-table.						
Glass-cutter's table.	Veterinary's operating-table.						
Ironing-table.							
Kitchen-table.							
Mail-assorting table.							
Marine table.							
Milliner's table.							
Table.....	A. P. Switzer.....	842,723	Jan. 29	6020	1268	126	1682
Table.....	N. E. Brown.....	847,899	Mar. 19	4410	967	127	1166
Table.....	H. H. Levy.....	856,788	June 11	2644	544	128	2398
Table.....	H. P. Arnt.....	859,907	July 16	2451	667	129	877
Table.....	A. Auchly.....	868,153	Oct. 15	1461	411	130	1803
Table.....	D. W. Inman.....	875,269	Dec. 31	6047	1262	131	2263
Table and desk Combined.....	E. Higgins.....	874,846	Dec. 24	5167	1089	131	2101
Table and rack for clothing. Combination.....	W. H. Lowe.....	856,595	June 11	2278	469	128	2305
Table article.....	E. E. Motter.....	860,759	July 23	3765	1032	129	1338
Table-cloths. Manufacture of printed.....	M. Seitz.....	862,352	Aug. 6	397	129	129	2208
Table for kitchens. Combination.....	T. Druzbach.....	858,163	June 25	5351	1137	128	3150
Table game attachment.....	C. J. Knudson.....	869,718	Oct. 29	3966	1095	130	2627
Table-leg blanks. Centering device for.....	H. M. Funk.....	870,354	Nov. 5	762	203	131	250
Table-leg connection.....	J. L. and D. Q. Nevin.....	848,918	Apr. 2	638	128	127	1751
Table lock. Extension.....	J. L. Arnold.....	852,011	Apr. 30	6656	1386	127	3419
Table lock. Pedestal.....	E. Tyden.....	860,709	July 23	3691	1011	129	1315
Table-mat.....	C. H. Westlake.....	862,953	Aug. 13	1384	376	129	2544
Table-mat.....	H. M. Hinman.....	875,076	Dec. 31	5681	1185	131	2201
Table or easel.....	T. J. Cantwell.....	874,052	Dec. 17	3554	757	131	1807
Table-pad. Sectional.....	O. Winter.....	871,314	Nov. 19	2449	634	131	772
Table-rack.....	R. Calbeck.....	871,670	Nov. 19	3176	788	131	886
Table rack and exhibitor.....	M. H. Keating.....	867,661	Oct. 8	662	187	130	1535
Table-service ware.....	L. Sliga.....	859,850	July 9	2357	640	129	815
Table-top.....	J. W. Connaty and W. E. Reno.....	871,207	Nov. 19	2203	583	131	734
Table utensil.....	G. Laramy.....	843,953	Feb. 12	2194	469	126	2377
Tables. Fastening device for.....	C. Hepp.....	856,255	June 11	1570	329	128	2124
Tablet and pencil-box. Combined.....	A. B. Corbett.....	847,650	Mar. 19	3887	849	127	1042
Tablet and pencil-holder.....	A. D. and A. B. George.....	868,083	Oct. 15	1368	383	130	1774
Tablet-machine.....	J. V. Brann.....	844,093	Feb. 12	2441	522	126	2435
Tablet. Writing.....	J. B. McPeck.....	855,965	June 4	1004	210	128	1947
Tablet. Writing-paper.....	L. H. Nelson.....	848,680	Apr. 2	120	26	127	1616
Tabulating-machine.....	D. E. Felt and C. P. Wetmore.....	853,543	May 14	2357	491-3	128	638
Tachometer.....	F. M. Carroll.....	839,916	Jan. 1	233	49-50	126	64
Tachometer.....	H. Shoemaker.....	854,437	May 21	4164	863	128	1135
Tachometer.....	W. L. Bryant.....	857,979	June 25	4972	1051	128	3054
Tack and nail puller.....	R. R. Smith.....	858,034	June 25	5085	1077	128	3082
Tack and staple extracting tool. Combined.....	H. J. Behr.....	864,223	Aug. 27	3302	915	129	3204
Tack-cutting machines. Feeding mechanism for.....	G. N. Cooper.....	842,137	Jan. 22	4706	1008	126	1314
Tack-handling implement.....	H. E. Bacon.....	859,796	July 9	2272	618	129	790
Tack saving and assorting device.....	G. H. Elmasian.....	851,079	Apr. 23	4727	995	127	2905
Tacker. Hand.....	A. W. Eaton.....	856,399	June 11	1914	393	128	2214
Tackle-block.....	W. H. Stam.....	875,387	Dec. 31	6288	1311	131	2300

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				Spec.	Drig.	Vol.	Page.
Tag.	C. C. Blake.	856,388	June 11	1890	389	128	2208
Tag and seal. Combined.	J. A. Daugherty.	858,264	June 25	5525	1180	128	3195
Tag-clip.	A. McCallum.	843,960	Feb. 12	2206	472	126	2380
Tag. Entry.	R. H. Cosgrove.	874,835	Dec. 24	5152	1085	131	2097
Tag for jewelers' use.	D. Goldsmith.	840,487	Jan. 8	1419	313	126	408
Tag-holder.	J. J. Guinn.	865,886	Sept. 10	1772	493	130	585
Tag. Jeweler's.	C. T. Wittstein.	857,778	June 25	4547	960	128	2947
Tag. Key-ring.	T. F. Moore.	843,958	Feb. 12	2204	471	126	2379
Tag. Laundry.	W. J. Baker.	841,217	Jan. 15	2874	625	126	818
Tag-machine.	G. W. Swift Jr.	854,388	May 21	4060	839-40	128	1110
Tag. Marking or pin.	L. N. Bishop and L. Mapes.	858,330	June 25	5633	1206	128	3221
Tag. Meat.	F. E. Graham.	847,469	Mar. 19	3507	767	127	943
Tag. Meat.	R. H. Jackson.	872,238	Nov. 26	4410	1048	131	1105
Tag. Shipping.	W. N. Bragg.	856,218	June 11	1492	314	128	2104
Tag-wiring machine.	J. J. Englert.	844,998	Feb. 19	4510	961-5	126	2985
Tag-wiring-machine tag-feeder.	J. J. Englert.	841,079	Jan. 8	2585	566-7	126	702
Tags to clothing. Machine for attaching.	G. H. Wilkins.	844,703	Feb. 19	3952	838	126	2843
Tags to vehicles. Means for attaching license.	H. E. Asbury.	859,722	July 9	2168	586	129	754
Tail-holder.	A. B. Allen.	858,250	June 25	5502	1175	128	3190
Tailings-settler.	A. Schwarz.	871,366	Nov. 19	2552	656	131	788
Tailings-trimmer.	H. J. Clark.	842,384	Jan. 29	5259	1116	126	1492
Tailor's appliance.	M. J. Brosnahan.	850,340	Apr. 16	3315	690	127	2509
Tailor's chalk-sharpener.	A. Idov.	849,399	Apr. 9	1558	316	127	2021
Tailor's dummy.	J. Ramb.	868,480	Oct. 15	1987	554	130	1961
Talking-machine.	C. Thomas.	842,982	Feb. 5	273	60	126	1858
Talking-machine.	C. Thomas.	842,983	Feb. 5	274	60	126	1858
Talking-machine.	E. T. Palmer.	851,311	Apr. 23	5221	1095	127	3027
Talking-machine.	T. Kraemer and H. Sheble.	852,725	May 7	708	137-8	128	186
Talking-machine.	H. Sheble.	855,674	June 4	440	92	128	1808
Talking-machine.	J. H. Elfering.	855,761	June 4	616	127	128	1853
Talking-machine.	E. R. Johnson.	856,704	June 11	2489	511	128	2358
Talking-machine.	D. Kline.	858,077	June 25	5182	1098	128	3107
Talking-machine.	W. Rabe and C. Kamrath.	859,180	July 2	1337	355	129	451
Talking-machine.	H. B. Babson and A. Haug.	863,135	Aug. 13	1677	449	129	2638
Talking-machine.	H. Sheble.	872,586	Dec. 3	569	119	131	1255
Talking-machine.	H. B. Babson and A. Haug.	872,783	Dec. 3	969	201-2	131	1321
Talking-machine.	A. J. O'Neill.	874,985	Dec. 31	5500	1148	131	2171
Talking-machine attachment.	C. M. Miller.	855,116	May 28	5553	1153	128	1515
Talking-machine attachment.	H. Koch.	865,398	Sept. 10	993	284	130	330
Talking-machine attachment.	A. D. Weaver and J. E. Carney.	867,773	Oct. 8	824	235-6	130	1585
Talking-machine diaphragm.	T. A. Edison.	855,562	June 4	225	44	128	1753
Talking-machine horn.	H. Koch.	865,399	Sept. 10	994	285	130	330
Talking-machine horn.	A. G. Soistmann.	873,908	Dec. 17	3261	696	131	1761
Talking-machine horn-support.	O. Kraus.	846,926	Mar. 12	2440	535	127	650
Talking-machine horn-support.	O. Kraus.	849,138	Apr. 2	1074	215	127	1863
Talking-machine mandrel.	H. Koch.	849,404	Apr. 9	1567	318	127	2024
Talking-machine needle.	C. L. Meyers.	866,950	Sept. 24	3367	952	130	1150
Talking-machine needle.	F. D. Hall.	870,723	Nov. 12	1351	369	131	474
Talking-machine record.	T. H. Macdonald.	862,407	Aug. 6	504	135	129	2244
Talking-machine-record cabinet.	J. F. Appelbans.	859,720	July 9	2165	584-5	129	753
Talking-machine records. Apparatus for making flat.	W. H. Hoyt.	847,338	Mar. 19	3227	711	127	871
Talking-machine records. Removing labels from.	C. S. Wickes.	856,613	June 11	2327	478	128	2318
Talking-machine recorder and reproducer. Combined.	F. H. Macdonald.	874,973	Dec. 31	5481	1145	131	2168
Talking-machine sound-box.	F. Sheppy.	843,042	Feb. 5	403	87	126	1894
Talking-machine sound-box.	E. D. Gleason.	846,024	Mar. 5	621	130	127	160
Talking-machine sound-box.	E. H. Mobley.	855,326	May 28	5930	1237	128	1611
Talking-machine sound-box.	L. P. Valiquet.	855,736	June 4	574	118	128	1843
Talking-machine sound-box.	M. A. Possons.	857,483	June 18	3958	841	128	2766
Talking-machine sound-box.	E. R. Johnson.	865,105	Sept. 3	527	146	130	159
Talking-machine sound-box.	J. H. Elfering.	867,259	Oct. 1	43	14	130	1329
Talking-machine sound-conveying tube.	R. A. Boswell.	859,165	July 2	1314	349-50	129	442
Talking-machine sound-recorder.	W. N. Hunter.	875,352	Dec. 31	6223	1297	131	2288
Talking-machine stop mechanism.	J. C. Stuckey.	869,749	Oct. 29	4010	1108	130	2639
Talking-machines. Adjustable reproducer-arm for.	W. C. Runge.	860,332	July 16	3096	846	129	1088
Talking-machines. Apparatus for removing labels from records for.	C. S. Wickes.	856,323	June 11	1722	358	128	2164
Talking-machines. Delivering-horn for.	W. J. Litts.	841,795	Jan. 22	4027	869	126	1149
Talking-machines. Mounting for the stylus-bar of.	L. F. Douglass.	865,088	Sept. 3	509	140	130	154
Talking-machines. Needle-cabinet for.	L. W. Fickett.	863,164	Aug. 13	1716	461	129	2649
Talking-machines. Reproducing-horn for.	W. E. Leighton.	872,828	Dec. 3	1068	224	131	1336
Tally. Pool-table.	O. G. Peterson.	853,029	May 7	1357	282	128	345
Tallying-sheet.	M. H. Watson.	867,325	Oct. 1	144	43	130	1357
Tamping-bar.	E. W. Wheeler.	868,238	Oct. 15	1593	452	130	1842
Tamping device.	J. P. Kane.	872,519	Dec. 3	419	87	131	1233
Tan-vats. Apparatus for mixing liquor in.	G. Place.	858,103	June 25	5238	1110-11	128	3123
Tan-vats. Apparatus for mixing liquor in.	G. Place.	863,216	Aug. 13	1798	483-4	129	2677
Tanning compound.	J. B. Tompkins.	849,440	Apr. 9	1624	.....	127	2039
Tanning compound.	H. M. Murray.	869,723	Oct. 29	3971	.....	130	2628
See							
Closet-tank.	Measuring-tank.						
Compressed-air tank.	Oil-dispensing tank.						
Dipping-tank.	Pressure-tank.						
Electrolytic tank.	Rendering-tank.						
Fish-tank.	Settling-tank.						
Flush-tank.	Swimming-tank.						
Flushing-tank.	Water-tank.						
Gas-tank.	Water-closet tank.						
Glass-tank.	Water-closet flushing-tank.						
Knockdown tank.							
Tank.							
Tank-alarm.	W. H. McNutt.	871,813	Nov. 26	3478	852	131	963
Tank apparatus. Soak.	G. F. Elliott.	864,959	Sept. 3	314	84	130	99
Tank-closure.	G. J. Meyer.	858,740	July 2	653	172-3	129	225
Tank cut-off. Oil.	G. F. De Wein.	863,160	Aug. 13	1710	460	129	2648
Tank-emptying apparatus. Liquid.	A. L. Stump.	848,930	Apr. 2	656	131	127	1756
Tank-float.	S. W. Miller.	867,669	Oct. 8	670	189-90	130	1537
	C. Willms.	849,707	Apr. 9	2141	440	127	2168

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Tank float. Flushing.....	W. Heap.....	868,088	Oct. 15	1376	385	130	1776
Tank-heater.....	C. W. Blake.....	842,168	Jan. 29	4790	1023	126	1368
Tank-heater.....	T. J. Ingold.....	851,887	Apr. 30	6385	1333	127	3353
Tank-heater.....	J. S. Jacobsen.....	861,656	July 30	5180	1422	129	1528
Tank-heater. Water.....	J. Harris.....	845,636	Feb. 26	5788	1223	126	3345
Tank-indicator.....	W. H. McNutt.....	843,166	Feb. 5	663	139	126	1962
Tank-inspector and gage. Tubular.....	W. Gregson.....	848,898	Apr. 2	611	121	127	1745
Tank-lining.....	H. M. Reynolds.....	835,828	May 14	2957	606	125	792
Tank-lug.....	J. Reichert and C. S. Beebe.....	865,944	Sept. 10	1858	521-2	130	611
Tank-sections. Hoist for handling.....	D. O. Paige.....	859,513	July 9	1839	496	129	649
Tank shut-off. Oil.....	J. B. Carr.....	848,723	Apr. 2	206	42	127	1646
Tank-support.....	H. H. Macomber.....	861,473	July 30	4909	1347	129	1741
Tank-supporting means. Water.....	F. C. Smith.....	841,462	Jan. 15	3352	624	126	942
Tank-supporting structure.....	A. K. Mansfield.....	830,942	Jan. 1	286	63	126	79
Tank-switch. Electric.....	J. T. Anderson.....	858,135	June 25	5296	1125	128	3136
Tanks. Electric attachment for.....	H. E. Reeve.....	851,775	Apr. 30	6147	1284	127	3289
Tantalum. Producing technically-pure ductile.....	M. von Pirani.....	866,385	Sept. 17	2527		130	852
Tap.....	H. L. Minter.....	862,985	Aug. 13	1425	388	129	2557
Tap. Beer.....	F. M. Pfuger.....	844,397	Feb. 19	3093	664	126	2637
Tap for liquid-receiving vessels. Filling.....	C. J. Coleman.....	848,598	Oct. 15	2189	610	130	2029
Tap for liquids. Measuring, delivering, and registering.....	C. Robinson.....	842,016	Jan. 22	4465	959	126	1254
Tap-grinding machine.....	O. M. Mowat.....	856,978	June 11	2987	626	128	2482
Tap-holder.....	D. Kihlgren.....	857,632	June 25	4258	899-900	128	2874
Tap-holder. Reversing.....	W. A. Leonard.....	873,441	Dec. 10	2329	489	131	1572
Tap register. Beer.....	N. Horon.....	856,872	June 11	2788	581	128	2432
Tap-socket.....	C. J. Heiser.....	844,799	Feb. 19	4156	885	126	2898
Tapper. Beer.....	R. B. Spikes.....	850,070	Apr. 9	2786	586	127	2329
Tapping apparatus.....	H. Hildenbrand.....	864,740	Aug. 27	4133	1147-8	129	3462
Tapping apparatus. Main.....	W. H. Van Winkle.....	873,689	Dec. 10	2812	599	131	1656
Tapping device. Barrel.....	A. W. Doremus.....	868,077	Oct. 15	1363	382	130	1772
Tapping device. Liquid.....	E. H. Weatherhead.....	850,410	Apr. 16	3443	721-2	127	2542
Tapping-die.....	G. Ermoold.....	867,262	Oct. 1	48	15	130	1330
Tapping-machine.....	I. C. Shaw.....	855,907	June 4	908	188-9	128	1923
Tapping-machine.....	C. Grabe.....	863,383	Aug. 13	2046	554	129	2756
Tapping-machine.....	W. Boyl.....	864,072	Aug. 20	2060	846	129	3099
Tapping-machine taps. Device for placing and retaining.....	C. W. Gibbs.....	851,623	Apr. 23	5829	1218	127	3177
Tapping-machine. Vertical.....	R. Scholz.....	871,069	Nov. 12	1901	520-1	131	645
Tapping-machines. By-pass and waste for.....	H. Mueller.....	856,650	June 11	2390	492	128	2333
Tapping mains. Apparatus for.....	W. H. Van Winkle.....	848,830	Mar. 5	186	36-7	127	49
Tapping mains. Connection for.....	P. Elev.....	850,915	Apr. 23	4438	928	127	2833
Tapping mechanism.....	T. G. Morse.....	867,923	Oct. 8	1076	305	130	1662
Tape-applying machine.....	I. Dreyfuss.....	867,807	Oct. 8	884	251-3	130	1605
Tape-line anchor.....	C. J. Beller.....	856,938	June 11	2904	608	128	2460
Tape or band. Woven.....	A. Weimar.....	850,702	Apr. 16	4032	842	127	2690
Tape-punching register.....	J. L. Du Frane.....	840,051	Jan. 1	516	112	126	138
Tape-reel.....	W. L. E. Keuffel.....	860,304	July 16	3050	836	129	1072
Tapes, shoe-laces, elastics, and other articles. Fastener for.....	H. F. Schelling.....	849,921	Apr. 9	2544	527	127	2272
Tappet.....	A. J. F. Craufurd.....	863,051	Aug. 13	1522	413	129	2588
Tar-extractor. Centrifugal.....	H. Hahn.....	869,901	Nov. 5	45	13	131	16
Tar from gaseous products of dry distillation for the purpose of producing acetate solutions. Eliminating.....	W. W. Gore.....	845,460	Feb. 26	5468	1158	126	3266
Tar from gaseous products of dry distillation for the purpose of producing acetate solutions. Eliminating.....	M. Klar.....	868,347	Oct. 15	1776	501	130	1897
Target.....	G. Easdale.....	840,610	Jan. 8	1672	367	126	472
Target.....	R. H. Fury.....	858,971	July 2	1039	273	129	355
Target.....	H. A. Shauls.....	859,256	July 9	1455	388	129	524
Target.....	J. Finnesey.....	861,824	July 30	5449	1502	129	1907
Target.....	R. H. Aiken.....	863,486	Aug. 13	2186	591-2	129	2796
Target.....	A. C. Meyer.....	855,604	Sept. 10	1322	375	130	430
Target. Amusement.....	W. E. Shaw.....	850,063	Apr. 9	2774	583	127	2326
Target attachment.....	H. B. Hollifield.....	849,125	Apr. 2	1036	209	127	1853
Target. Disappearing.....	E. Habersbrunner and J. Stöcker.....	867,034	Sept. 24	3502	994	130	1192
Target. Flying.....	J. C. Jensen.....	864,305	Aug. 27	3422	951	129	3240
Target. Registering.....	J. N. Michel.....	848,477	Mar. 26	5527	1204	127	1481
Target-shooting. Back-stop and receiver for.....	W. T. Alsop.....	841,611	Jan. 15	3643	791	126	1016
Target-throwing trap.....	E. W. and A. J. Reynolds.....	858,026	June 25	5070	1073-4	128	3078
Target-trap.....	J. W. Haughawout.....	840,323	Jan. 1	1071	234	126	286
Target-trap.....	A. M. McCrea.....	841,423	Jan. 15	3283	708	126	924
Target-trap.....	H. E. and L. A. Sherman.....	852,910	May 7	1115	230	128	284
Target-trap.....	J. B. Richardson.....	871,443	Nov. 19	2738	691-2	131	815
Target-trap carrier.....	J. P. Leggett.....	852,123	Apr. 30	6898	1441	127	3481
Target-trap-controlling means.....	D. B. Anderson.....	847,539	Mar. 19	3642	803	127	980
Tattooing-dies. Manufacturing.....	H. A. Jones.....	860,140	July 16	2809	767	129	995
Tea and coffee pot.....	R. J. Anderson.....	874,479	Dec. 24	4442	937	131	1981
Tea-kettle.....	A. W. Cram.....	844,780	Feb. 19	4119	877	126	2888
Tea-kettle.....	W. C. Belcher.....	873,653	Dec. 10	2739	580	131	1643
Tea mixture.....	H. S. W. Palmer.....	874,425	Dec. 24	4359		131	1965
Teapots &c. Dripless spout for.....	W. Cox.....	843,443	Feb. 5	1190	250	126	2089
Teaching and learning arithmetic. Apparatus for.....	J. Juhász.....	856,068	June 4	1182	250	128	1992
Teaching arithmetic. Apparatus for.....	A. Leitch.....	846,484	Mar. 12	1542	341-2	127	422
Teaching device. Penmanship.....	L. G. McConachie.....	862,004	July 30	5704	1582-3	129	1985
Teaching of fractions. Device for facilitating the.....	W. Koops and H. Reimers.....	841,158	Jan. 15	2767	604	126	793
Teaching or demonstrating apparatus.....	H. T. Fox-Fsmond.....	864,090	Aug. 20	3086	852	129	3108
Teaching touch type-writing. Device for.....	H. O. Keesling and O. E. Beach.....	844,025	Feb. 12	2319	496	126	2406
Tedding-machine.....	H. Bögelmann.....	859,042	July 2	1138	304	129	387
Teeth. Display-carrier for artificial.....	J. F. Gibson.....	854,486	May 21	4255	880	128	1158
Teeth. Fastening pins in artificial.....	J. Ramsperger.....	859,335	July 9	1590	422	129	569
Teeth. Filling.....	H. F. Strong.....	842,357	Jan. 29	5188	1102	126	1470
Teeth. Instrument for introducing liquid medication into.....	C. G. Myers.....	870,573	Nov. 12	1099	301	131	388
Teeth. Making artificial.....	J. Morris.....	868,109	Oct. 15	1408	396	130	1786
Teeth. Plate for artificial.....	J. Humphrey.....	872,626	Dec. 3	647	135	131	1269
Teeth. Reinforce and backing for artificial.....	I. Stern.....	848,863	Apr. 2	546	108	127	1729

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr. g.	Vol.	Page.
Teeth. Securing dowel-pins in artificial	J. Ramsperger	858,827	July 2	818	212	129	283
Telautograph	A. Korn	851,174	Apr. 23	4921	1035-6	127	2953
Telautophote	S. Rothschild	874,868	Dec. 24	5216	1099-1100	131	2107
Telegraph and telephone cable core	W. Dieselhorst and A. W. Martin	863,969	Aug. 20	2915	803	129	3056
Telegraph and telephone switchboard	W. H. Gabel	861,718	July 30	5273	1450	129	1853
Telegraph and trolley pole	T. P. Stanley	841,064	Jan. 8	2552	557-8	126	693
Telegraph apparatus	V. C. Balding	856,837	June 11	2725	565	128	2417
Telegraph code	C. W. McDonald	841,885	Jan. 22	4219	908-9	126	1196
Telegraph. Duplex	J. W. Larish	840,002	Jan. 1	397	87	126	107
Telegraph. Emergency-	M. C. Tunison	850,858	Apr. 16	4323	907	127	2764
Telegraph instruments. Sound-magnifier for	F. O. Hanson	865,888	Sept. 10	1773	493	130	585
Telegraph-key	J. J. Ghegan	844,278	Feb. 12	2832	604	126	2535
Telegraph-key	B. F. Bellows	855,085	May 28	5490	1138-9	128	1501
Telegraph-key	H. Smith	863,810	Aug. 20	2681	739	129	2984
Telegraph-key	J. P. Kinney	874,602	Dec. 24	4707	989	131	2022
Telegraph-line. Duplexing	I. Kitsee	850,305	Apr. 16	3240	675	127	2488
Telegraph-line. Duplexing	I. Kitsee. (Reissue)	12,664	June 25	5738	1223	128	3254
Telegraph or electric-wire pole	S. H. Summerscales	859,993	July 16	2593	705	129	922
Telegraph or telephone poles. Metallic cross-arm for	W. S. Clay	868,843	Oct. 22	2586	713	130	2175
Telegraph-pole	F. H. Tidnam	870,858	Nov. 12	1568	431	131	540
Telegraph-pole, fence-post, and the like	I. Miller	869,252	Oct. 29	3207	883	130	2396
Telegraph-pole. Metal truss	L. Blessing	846,001	Mar. 5	576	121	127	147
Telegraph. Printing-	J. D. White	843,508	Feb. 5	1337	282	126	2128
Telegraph. Printing-	C. J. Menasco	849,484	Apr. 9	1732	351-3	127	2065
Telegraph. Printing-	C. L. Krum	862,402	Aug. 6	490	131-3	129	2240
Telegraph. Printing-	J. E. Wright	865,470	Sept. 10	1103	314-16	130	364
Telegraph. Printing-	B. W. Cochran	869,420	Oct. 29	3481	956	130	2480
Telegraph. Printing-	F. C. Barclay	875,643	Dec. 31	6884	1437	131	2383
Telegraph. Printing-	J. J. Haig	875,660	Dec. 31	6935	1446	131	2389
Telegraph receiver. Printing-	J. Burry	875,410	Dec. 31	6331	1320-1	131	2307
Telegraph receiving system. Wireless-	L. De Forest	852,381	Apr. 30	7376	1549	127	3599
Telegraph-registers. Automatic signal attachment for	J. C. Carmody and W. K. Pulsifer	845,522	Feb. 26	5568	1180	126	3291
Telegraph-relay	W. E. Athearn	840,987	Jan. 8	2392	524	126	651
Telegraph-repeater	W. Rogers	858,216	June 25	5443	1162	128	3174
Telegraph-sounder	D. A. Whitney	845,153	Feb. 26	4831	1025	126	3109
Telegraph system. Quadruplex-	J. J. Ghegan	872,228	Nov. 26	4396	1045	131	1102
Telegraph system. Wireless-	H. H. C. Dunwoody	854,813	May 28	4903	1019	128	1349
Telegraph, telephone, or other wires and ropes. Cross-arm for carrying	H. M. Sciple	855,138	May 28	5591	1163	128	1524
Telegraph-transmitter	H. G. Martin	842,154	Jan. 22	4745	1014	126	1323
Telegraph-transmitter	C. W. Leiser	853,556	May 14	2386	496	128	645
Telegraph-transmitter	J. Burry	854,401	May 21	4088	845-6	128	1117
Telegraph-transmitter	J. A. Carter, Jr.	864,950	Sept. 3	292	78	130	94
Telegraph-transmitter	J. C. Barclay	867,900	Oct. 8	1042	296-7	130	1651
Telegraph-transmitter. Keyboard	G. M. Goddard	850,364	Apr. 16	3358	701-2	127	2520
Telegraph-transmitter. Keyboard	R. Wolters	856,504	June 11	2098	431	128	2259
Telegraph. Type-printing	E. J. Steljes	842,918	Feb. 5	151	34-5	126	1829
Telegraphic and telephonic impulses. Simultaneous transmission of	I. Kitsee	861,125	July 23	4337	1189	129	1525
Telegraphic apparatus	T. W. McKenzie	840,508	Jan. 8	1458	321	126	418
Telegraphic code	A. M. Fisher	841,952	Jan. 22	4331	933-5	126	1222
Telegraphic instrument	J. P. Zelenka	868,621	Oct. 15	2229	619	130	2040
Telegraphic instrument and the like	A. Gentili	846,464	Mar. 12	1504	335	127	411
Telegraphic or other signaling circuits. Nullifying disturbances in	E. Blakeney and R. E. Chetwood, Jr.	874,826	Dec. 24	5135	1081	131	2095
Telegraphic receiving device	I. Kitsee	846,416	Mar. 5	1399	308	127	355
Telegraphic safety device	S. R. Wright	852,484	May 7	197	36	128	58
Telegraphic transmitter for the Morse system	T. C. Van de Stadt	862,423	Aug. 6	522	140	129	2249
Telegraphophone	G. Morin	850,036	Apr. 9	2717	571	127	2313
Telegraphophone	V. Poulsen and P. O. Pedersen	873,083	Dec. 10	1640	341	131	1455
Telegraphophone	V. Poulsen	873,084	Dec. 10	1641	342	131	1456
Telegraphophone purposes. Electromagnet for	P. O. Pedersen and V. Poulsen	873,078	Dec. 10	1632	340	131	1454
Telegraphophone system	G. Morin	871,726	Nov. 19	3266	808-10	131	904
Telegraphy	I. Kitsee	846,415	Mar. 5	1396	308	127	355
Telegraphy	I. Kitsee	847,188	Mar. 12	2927	644	127	768
Telegraphy	J. C. Barclay	848,221	Mar. 26	5013	1096	127	1354
Telegraphy	I. Kitsee	848,752	Apr. 2	260	53	127	1653
Telegraphy	W. P. Phillips	848,849	Apr. 2	505	98-9	127	1717
Telegraphy	I. Kitsee	850,231	Apr. 16	3112	651	127	2453
Telegraphy	I. Kitsee	859,948	July 16	2514	682-3	129	896
Telegraphy	I. Kitsee	859,949	July 16	2515	683	129	896
Telegraphy	I. Kitsee	863,853	Aug. 20	2743	754	129	3004
Telegraphy	P. B. Delany	874,745	Dec. 24	4996	1052	131	2068
Telegraphy and other purposes. Mast for wireless	L. Leidl	845,242	Feb. 26	5014	1066	126	3155
Telegraphy. Automatic	A. C. Crehore and G. O. Squier	851,071	Apr. 23	4712	992	127	2901
Telegraphy. Constructing antennæ of wireless	J. Murgas	860,051	July 16	2684	730-1	129	953
Telegraphy. Electric	I. Kitsee	847,189	Mar. 12	2931	644	127	769
Telegraphy. Electric	I. Kitsee	872,824	Dec. 3	1063	222	131	1335
Telegraphy. Multiplex	J. Burry	852,495	May 7	228	41	128	66
Telegraphy. Printing-	I. Kitsee	865,108	Sept. 3	533	148	130	161
Telegraphy. Receiving apparatus for wireless	L. Arnson	857,375	June 18	3753	794-5	128	2716
Telegraphy. Ship's	R. D. White	860,001	July 16	2608	709-10	129	926
Telegraphy. Space	S. Cabot	840,908	Jan. 8	2241	493-4	126	613
Telegraphy. Space	S. Cabot	840,909	Jan. 8	2250	495	126	616
Telegraphy. Space	S. Cabot	842,134	Jan. 22	4701	1007	126	1313
Telegraphy. Space	L. de Forest	850,917	Apr. 23	4442	929	127	2834
Telegraphy. Space	S. Cabot	858,569	July 2	346	87-8	129	124
Telegraphy. Space	J. S. Stone	864,272	Aug. 27	3377	939	129	3227
Telegraphy. Transmitter for wireless	G. von Arco	851,336	Apr. 23	5266	1103	127	3039
Telegraphy. Transmitting device for electric	I. Kitsee	873,757	Dec. 17	2964	629	131	1711
Telegraphy. Wireless	L. De Forest	841,386	Jan. 15	3215	693-4	126	906
Telegraphy. Wireless	W. W. Massie	853,929	May 14	3176	651	128	845
Telegraphy. Wireless	W. S. Hogg	869,634	Oct. 29	3833	1049	130	2587
Telemotor apparatus	A. B. Brown	859,737	July 9	2184	591	129	760
Telephone	F. Edwards	841,491	Jan. 15	3423	737	126	962

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'E.	Vol.	Page.
Telephone	S. A. Koltonski	846,479	Mar. 12	1529	339	127	417
Telephone	W. J. Murdock	853,186	May 7	1620	338	128	409
Telephone	O. F. Falk	855,394	May 28	6046	1263	128	1640
Telephone and switching mechanism. Desk-	A. K. Andriano	853,855	May 14	3003	617	128	801
Telephone and telegraph instrument. Combined	F. W. Medhurst	858,739	July 2	652	172	129	225
portable							
Telephone and telegraph lines. Antihummer for.	N. O. Hagen	866,645	Sept. 24	2905	818	130	1000
Telephone and telegraph lines. Device for locating	G. G. Buttler	861,357	July 30	4719	1289	129	1686
defects in							
Telephone apparatus	K. Kohn	850,433	Apr. 16	3486	730	127	2553
Telephone apparatus	K. Kohn	850,434	Apr. 16	3491	730-1	127	2554
Telephone apparatus	W. Kaisling	856,260	June 11	1576	331	128	2126
Telephone apparatus	C. S. Winston	861,340	July 30	4687	1281	129	1675
Telephone apparatus. Line-selector of intercommu-	F. Walloch	851,266	Apr. 23	5127	1078-9	127	3002
nication							
Telephone appliance. Hygienic	H. C. Molyneux and M. Braun-	859,827	July 9	2313	629	129	802
stein.							
Telephone attachment	W. R. Whitehorne	844,839	Feb. 19	4231	903	126	2916
Telephone attachment	A. Rector	847,691	Mar. 19	3978	869	127	1064
Telephone attachment	M. H. Black	850,558	Apr. 16	3730	779	127	2615
Telephone attachment	D. G. Hobby	850,886	Apr. 16	4372	916	127	2778
Telephone attachment	E. B. Thomas	854,971	May 28	5229	1089	128	1435
Telephone attachment	W. H. Stinson	858,637	July 2	494	127	129	172
Telephone attachment	A. H. Berg	859,909	July 16	2453	668	129	877
Telephone attachment	E. S. Maddock	860,044	July 16	2676	728	129	950
Telephone attachment	H. Gross	861,459	July 30	4892	1341	129	1736
Telephone attachment	T. Endean	862,242	Aug. 6	217	60	129	2150
Telephone attachment	A. S. Perry	864,332	Aug. 27	3462	964	129	3252
Telephone attachment	J. A. Gordon	868,544	Oct. 15	2090	584	130	1994
Telephone attachment	D. A. Case and W. H. Smith	875,151	Oct. 31	5823	1216	131	2225
Telephone attachment. Party-line.	J. H. Blythe	868,594	Oct. 15	2182	609	130	2027
Telephone booth	B. F. Merritt	848,116	Mar. 26	4842	1057	127	1309
Telephone box-hanger	J. G. Malaby and C. E. Oxford	872,832	Dec. 3	1086	227	131	1337
Telephone cable-terminal	E. C. Flory	860,861	July 23	3913	1072	129	1387
Telephone call-bell or ringer	W. Kaisling	863,720	Aug. 20	2530	699	129	2935
Telephone call-meter	C. T. Bradshaw	847,461	Mar. 19	3494	764-5	127	940
Telephone calling apparatus. Electric	C. Adams-Randall	841,476	Jan. 15	3380	730	126	949
Telephone calling or signaling device	K. Weman	853,389	May 14	2069	429	128	563
Telephone. Compound	C. G. F. Holmgren and A. E.	841,399	Jan. 15	3240	699	126	912
Brahm.							
Telephone desk-stand and call-bell. Combined	C. A. L'Hommedieu	849,250	Apr. 2	1270	258	127	1913
Telephone-detector	A. R. Piehn	848,568	Mar. 26	5702	1248	127	1524
Telephone dictating machine or apparatus	K. M. Turner and W. F. H. Ger-	843,186	Feb. 5	713	149	126	1973
mer.							
Telephone dictating system or apparatus	J. W. Kelly, Jr.	875,081	Dec. 31	5689	1187	131	2202
Telephone-exchange	C. A. Anderson	846,381	Mar. 5	1313	289-90	127	332
Telephone-exchange	N. E. Norstrom	852,575	May 7	407	74-5	128	107
Telephone-exchange	N. E. Norstrom	852,575	May 7	618	118-19	128	161
Telephone-exchange	C. A. Anderson	858,363	July 2	2	1-2	129	3
Telephone-exchange	F. A. Lundquist	868,933	Oct. 22	2720	749	130	2217
Telephone-exchange	S. A. Norstrom	871,042	Nov. 12	1864	510	131	632
Telephone-exchange	S. A. Norstrom	871,043	Nov. 12	1865	510-11	131	633
Telephone-exchange	N. E. Norstrom	871,520	Nov. 19	2903	726	131	840
Telephone-exchange apparatus	E. H. Smythe	846,628	Mar. 12	1853	408	127	502
Telephone-exchange apparatus	C. D. Enochs	854,203	May 21	3737	773	128	1025
Telephone-exchange apparatus	C. D. Enochs	854,204	May 21	3739	773	128	1026
Telephone-exchange. Automatic	J. G. Roberts	852,523	May 7	285	53	128	77
Telephone-exchange. Automatic	N. E. Norstrom	857,959	June 25	4915	1038-41	128	3038
Telephone-exchange calling device.	F. A. Lundquist	870,634	Nov. 12	1210	327-8	131	429
Telephone-exchange. Party-line.	S. A. Norstrom	871,519	Nov. 19	2900	726	131	839
Telephone-exchange selecting device.	F. A. Lundquist	871,092	Nov. 12	1945	533	131	658
Telephone-exchange system	H. G. Webster	840,726	Jan. 8	1885	415	126	526
Telephone-exchange system	F. J. and J. Mersman	841,033	Jan. 8	2489	542-3	126	678
Telephone-exchange system	B. O. Fox	842,778	Jan. 29	6125	1292	126	1706
Telephone-exchange system	E. E. Clement	850,344	Apr. 16	3325	693	127	2511
Telephone-exchange system	J. A. Aven	851,792	Apr. 30	6189	1292	127	3301
Telephone-exchange system	A. R. Kahl	853,304	May 14	1912	397	128	522
Telephone-exchange system	W. W. Dean	854,279	May 21	3876	799-800	128	1063
Telephone-exchange system	H. G. Webster	855,545	June 4	195	39	128	1745
Telephone-exchange system	H. G. Webster	855,546	June 4	202	39	128	1744
Telephone-exchange system	E. E. Clement	860,902	July 23	3986	1092	129	1411
Telephone-exchange system	M. S. Conner	862,713	Aug. 6	1011	271	129	2395
Telephone-exchange system	E. E. Clement	867,014	Sept. 24	3468	982	130	1183
Telephone-exchanges. Calling device for	F. A. Lundquist	846,327	Mar. 5	1202	265-6	127	303
Telephone-exchanges. Coin-collecting apparatus for.	C. D. Enochs	860,647	July 23	3600	986	129	1287
Telephone-exchanges. Registering device for	F. A. Lundquist	846,328	Mar. 5	1206	267	127	305
Telephone-exchanges. Registering system for	A. R. Pollock	853,373	May 14	2040	422	128	555
Telephone-exchanges. Ringing device for	W. W. Dean	872,293	Nov. 26	4508	1070	131	1122
Telephone-exchanges. Selector for automatic.	C. E. Scribner and C. D. Enochs	865,536	Sept. 10	1225	349-50	130	401
Telephone-exchanges. Signaling system for	F. R. McBerty	849,336	Apr. 2	1431	290	127	1952
Telephone-exchanges. System for party-lines in	J. M. Storkerson	858,767	July 2	697	185	129	242
Telephone extension-arm appliance	B. W. Sweet	858,836	July 2	831	216	129	287
Telephone-holder	T. J. Skelly	852,081	Apr. 30	6806	1418	127	3459
Telephone hook-switch	G. D. Foster	839,830	Jan. 1	49	11-12	126	14
Telephone hook-switch	C. C. Cadden	843,998	Feb. 12	2271	485	126	2396
Telephone-index	S. A. Kitchener	856,161	June 4	1373	289	128	2008
Telephone installations. Automatic switch for	P. Hildebrand	854,164	May 21	3656	756	128	1002
Telephone instruments. Apparatus for fumigating.	L. I. Shrader	872,204	Nov. 26	4333	1035	131	1094
Telephone. Intercommunicating	C. E. Lee	866,794	Sept. 24	3134	883	130	1078
Telephone. Intercommunicating	W. W. Henry	870,168	Nov. 5	451	124-5	131	148
Telephone-lineman's grab-seat	C. Randall	857,203	June 18	3438	725	128	2637
Telephone-lines. Coin-collector for	F. R. McBerty	844,034	Feb. 12	2335	500	126	2410
Telephone-lines. Combined annunciator and ringer	H. Tideman	854,780	May 28	4844	1006	128	1335
for							
Telephone-lines. Harmonic signaling for polystation.	W. W. Dean	844,257	Feb. 12	2782	594	126	2524
Telephone-lines. Lock-out switch for party.	O. F. Forsberg	873,362	Dec. 10	2190	457	131	1546

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Telephone-lines. Measured-service system for.....	J. L. McQuarrie.....	869,449	Oct. 29	3529	969	130	2,91
Telephone-lines. Measured-service system for.....	J. L. McQuarrie.....	869,450	Oct. 29	3533	969	130	2496
Telephone-lines. Night-service attachment for.....	C. E. Ackerman.....	858,775	July 2	709	187	129	246
Telephone-lines. Supervisory system for.....	W. W. Dean.....	864,887	Sept. 3	195	55	130	61
Telephone-lines. Testing system for.....	W. W. Dean.....	864,454	Aug. 27	3651	1015	129	3315
Telephone-lines. Testing system for.....	W. W. Dean.....	867,349	Oct. 1	186	54	130	1368
Telephone lock-out device.....	R. C. M. Hastings and T. Matheny.....	856,146	June 4	1339	280-1	128	2031
Telephone lock-out device.....	D. W. Kneisly.....	860,920	July 23	4009	1099	129	1418
Telephone-locking device.....	F. S. K. Smith and D. C. Reinohl.....	852,806	May 7	886	180	128	226
Telephone-magnet.....	A. E. Harrison and C. M. Haslett.....	845,546	Feb. 26	5616	1189	126	3303
Telephone mechanism. Party-line.....	C. H. Wood.....	840,544	Jan. 8	1531	338	126	437
Telephone-meter.....	N. H. Holland.....	851,090	Apr. 23	4751	1000	127	2910
Telephone-mouthpiece.....	R. Knoll.....	866,036	Sept. 17	2009	560	130	688
Telephone-mouthpiece.....	A. Bebout.....	871,468	Nov. 19	2790	702	131	823
Telephone-operator's switching device.....	W. Kaishling.....	840,699	Jan. 8	649	403	126	51
Telephone pay-station.....	G. A. Long.....	872,628	Dec. 3	2072	136	131	1219
Telephone-receiver.....	H. W. Haf.....	843,842	Feb. 12	2072	443	126	2346
Telephone-receiver.....	L. Steinberger.....	847,842	Mar. 19	4289	940	127	1137
Telephone-receiver.....	A. F. H. Davis.....	853,578	May 14	2427	506	128	656
Telephone-receiver.....	K. M. Turner.....	855,911	June 4	917	190	128	1925
Telephone-receiver.....	W. R. Bankhead.....	863,253	Aug. 13	1864	502	129	2695
Telephone-receiver.....	E. J. Quinby.....	835,937	Sept. 10	1848	519	130	107
Telephone-receiver.....	H. E. Booth.....	871,470	Nov. 19	2792	702	131	823
Telephone receiver and transmitter. Combined.....	R. F. Ludlow.....	833,617	Aug. 20	2396	659	129	2893
Telephone-receiver attachment.....	J. R. Challen.....	844,299	Feb. 12	2879	612	126	2548
Telephone-receiver holder.....	H. E. Richey.....	853,118	May 7	1502	313	128	379
Telephone-receiver holder.....	W. A. Beavan.....	853,672	May 14	2621	544	128	707
Telephone-receiver holder.....	H. S. Bepler.....	858,944	July 2	987	257	129	339
Telephone-receiver holder.....	E. B. Helman.....	862,909	Aug. 13	1319	359	129	2523
Telephone-receiver holder.....	A. D. Brittain.....	866,577	Sept. 17	2784	779	130	933
Telephone-receiver. Modulating.....	K. M. Turner.....	848,073	Mar. 26	4772	1041	127	1292
Telephone-receiver support.....	J. S. Mills.....	864,382	Oct. 27	3537	982	129	3276
Telephone-receivers. Adjustable support for.....	R. Higgins.....	869,368	Oct. 29	3399	935	130	2455
Telephone-receivers. Holder for.....	W. J. Mogridge.....	862,497	Aug. 6	665	179	129	2294
Telephone-relay.....	D. S. Dickert.....	847,656	Mar. 19	3897	851	127	1045
Telephone relay or repeater.....	A. L. Parcelle.....	843,296	Feb. 5	947	191	126	2031
Telephone release. Automatic.....	E. D. Fales.....	866,639	Sept. 24	2891	816-17	130	997
Telephone repeater-circuit.....	H. E. Shreeve.....	863,230	Aug. 13	1827	491	129	2686
Telephone repeater system.....	N. G. Warth.....	850,079	Apr. 9	2804	589	127	2334
Telephone repeater system.....	N. G. Warth.....	864,713	Aug. 27	4089	1137	129	3450
Telephone selecting apparatus.....	W. D. Watkins.....	859,534	July 9	1874	503-4	129	661
Telephone-service apparatus.....	S. H. Couch.....	846,827	Mar. 12	2236	490	127	598
Telephone-service apparatus.....	U. S. Jackson.....	859,884	July 9	2412	656	129	831
Telephone set.....	G. F. Atwood.....	847,305	Mar. 19	3160	695-6	127	856
Telephone set. Portable combination.....	A. Stromberg.....	854,439	May 21	4169	864	128	1137
Telephone-signal.....	G. W. Schuessler.....	840,589	Jan. 8	1628	357	126	460
Telephone signal system.....	H. M. Eldred.....	863,705	Aug. 20	2511	693	129	2931
Telephone signaling apparatus.....	A. A. Monson.....	847,355	Mar. 19	3270	719	127	882
Telephone signaling device.....	K. Weman.....	846,368	Mar. 5	1285	283	127	323
Telephone-stand.....	W. B. Oliver.....	858,822	July 2	813	211	129	281
Telephone-stand.....	L. Steinberger.....	859,702	July 9	2140	577	129	744
Telephone-support.....	S. C. Houghton.....	859,221	July 9	1402	372	129	504
Telephone-supporting apparatus.....	W. B. Lehmkuhl.....	869,973	Nov. 5	141	39	131	47
Telephone-switch.....	K. Weman.....	843,053	Feb. 5	416	91	126	1898
Telephone-switch.....	T. S. Mount.....	851,994	Apr. 30	6619	1378	127	3412
Telephone-switch.....	J. S. Alsobrook.....	854,552	May 21	4370	906	128	1185
Telephone-switch. Automatic.....	C. M. Thompson.....	857,966	June 25	4940	1045	128	3044
Telephone switch-box.....	S. C. Houghton.....	849,615	Apr. 9	1981	406	127	2127
Telephone switch-hook.....	R. H. Manson.....	841,993	Jan. 22	4419	952	126	1243
Telephone switch-hook.....	A. Larsson.....	851,761	Apr. 30	6124	1280	127	3283
Telephone-switch-operating mechanism.....	F. M. Potter, Jr.....	847,367	Mar. 19	3300	724	127	888
Telephone-switch system. Automatic.....	J. Wicks and D. D. McKay.....	852,004	Apr. 30	6640	1382-3	127	3416
Telephone-switchboard.....	M. V. Mehren.....	842,410	Jan. 29	5316	1126-7	127	1508
Telephone-switchboard.....	J. M. Dosbaugh.....	855,391	May 28	6039	1261	128	1639
Telephone-switchboard.....	F. W. Wood.....	859,276	July 9	1483	396-7	129	532
Telephone switchboard apparatus.....	H. P. Clausen.....	861,809	July 30	5429	1496	129	1901
Telephone-switchboard. Automatic.....	A. A. Monson.....	847,356	Mar. 19	3273	719-20	127	882
Telephone-switchboards. Combined annunciator and jack for.....	M. V. Mehren.....	842,409	Jan. 29	5314	1126	126	1507
Telephone-switchboards. Spring-jack for.....	F. R. McBerty and E. B. Craft.....	853,370	May 14	2036	421	128	555
Telephone system.....	H. G. Webster.....	839,910	Jan. 1	219	47	126	61
Telephone system.....	W. W. Dean.....	841,233	Jan. 15	2905	631	126	827
Telephone system.....	A. H. Weiss.....	841,292	Jan. 15	3019	656	126	854
Telephone system.....	F. W. Dunbar.....	842,306	Jan. 29	5071	1081	126	1438
Telephone system.....	H. R. Turner.....	842,822	Jan. 29	6194	1308-9	126	1723
Telephone system.....	R. M. Eaton.....	843,078	Feb. 5	486	102	126	1918
Telephone system.....	E. R. Corwin.....	845,056	Feb. 26	4640	987	126	3057
Telephone system.....	W. W. Dean.....	845,533	Feb. 26	5590	1184	126	3296
Telephone system.....	C. G. and E. J. Burke.....	846,394	Mar. 5	1344	296-7	127	339
Telephone system.....	I. Kitsee.....	846,413	Mar. 5	1391	307	127	353
Telephone system.....	A. K. Andriano.....	846,889	Mar. 12	2363	519-20	127	632
Telephone system.....	C. L. and T. P. Carr.....	847,316	Mar. 19	3182	700-1	127	861
Telephone system.....	C. A. Wardner.....	849,032	Apr. 2	829	171	127	1799
Telephone system.....	W. W. Dean.....	849,375	Apr. 9	1510	306	127	2008
Telephone system.....	L. F. Müller.....	849,850	Apr. 9	2424	494-5	127	2241
Telephone system.....	J. W. Lattig and C. L. Goodrum.....	851,948	Apr. 30	6526	1360	127	3388
Telephone system.....	E. J. Burke.....	853,002	May 7	1303	272	128	330
Telephone system.....	G. Babcock.....	853,291	May 14	1864	388	128	506
Telephone system.....	F. B. Cook and J. G. Nolen.....	856,570	June 11	2233	459	128	2293
Telephone system.....	L. B. Niemann.....	857,480	June 18	3952	840	128	2765
Telephone system.....	E. B. Headford.....	858,454	July 2	136	37	129	46
Telephone system.....	H. P. Clausen.....	859,201	July 9	1371	364	129	492
Telephone system.....	D. H. Wilson.....	860,175	July 16	2855	779	129	1010
Telephone system.....	H. P. Clausen.....	861,808	July 30	5426	1495	129	1899
Telephone system.....	W. W. Dean.....	862,616	Aug. 6	867	232	129	2353

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Telephone system.	H. F. Joeckel.	866,138	Sept. 17	2160	601	130	735
Telephone system.	W. W. Dean.	866,266	Sept. 17	2346	653	130	795
Telephone system.	H. P. Clausen.	866,714	Sept. 24	3000	851	130	1027
Telephone system.	F. E. Mayberry.	867,892	Oct. 8	1020	291-2	130	1644
Telephone system.	W. W. Dean.	869,067	Oct. 22	2928	807	130	2282
Telephone system.	H. G. Webster.	869,119	Oct. 22	2995	827	130	2302
Telephone system.	F. Merk.	853,818	May 14	2921	601	128	783
Telephone system.	F. W. Dunbar.	870,551	Nov. 12	1063	290	131	374
Telephone system.	Central-energy.	843,329	Feb. 5	1006	207	126	2044
Telephone system.	Intercommunicating.	860,860	July 23	3909	1071-2	129	1386
Telephone system.	Multiple-station.	842,772	Jan. 29	6111	1289-90	126	1702
Telephone system.	Party-line.	851,458	Apr. 23	5499	1151-2	127	3096
Telephone system.	Party-line.	854,543	May 21	4354	902	128	1182
Telephone system.	Party-line.	873,588	Dec. 10	2623	552	131	1622
Telephone system.	Secret-service.	841,478	Jan. 15	3385	731-2	126	950
Telephone system.	Trunk-line.	854,337	May 21	3972	821	128	1089
Telephone system.	Two-wire multiple.	859,774	July 9	2241	610	129	780
Telephone systems.	Call-register for.	854,830	May 28	4946	1028	128	1362
Telephone systems.	Pole-distribution rack for.	846,144	Mar. 5	876	183	127	223
Telephone systems.	Trunk-circuit for.	848,749	Apr. 2	255	52	127	1651
Telephone systems.	Visual recorder for.	840,718	Jan. 8	1866	411-12	126	522
Telephone, telegraph, and trolley wires. Sectional pole for.	H. M. Sciple.	841,344	Jan. 15	3134	676	126	886
Telephone toll-line system.	W. W. Dean.	848,448	Mar. 26	5481	1194	127	1470
Telephone toll-lines. Apparatus for.	T. R. Laing.	848,378	Mar. 26	5345	1163-4	127	1433
Telephone toll-station apparatus.	J. W. Lattig and C. L. Goodrum.	859,775	July 9	2244	610-11	129	780
Telephone-transformer.	J. J. Frank.	852,711	May 7	681	132	128	178
Telephone-transmitter.	A. Larsson.	840,069	Jan. 1	558	122	126	148
Telephone-transmitter.	J. M. Dempsey.	845,062	Feb. 26	4655	989	126	3062
Telephone-transmitter.	S. C. Houghton.	851,355	Apr. 23	5306	1111	127	3049
Telephone-transmitter.	R. C. Browne.	854,025	May 21	3369	694	128	931
Telephone-transmitter.	O. F. Falk.	855,395	May 28	6047	1263	128	1641
Telephone-transmitter.	N. H. Holland and G. W. Kauser.	858,984	July 2	1058	278	129	362
Telephone-transmitter.	E. E. Ries.	871,737	Nov. 19	3290	814	131	907
Telephone-transmitter.	H. W. Haif.	874,004	Dec. 17	3447	733	131	1792
Telephone-transmitter.	C. J. Printz.	874,118	Dec. 17	3739	766	131	1829
Telephone-transmitter.	C. Umbach.	875,138	Dec. 31	5803	1211	131	2221
Telephone-transmitter.	H. P. Clausen.	875,156	Dec. 31	5831	1217-18	131	2226
Telephone-transmitter attachment.	F. G. Moulton.	849,745	Apr. 9	2202	453	127	2182
Telephone-transmitter mouthpiece-guard.	G. E. Grimm.	860,025	July 16	2647	720	129	940
Telephone-transmitters. Antiseptic guard for.	G. E. Grimm.	843,940	Feb. 12	2172	464	126	2372
Telephone-transmitters. Attachment for mouth-pieces of.	W. C. Plank.	843,362	Feb. 5	1065	220	126	2059
Telephone-transmitters. Sanitary attachment for.	J. W. Dolson.	854,472	May 21	4229	875	128	1152
Telephone trunk-circuit.	C. S. Winston.	863,338	Aug. 13	1981	534	129	2733
Telephone trunking-circuits.	H. G. Webster.	841,747	Jan. 22	3912	848-9	126	1118
Telephone trunking system.	W. W. Dean.	841,769	Jan. 22	3969	857	126	1133
Telephone trunking system.	W. W. Dean.	842,178	Jan. 29	4812	1027	126	1373
Telephone trunking system.	H. G. Webster.	843,245	Feb. 5	835	172-3	126	2006
Telephone trunking system.	W. W. Dean.	843,871	Feb. 12	2032	437	126	2335
Telephone trunking system.	F. W. Dunbar.	844,506	Feb. 19	3307	713-14	126	2692
Telephone trunking system.	H. C. Goldrick.	845,077	Feb. 26	4681	995	126	3068
Telephone trunking system.	F. W. Dunbar.	845,452	Feb. 26	5432	1153	126	3255
Telephone trunking system.	F. W. Dunbar.	846,557	Mar. 12	1683	372	127	457
Telephone trunking system.	H. G. Webster.	847,385	Mar. 19	3335	732	127	898
Telephone trunking system.	F. W. Dunbar.	847,984	Mar. 19	4583	1007	127	1206
Telephone trunking system.	W. W. Dean.	848,814	Apr. 2	429	85-6	127	1696
Telephone trunking system.	W. W. Dean.	849,464	Apr. 9	1673	338-9	127	2053
Telephone trunking system.	W. W. Dean.	850,470	Apr. 16	3560	745	127	2570
Telephone trunking system.	W. W. Dean.	851,500	Apr. 23	5578	1169	127	3114
Telephone trunking system.	W. W. Dean.	851,803	Apr. 30	6206	1296	127	3306
Telephone trunking system.	H. G. Webster.	853,286	May 14	1850	386	128	503
Telephone trunking system.	W. W. Dean.	853,682	May 14	2637	547-8	128	710
Telephone wall set.	W. W. Dean.	871,485	Nov. 19	2826	711	131	828
Telephone. Wireless.	F. J. McCarty.	857,530	June 18	4046	861	128	2790
Telephone-wires. Apparatus for testing.	J. M. Miller and C. J. Murray.	855,117	May 28	5554	1153	128	1516
Telephones. Antibuzzing device for.	A. Schaffer.	859,464	July 9	1771	474	129	627
Telephones. Arm-support for.	L. Barrella.	844,083	Feb. 12	2421	518	126	2432
Telephones. Guard attachment for.	G. L. Blackburn.	859,479	July 9	1794	482	129	635
Telephones. Listening apparatus for.	W. W. Grigsby.	841,244	Jan. 15	2926	636-7	126	893
Telephones. Memorandum-tablet for.	H. H. Myers.	856,177	June 4	1398	295-6	128	2045
Telephones. Reinforcing.	C. Newman.	850,484	Apr. 16	3593	751	127	2571
Telephonic and telegraphic circuit. Composite.	G. M. Yorke.	845,157	Feb. 26	4838	1027	126	3110
Telephonic-call-registering apparatus.	D. F. Stakes.	852,743	May 7	739	145	128	193
Telephonic-call-registering apparatus.	D. F. Stakes.	852,744	May 7	742	146	128	194
Telephonic-current reinforcer or repeater system.	N. G. Warth.	845,282	Feb. 26	5102	1083	126	3177
Telephonic repeating circuit and apparatus.	F. E. D. d'Humy.	847,777	Mar. 19	4139	904	127	1101
Telephony.	I. Kitsee.	844,811	Feb. 19	4184	891	126	904
Telephony.	H. J. Fisher.	847,283	Mar. 12	3111	686	127	815
Telephony.	D. M. Therrell.	865,215	Sept. 3	686	195-7	130	209
Telephony. Multiplex.	J. W. Lattig and C. L. Goodrum.	845,796	Mar. 5	118	23	127	34
Telephony. Multiplex.	M. Leblanc.	857,079	June 18	3195	672	128	2576
Telephotographic objective.	P. Rudolph and E. Wandersleb.	873,898	Dec. 17	3244	693	131	1758
Telescope.	A. J. Schoenborn.	852,300	Apr. 30	7207	1513	127	3558
Telescope.	A. Swasey.	862,293	Aug. 6	308	86-7	129	2179
Telescope.	L. Bell.	869,769	Oct. 29	4035	1114	130	2647
Telescope.	A. Hahn.	873,228	Dec. 10	1904	399-400	131	1500
Telescope, field-glass, and the like.	K. Martin.	849,409	Apr. 9	1573	319	127	2025
Telescope for submarine boats.	F. Rehm and K. Windstosser.	850,054	Apr. 9	2752	578-9	127	2320
Telescope. Gun-sight.	E. Dönitz.	856,520	June 11	2130	437	128	2267
Telescope mounting. Rifle.	F. L. Smith.	843,183	Feb. 5	708	148	126	1972
Telescope. Prism.	K. Martin.	841,262	Jan. 15	2962	643-4	126	840
Telescope. Sight.	F. Schleth.	869,395	Oct. 29	3445	946	130	2469
Telescope with prisms.	P. F. Pütz.	844,186	Feb. 12	2619	560-1	126	2480
Telescope with support. Double.	R. Straubel.	873,105	Dec. 10	1679	350	131	1462

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Tellurian	C. B. Martin	854,513	May 21	4301	890	128	1169
Telpher-track	H. M. Harding	849,388	Apr. 9	1541	312	127	2017
Temperature-regulator	B. Barton	849,767	Apr. 9	2251	463	127	2197
Temperature-regulator	F. Darlington	854,276	May 21	3870	799	128	1061
Temperature-regulator	F. B. Kemmler	857,073	June 18	3187	671	128	2575
Temperature-regulator	V. F. Davis	873,028	Dec. 10	1519	318	131	1436
Temperature-regulator. Automatic	F. A. Beckwith	848,280	Mar. 26	5146	1122-3	127	1388
Templet	A. D. McLain and H. W. Harrison	854,832	May 28	4953	1029-30	128	1363
Templet for drawing transition spirals	J. A. Merritt	866,152	Sept. 17	2182	608	130	743
Tennis-court marker	W. A. Johnson	850,936	Apr. 23	4476	937	127	2842
Tennis-net	J. C. Chapin	843,326	Feb. 5	1002	206	126	2043
Tennis-net	J. C. Chapin	857,598	June 25	4190	886	128	2855
Tennis-racket	S. H. Beard	840,467	Jan. 8	1369	304	126	398
Tennis, &c. Racket for	H. S. Brown	854,024	May 21	3368	694	128	931
Tenoning-machine	C. M. McClune	851,302	Apr. 23	5204	1091-2	127	3025
Tenoning-machine	W. H. Hobby	874,007	Dec. 17	3450	734	131	1793
Tenpin	J. M. Teeter	846,164	Mar. 5	908	191	127	231
Tension device	O. Pfander	844,892	Feb. 19	4329	923	126	2946
Tension device	S. W. Wardwell	849,295	Apr. 2	1353	273	127	1933
Tent	G. M. Kirby	842,672	Jan. 29	5891	1242	126	1651
Tent	R. Knabenshue	858,875	July 2	887	231	129	305
Tent	T. J. Blegg	861,252	July 30	4534	1240-1	129	1620
Tent and hammock support	J. M. Fyfe	851,927	Apr. 30	6475	1350	127	3376
Tent-frame. Portable	R. P. Orr	853,560	May 14	2392	498	128	647
Tent. Hospital-	H. B. Thompson	844,632	Feb. 19	3800	803-4	126	2805
Tent. Portable sick-room	J. C. and A. E. Moore	842,800	Jan. 29	6160	1300	126	1715
Tent-stake	N. S. Dunnington	839,822	Jan. 1	39	9	126	12
Tent-stake	P. Pement	841,812	Jan. 22	4064	875	126	1159
Tertering-machine	H. L. Quick	845,817	Mar. 5	163	32-3	127	44
Tertering-machine	W. A. Church	852,418	May 7	15	4	128	7
Tertering-machine clamp	H. W. Honeyman	850,932	Apr. 23	4471	935	127	2841
Terminal base. Interlocking	L. Steinberger	848,505	Mar. 26	5582	1219	127	1492
Terminal clip. Supporting	F. Nevins and W. B. Morewood	872,741	Dec. 3	890	185	131	1307
Terpin hydrate. Making	L. H. Reuter	840,962	Jan. 8	2354	.....	126	642
Terret-ring	B. J. Cloes	866,333	Sept. 17	2451	683	130	827
Test materials, principally for compression. Machine to	A. Gagarine	857,613	June 25	4224	893	128	2658
Test-meter. Portable	C. H. Evers	854,881	May 28	5071	1054-5	128	1394
Testing device	A. M. Mattice	840,005	Jan. 1	413	89	126	112
Testing-tube	C. Wagner	857,127	June 18	3286	692	128	2598
Tether-pin	G. E. Brown	851,564	Nov. 19	2996	747	131	855
Textile-machine spindle	H. Cruse	851,921	Apr. 30	6467	1348	127	3374
Textile machinery. Unbreakable self-lubricating long collar for	J. H. Brindle	864,356	Aug. 27	3503	973	129	3265
Textile material. Apparatus for drying	O. Venter	847,383	Mar. 19	3334	732	127	898
Textile materials. Drying-machine for	J. H. Lorimer	862,982	Aug. 13	1421	387	129	2556
Thawing device. Window-	H. Trautman	840,595	Jan. 8	1637	359	126	462
Thawing-furnace	T. D. Bausher	868,247	Oct. 15	1608	455	130	1847
Thawing hydrants and fire-plugs. Device for	J. C. Moore	865,927	Sept. 10	1831	512	130	602
Thawing-point	F. Lewis	850,023	Apr. 9	2695	566	127	2307
Thawing-point	J. H. Lamley	856,786	June 11	2640	543	128	2397
Theater	H. Helbig	844,127	Feb. 12	2507	538	126	2452
Theater-chair. Disappearing	F. Harvey	842,660	Jan. 29	5846	1235	126	1638
Theaters. Safety appliance for	A. L. K. E. von u. zu Gilsa and A. Karst	840,692	Jan. 8	1812	399-400	126	507
Theaters. Turning stage for	M. Kahane	848,907	Apr. 2	625	125	127	1748
Theatrical and similar purposes. Appliance for	J. F. Sullivan	855,910	June 4	913	190	128	1924
Theatrical apparatus	R. F. Staley	844,207	Feb. 12	2672	572-3	126	2496
Theatrical apparatus	H. L. Bowdoin	854,265	May 21	3849	795	128	1055
Theatrical appliance	G. Schneider	869,145	Oct. 22	3037	838	130	2314
Theatrical device	T. G. Lafayette	873,315	Dec. 10	2093	437-8	131	1530
Theodolite or similar instrument	C. F. E. Schneider and E. Rimailho	849,132	Mar. 26	4868	1063	127	1315
Therapeutic oven	D. B. Catlin	859,198	July 9	1367	362	129	491
Thermal cut-out	J. T. H. Dempster	854,723	May 28	4727	983	128	1305
Thermal cut-out	J. T. H. Dempster	854,724	May 28	4728	983	128	1306
Thermal protectors. Automatic resetting and testing means for	F. B. Cook	869,864	Oct. 29	4176	1153	130	2689
Thermally-operated apparatus	E. Batault	847,543	Mar. 19	3649	804	127	982
Thermic process	H. Goldschmidt	875,345	Dec. 31	6210	.....	131	2286
Thermo-electric element	A. L. Marsh	874,780	Dec. 24	5056	1065	131	2080
Thermo-electric generator	W. H. Bristol	839,984	Jan. 1	363	79	126	99
Thermo-electric generator	W. H. Bristol	839,985	Jan. 1	365	80	126	100
Thermometer	E. L. Baker	861,246	July 30	4525	1238	129	1617
Thermometer-case. Antiseptic	C. W. Kennerly and B. E. Stockwell	857,631	June 25	4257	899	128	2874
Thermometer case. Clinical	F. R. Hart	860,088	July 16	2738	747	129	969
Thermometer. Clinical	W. P. Grafton	848,458	Mar. 26	5499	1198	127	1474
Thermometer. Electric-resistance	E. Haag	845,413	Feb. 26	5362	1138	126	3239
Thermometer sterilizer and holder	G. M. Brubaker	862,385	Aug. 6	463	123	129	2232
Thermopile	H. Diecks	842,391	Jan. 29	5270	1118-19	126	1494
Thermostat	H. E. Reeve	845,894	Mar. 5	349	71	127	91
Thermostat	P. A. Brown	847,981	Mar. 19	4577	1005-6	127	1205
Thermostat	J. L. Nix	857,298	June 18	3609	764	128	2680
Thermostat	H. H. Pilcher	862,753	Aug. 6	1084	291	129	2415
Thermostat	S. B. Post	862,755	Aug. 6	1086	292	129	2415
Thermostat	J. M. Horner	863,608	Aug. 20	2380	653	129	2587
Thermostat	F. W. Robertshaw	864,263	Aug. 27	3866	936	129	3223
Thermostat	J. M. Harrison	865,304	Sept. 3	831	239	130	252
Thermostat	H. G. Geissinger	865,638	Sept. 10	1379	392	130	451
Thermostat	J. Homan	868,630	Oct. 15	2249	623	130	2047
Thermostat	J. H. Brady	872,402	Dec. 3	172	34	131	1195
Thermostat	C. A. Cyphers	873,511	Dec. 10	2463	519	131	1596
Thermostat and steam-trap	J. M. Horner	863,179	Aug. 13	1742	468	129	2659
Thermostat for centrally-heated plants	R. Brukenhaus	865,862	Sept. 10	1740	485	130	576

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Thermostats. Expansible cell for.....	J. F. McElroy.....	874,022	Dec. 17	3483	741	131	1798
Thermostatic apparatus.....	K. Rostel.....	840,256	Jan. 1	936	204	126	253
Thermostatic apparatus.....	E. F. Woodman.....	856,328	June 11	1738	361	128	2167
Thermostatic appliance.....	G. W. Wacker.....	868,307	Oct. 15	1716	483	130	1880
Thermostatic controller.....	C. A. Dunham.....	865,171	Sept. 3	615	174	130	187
Thermostatic spring.....	T. H. Wurm and R. Baumann.....	857,709	June 25	4411	931	128	2913
Thill attaching and releasing device.....	H. A. Graham.....	858,975	July 2	1044	274	129	357
Thill connection. Buggy.....	C. T. Englund.....	864,295	Aug. 27	3411	948	129	3236
Thill-coupling.....	L. W. Ward.....	843,723	Feb. 12	1760	374	126	2269
Thill-coupling.....	L. W. Ward.....	843,724	Feb. 12	1761	375	126	2269
Thill-coupling.....	R. D. Seibert.....	850,259	Apr. 16	3160	661	127	2467
Thill-coupling.....	A. Bauer.....	852,051	Apr. 30	6766	1407	127	3449
Thill-coupling.....	A. H. Worrest.....	852,753	May 7	756	149	128	197
Thill-coupling.....	R. Eccles.....	856,233	June 11	1517	319	128	2110
Thill-coupling.....	G. H. Hutton.....	856,879	June 11	2801	584	128	2436
Thill-coupling.....	J. M. Bryant.....	857,154	June 18	3334	704	128	2610
Thill-coupling.....	J. F. Galvin.....	857,340	June 18	3684	779	128	2700
Thill-coupling.....	H. H. Weigart.....	858,239	June 25	5486	1170	128	3185
Thill-coupling.....	D. W. Copeland.....	859,048	July 2	1144	306	129	389
Thill-coupling.....	D. L. Tschantz.....	861,780	July 30	5377	1483	129	1885
Thill-coupling.....	H. M. Reynolds.....	867,413	Oct. 1	277	81	130	1398
Thill-coupling.....	A. F. Warele.....	869,758	Oct. 29	4022	1111	130	2643
Thill-coupling.....	R. F. Cornell.....	873,299	Dec. 10	2053	428-9	131	1524
Thill-coupling.....	J. L. Taylor.....	873,632	Dec. 10	2707	572	131	1637
Thill-coupling.....	D. W. Copeland.....	874,504	Dec. 17	4111	866	131	1892
Thill-coupling. Antirattler.....	W. Cox.....	843,736	Feb. 12	1783	380	126	2275
Thill-guard.....	J. Wright.....	847,302	Mar. 12	3147	693	127	824
Thill or tongue support.....	L. L. Roark.....	840,012	Jan. 1	430	93	126	117
Thill. Shifting.....	J. Triestram.....	848,514	Mar. 26	5598	1223	127	1497
Thill. Sleigh.....	M. D. Schaller.....	860,250	July 16	2972	812	129	1047
Thill-support.....	A. Dudley, Sr.....	842,186	Jan. 29	4829	1031	126	1378
Thill-support.....	J. W. Sherwood.....	853,904	May 14	3117	638	128	830
Thill-support.....	W. B. Ellsworth.....	869,072	Oct. 22	2936	809	130	2285
Thill-supporter.....	F. A. Crocker.....	868,969	Oct. 22	2773	765	130	2233
Thills. Temporary repair device for wagon.....	E. W. Crispell.....	860,854	July 23	3902	1070	129	1384
Thimble.....	E. Barnett.....	848,530	Mar. 26	5622	1230	127	1503
Thimble.....	G. F. Holden.....	859,771	July 9	2236	009	129	778
Thimble and flue-stop. Combined.....	E. E. Hanken.....	860,801	July 23	3828	1049	129	1360
Thimble-forming machine.....	F. A. Christensen, A. W. Bott, and E. H. Wilbur.....	843,000	Feb. 5	317	69	126	1869
Thimble. Handle.....	J. Dubisee.....	853,537	May 14	2347	488	128	636
Thimble. Sewing.....	B. A. Stair.....	866,532	Sept. 17	2725	762	130	914
Thin leaf or fabric.....	H. R. Gregory.....	848,301	Mar. 26	5194	.....	127	1399
Thinner.....	W. B. Moss.....	840,229	Jan. 1	892	192	126	241
Thio-indoxyl derivative and making same.....	P. Friedlaender.....	850,827	Apr. 16	4249	.....	127	2745
Thio-indoxyl derivatives and making same.....	K. Albrecht.....	874,649	Dec. 24	4810	.....	131	2038
Thiosinamin compound.....	F. Mendel.....	868,204	Oct. 15	1541	.....	130	1826
Thread and also the twisted thread. Machine for coating the strands of a.....	E. D. C. Bayne and L. A. Subers.....	874,287	Dec. 17	4076	859	131	1886
Thread-controller.....	G. Schmidt.....	866,890	Sept. 24	3273	921	130	1121
Thread-cutter.....	A. Karrer.....	853,979	May 21	3279	674	128	910
Thread-cutter.....	O. Slagle.....	867,217	Sept. 24	3796	1072	130	1284
Thread-cutting attachment.....	L. J. Voelz.....	847,626	Mar. 19	3848	841	127	1032
Thread-cutting machine.....	T. B. Earhart.....	855,051	May 28	5399	1122	128	1478
Thread-cutting tool.....	B. Borden and W. A. Neracher.....	862,876	Aug. 13	1273	345	129	2509
Thread-cutting tool. Taper.....	B. Borden.....	875,043	Dec. 31	5621	1173	131	2191
Thread-dressing machine.....	G. A. Fredenburgh.....	862,549	Aug. 6	765	204-5	129	2321
Thread fastenings. Machine for forming knotted.....	C. M. Horton.....	857,941	June 25	4870	1030-1	128	3028
Thread-finishing machine.....	E. J. Lipps and F. Ott.....	871,999	Nov. 26	3919	945	131	1027
Thread-finishing machine. Silk.....	X. Bossart.....	873,491	Dec. 10	2425	510	131	1589
Thread-finishing machine. Silk.....	E. Pohl.....	874,235	Dec. 17	3974	838	131	1869
Thread-gage.....	B. M. W. Hanson.....	870,286	Nov. 5	646	173-4	131	211
Thread-guard.....	S. B. Wilson.....	843,190	Feb. 5	731	150	126	1980
Thread-guide.....	I. E. Palmer.....	849,809	Apr. 9	2329	478	127	2217
Thread-guide.....	G. Singleton.....	855,349	May 28	5973	1247	128	1622
Thread-guide.....	I. E. Palmer.....	855,803	June 4	691	141	128	1871
Thread-guide.....	N. Johnson.....	873,944	Dec. 17	3332	710	131	1773
Thread-holder.....	F. R. Kent.....	863,723	Aug. 20	2534	700	129	2938
Thread-holder.....	C. Garvin.....	864,161	Aug. 27	3211	889	129	3174
Thread-retainer.....	A. N. Chartier.....	867,347	Oct. 1	183	53	130	1368
Thread-rolling machine.....	G. B. Lamb, D. C. Griggs, and R. H. Smith.....	849,630	Apr. 9	2011	412-13	127	2135
Thread, yarn, &c. Guide for.....	J. R. Mitchell.....	855,325	May 28	5929	1237	128	1611
Threads. Die for cutting tapered.....	W. Shaw.....	861,682	July 30	5215	1433	129	1838
Threads, films, and the like. Manufacturing artificial.....	E. W. Friedrich.....	850,571	Apr. 16	3757	.....	127	2622
Threads into skeins. Reeling of.....	M. Waddell.....	863,766	Aug. 20	2604	720-1	129	2959
Threads. Manufacture of silk-like.....	R. Linkmeyer.....	857,640	June 25	4275	.....	128	2878
Threaded tube.....	C. L. Cummings.....	859,803	July 9	2279	620	129	792
Threading-tool.....	T. W. Nurse.....	848,489	Mar. 26	5549	1211	127	1486
Threading-tool.....	C. L. Cummings.....	859,642	July 9	2046	553-4	129	716
Threading-tool.....	C. L. Cummings.....	859,644	July 9	2055	555	129	718
Three-speed mechanism.....	A. J. Allen.....	859,422	July 9	1715	457	129	609
Thresher and cleaner.....	G. W. Tice.....	842,437	Jan. 29	5386	1140-1	126	1528
Thresher band-cutter and feeder.....	T. S. Pearson and V. E. Vaile.....	861,533	July 30	4987	1370	129	1767
Thresher-feeder.....	T. N. Johnson.....	850,838	Apr. 16	4277	897-8	127	2751
Threshing cow-peas. Apparatus for.....	J. J. Koger.....	861,189	July 23	4424	1214	129	1553
Threshing-machine.....	R. Sylvester.....	844,627	Feb. 19	3791	800-1	126	2802
Threshing-machine.....	G. Laczay, C. Fohn, and C. Ekker.....	855,461	June 4	38	9	128	1704
Threshing-machine.....	A. T. Bakkeem.....	857,147	June 18	3322	700-1	128	2607
Threshing-machine.....	R. Sylvester.....	863,466	Aug. 13	2151	581	129	2786
Threshing-machine.....	W. I. Butler.....	865,678	Sept 10	1437	407	130	469
Threshing-machine.....	C. Burwell.....	872,405	Dec. 3	178	35	131	1196
Threshing-machine.....	J. McCorkell.....	875,550	Dec. 31	6596	1378	131	2351
Threshing-machine attachment.....	G. S. Angier.....	847,875	Mar. 19	4346	953	127	1152
Threshing-machine baling attachment.....	R. C. Redpath.....	853,376	May 14	2046	423-5	128	557

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Threshing-machine band-cutter	M. C. Albertson	846,377	Mar. 5	1302	287	127	329
Threshing-machine band-cutter and feeder	H. J. Wiese	858,127	June 25	5279	1121	128	3132
Threshing-machine feeder	C. D. Markey	839,865	Jan. 1	122	29-30	126	36
Threshing-machine feeder	D. Melvor	867,829	Oct. 8	923	263	130	1615
Threshing-machine feeder and band-cutter	J. H. Wilson	858,843	July 2	839	218-19	129	240
Threshing-machine feeder and cutter	R. S. White, Jr., and C. A. Fry	874,813	Dec. 24	5114	1077-8	131	2090
Threshing-machine feeder. Portable	D. Still	848,577	Mar. 26	5719	1251-2	127	1528
Threshing-machine grain-feeding apparatus	J. B. Bartholomew	855,273	May 28	5840	1218	128	1590
Threshing-machine separating-grate	F. F. Landis	870,731	Nov. 12	1363	372	131	478
Threshing-machine sheaf carrier and elevator	R. Sylvester	844,628	Feb. 19	3793	801-2	126	2803
Threshing-machine sieve	W. F. MacGregor	870,302	Nov. 5	672	180-1	131	220
Threshing-machine. Transit	D. M. Hartsough	848,990	Apr. 2	757	154	127	1780
Threshing-machines. Automatic pitcher and self-feeder for	G. C. Wiles	840,276	Jan. 1	982	213-14	126	265
Threshing-machines. Baling attachment for	R. C. Redpath	868,886	Oct. 22	2640	729-31	130	2191
Threshing-machines. Self-feeder for	A. Zastrow	864,820	Sept. 3	86	24	130	28
Threshing-machines. Traction and power attachment for	B. Dahl	847,736	Mar. 19	4060	887	127	1082
Threshing machinery. Cylinder-tooth for use in	A. M. Anderson and C. Quesnell	858,362	July 2	2	1	129	3
Threshold and weather-strip. Combined	D. Duff	849,380	Apr. 9	1531	309	127	2014
Throat-protector	C. E. Winks	870,004	Nov. 5	210	56	131	75
Throttle-controller	O. Thum	872,478	Dec. 3	345	71	131	1221
Tick-tack	F. J. Niggel	872,962	Dec. 3	1348	285	131	1379
Ticket apparatus	H. H. Cummings	873,302	Dec. 10	2056	429-30	131	1525
Ticket-box	H. Plummer	847,688	Mar. 19	3973	868	127	1063
Ticket-box. Safety	A. Ross	858,759	July 2	683	181	129	237
Ticket-case	A. F. Armstrong	861,245	July 30	4523	1237	129	1617
Ticket-case	H. J. Müller	855,653	June 4	396	83	128	1795
Ticket. Commutation railway-	H. N. Delano	841,853	Jan. 22	4152	894	126	1182
Ticket-cutter	E. D. Fritch and G. Drewry	863,271	Aug. 13	1887	509	129	2702
Ticket-cutter	W. Kinhead and J. T. Gillespie	867,978	Oct. 15	1206	333	130	1724
Ticket-distributing system. Pneumatic	H. M. Crane	841,851	Jan. 22	4148	983-4	126	1181
Ticket for fabrics and the like. Pin-	A. Kimball	874,772	Dec. 24	5044	1062	131	2077
Ticket-holder	C. Lovenberg	862,569	Aug. 6	799	213	129	2331
Ticket-holder	C. B. Livermore	870,445	Nov. 5	911	247	131	298
Ticket holder and cutter	J. O. M. Seibert	864,340	Aug. 27	3473	966	129	3256
Ticket issuing and recording machine	J. F. Ohmer and E. H. Bridenbaugh	854,666	May 21	4581	957	128	1239
Ticket-issuing machine. Coin-controlled	A. Wantzen	846,766	Mar. 12	2103	462	127	565
Ticket-making machine. Pin-	J. P. Kuhns	864,005	Aug. 20	2959	816	129	3069
Ticket or tag	T. H. O'Brien	851,101	Apr. 23	4776	1004	127	2916
Ticket or tag	T. H. O'Brien	851,138	Apr. 23	4830	1018	127	2928
Ticket or tag	T. H. O'Brien	851,139	Apr. 23	4831	1018	127	2929
Ticket or tag. Pin	J. C. Edwards	857,727	June 25	4448	939	128	2923
Ticket or tag. Pin	A. Kimball	857,740	June 25	4476	945	128	2930
Ticket. Pin	G. A. Wallin	852,531	May 7	302	55	128	83
Ticket. Pin	A. G. Thompson	862,419	Aug. 6	518	139	129	2247
Ticket. Pin	G. A. Wallin	874,809	Dec. 24	5107	1076	131	2089
Ticket-receiving box	I. Fluegelman	858,378	July 2	23	8-9	129	6
Ticket slide-clip	O. W. Marsh	859,000	July 2	1077	283	129	367
Ticket. Transfer-	L. T. Peck	856,904	June 11	2848	594	128	2447
Tickets, checks, &c. Holder for	M. Macdonald	856,410	June 11	1936	398	128	2219
Tickets into ticket-compartments. Contrivance for inserting loose packets of	H. J. Müller	872,190	Nov. 26	4302	1027	131	1090
Tickets. Means for checking the sale of railway and other	H. J. Müller	850,950	Apr. 23	4501	941	127	2848
Tickets to goods. Machine for attaching	H. G. Davis	864,157	Aug. 27	3205	888	129	3172
Ticketing machine. Pin-	F. G. Myers	859,320	July 9	1559	414-15	129	560
Ticketing machine. Pin-	F. G. Myers	859,321	July 9	1562	416-17	129	561
Tide-motor	J. E. Lemyre	839,860	Jan. 1	109	27	126	31
Tide or wave motor	H. P. Woodard	870,706	Nov. 12	1319	361	131	464
Tide or wave motor	J. Hutchings	870,965	Nov. 12	1759	479-80	131	600
Tie:							
See Bag-tie.	Metallic tie.						
Bale-tie.	Package-tie.						
Concrete tie.	Rail-tie.						
Corn-fodder tie.	Rail cross-tie.						
Cross-tie.	Rail-fastening tie.						
Cushion-tie.	Railway-tie.						
Fence-tie.	Railway cross-tie.						
Fencing-tie.	Railway-rail tie.						
Fodder-tie.	Railway-track cross-tie.						
Insulated metal cross-tie.	Steel tie.						
Insulator-tie.	Wall-tie.						
Metal tie.							
Tie	T. G. Fisher	858,376	July 2	21	8	129	8
Tie	W. R. Ball	865,559	Sept. 10	1265	358	130	414
Tie	J. Roberts and J. E. Bliss	865,945	Sept. 10	1861	522	130	611
Tie and rail-clamp	J. B. Hinchman	858,983	July 2	1054	278	129	359
Tie and rail-fastener. Combined	E. P. Bergman	840,988	Jan. 8	2394	524	126	652
Tie-frame	A. A. Mathews	845,246	Feb. 26	5020	1067	126	3156
Tie-holder	F. E. Wicking	868,742	Oct. 22	2435	674	130	2128
Tie or anchor plate	F. E. Herriman	845,639	Feb. 26	5794	1225	126	3346
Tie-plate	E. L. Flinn	843,595	Feb. 12	1522	323	126	2206
Tie-plate	E. H. Bell	846,281	Mar. 5	1116	243	127	283
Tie-plate	H. H. Hart	851,883	Apr. 30	6379	1331	127	3351
Tie-plate	A. Morrison	852,284	Apr. 30	7180	1507	127	3552
Tie-plate	W. L. De Remer	853,683	May 14	2656	548	128	717
Tie-plate	W. L. De Remer	853,684	May 14	2658	548	128	718
Tie-plate	W. L. De Remer	856,396	June 11	1909	393	128	2213
Tie-plate	S. Clary	859,046	July 2	1142	305	129	388
Tie-plate	W. McKee	863,626	Aug. 20	2412	662-3	129	2898
Tie-plate	W. McKee	864,137	Aug. 20	3171	876-7	129	3133
Tie-plate	E. H. Bell	873,707	Dec. 17	2852	607	131	1695
Tie-plate and guard-rail clamp. Combined	W. F. Bossert	871,909	Nov. 26	3688	899-900	131	996

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Tie-plate and rail-fastener.....	J. J. Davis.....	855,941	June 4	967	201	128	1937
Tie-rod.....	L. W. Noyes.....	857,749	Oct. 8	792	224	130	1575
Tie-shield.....	G. E. Figg.....	875,511	Dec. 31	6526	1361	131	2339
Tie-slide.....	W. Templin.....	874,456	Dec. 24	4401	928	131	1974
Tile.....	G. B. Staples.....	850,271	Apr. 16	3174	663	127	2471
Tile.....	G. B. Staples.....	850,272	Apr. 16	3175	663	127	2471
Tile.....	G. B. Staples.....	850,274	Apr. 16	3178	664	127	2472
Tile.....	E. Coffin.....	853,063	May 7	1408	294	128	358
Tile.....	O. M. Du Brau.....	856,231	June 11	1514	319	128	2109
Tile.....	J. F. Schwartz.....	869,266	Oct. 29	3225	888	130	2401
Tile.....	H. Haugh.....	869,362	Oct. 29	3392	933	130	2453
Tile.....	H. Haugh.....	872,510	Dec. 3	398	84	131	1230
Tile.....	P. J. McGuire.....	873,676	Dec. 10	2778	589	131	1651
Tile. Conduit.....	J. Balch.....	875,489	Dec. 31	6482	1354	131	2333
Tile construction.....	J. F. Warwick.....	871,838	Nov. 26	3535	865	131	973
Tile construction.....	P. J. Fischer.....	874,909	Dec. 24	5339	1116	131	2121
Tile. Drain.....	H. Mori.....	855,652	June 4	395	83	128	1795
Tile. Drain.....	W. H. Carson.....	867,945	Oct. 15	1153	318	130	1708
Tile. Facing.....	J. S. Hunter.....	845,550	Feb. 26	5622	1191	126	3304
Tile-gaging machine.....	M. A. Metzner.....	868,793	Oct. 22	2513	692-3	130	2152
Tile gutter.....	J. Freund.....	874,180	Dec. 17	3847	811	131	1849
Tile. Illuminating.....	J. B. French.....	867,650	Oct. 8	648	184	130	1531
Tile. Illuminating.....	J. B. French.....	871,793	Nov. 26	3429	842	131	957
Tile-machine.....	W. H. Boery.....	850,513	Apr. 16	3654	763-4	127	2595
Tile-machine.....	C. L. Baldwin.....	852,095	Apr. 30	6836	1426	127	3466
Tile-machine.....	L. O. Burnham.....	852,101	Apr. 30	6847	1429	127	3468
Tile-machine.....	G. Ferguson.....	859,287	July 9	1503	401	129	539
Tile-machine.....	G. Ferguson.....	859,377	July 9	1658	441	129	590
Tile-machines. Plunger for.....	G. F. Keil.....	868,866	Oct. 22	2617	723	130	2184
Tile-making machine.....	S. A. Jones.....	861,520	July 30	4967	1365	129	1760
Tile-manufacturing apparatus.....	J. R. Miller and U. S. Huggins.....	859,906	July 9	2445	665	129	841
Tile-mold.....	J. J. Swenson.....	858,638	July 2	494	127	129	173
Tile-molding machine.....	D. Leonard.....	848,664	Apr. 2	84	19	127	1606
Tile-molding machine.....	J. I. McLimans.....	858,303	June 25	5589	1195	128	3210
Tile or slab. Reinforced.....	C. C. Davis.....	848,537	Mar. 26	5634	1233	127	1506
Tile or stair-tread.....	G. B. Staples.....	850,273	Apr. 16	3177	664	127	2471
Tile-press.....	W. P. Meeker.....	861,379	July 30	4755	1299	129	1696
Tile. Roofing.....	E. E. Johnston.....	844,453	Feb. 19	3191	689	126	2663
Tile. Roofing.....	A. Voigt.....	852,402	Apr. 30	7421	1557	127	3612
Tile. Sheet-metal.....	S. H. Calkins.....	857,718	June 25	4426	935	128	2917
Tile with light-pane. Cement.....	I. H. Freund.....	860,796	July 23	3822	1047	129	1358
Tiles and other articles. Machine for grinding and finishing.....	W. T. Nicholls.....	868,577	Oct. 15	2138	597-8	130	2009
Tiles. Ceiling and floor composed of.....	H. Westphal.....	872,098	Nov. 26	4127	987	131	1059
Tiles, glass, &c. Means or apparatus for burning or fixing the colors upon printed or decorated.....	L. W. Stanley.....	854,005	May 21	3327	684	128	922
Tiles. Machine for laying underground drain.....	M. P. McCulloch.....	848,841	Apr. 2	487	95	127	1710
Tiles. Making.....	C. H. Geanakopulos.....	878,261	Oct. 15	1630	460	130	1855
Tiles. Manufacturing.....	J. R. Miller and U. S. Huggins.....	862,648	Aug. 6	916	246	129	2368
Tiles. Manufacturing roofing.....	R. Hedrich.....	854,823	May 28	4932	1025	128	1358
Tiles provided with flanged edges. Apparatus for forming.....	A. Weill.....	848,078	Mar. 26	4779	1042	127	1294
Tiles, &c. Sagger for treating.....	T. Pratt.....	866,960	Sept. 24	3383	957	130	1156
Tiling.....	G. B. Staples.....	850,275	Apr. 16	3180	664	127	2472
Tiling.....	J. M. Wells.....	866,755	Sept. 24	3075	868	130	1060
Tiling. Finishing member for.....	G. Ayres.....	875,038	Dec. 31	5612	1171	131	2189
Tiling. Finishing member for.....	G. Ayres.....	875,312	Dec. 31	6128	1279	131	2275
Till.....	C. Weisse.....	853,430	May 14	2129	444	128	579
Till. Check.....	C. Blankenagl.....	849,196	Apr. 2	1180	238-9	127	1890
Tilting-chair.....	C. J. Travers.....	851,454	Apr. 23	5490	1150	127	3095
Tilting gate.....	E. C. Compher.....	846,399	Mar. 5	1355	298	127	343
Tilting gate.....	J. A. Schertz.....	848,498	Mar. 26	5562	1214	127	1489
Timber-cutting device.....	E. C. Pollard.....	850,848	Apr. 16	4298	903	127	2757
Timber-framing machine.....	J. Doull.....	848,225	Mar. 26	5021	1097-8	127	1356
Timber-framing machine.....	J. Peters and E. H. N. Clarkson.....	869,646	Oct. 29	3856	1055	130	2594
Timber-jack.....	N. S. Kingsley.....	871,122	Nov. 19	2016	549	131	706
Timber seat and support.....	J. Tuteur.....	847,850	Mar. 19	4301	943	127	1140
Time-alarm.....	C. J. Emerson, Jr.....	864,726	Aug. 27	4115	1142-3	129	3457
Time-alarm. Electric.....	F. J. Arndt.....	871,553	Nov. 19	2975	742	131	851
Time-card. Sun.....	C. S. Bissell.....	853,338	May 14	1978	409	128	541
Time computer and recorder.....	G. Bluemel.....	844,708	Feb. 19	3959	840-1	126	2845
Time-controlled mechanism.....	J. H. Hermance.....	846,470	Mar. 12	1517	336-7	127	414
Time controlling-device.....	C. E. Campbell.....	871,671	Nov. 19	3177	788	131	887
Time-controlling mechanism.....	P. W. Eames.....	854,726	May 28	4731	984	128	1306
Time-controlling mechanism.....	A. B. and R. F. Carty.....	875,629	Sept. 10	1367	383	130	447
Time-detector. Watchman's.....	J. Zausmer.....	840,410	Jan. 1	1260	275	126	331
Time-detector. Watchman's.....	G. B. Fessenden.....	857,985	June 25	4984	1053	128	3057
Time-detector. Watchman's electric.....	O. E. Hausburg.....	845,637	Feb. 26	5789	1224	126	3345
Time-lock.....	W. H. Taylor.....	871,534	Nov. 19	2934	732	131	845
Time-recorder.....	A. L. Jaynes.....	840,495	Jan. 8	1436	317	126	413
Time-recorder.....	J. G. Wynn.....	842,990	Feb. 5	301	65-6	126	1865
Time-recorder.....	A. N. Palmer and W. W. Kimball.....	843,170	Feb. 5	672	141-2	126	1964
Time-recorder.....	W. L. Bundy.....	845,216	Feb. 26	4957	1053-4	126	3141
Time-recorder.....	J. Ericson.....	854,281	May 21	3882	800-1	128	1065
Time-recorder.....	D. A. Stowell.....	857,419	June 18	3830	812	128	2735
Time-recorder.....	D. A. Stowell and C. T. Hawley.....	870,061	Nov. 5	294	81-2	131	99
Time-recorder. Employee's.....	A. A. Newman.....	864,483	Aug. 27	3691	1028-9	129	3329
Time-recorder. Workman's.....	C. T. Hawley.....	853,878	May 14	3049	626-8	128	812
Time-recorder. Workman's.....	F. J. Tran and F. Cais.....	875,392	Dec. 31	6294	1312-13	131	2302
Time-recorder. Workman's.....	F. J. Tran and F. Cais.....	875,393	Dec. 31	6302	1313-14	131	2302
Time-recorders. Automatic card-stop for.....	J. and A. Dey.....	850,526	Apr. 16	3674	769	127	2600
Time-recorders. Record control for.....	H. B. Martin.....	862,087	July 30	5843	1621-2	129	2031
Time-recorders, &c. Ribbon mechanism for.....	J. and A. Dey.....	848,294	Mar. 26	5179	1129	127	1395
Time-switch.....	A. Tresselt.....	858,040	June 25	5096	1079	128	3084
Time switch and alarm. Automatic.....	F. H. Quade, Jr.....	865,428	Sept. 10	1036	296	130	344

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Time-switch. Automatic.....	H. H. Churchill.....	858,953	July 2	1002	262	129	343
Timer.....	H. A. Butler and F. C. Peterson.	864,077	Aug. 20	3065	848	129	3101
Time.....	C. S. Hardy.....	865,384	Sept. 10	972	279	130	324
Timing device.....	H. H. McIntire.....	856,717	June 11	2517	517	128	2365
Timepiece escapement mechanism.....	H. Coullery.....	867,015	Sept. 24	2470	983	130	1184
Timepiece-regulator.....	S. Sloan.....	842,431	Jan. 29	5370	1136	126	1524
Timepieces. Repeating mechanism for.....	G. Citelli.....	865,358	Sept. 10	931	267	130	311
Tin and solder. Apparatus for recovering.....	J. H. Bills.....	850,726	Apr. 16	4063	849	127	2698
Tin can.....	H. N. Norton.....	858,902	July 2	924	241	129	318
Tin compounds and other products. Detinning and producing.....	E. A. Sperry.....	874,040	Dec. 17	3527	752	131	1804
Tin. Electrolytic refining of.....	E. A. Sperry.....	874,707	Dec. 24	4923	.....	131	2056
Tin from iron-containing tin products. Extracting.....	H. Brandenburg.....	859,594	July 9	1976	.....	129	693
Tin from tin ores. Extracting.....	H. Brandenburg.....	859,184	July 2	1342	.....	129	453
Tin-scrap. Detinning.....	M. Leitch.....	859,566	July 9	1932	520-1	129	679
Tin-scrap-detinning apparatus.....	M. Leitch.....	859,565	July 9	1929	520	129	677
Tinning. Material for protecting sheets, &c., in.....	J. A. Kyle.....	842,212	Jan. 29	4889	.....	126	1393
Tinning-pots. Roll-wiper for.....	A. J. Maskrey.....	843,223	Feb. 5	791	163	126	1995
Tire.....	G. E. Heyl-Dia.....	840,209	Jan. 1	860	186	126	233
Tire.....	H. J. Mondor.....	842,798	Jan. 29	6157	1300	126	1714
Tire.....	H. L. Slager.....	844,201	Feb. 12	2653	569	126	2489
Tire.....	F. B. Cadwell.....	846,453	Mar. 12	1485	329-30	127	406
Tire.....	J. M. Shepard.....	847,442	Mar. 19	3455	758	127	929
Tire.....	E. F. Sobers.....	855,024	May 28	5348	1110	128	1464
Tire.....	F. Mesinger.....	857,745	June 25	4485	946	128	2932
Tire.....	E. Kempshall.....	859,069	July 2	1171	316	129	396
Tire.....	E. Kempshall.....	859,070	July 2	1172	316	129	396
Tire.....	E. Kempshall.....	859,071	July 2	1173	316	129	397
Tire.....	E. Kempshall.....	859,072	July 2	1174	316	129	397
Tire.....	E. Kempshall.....	859,073	July 2	1175	317	129	397
Tire.....	E. Kempshall.....	859,075	July 2	1176	317	129	398
Tire.....	E. Kempshall.....	859,078	July 2	1179	318	129	399
Tire.....	S. G. Davis.....	865,633	Sept. 10	1374	389	130	449
Tire.....	W. T. Wood.....	865,743	Sept. 10	1540	434	130	501
Tire.....	W. I. Dreisbach.....	866,009	Sept. 17	1965	548-9	130	675
Tire.....	J. E. MacKay.....	866,874	Sept. 24	3254	915	130	1115
Tire.....	R. A. Gehan.....	866,927	Sept. 24	3336	942	130	1141
Tire.....	W. D. Baker.....	871,159	Nov. 19	2104	565	131	718
Tire.....	W. A. Heller.....	871,404	Nov. 19	2647	676	131	801
Tire.....	M. M. Mills.....	871,763	Nov. 19	3364	825	131	916
Tire.....	R. M. Merriman.....	871,945	Nov. 26	3772	917	131	1008
Tire.....	S. G. Davis.....	872,647	Dec. 3	686	143	131	1276
Tire. Adjustable wheel.....	S. F. Mudge.....	841,561	Jan. 15	3534	764	126	990
Tire-armor.....	C. A. Schlachter.....	850,321	Apr. 16	3272	682	127	2498
Tire-armor.....	E. Kempshall.....	859,074	July 2	1176	317	129	398
Tire-armor.....	C. P. Mays.....	867,988	Oct. 15	1228	339	130	1732
Tire-armor.....	G. Powell.....	870,844	Nov. 12	1550	426	131	554
Tire. Armored pneumatic.....	H. W. Avery and W. S. Judd.....	863,689	Aug. 20	2488	687	129	2922
Tire. Automobile.....	F. D. G. Cook.....	856,447	June 11	2004	412	128	2237
Tire. Automobile.....	C. F. Obrecht.....	856,657	June 11	2409	496	128	2338
Tire. Automobile.....	G. M. Ewins.....	857,796	June 25	4589	972	128	2958
Tire. Automobile.....	A. Dameron.....	862,545	Aug. 6	756	201	129	2318
Tire. Automobile.....	G. G. Sullivan.....	867,851	Oct. 8	952	272	130	1623
Tire-bench.....	G. M. Lease.....	870,039	Nov. 5	260	71	131	89
Tire-bolting machine.....	A. H. Wilson.....	850,809	Apr. 16	4207	884	127	2733
Tire-case.....	F. B. Hopewell.....	854,215	May 21	3759	778	128	1031
Tire case. Spare.....	A. H. Kinder.....	858,458	July 2	142	38	129	47
Tire casing or shoe. Pneumatic.....	E. K. Baker and C. G. Hawley.....	865,326	Sept. 3	867	249	130	263
Tire. Cellular pneumatic.....	E. C. Schoonmaker.....	864,926	Sept. 3	259	69	130	82
Tire-channel-cleaning device.....	W. C. Wegner.....	872,207	Nov. 26	4342	1036	131	1095
Tire-cleaning device. Pneumatic.....	W. R. Frommater.....	841,958	Jan. 22	4343	937	126	1225
Tire-cleat. Traction-wheel.....	W. Galloway.....	871,868	Nov. 26	3612	882	131	983
Tire clencher and rim.....	G. Lanoir.....	862,405	Aug. 6	501	134	129	2243
Tire clip. Pneumatic.....	E. C. Shaw.....	856,494	June 11	2083	428	128	2256
Tire-covering.....	G. R. Eukers and R. H. Atcheson.	867,717	Oct. 8	742	208	130	1560
Tire. Cushion.....	W. D. McNaull.....	868,216	Oct. 15	1553	441	130	1829
Tire. Cushioned.....	Z. A. Curtis.....	846,455	Mar. 12	1488	330	127	406
Tire. Elastic.....	S. and R. Basch.....	849,592	Apr. 9	1944	398	127	2118
Tire. Elastic.....	W. S. Smith and W. H. Edwards.	864,112	Aug. 20	3122	864	129	3120
Tire. Elastic.....	J. W. Rock.....	867,756	Oct. 8	805	227	130	1579
Tire-fastener.....	C. L. Williams.....	854,549	May 21	4356	904	128	1184
Tire fastener. Rubber.....	I. W. Giles and C. W. Tobey.....	850,748	Apr. 16	4102	859	127	2707
Tire fastening. Resilient.....	O. G. Stolz.....	872,472	Dec. 3	335	68	131	1219
Tire for motor-cars, &c. Resilient.....	C. Burnett.....	851,585	Apr. 23	5764	1205	127	3163
Tire for vehicle-wheels. Elastic.....	G. E. N. I. E. Subra.....	870,323	Nov. 5	708	190-1	131	232
Tire for vehicle-wheels. Pneumatic and solid.....	J. Burnham.....	873,016	Dec. 10	1492	311-12	131	1432
Tire for vehicle-wheels. Resilient.....	O. B. Beach.....	860,846	July 23	3891	1066-7	129	1381
Tire for wheels. Elastic.....	W. R. Smith.....	852,002	Apr. 30	6633	1381	127	3415
Tire for wheels. Elastic.....	T. L. Carbone.....	873,501	Dec. 10	2450	515-16	131	1593
Tire for wheels. Spring.....	A. R. Hubbard.....	856,957	June 11	2937	617	128	2468
Tire-guard.....	C. R. Saunders and A. B. Breitweg.	857,365	June 18	3737	791	128	2712
Tire-handling tool.....	F. J. Fallmann.....	869,166	Oct. 22	3066	846	130	2325
Tire holder. Idle.....	W. H. Grandsen.....	852,834	May 7	943	193	128	246
Tire holder. Spare.....	C. W. Warner.....	858,769	July 2	701	185	129	244
Tire holder. Spare.....	F. E. Bowers.....	872,892	Dec. 3	1210	257	131	1356
Tire. Laminated.....	J. W. Carhart.....	854,463	May 21	4215	872	128	1149
Tire-mending implement.....	J. W. Blodgett.....	864,225	Aug. 27	3305	916	129	3205
Tire mold. Pneumatic.....	F. Veith.....	865,458	Sept. 10	1085	309	130	360
Tire or other valve.....	M. C. Schweinert and H. P. Kraft.	854,182	May 21	3691	764	128	1012
Tire patch. Pneumatic.....	G. and E. Hagstrom.....	871,930	Nov. 26	3737	910	131	1003
Tire-plug.....	F. N. Stevens.....	852,986	May 7	1263	262	128	322
Tire plug. Pneumatic.....	D. Apstein. (Reissue).....	12,645	May 7	1695	351	128	427
Tire. Pneumatic.....	V. H. McDowell.....	842,231	Jan. 29	4919	1049-50	126	1400
Tire. Pneumatic.....	A. F. Bryce.....	847,231	Mar. 12	3016	665	127	791
Tire. Pneumatic.....	L. N. Cates.....	849,049	Apr. 2	869	178	127	1808

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'E.	Vol.	Page.
Tire. Pneumatic.....	G. L. McQuigg.....	850,956	Apr. 23	4511	944	127	2850
Tire. Pneumatic.....	W. R. Smith.....	855,818	June 4	726	150	128	1879
Tire. Pneumatic.....	J. H. Green.....	855,884	June 4	854	177	128	1908
Tire. Pneumatic.....	A. J. Jackson.....	856,065	June 4	1177	249	128	1990
Tire. Pneumatic.....	J. O. Thomson.....	856,743	June 11	2567	528	128	2379
Tire. Pneumatic.....	M. V. Rush.....	858,029	June 25	5079	1075	128	3080
Tire. Pneumatic.....	C. B. Tiley.....	859,631	July 9	2027	547	129	709
Tire. Pneumatic.....	T. J. Chatham and J. S. Holliday.....	861,434	July 30	4865	1333	129	1728
Tire. Pneumatic.....	G. Noyes.....	866,297	Sept. 17	2395	667	130	811
Tire. Pneumatic.....	H. A. Palmer.....	870,248	Nov. 5	589	158	131	192
Tire. Pneumatic.....	F. C. Hood.....	871,169	Nov. 19	2127	570	131	722
Tire. Pneumatic.....	C. E. Duryea.....	875,053	Dec. 31	5634	1176	131	2194
Tire. Protected pneumatic.	C. G. Lotave.....	872,526	Dec. 3	450	93	131	1236
Tire-protecting device.	L. H. Kinnard.....	867,515	Oct. 1	434	123	130	1450
Tire-protector.....	O. Kelly.....	841,155	Jan. 15	2762	603	126	927
Tire-protector.....	C. E. Kimball.....	848,177	Mar. 26	4936	1078	127	1334
Tire-protector.....	S. C. Wolfe.....	854,137	May 21	3605	744	128	989
Tire-protector.....	H. L. Voss.....	854,186	May 21	3709	767	128	1019
Tire-protector.....	J. E. Heale.....	854,213	May 21	3755	777	128	1031
Tire-protector.....	E. B. Stimpson.....	858,424	July 2	91	25	129	32
Tire-protector.....	W. H. Hoffmann.....	866,134	Sept. 17	2155	599	130	734
Tire-protector.....	R. Parker.....	870,796	Nov. 12	1472	397	131	511
Tire-protector.....	W. T. Dorgan.....	871,575	Nov. 19	3012	750	131	858
Tire-protector fastening device. Pneumatic.	R. H. Morris and E. E. Townsend.....	872,246	Nov. 26	4422	1051	131	1107
Tire-protector. Pneumatic.	E. I. Tennant.....	849,438	Apr. 9	1622	329	127	2038
Tire-protector. Pneumatic.	W. M. Jamieson.....	874,964	Dec. 31	5463	1142	131	2165
Tire-protector. Rubber.	J. A. Posey.....	850,488	Apr. 16	3604	754	127	2581
Tire-protector. Rubber.	J. Hippisley.....	863,535	Aug. 13	2257	612	129	2819
Tire-pump.....	W. S. Stapley.....	855,026	May 28	5352	1111-12	128	1464
Tire-releasing tool. Clencher.	J. E. Glickert and A. L. Swigert, Jr.....	840,207	Jan. 1	856	185	126	232
Tire repair and protective device.	C. D. Gilman.....	852,113	Apr. 30	6879	1437	127	3476
Tire-repair device. Pneumatic.	P. C. Traver.....	866,539	Sept. 17	2735	765	130	916
Tire-repairing apparatus.....	J. Hart.....	841,518	Jan. 15	3468	748	126	974
Tire-repairing apparatus. Pneumatic.	F. L. Harley.....	852,326	Apr. 30	7256	1525	127	3570
Tire-repairing plug.....	M. W. Hall.....	852,716	May 7	689	134	128	181
Tire. Resilient.....	H. Klingler.....	865,396	Sept. 10	991	284	130	330
Tire. Resilient.....	I. W. Hodgson.....	871,506	Nov. 19	2874	721	131	835
Tire. Resilient.....	I. W. Hodgson.....	875,351	Dec. 31	6220	1297	131	2288
Tire. Resilient vehicle.	F. Morris.....	849,156	Apr. 2	1102	222	127	1871
Tire-retaining attachments. Locking device for.	R. S. Bryant.....	841,619	Jan. 15	3657	793	126	1020
Tire-rolling machine.....	H. V. Loss.....	863,544	Aug. 13	2270	616-19	129	2822
Tire. Rubber vehicle.	J. J. Hendler.....	865,698	Sept. 10	1467	414	130	478
Tire. Rubber vehicle.	J. J. Hendler.....	865,699	Sept. 10	1468	415	130	478
Tire-section. Composite.....	E. Kempshall.....	859,076	July 2	1177	317	129	398
Tire. Sectional pneumatic.....	C. P. Mains.....	856,411	June 11	1939	398	128	2220
Tire setter. Rubber.	H. L. Stoup.....	865,134	Sept. 3	565	158	130	171
Tire-setting implement.....	J. R. Allison.....	866,320	Sept. 17	2430	678	130	821
Tire-setting machine.....	C. W. Baker.....	843,062	Feb. 5	436	94-5	126	1904
Tire-setting machine. Cold.	I. M. Hackney.....	862,471	Aug. 6	617	164-6	129	2281
Tire-setting machine for rubber tires.	J. L. Hixson and C. W. Powell.....	872,295	Nov. 26	4512	1070	131	1122
Tire-shield.....	T. J. Sprinkle.....	865,443	Sept. 10	1059	302	130	351
Tire-shoe.....	G. Dentzeau.....	870,548	Nov. 12	1060	289	131	373
Tire-shrinker.....	W. H. Francis.....	843,392	Feb. 5	1103	229	126	2069
Tire-shrinking-machine attachment. Cold.	S. N. House.....	848,552	Mar. 26	5657	1239	127	1512
Tire. Solid rubber.....	A. H. Marks.....	844,821	Feb. 19	4200	895	126	2908
Tire structure.....	P. G. Gesford.....	857,933	June 25	4852	1027	128	3022
Tire supporting and retaining means.	W. A. Allen.....	860,891	July 23	3972	1089	129	1407
Tire-tightener.....	E. E. Graves.....	842,402	Jan. 29	5300	1124	126	1504
Tire-tightener.....	H. L. Rutledge.....	863,806	Aug. 20	2674	737	129	2982
Tire-tightener.....	T. T. Smith.....	868,818	Oct. 22	2548	702	130	2164
Tire-tightener.....	J. H. Cameron.....	875,147	Dec. 31	5816	1214	131	2224
Tire-tool.....	W. C. Broadwell.....	863,353	Aug. 13	2002	539-40	129	2740
Tire-tool.....	G. Mohme and A. V. Hadlock.....	875,093	Dec. 31	5716	1191	131	2207
Tire traction attachment. Vehicle.	C. B. Woodworth.....	870,657	Nov. 12	1247	338	131	441
Tire-valve-stem protector.	C. W. Lurty.....	875,542	Dec. 31	6584	1375	131	2349
Tire-valves and the like. Manufacture of dust-caps for.	M. C. Schweinert and H. P. Kraft.....	851,781	Apr. 30	6169	1287	127	3295
Tire. Vehicle.....	A. H. Marks.....	840,503	Jan. 8	1450	319	126	416
Tire. Vehicle.....	F. M. Georgi.....	841,505	Jan. 15	3449	742	126	969
Tire. Vehicle.....	F. Hitchcock.....	841,968	Jan. 22	4362	941	126	1230
Tire. Vehicle.....	T. Gare.....	847,466	Mar. 19	3502	766	127	942
Tire. Vehicle.....	J. E. Hopkinson.....	848,745	Apr. 2	250	51	127	1650
Tire. Vehicle.....	W. Dunbar.....	849,729	Apr. 9	2177	448	127	2176
Tire. Vehicle.....	D. R. and O. D. Salisbury.....	851,899	Apr. 30	6406	1337	127	3358
Tire. Vehicle.....	G. E. Huguley.....	853,792	May 14	2868	589	128	770
Tire. Vehicle.....	J. B. Dumais.....	857,876	June 25	4728	1004	128	2991
Tire. Vehicle.....	A. W. Getchell.....	859,759	July 9	2218	603	129	772
Tire. Vehicle.....	C. E. Titus.....	859,856	July 9	2368	643	129	818
Tire. Vehicle.....	W. E. Andrew.....	862,785	Aug. 6	1119	303-4	129	2425
Tire. Vehicle.....	J. Allend.....	863,488	Aug. 13	2189	592	129	2797
Tire. Vehicle.....	G. O. Fankboner.....	865,028	Sept. 3	420	111	130	129
Tire. Vehicle.....	A. D. Ray.....	867,600	Oct. 8	579	164	130	1501
Tire. Vehicle.....	A. W. Butler.....	870,013	Nov. 5	224	60	131	79
Tire. Vehicle.....	R. A. and H. R. L. White.....	871,545	Nov. 19	2957	738	131	848
Tire. Vehicle.....	W. C. Taylor.....	872,860	Dec. 3	1148	243	131	1346
Tire. Vehicle.....	J. Eckhard.....	873,738	Dec. 17	2933	622	131	1705
Tire. Vehicle.....	G. A. Pearse, Jr.....	873,957	Dec. 17	3356	715	131	1777
Tire. Vehicle-wheel.....	T. F. Hamilton.....	856,526	June 11	2139	439	128	2268
Tire-vulcanizing apparatus.....	J. C. Cole.....	855,693	June 4	477	100	128	1818
Tire. Wheel.....	J. A. Swinehart.....	852,529	May 7	299	54	128	82
Tire. Wheel.....	T. Midgley.....	855,468	June 4	50	12	128	1707
Tire. Wheel.....	A. J. James.....	863,539	Aug. 13	2263	614	129	2821
Tire. Wheel.....	H. B. Ewbank, Jr.....	868,079	Oct. 15	1364	382	130	1772
Tire-winding machine. Automobile.	E. D. C. Bayne and L. A. Subers.....	847,041	Mar. 12	2653	584-5	127	703
Tire-wires. Machine for inserting and withdrawing.	H. Paar.....	840,799	Jan. 8	2024	447	126	559

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Tire-wrapping machine.....	C. E. Miller.....	840,642	Jan. 8	1721	379	126	485
Tires. Adjustable friction-belt for automobile.....	E. Grieder.....	862,070	July 30	5813	1612	129	2021
Tires and other pneumatic articles. Lining for pneumatic.....	F. Petmecky.....	852,198	Apr. 30	7036	1469	127	3517
Tires. Apparatus for molding crescent fillers for.....	W. F. Stearns.....	860,263	July 16	2990	817	129	1053
Tires. Apparatus for the manufacture of elastic.....	R. M. Whitman.....	858,048	June 25	5128	1084	128	3093
Tires. Automatic pump for rubber.....	O. D. Rousseau.....	863,095	Aug. 13	1603	431	129	2613
Tires. Ball-bearing tube for.....	W. Hogben.....	857,281	June 18	3577	756	128	2673
Tires. Detachable inner tube for pneumatic.....	F. Rich.....	852,619	May 7	491	91	128	129
Tires. Detachable tread for pneumatic.....	C. B. Woodworth.....	870,656	Nov. 12	1246	338	131	440
Tires, &c. Device for inflating.....	R. H. Campbell.....	867,474	Oct. 1	366	106	130	1426
Tires for motor-cars and similar vehicles. Protector for pneumatic.....	A. McLean.....	863,083	Aug. 13	1585	428	129	2609
Tires for wheels. Air-tube for pneumatic.....	T. H. B. Gayner.....	855,627	June 4	351	72	128	1784
Tires. Forming inner tubes for.....	A. H. Marks.....	842,217	Jan. 29	4894	1044	126	1394
Tires. Forming inner tubes for.....	A. H. Marks. (Reissue).....	12 671	July 9	2449	666	129	842
Tires. Forming solid rubber.....	A. H. Marks.....	844,822	Feb. 19	4201	895	126	2908
Tires from wheels. Device for removing.....	R. Green.....	858,449	July 2	130	34	129	44
Tires. Heating wagon.....	G. A. Aicher and F. J. Demartini.....	866,553	Sept. 17	2751	770	130	921
Tires. Implement for applying rubber.....	S. A. Oliva.....	874,984	Dec. 31	5498	1148	131	2171
Tires. Inserting plugs in pneumatic.....	J. W. Blodgett.....	864,226	Aug. 27	3306	916	129	3205
Tires. Machine for filling fabric for.....	W. R. Smith.....	857,495	June 18	3981	846-7	128	2773
Tires. Machinery for use in the manufacture of pneumatic.....	T. and R. Sloper.....	852,855	May 7	990	204-8	128	252
Tires. Making.....	E. Kempshall.....	859,077	July 2	1178	318	129	399
Tires. Making.....	E. Kempshall.....	859,079	July 2	1181	318-19	129	400
Tires. Making leather.....	G. and A. Durio and G. Martina.....	857,726	June 25	4446	939	128	2922
Tires. Making shoes for pneumatic.....	J. W. Hyatt.....	840,334	Jan. 1	1092	238	126	292
Tires. Manufacturing elastic fillers for.....	F. Pfeuffer.....	851,900	Apr. 30	6550	1365	127	3394
Tires. Means for indicating the deflation of.....	H. B. Williams.....	860,003	July 16	2617	711	129	931
Tires. Means for inflating pneumatic.....	A. A. Withers.....	850,706	Apr. 16	4037	844	127	2692
Tires. Means for preventing side slip in pneumatic.....	L. E. Trefiere and V. J. Jehin.....	872,096	Nov. 26	4125	986	131	1058
Tires. Multipart mold for pneumatic.....	F. Veith.....	871,973	Nov. 26	3853	932	131	1018
Tires or tire-casings. Forming pneumatic.....	A. H. Marks.....	844,820	Feb. 19	4199	984	126	2908
Tires. Press for vulcanizing pneumatic.....	A. E. Vincent.....	868,732	Oct. 22	2420	669	130	2124
Tires. Protecting shield or guard for pneumatic.....	W. S. Arnold.....	873,919	Dec. 17	3283	701	131	1764
Tires. Protective cover for pneumatic or elastic.....	J. J. P. Le Grand.....	855,712	June 4	509	106	128	1825
Tires to rims. Means for securing soft-tread.....	F. M., J. S., and W. W. Hilton.....	865,039	Sept. 3	435	117	130	133
Tires to rims. Means for securing soft-tread.....	F. M., J. S., and W. W. Hilton.....	865,306	Sept. 3	832	240	130	252
Tires to vehicle-wheels. Means for attaching.....	E. Gerbert.....	874,324	Dec. 17	4152	873	131	1898
Tires to wheel-rims. Manufacture and application of rubber.....	I. W. Giles and C. W. Tobey.....	850,747	Apr. 16	4101	858	127	2706
Tires to wheel-rims. Means for fastening.....	A. N. Bradford and W. H. Holden.....	867,552	Oct. 1	492	141	130	1466
Tires. Tool for manipulating pneumatic.....	L. L. Heller and C. W. Hancock.....	840,938	Jan. 8	2310	508	126	630
Tires. Tread for pneumatic.....	E. K. Baker and C. G. Hawley.....	865,288	Sept. 3	866	232	130	243
Tires. Vulcanized joint for vehicle.....	W. F. Stearns.....	840,593	Jan. 8	1635	359	126	462
Tires with viscous liquids. Apparatus and process for filling rubber.....	C. W. Berry.....	840,469	Jan. 8	1372	305	126	398
Toaster.....	J. M. Brock.....	846,546	Mar. 12	1664	369	127	453
Toaster.....	C. B. L. Adams.....	858,937	July 2	980	255	129	336
Toaster.....	A. W. Kodatz.....	861,036	July 23	4208	1152	129	1481
Toaster. Bread.....	A. M. Skinner.....	841,191	Jan. 15	2817	614	126	805
Toaster or broiler.....	F. J. Mashaw.....	863,738	Aug. 20	2561	707	129	2946
Toaster or broiler.....	H. O. MacDougall.....	870,894	Nov. 12	1626	445	131	558
Tobacco and match box.....	H. A. Beham.....	847,458	Mar. 19	3487	763	127	938
Tobacco. Apparatus for loosening and spreading out cut.....	O. Bergstraesser.....	863,015	Aug. 13	1474	402	129	2573
Tobacco. Bag for pulverizing slice plug-cut.....	G. S. Ross.....	854,384	May 21	4055	838	128	1109
Tobacco-booker.....	R. E. Anger.....	854,191	May 21	3718	769	128	1021
Tobacco-booking machine.....	W. Wadsworth.....	853,279	May 14	1829	382	128	496
Tobacco-box.....	M. B. Behrman.....	842,064	Jan. 22	4555	978	126	1274
Tobacco-box.....	M. B. Behrman.....	842,065	Jan. 22	4556	979	126	1274
Tobacco box and cutter. Pocket.....	I. Z. Cohen.....	871,983	Nov. 26	3872	936	131	1021
Tobacco by means of natural or artificial aromatic substances. Impregnating.....	P. Hondius.....	828,289	June 25	5564	.....	128	3205
Tobacco-clipper.....	E. F. Palmer.....	858,531	July 2	285	71	129	101
Tobacco. Curing.....	M. B. Sarkees.....	847,698	Mar. 19	3990	.....	127	1067
Tobacco-curing apparatus.....	J. L. Bullock.....	842,171	Jan. 29	4800	1024	126	1371
Tobacco-curing apparatus.....	B. L. Dixon.....	844,583	Feb. 19	3721	782	126	2786
Tobacco-cutter.....	N. Du Brul.....	841,236	Jan. 15	2911	632-3	126	828
Tobacco-cutting apparatus. Cake or leaf.....	N. Du Brul.....	846,734	Mar. 12	2035	447-8	127	547
Tobacco-cutting machine.....	B. Baron.....	845,212	Feb. 26	4951	1051-2	126	3139
Tobacco-hanger.....	L. Aptekman.....	840,416	Jan. 1	1268	278	126	333
Tobacco-hiller.....	T. M. Shrock.....	852,463	May 7	156	28	128	48
Tobacco-knife.....	J. P. Atherton and C. E. Rice.....	869,126	Oct. 22	3009	831	130	2306
Tobacco-lath holder.....	W. A. Figg.....	817,815	Mar. 19	4240	928	127	1124
Tobacco-leaf-sizing machine.....	I. Sebring.....	872,259	Nov. 26	4446	1057	131	1111
Tobacco packing and shipping can.....	H. Schumacher.....	844,049	Feb. 12	2360	505-7	126	2416
Tobacco-pipe.....	A. H. Gregg.....	843,745	Feb. 12	1794	382	126	2277
Tobacco-pipe.....	P. A. Kenna.....	840,567	Jan. 8	1589	349	126	450
Tobacco-pipe.....	C. Lindberg.....	843,343	Feb. 5	1029	212	126	2050
Tobacco-pipe.....	G. Boston.....	845,847	Mar. 5	223	46	127	55
Tobacco-pipe.....	B. Odegard.....	849,746	Apr. 9	2203	454	127	2182
Tobacco-pipe.....	J. Shields.....	850,404	Apr. 16	3435	720	127	2539
Tobacco-pipe.....	E. Kneezell.....	850,761	Apr. 16	4128	863-4	127	2714
Tobacco-pipe.....	P. A. Kenna.....	855,893	June 4	874	181	128	1914
Tobacco-pipe.....	O. A. Buse.....	864,076	Aug. 20	3064	847	129	3100
Tobacco-pipe.....	E. Vallance.....	871,008	Nov. 12	1817	496	131	618
Tobacco-pipe.....	A. E. Dieter and G. H. Sander.....	871,488	Nov. 19	2834	713	131	829
Tobacco-pipe.....	J. Grüniger.....	872,509	Dec. 3	397	83	131	1230
Tobacco-pipe.....	E. Engholm.....	873,222	Dec. 10	1893	396	131	1498
Tobacco-plant-bed burner.....	J. D. and H. F. Flowers.....	841,317	Jan. 15	3077	666	126	870
Tobacco-pouch.....	B. J. Head.....	848,030	Mar. 26	4704	1025	127	1275
Tobacco preparation. Masticable.....	C. Ellis.....	865,026	Sept. 3	416	.....	130	128
Tobacco-pressing apparatus. Leaf.....	B. Baron.....	852,409	May 7	1	1	128	3
Tobacco-rack.....	A. S. Botkin.....	860,278	July 16	3009	823	129	1059

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Tobacco. Removing nicotin from.....	L. Parant.....	862,583	Aug. 6	815	129	2336
Tobacco-shade.....	R. S. Matheus and M. D. Downs.....	860,756	July 23	3762	1031	129	1337
Tobacco-smoking pipe.....	W. C. Marshall.....	858,737	July 2	649	171	129	224
Tobacco-smoking pipe.....	J. M. Bakos.....	866,417	Sept. 17	2568	717	130	866
Tobacco stemming and booking machine.....	B. McGregor.....	840,234	Jan. 1	902	195-7	126	244
Tobacco-stemming machine.....	J. H. and L. P. Whitaker.....	841,754	Jan. 22	3933	851-2	126	1122
Tobacco. Stripping.....	C. F. Hall.....	853,511	May 14	2304	477	128	626
Tobacco. Treating.....	E. A. De Schweinitz.....	862,115	July 30	5896	.....	129	2045
Tobacco. Treating leaf.....	H. Knox.....	843,538	Feb. 5	1409	.....	126	2145
Toboggan-slide.....	O. F. Allen.....	847,304	Mar. 19	3157	695	127	855
Toe-clip.....	F. J. and W. H. McMonies.....	859,684	July 9	2115	571	129	738
Toe-spreading retainer.....	P. Wall.....	853,327	May 14	1960	405	128	536
Toe-weight.....	J. D. Keller.....	861,522	July 30	4971	1366	129	1761
Toggle-arm.....	B. Gray.....	843,450	Feb. 5	1202	253	126	2091
Toggle-bolt.....	J. H. Cook.....	867,799	Oct. 8	874	248	130	1602
Toggle-bolt.....	A. L. Ellis.....	870,820	Nov. 12	1519	414	131	526
Toggle-press.....	C. N. Frey.....	843,203	Feb. 5	753	154-5	126	1985
Toilet and shoe-polishing outfit.....	W. P. Nolen.....	862,988	Aug. 13	1428	388-9	129	2557
Toilet article.....	G. H. Wagner and S. S. Herne.....	850,551	Apr. 16	3721	777	127	2613
Toilet article.....	L. Van Gale.....	856,500	June 11	2091	430	128	2538
Toilet-box. Combination.....	A. D. Herman.....	853,361	May 14	2021	418	128	551
Toilet-case.....	M. Rauschenbusch.....	862,104	July 30	5872	1627	129	2040
Toilet-cas.....	A. Sebald.....	871,242	Nov. 19	2283	598	131	746
Toilet-chair. Folding.....	F. C. Weber.....	857,914	June 25	4821	1021-2	128	3014
Toilet companion.....	S. J. Brown.....	842,443	Jan. 29	5402	1144	126	1531
Toilet cream.....	M. S. Borden.....	853,436	May 14	2147	.....	128	583
Toilet device.....	A. K. Lovell.....	856,482	June 11	2063	424-5	128	2251
Toilet-receptacle.....	H. Emerson.....	858,270	June 25	5533	1182	128	3197
Toilet-seat. Child's.....	E. F. Dwyer and J. V. Conner.....	863,518	Aug. 13	2234	604	129	2811
Toil-box.....	P. E. Oswald.....	846,604	Mar. 12	1907	397-8	127	489
Tone producing and recording instrument.....	H. P. Ball.....	849,453	Apr. 9	1646	333	127	2046
Tone-purifier.....	A. T. E. Wangemann.....	872,592	Dec. 3	579	120-1	131	1257
Tongs.....	H. W. Israel and R. S. Kirk.....	841,528	Jan. 15	3482	751-2	126	977
Tongs. Adjustable-roofing.....	R. Cederstrom.....	856,681	June 11	2451	504	128	2348
Tongs. Blacksmith.....	P. Emrich.....	873,358	Dec. 10	2182	456	131	1544
Tongs. Blacksmith's.....	F. L. Casper.....	875,501	Dec. 31	6510	1358	131	2336
Tongs. Can.....	J. G. Brown.....	859,429	July 9	1726	459	129	613
Tongs. Chain pipe.....	A. A. Potterf.....	858,907	July 2	934	244	129	321
Tongs. Crucible.....	W. R. Ritchie and T. N. Kellett.....	862,512	Aug. 6	689	186	129	2300
Tongs. Grappling.....	W. H. Hewitt.....	851,987	Apr. 30	6598	1375	127	3406
Tongs. Grappling.....	J. L. Sewall.....	859,586	July 9	1961	529	129	688
Tongs. Gripping.....	J. L. Sewall.....	868,945	Oct. 22	2743	757	130	2224
Tongs. Gripping.....	A. Christianson.....	870,713	Nov. 12	1328	364	131	467
Tongs. Gripping.....	A. Christianson.....	870,764	Nov. 12	1423	386-7	131	493
Tongs. Lifting.....	P. Neddo.....	847,200	Mar. 12	2969	654	127	780
Tongs. Nail.....	G. E. Smith.....	850,547	Apr. 16	3711	776	127	2611
Tongs. Pipe.....	E. L. Fesler.....	865,369	Sept. 10	949	272	130	316
Tongs. Pipe.....	A. Heiman.....	867,132	Sept. 24	3646	1036	130	1234
Tongs. Pipe.....	H. H. Maddren.....	874,854	Dec. 24	5186	1092	131	2103
Tongs. Plowshare.....	J. B. Hoffman.....	863,850	Aug. 20	2740	753	129	3003
Tongs. Roofing.....	F. C. McCusker.....	865,930	Sept. 10	1838	514	130	604
Tongs. Shelf.....	B. L. Ward.....	850,409	Apr. 16	3441	721	127	2541
Tongs. Shelf.....	B. L. Ward.....	858,492	July 2	222	52	129	82
Tongue. Adjustable.....	J. T. Ketchledge.....	852,607	May 7	468	87	128	124
Tongue. Adjustable.....	J. P. Neste.....	871,613	Nov. 19	3080	765	131	870
Tongue attachment. Draft.....	O. Ottoson.....	849,563	Apr. 9	1888	385	127	2105
Tongue-depressor.....	G. H. Hill.....	856,257	June 11	1572	330	128	2125
Tongue hound. Wagon.....	C. P. Smith.....	842,033	Jan. 22	4499	967	126	1262
Tongue-iron.....	L. G. Spies.....	859,140	July 2	1279	340	129	432
Tongue or pole. Wagon.....	S. G. Gay.....	875,575	Dec. 31	6638	1389	131	2360
Tongue-regulator.....	J. A. Kearney. (Reissue).....	12,633	Apr. 16	4387	918	127	2781
Tongue-scraper.....	F. D. Lees.....	856,711	June 11	2509	515	128	2363
Tongue-support.....	C. O. Powell.....	851,206	Apr. 23	4997	1050	127	2970
Tongue-support.....	J. L. Hecht.....	852,837	May 7	948	194	128	242
Tongue-support.....	E. C. Ayers.....	853,197	May 7	1646	343	128	416
Tongue-support.....	J. Puffenberger.....	865,935	Sept. 10	1845	518	130	606
Tongue support. Wagon.....	J. C. Lambert.....	840,635	Jan. 8	1710	376	126	482
Tongue supporter. Wagon.....	F. Abrams and W. A. Doyle.....	853,391	May 14	2072	429	128	564
Tongue-switch.....	E. B. Entwistle.....	843,879	Feb. 12	2053	439	126	2341
Tongue-switch.....	E. Lewis.....	869,580	Oct. 29	3750	1026	130	2562
Tongue-truck for agricultural implements.....	J. W. Platt.....	855,807	June 4	700	143	128	1873
Tongue. Vehicle.....	G. I. Haise.....	853,781	May 14	2849	586	128	766
Tongue. Vehicle.....	J. L. Hecht.....	857,278	June 18	3572	755	128	2671
Tongue. Vehicle.....	B. P. Hanson.....	866,130	Sept. 17	2150	598	130	732
Tongue. Wagon.....	H. B. Nolen.....	853,110	May 7	1490	311	128	376
Tonsillotome.....	E. E. Straw.....	856,927	June 11	2888	605	128	2456
Tonsillotome and like instrument.....	R. Taylor.....	859,150	July 2	1292	344	129	436
Tool.....	J. B. Kraus.....	842,098	Jan. 22	4612	990	126	1288
Tool.....	L. Labreck.....	857,077	June 18	3192	672	128	2576
Tool.....	E. Kropat.....	860,098	July 16	2749	750	129	972
Tool.....	E. F. McCarthy.....	864,981	Sept. 3	349	93	130	110
Tool.....	S. A. Campbell.....	870,014	Nov. 5	226	61	131	80
Tool.....	R. Abell.....	870,151	Nov. 5	431	118	131	142
Tool.....	G. H. Goodholm and J. A. Train.....	870,951	Nov. 12	1733	474	131	592
Tool. Adjustable.....	R. T. Johnston.....	852,274	Apr. 30	7164	1503	127	3548
Tool and tool-holder. Compound.....	O. S. Perkins.....	844,043	Feb. 12	2349	503	126	2413
Tool attachment.....	N. C. Christensen.....	860,593	July 16	3490	959	129	1218
Tool cap. Magazine.....	H. J. Aichele.....	858,131	June 25	5285	1122	128	3134
Tool-chest handle.....	H. Cowan.....	869,423	Oct. 29	3488	957	130	2482
Tool. Combination.....	W. McCausland.....	842,806	Jan. 29	6169	1302-3	126	1716
Tool. Combination.....	A. Galperin.....	843,936	Feb. 12	2167	463-4	126	2370
Tool. Combination.....	P. Novak.....	845,009	Feb. 19	4544	968-9	126	2992
Tool. Combination.....	E. F. Chapman.....	849,723	Apr. 9	2170	447	127	2175
Tool. Combination.....	W. E. Robinson.....	850,319	Apr. 16	3270	682	127	2498
Tool. Combination.....	A. Hanley.....	851,351	Apr. 23	5299	1110	127	3047
Tool. Combination.....	H. Brown.....	853,495	May 14	2268	470	128	615

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Tool. Combination.....	R. Madsen.....	853,558	May 14	2389	497	128	646
Tool. Combination.....	D. B. Huffman.....	854,891	May 28	5091	1058	128	1399
Tool. Combination.....	B. F. Bird.....	854,979	May 28	5240	1091	128	1437
Tool. Combination.....	M. C. Raymond.....	855,338	May 28	5955	1242	128	1617
Tool. Combination.....	J. A. Hendrickson.....	857,459	June 18	3905	830	128	2753
Tool. Combination.....	J. T. Slaughter.....	858,228	June 25	5467	1166	128	3181
Tool. Combination.....	G. L. Blair.....	860,122	July 16	2777	758	129	982
Tool. Combination.....	E. Moat.....	860,226	July 16	2941	803	129	1035
Tool. Combination.....	H. G. Ahlberg.....	861,011	July 23	4173	1143	129	1471
Tool. Combination.....	H. F. Loeschner and M. Lesar.....	861,996	July 30	5695	1580	129	1983
Tool. Combination.....	W. Booth.....	862,049	July 30	5760	1600	129	2004
Tool. Combination.....	H. W. Boltz.....	864,153	Aug. 27	3201	886-7	129	3171
Tool. Combination.....	S. J. Sibley.....	864,703	Aug. 27	4078	1133	129	3446
Tool. Combination.....	T. B. Wilkinson.....	866,547	Sept. 17	2744	768	130	919
Tool. Combination.....	A. J. Higgins.....	866,931	Sept. 24	3341	943	130	1142
Tool. Combination.....	J. H. Flora.....	867,118	Sept. 24	3627	1030	130	1229
Tool. Combination.....	R. Campbell.....	867,556	Oct. 1	497	142	130	1468
Tool. Combination.....	M. Hunt.....	868,343	Oct. 15	1770	500	130	1895
Tool. Combination.....	A. Weber.....	869,759	Oct. 29	4023	1111	130	2643
Tool. Combination.....	O. O. Frink and F. W. Scanling.....	870,672	Nov. 12	1270	346	131	447
Tool. Combination.....	C. J. Haeberli.....	871,585	Nov. 19	3026	754	131	861
Tool. Combination.....	F. W. Jackson.....	872,066	Nov. 26	4065	973-4	131	1049
Tool. Combination.....	P. A. Benet.....	872,271	Nov. 26	4464	1060-1	131	1114
Tool. Combination.....	B. A. Mansfield.....	873,571	Dec. 10	2598	547	131	1616
Tool. Combination.....	J. L. Knight.....	874,409	Dec. 24	4324	911	131	1959
Tool. Combined.....	J. H. Chaney.....	871,476	Nov. 19	2808	706	131	825
Tool. Compound.....	J. N. Peterson.....	853,520	May 14	2321	483	128	629
Tool. Compound.....	N. McAslan.....	858,618	July 2	446	117	129	156
Tool. Compound.....	G. F. Walker.....	868,733	Oct. 22	2421	669	130	2124
Tool-driver. Electric.....	A. F. Carver and J. N. Stout.....	852,926	May 7	1144	236	128	991
Tool-driver. Portable.....	W. P. Kidder.....	861,369	July 30	4742	1296	129	1692
Tool. Electrically-heated.....	W. G. Clark.....	858,955	July 2	1008	263	129	346
Tool. Fluid-pressure.....	G. H. Gilman.....	853,921	May 14	3156	645	128	839
Tool. Fluid-pressure-operated.....	C. H. Johnson.....	858,398	July 2	51	15	129	18
Tool. Fluid-pressure-operated.....	H. H. Vaughan.....	870,651	Nov. 12	1238	336	131	438
Tool-guide.....	H. F. Libby.....	859,955	July 16	2525	686	129	899
Tool. Hand-operated.....	W. Broad.....	872,048	Nov. 26	4030	966	131	1043
Tool-handle.....	J. N. Howard.....	844,130	Feb. 12	2514	540	126	2454
Tool-handle.....	J. L. Osgood.....	857,894	June 25	4772	1014	128	3006
Tool-handle.....	E. T. Brown.....	861,498	July 30	4940	1357	129	1752
Tool-handle.....	H. M. Crow.....	875,159	Dec. 31	5838	1219	131	2227
Tool-handle and tool.....	A. F. Ayers.....	861,423	July 30	4835	1326	129	1721
Tool-handle attachment.....	F. P. Newley.....	859,006	July 2	1086	286	129	370
Tool-handle. Detachable.....	J. B. Isabel.....	872,731	Dec. 3	874	181	131	1304
Tool-handle fastener.....	T. J. Cheney.....	851,065	Apr. 23	4706	990	127	2900
Tool-handle fastener.....	O. W. Lundberg.....	852,731	May 7	717	140	128	188
Tool-handle. Pneumatic.....	F. S. Graham.....	856,194	June 4	1431	302	128	2051
Tool-handles. Manufacture of D.....	C. Schmalz and K. Schäffer.....	869,105	Oct. 22	2977	822	130	2297
Tool-heating furnace.....	W. S. Conant.....	851,865	Apr. 30	6352	1325	127	3344
Tool-holder.....	W. Carman.....	842,173	Jan. 29	4905	1026	126	1372
Tool-holder.....	S. S. Fuller.....	851,877	Apr. 30	6368	1328-9	127	3348
Tool-holder.....	A. Munch.....	852,134	Apr. 30	6923	1445	127	3487
Tool-holder.....	D. Craig.....	852,931	May 7	1153	237	128	293
Tool-holder.....	C. W. Meadoweroft, Sr.....	854,100	May 21	3535	730	128	972
Tool-holder.....	M. D. Reidy.....	854,669	May 21	4589	958	128	1241
Tool-holder.....	A. T. Merrell.....	861,381	July 30	4758	1300	129	1697
Tool-holder.....	A. S. Remsberg.....	861,768	July 30	5355	1477	129	1878
Tool-holder.....	G. W. Conklin.....	862,809	Aug. 6	1172	315	129	2442
Tool-holder.....	N. Barry, Jr.....	863,497	Aug. 13	2207	596	129	2804
Tool-holder.....	E. Mueller.....	867,993	Oct. 15	1234	341	130	1733
Tool-holder.....	W. B. Mehl.....	873,953	Dec. 17	3349	713	131	1775
Tool-holder.....	G. Nelson.....	874,027	Dec. 17	3493	743	131	1799
Tool-holder. Adjustable.....	P. F. Connelly.....	872,903	Dec. 3	1235	263	131	1360
Tool-holder and tool. Self-tightening.....	E. S. Costa.....	843,931	Feb. 12	2154	460	126	2368
Tool holder. Cutting.....	F. H. Hummel.....	858,985	July 2	1060	279	129	362
Tool-holder for machine-tools.....	W. L. Clark.....	857,981	June 25	4978	1052	128	3053
Tool. Holding.....	C. Stoller.....	866,313	Sept. 17	2417	674	130	817
Tool-holding device.....	E. A. Muller.....	857,358	June 18	3721	786	128	2708
Tool. Household.....	G. Ulett.....	857,320	June 18	3646	772	128	2690
Tool. Machine.....	A. Wood.....	854,446	May 21	4188	868	128	1143
Tool. Machine.....	F. Müller.....	869,588	Oct. 29	3759	1029-30	130	2565
Tool. Motor-driven hand.....	E. Collins and M. Hearn.....	852,258	Apr. 30	7136	1494	127	3542
Tool-operating device. Automatic.....	A. Clemons and D. W. Pelkey.....	868,967	Oct. 22	2769	764	130	2232
Tool-operating mechanism.....	F. K. Priest.....	853,564	May 14	2401	500	128	649
Tool or utensil. Combination.....	J. R. Hamilton.....	869,706	Oct. 29	3946	1088	130	2621
Tool. Percussive hand.....	H. B. Stocks and J. R. Webb, Jr.....	845,905	Mar. 5	372	76	127	96
Tool. Pneumatic.....	H. Leineweber.....	846,857	Mar. 12	2293	505	127	614
Tool. Pneumatic.....	E. B. Boyer.....	847,043	Mar. 12	2658	586	127	704
Tool. Pneumatic.....	C. H. Haeseler.....	851,624	Apr. 23	5831	1219	127	3177
Tool. Pneumatic.....	C. W. Meadoweroft, Sr.....	853,416	May 14	2107	439	128	573
Tool. Pneumatic.....	H. R. Prindle.....	855,975	June 4	1036	214	128	1955
Tool. Pneumatic.....	W. H. Keller.....	856,706	June 11	2492	512	128	2358
Tool. Pneumatic.....	S. Oldham.....	859,242	July 9	1436	382	129	517
Tool. Pneumatic.....	H. R. Prindle and J. U. Adolph.....	861,382	July 30	4772	1305	129	1701
Tool. Pneumatic.....	W. H. Van Sickle.....	864,484	Aug. 27	3708	1033	129	3334
Tool. Pneumatic.....	F. S. Graham.....	865,337	Sept. 3	888	255	130	268
Tool. Pneumatic.....	H. Leineweber.....	866,370	Sept. 17	2511	700	130	848
Tool. Pneumatic.....	J. H. Templin.....	866,981	Sept. 24	5413	967-8	130	1165
Tool. Pneumatic.....	E. M. Tobin.....	867,856	Oct. 8	961	278	130	1625
Tool. Pneumatic.....	O. W. Thomas.....	870,523	Nov. 5	1021	274	131	329
Tool. Portable pneumatic.....	C. H. Haeseler and A. H. Taylor.....	854,694	May 21	4652	969-71	128	1257
Tool-post.....	C. C. Harris.....	871,798	Nov. 28	3437	844	131	958
Tool-post. Adjustable.....	J. W. Swift.....	852,246	Apr. 30	7116	1489	127	3537
Tool-post die-holder and adjustable threading-die. Combined.....	A. Thompson.....	858,485	July 2	211	49	129	79
Tool. Reciprocating.....	H. J. Kimman.....	855,515	June 4	137	28	128	1729

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Tool-support. Pneumatic	M. Hardsocg	842,656	Jan. 29	5839	1233	126	1636
Tool. Valveless pneumatic	F. S. Graham	871,756	Nov. 19	3340	822	131	914
Tools. Attachment for fishing	D. H. Rathbone	868,809	Oct. 22	2537	699	130	2161
Tools. Automatic feeder for	C. T. Carnahan and J. Murphy	844,247	Feb. 12	2758	587-8	126	2517
Tools. Control and copying device for machine	H. Liebert	845,305	Feb. 26	5156	1094	126	3199
Tools. Controller for electrically-operated machine	J. R. Back	871,199	Nov. 19	2183	580-1	131	731
Tools. Danger-signal for portable electric machine	J. I. Ayer	854,013	May 21	3342	636	128	926
Tools. Testing pneumatic	R. A. Chambers	842,136	Jan. 22	4705	1007	126	1314
Tooth. Artificial	W. O. West	851,578	Apr. 23	5748	1201	127	3160
Tooth. Artificial	E. D. R. Garden	852,266	Apr. 30	7149	1497	127	3545
Tooth. Artificial	J. Ramsperger	854,842	May 28	4969	1034	128	1368
Tooth. Artificial	J. Ramsperger	858,828	July 2	819	212	129	283
Tooth. Artificial	J. Morris	871,430	Nov. 19	2713	686	131	810
Tooth crown and bridgework. Artificial	J. B. Righter	873,789	Dec. 17	3023	642	131	1722
Tooth-crown model	C. F. Lauderdale	853,994	May 21	3285	676	128	912
Tooth-crowns. Contouring gold	F. La Chapelle	865,112	Sept. 3	539	150	130	163
Tooth-fastener	F. Fritz	863,527	Aug. 13	2247	609	129	2815
Tooth-powder retainer	E. R. Godward	853,405	May 14	2092	435	128	568
Tooth-separator	J. W. Ivory	847,778	Mar. 19	4141	904	127	1102
Toothpick	P. Gorut	869,175	Oct. 22	3079	849	130	2329
Toothpick-boxing machine	S. S. and W. W. Tainter and G. P. Stanley	869,993	Nov. 5	191	50	131	67
Toothpick-holder	W. Sandleben	847,828	Mar. 19	4256	932	127	1127
Toothpick-holder	C. H. Sharp	848,693	Apr. 2	145	31	127	1624
Toothpick-machine	W. W. Tainter and G. P. Stanley	848,406	Mar. 26	5403	1178	127	1449
Toothpick-machine	G. P. Stanley and W. W. Tainter	854,116	May 21	3565	735-6	128	979
Toothpick-machine	W. F. Hutchinson	869,573	Oct. 29	3739	1023-4	130	2560
Toothpick-making machine. Wooden	J. H. Nute	853,372	May 14	2039	422	128	555
Toothpick-receptacle	R. Beckmann	863,896	Aug. 20	2813	772	129	3026
Toothpicks. Making	G. P. Stanley and W. W. Tainter	874,131	Dec. 17	3760	791	131	1833
Top	E. W. Gibbs	847,933	Mar. 19	4477	982	127	1182
Top	E. A. Hoen	867,373	Oct. 1	226	65	130	1382
Top. Kaleidoscope	C. V. Cunningham	845,529	Feb. 26	5582	1183	126	3205
Top-roll saddle and stirrup	C. A. Pierce	871,293	Nov. 19	2403	622	131	764
Top. Spinning	H. D. Rapson	858,415	July 2	81	22	129	28
Top-spinning pistol	S. B. Newman	846,047	Mar. 5	665	140	127	170
Tops. Spinning device for whipping	G. Tresenreuter	865,619	Sept. 10	1360	384	130	445
Torch. Blow	F. G. and H. R. Emmelmann	849,220	Apr. 2	1218	247	127	1899
Torch. Marine	P. Fuchs	842,195	Jan. 29	4847	1034	126	1382
Torch. Marine	A. F. J. Johnson	871,997	Nov. 26	3914	944	131	1026
Torpedo. Automobile	G. C. Davison	858,266	June 25	5527	1180-1	128	3195
Torpedo-heater	G. C. Davison	858,156	June 25	5332	1134	128	3145
Torpedo-placer	F. James	870,437	Nov. 5	901	243-4	131	295
Torpedo-placer for railways	A. H. Handlan, Jr.	855,772	June 4	639	131	128	1858
Torpedo-placer. Railway	W. C. Beckwith	867,783	Oct. 8	841	240	130	1591
Torpedo-placing device for railways. Automatic	W. H. Kelley	849,332	Apr. 2	1421	287	127	1949
Torpedo-placing machine	H. W. Simcoe	870,390	Nov. 5	834	221-2	131	274
Torpedo. Railway signal	C. E. Beckwith	850,724	Apr. 16	4061	849	127	2697
Torpedo-tube. Tandem	L. Y. Spear	871,453	Nov. 19	2760	695-6	131	818
Torpedoes. Composition for railway	F. Sparre	850,406	Apr. 16	3437	.....	127	2540
Torpedoes on vessels. Means for carrying and handling	T. J. Moriarty	868,613	Oct. 15	2215	615-16	130	2036
Totalizer	J. Frydman and L. Chambon	859,057	July 2	1154	308-11	129	392
Tow. Treating fibrous	M. H. Colahan	867,704	Oct. 8	721	.....	130	1554
Towage systems. Tractor for electrical	L. Gerard	845,405	Feb. 26	5347	1134-5	126	3235
Towel-wringer	C. M. Reed	874,240	Dec. 17	3984	840	131	1871
Tower and tank	R. B. Tufts	862,035	July 30	5740	1594	129	1996
Tower. Transmission	D. R. Scholes	872,758	Dec. 3	922	192	131	1313
Towers. Base for skeleton	D. R. Scholes	870,053	Nov. 5	281	76	131	96
Towers. Leg foundation for skeleton	R. L. Allen	861,244	July 30	4521	1237	129	1617
Toy	J. N. Whitehouse	840,727	Jan. 8	1889	415	128	526
Toy	P. J. Delzeit, Jr.	840,920	Jan. 8	2271	490	126	621
Toy	J. H. Sharrett	842,027	Jan. 22	4485	963	126	1259
Toy	G. M. Burnett	842,077	Jan. 22	4575	983	126	1279
Toy	W. Haverman	842,659	Jan. 29	5845	1234	126	1637
Toy	W. B. Hill	842,784	Jan. 29	6136	1294	126	1708
Toy	J. E. Bates	843,320	Feb. 5	990	203	126	2040
Toy	P. F. Van Halder	843,642	Feb. 12	1625	344	126	2235
Toy	M. Borchardt	844,577	Feb. 19	3714	780	126	2784
Toy	J. Griffin	844,793	Feb. 19	4146	883	126	2895
Toy	A. D. Bennett	845,846	Mar. 5	222	46	127	55
Toy	E. W. Brimmer	846,449	Mar. 12	1481	328	127	404
Toy	W. V. Gilbert	846,560	Mar. 12	1696	374-5	127	460
Toy	F. O'Flaherty	847,499	Mar. 19	3560	780	127	956
Toy	W. T. Wood	847,715	Mar. 19	4016	878	127	1073
Toy	W. Stevens	849,280	Apr. 2	1324	268	127	1926
Toy	W. H. Jackson	849,619	Apr. 9	1989	407	127	2129
Toy	C. L. Wood	849,953	Apr. 9	2594	539	127	2284
Toy	M. Allen	851,151	Apr. 23	4878	1026	127	2942
Toy	J. Soss	851,782	Apr. 30	6170	1287	127	3295
Toy	F. Wheeler	852,363	Apr. 30	7333	1541	127	3590
Toy	W. T. Keefer	852,388	Apr. 30	7395	1552	127	3605
Toy	W. Klinge	853,091	May 7	1454	304-5	128	368
Toy	W. H. Pearson and R. A. Wernau	853,730	May 14	2759	567-8	128	742
Toy	A. Ueberle	854,545	May 21	4362	903	128	1183
Toy	D. P. James	854,646	May 21	4547	949	128	1230
Toy	H. J. Wood	855,919	June 4	931	192	128	1929
Toy	F. J. McCormack	857,097	June 18	3238	681	128	2586
Toy	M. Perez	857,198	June 18	3431	723	128	2635
Toy	J. R. Patterson	857,481	June 18	3954	840	128	2765
Toy	W. F. Schoenhut	858,221	June 25	5452	1163	128	3177
Toy	C. L. Varner	858,689	July 2	570	148	129	197
Toy	H. C. Stanley	859,261	July 9	1461	390	129	526
Toy	E. J. Roberts	860,939	July 23	4039	1106	129	1428
Toy	C. Ruhlin	861,676	July 30	5209	1431	129	1836
Toy	H. C. Moore	861,753	July 30	5323	1469	129	1868

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Toy	F. M. Pittman	862,015	July 30	5715	1586	129	1989
Toy	T. I. Temple	864,214	Aug. 27	3292	913	129	3201
Toy	J. Heltzel	865,246	Sept. 3	732	210	130	220
Toy	J. Brown	865,564	Sept. 10	1272	360	130	416
Toy	J. K. Allen	867,226	Oct. 1	1	1	130	1317
Toy	H. P. Wysard	868,150	Oct. 15	1459	411	130	1802
Toy	P. A. Webb	870,146	Nov. 5	422	117	131	139
Toy	G. R. Floyd	870,424	Nov. 5	882	237	131	291
Toy	D. S. Green	871,399	Nov. 19	2635	673	131	800
Toy	J. F. Jeckert	871,701	Nov. 19	3228	799	131	896
Toy	H. M. Robinson	871,823	Nov. 26	3498	856-7	131	966
Toy	L. E. McLaughlin and R. J. Parsons.	874,526	Dec. 24	4569	958	131	1996
Toy	C. G. Fuchs	874,840	Dec. 24	5160	1087	131	2099
Toy	V. Sumerlin	874,873	Dec. 24	5230	1102	131	2109
Toy. Advertising	J. Bauno	869,686	Oct. 29	3918	1078	130	2613
Toy. Advertising	O. P. Reinke	871,628	Nov. 19	3107	771	131	874
Toy. Aerial	G. W. Morton	862,094	July 30	5857	1623-4	129	2035
Toy aerial swing	H. G. Hawekotte and H. W. Klausmann.	872,511	Dec. 3	399	84	131	1231
Toy air-ship	W. J. Remaly	870,047	Nov. 5	271	74	131	93
Toy and other device	C. H. Foster	871,264	Nov. 19	2327	607	131	754
Toy animal	C. Sackman	844,619	Feb. 19	3780	797	126	2800
Toy animal	L. E. Coleman and W. H. Spake.	846,009	Mar. 5	591	123	127	151
Toy animal	F. K. T. Meinecke	858,090	June 25	5214	1105	128	3116
Toy automobile	A. C. Cooke	840,913	Jan. 8	2258	496-7	126	617
Toy badge	J. J. Meehan	869,792	Oct. 29	4072	1124	130	2657
Toy bank	C. A. Bailey	844,910	Feb. 19	4360	931	126	2947
Toy bank	H. Thumann	849,757	Apr. 9	2237	459	127	2194
Toy battle-ship	W. T. Wood	840,409	Jan. 1	1257	275	126	330
Toy blocks. Nested	J. H. Price	850,490	Apr. 16	3606	75	127	2582
Toy-car coupling and buffer	W. R. Haberlin	875,519	Dec. 31	6540	1364	131	2342
Toy combination savings-bank	E. Headley	863,603	Aug. 20	2375	651	129	2885
Toy crossbow	O. H. Sawdy	840,015	Jan. 1	438	95	126	118
Toy. Dancing	H. W. Thornton	845,985	Mar. 5	538	112	127	138
Toy. Detonating	J. C. Wood	840,983	Jan. 8	2385	522-3	126	649
Toy. Detonating	T. B. Wilkinson and F. G. Dieterich.	846,884	Mar. 12	2352	517	127	630
Toy. Explosive	M. Armstrong and A. A. Coup	857,008	June 18	3051	643	128	2537
Toy. Figure	T. J. Livingston	843,024	Feb. 5	375	82	126	1887
Toy. Figure	A. R. Reihing	852,297	Apr. 30	7201	1512	127	2557
Toy. Figure	W. H. Chandlee	854,271	May 21	3860	797	128	1057
Toy fireplace	R. I. Hepburn	856,060	June 4	1169	247	128	1988
Toy gun	I. C. Woodward	840,888	Jan. 8	2202	485	126	603
Toy gun	A. D. Middleton	849,554	Apr. 9	1876	382	127	2102
Toy gun	D. W. Johnson	859,562	July 9	1926	519	129	677
Toy gun	W. G. Lee	862,979	Aug. 13	1417	385	129	2554
Toy hod	J. A. Weitzel	858,770	July 2	702	186	129	244
Toy ladder-truck	H. T. Kingsbury	844,875	Feb. 19	4295	916-17	126	2932
Toy ladder-truck	H. T. Kingsbury	844,876	Feb. 19	4297	917	126	2933
Toy ladder-truck	H. T. Kingsbury	844,877	Feb. 19	4300	917-18	126	2934
Toy lantern	J. C. Tyndall	848,938	Apr. 2	667	134	127	1758
Toy. Mechanical	T. V. Field	862,625	Aug. 6	882	236	129	2358
Toy novelty	L. Lamprey	854,224	May 21	3786	781	128	1039
Toy or advertising novelty	A. Appel	852,153	Apr. 30	6950	1451	127	3494
Toy. Pneumatic	J. H. Flora	847,755	Mar. 19	4098	895	127	1091
Toy puzzle	D. H. Martin	861,136	July 23	4348	1192	129	1529
Toy-railway crossover	W. R. Haberlin	851,514	Apr. 23	5608	1174	127	2122
Toy-railway signal and switch	W. R. Haberlin	875,429	Dec. 31	6378	1329	131	2314
Toy-railway-train stop and signal	C. A. Hotchkiss	874,009	Dec. 17	3457	736-7	131	1793
Toy-railway turn-table	E. F. Slattery	873,962	Dec. 17	3363	716-17	131	1778
Toy railway-vehicles. Means for stopping and releasing	E. Sollmann	851,843	Apr. 30	6303	1315	127	3331
Toy-rapid-fire gun	G. P. Campbell	844,994	Feb. 19	4499	959-60	126	2983
Toy. Sand-mill	T. A. Bramberry	857,865	June 25	4713	1000	128	2988
Toy savings-bank	H. C. Lampe, Jr.	855,406	May 28	6068	1268	128	1646
Toy-sewing-machine treadle attachment	C. B. Repp	859,779	July 9	2253	612	129	783
Toy signal and train-stopping device	W. R. Haberlin	875,427	Dec. 31	6375	1328	131	2313
Toy snake	S. Sillman	862,206	Aug. 6	157	45	129	2193
Toy structure. Knockdown	A. Schoenhut	842,712	Jan. 29	5988	1262-3	126	1673
Toy swing	H. T. Kingsbury	872,069	Nov. 26	4069	975	131	1050
Toy telegraph-pole, base, and reel	W. R. Haberlin	875,428	Dec. 31	6376	1329	131	2313
Toy train	A. W. Benson	850,514	Apr. 16	3657	764	127	2586
Toy train	J. W. Bates	864,222	Aug. 27	3300	915	129	3204
Toy. Transformable	M. A. Glen	855,944	June 4	971	202	128	1939
Toy. Trundling	H. Stubert	874,134	Dec. 17	3765	793	131	1834
Toy vehicles. Starting and stopping device in	K. Hess	859,788	July 9	2229	606	129	776
Trace	W. H. Failor	849,668	Apr. 9	2078	427	127	2152
Trace-carrier	O. B. Hitchcock and J. L. Wilson.	856,639	June 11	2374	488	128	2330
Trace-carrier	O. T. Olson	864,331	Aug. 27	3461	964	129	3251
Trace-clip	C. A. Gunzelmon	861,829	July 30	5454	1503	129	1909
Trace-fastener	J. W. Simonds	845,273	Feb. 26	5078	1079	126	8171
Trace-fastener	A. W. Frye and F. S. Green.	848,359	Mar. 26	5310	1158	127	1425
Trace-fastener	S. B. Field	857,986	June 25	4986	1053	128	3058
Trace-fastener. Whiffletree	T. A. Hendrick	874,590	Dec. 24	4684	984	131	2017
Trace-fastening device	C. M. Lehman	847,417	Mar. 19	3406	745	127	918
Trace-fastening device for whiffletrees	I. B. Martin	848,596	Mar. 26	5766	1259	127	1540
Trace. Harness	C. F. Knapp	862,921	Aug. 13	1331	363	129	2527
Trace-holder	T. B. Smith	852,353	Apr. 30	7307	1536	127	3583
Trace-holder	T. Thompson	858,922	July 2	953	249	129	327
Trace-holder	S. E. Harsh	864,302	Aug. 27	3419	951	129	3229
Trace-holder	W. L. Richardson	867,603	Oct. 8	582	165	130	1511
Trace-hook	H. Applegate	865,224	Sept. 3	707	201	130	213
Trace loop or buckle	J. P. Heiser	853,879	May 14	3065	628	128	816
Trace-shield	J. E. Martin	857,085	June 18	3215	676	128	2580
Tracing implement	J. Garret	874,583	Dec. 24	4673	982	131	2015

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Tracing or marking tool	A. E. Jones	846,569	Mar. 12	1722	379	127	467
Track-aligning apparatus	F. B. Shaw and J. M. Eberle	855,733	June 4	569	117	128	1842
Track-channeler. Electropneumatic	A. H. Gibson	860,208	July 16	2911	795-6	129	1025
Track-cleaner	D. R. Edwards	854,409	May 21	4110	851	128	1123
Track-cleaner	W. Fraser	866,453	Sept. 17	2617	731	130	883
Track construction	J. W. Leahy	846,799	Mar. 12	2172	477-8	127	583
Track-drill. Ball-bearing	C. E. Nelson	870,194	Nov. 5	505	138	131	165
Track-fastening	W. T. Brown	845,215	Feb. 26	4956	1053	126	3140
Track-fastening device	L. H. Bowman	856,442	June 11	1997	411	128	2235
Track-gage	E. W. Fordyce	874,373	Dec. 17	4242	893	131	1914
Track gage and level	L. Barceloux	842,379	Jan. 29	5249	1114	126	1488
Track-grinder	W. W. Annable	872,493	Dec. 3	370	77	131	1226
Track-laying device	C. W. Burton	842,855	Feb. 5	29	5-6	126	179
Track-laying machine	W. M. Saxton, P. J. Henselwood, and A. A. Johnson	866,390	Sept. 17	2533	706	130	854
Track lifting, leveling, ballasting, and tamping machine.	C. I. Amey	857,572	June 25	4145	878-9	128	2844
Track-motor	F. J. Ritter	864,032	Aug. 20	2998	829	129	3080
Track-moving apparatus	L. L. McCullough	860,761	July 23	3768	1033	129	1339
Track. Portable sectional	B. C. Buxton	873,716	Dec. 17	2873	611	131	1698
Track-sander	G. Nugent	856,983	June 11	2997	630	128	2484
Track-sander	J. M. Smith	867,434	Oct. 1	308	90	130	1409
Track-sander	J. M. Smith	875,631	Dec. 31	6858	1431	131	2379
Track-sander. Pneumatic	J. H. Watters	862,952	Aug. 13	1383	376	129	2544
Track-sander. Pneumatic	H. Rau, Jr.	865,941	Sept. 10	1852	520	130	609
Track-sander. Pneumatic	H. Rau, Jr.	865,942	Sept. 10	1854	520-1	130	609
Track-sanding apparatus	F. L. Robinson and J. McCabe	844,618	Feb. 19	3778	797	126	2799
Track-sanding device	J. H. Hanlon	841,144	Jan. 15	2739	598	126	786
Track-sanding device	A. A. Churchill	856,765	June 11	2602	534	128	2388
Track-sanding device	S. A. Piper	858,021	June 25	5063	1071	128	3076
Track-shifting machine	W. G. Bierd	853,948	May 21	3230	662	128	897
Track-spreading signal	I. M. Bond	857,436	June 18	3862	821	128	2742
Track-switch	J. A. Meredith	859,096	July 2	1206	324	129	407
Tracker-bar	J. A. Le Cato	858,727	July 2	633	166	129	219
Tracker-bar	J. Hattener	873,545	Dec. 10	2543	537	131	1607
Tracker-bar. Pneumatic	P. Wuest, Jr.	844,986	Feb. 19	4484	956	126	2980
Tracker-board	J. Binnig	858,782	July 2	723	190	129	250
Tracker-board. Sectional	H. M. Smith	862,289	Aug. 6	301	84	129	2176
Traction and lawn-rolling roller	W. H. Coldwell	865,162	Sept. 3	603	169-70	130	183
Traction apparatus. Electric	A. Zehden. (Reissue)	12,700	Oct. 1	515	147-8	130	1473
Traction-apron	J. B. Hill	866,647	Sept. 24	2907	818-19	130	1000
Traction attachment for moving objects	G. G. Schroeder	870,472	Nov. 5	947	259	131	308
Traction device for vehicle-wheels	H. S. Weaver	841,473	Jan. 15	3376	729	126	948
Traction-engine	W. N. Springer	842,589	Jan. 29	5693	1204-5	126	1600
Traction-engine	M. J. Hogan	842,786	Jan. 29	6138	1295-6	126	1709
Traction-engine	W. N. Springer	842,840	Jan. 29	6237	1316-17	126	1733
Traction-engine	L. Y. Keibler	857,180	June 18	3393	716	128	2625
Traction-engine	A. S. Wysong	857,509	June 18	4010	853-4	128	2780
Traction-engine	P. Swenson	862,214	Aug. 6	169	47-8	129	2136
Traction-engine	G. D. Loomis	866,042	Sept. 17	2019	563	130	691
Traction-engine	H. Holt	874,008	Dec. 17	3452	735-6	131	1793
Traction-engine	E. D. Huston	874,593	Dec. 24	4686	985	131	2018
Traction-engine. Rack	P. Montsabre	865,605	Sept. 10	1325	376-9	130	431
Traction-machine	G. W. McGill	867,828	Oct. 8	921	263	130	1615
Traction-motor	F. L. Emerson	872,648	Dec. 3	686	143-4	131	1276
Traction-operated implements. Attachment for	G. O. Helvig and E. Danielson	867,368	Oct. 1	220	63	130	1379
Traction-roll mechanism	D. Crane	843,519	Feb. 5	1361	286	126	2133
Traction system. Electric	A. Churchward	851,799	Apr. 30	6198	1295	127	3304
Traction-varying device	B. Beskow	873,709	Dec. 17	2859	608	131	1695
Traction-wheel	A. E. Glascock	841,507	Jan. 15	3450	743	126	969
Traction-wheel	J. McNeal	846,689	Mar. 12	1957	430	127	528
Traction-wheel	E. Einfeldt	852,830	May 7	935	191	128	239
Traction-wheel	E. Einfeldt	852,831	May 7	937	192	128	239
Traction-wheel	C. M. Bell and F. E. Noel	860,119	July 16	2773	757	129	980
Traction-wheel	J. R. Golden	861,457	July 30	4890	1340	129	1734
Traction-wheel	Z. Gillespie	862,553	Aug. 6	773	206	129	2323
Traction-wheel	I. Mitchell	865,416	Sept. 10	1016	291	130	337
Traction-wheel	A. M. Anderson and C. Quesnell	866,414	Sept. 17	2564	716	130	865
Traction-wheel	A. E. Glascock	870,163	Nov. 5	445	123	131	146
Traction wheel and rail	M. C. Carr and C. R. Bohannon	848,442	Mar. 26	5470	1192	127	1467
Traction-wheel. Power-generating	M. C. Sharpneck	852,301	Apr. 30	7209	1513	127	3559
Traction-wheel. Walking	J. W. Wooley	861,625	July 30	5140	1410	129	1816
Tractor	F. E. Beadle	846,772	Mar. 12	2117	465-6	127	569
Train-blocking system. Automatic	B. Beskow	851,055	Apr. 23	4089	985-6	127	2895
Train-controlling apparatus	C. E. Roehl	851,776	Apr. 30	6148	1284	127	3290
Train-controlling apparatus	J. L. Jones	863,540	Aug. 13	2264	614	129	2821
Train-controlling means	W. Germiner	870,427	Nov. 5	885	238-9	131	292
Train-despatching system	E. Renaud	873,605	Dec. 10	2663	560-2	131	1628
Train-lighting system. Battery	C. E. Scribner	843,039	Feb. 5	399	87	126	1893
Train-lighting system. Electric	F. A. Decker	873,732	Dec. 17	2920	620	131	1703
Train-line connection	W. Scribner	871,826	Nov. 26	3510	858	131	968
Train-operated mechanism for opening and closing doors	F. Hammer	863,844	Aug. 20	2729	752	129	3000
Train-order check system	P. L. Robertson	870,689	Nov. 12	1293	353-4	131	454
Train-order delivery	W. R. Scott	861,322	July 30	4656	1272-3	129	1664
Train-order delivering and receiving apparatus	S. T. Harvel	860,803	July 23	3831	1050	129	1361
Train-order device	W. T. Long	857,641	June 25	4275	903	128	2878
Train-order holder	J. C. Neel, Jr.	866,213	Sept. 17	2265	632	130	769
Train-order signal	A. D. Knapp	868,994	Oct. 22	2816	775	130	2248
Train-protecting device. Automatic	W. C. Reynolds	843,175	Feb. 5	685	143	126	1967
Train-report. Self-transcribing conductor's	E. Unverricht	869,398	Oct. 29	3449	947	130	2470
Train signal and indicating apparatus. Combined	G. E. Taylor	849,756	Apr. 9	2235	458-9	127	2193
Train signal and indicating apparatus. Combined	W. A. and B. S. H. Harris	846,305	Mar. 5	1162	254-5	127	294
Train-stop. Automatic	W. A. and B. S. H. Harris	846,306	Mar. 5	1164	255	127	294
Train-stop. Automatic	F. B. Corey	851,800	Apr. 30	6202	1295	127	3305
Train-stop. Automatic	H. G. Sedgwick	864,866	Sept. 3	164	46	130	52

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Train-stop. Automatic electrical.....	H. G. Sedgwick.....	852,627	May 7	504	93-4	128	132
Train-stop. Automatic electrical.....	H. G. Sedgwick.....	852,628	May 7	509	94-5	128	133
Train-stop. Automatic electrical.....	H. G. Sedgwick.....	852,635	May 7	524	98-100	128	137
Train-stop. Electrical.....	H. G. Sedgwick.....	852,631	May 7	516	96	128	135
Train-stop. Electrical.....	H. G. Sedgwick.....	852,632	May 7	517	97	128	136
Train-stop. Electrical.....	H. G. Sedgwick.....	852,634	May 7	523	98	128	137
Train-stopping apparatus.....	H. G. Sedgwick.....	852,633	May 7	518	97	128	136
Train-stopping device.....	G. J. Gumm.....	860,464	July 16	3298	901-2	129	1154
Train-ventilating apparatus.....	J. A. Shires.....	841,460	Jan. 15	3348	723	126	941
Train-ventilating system.....	J. H. Elward.....	846,097	Mar. 5	780	163	127	199
Trains. Automatic safety controlling means for.....	D. S. Affleck.....	867,331	Oct. 1	156	46-8	130	1360
Trains. Device for transferring passengers to and from moving.....	F. S. See.....	866,524	Sept. 17	2711	758	130	910
Training device.....	V. Pilia and H. Booker.....	875,377	Dec. 31	6267	1307-8	131	2297
Training-machine.....	E. Brown.....	843,389	Feb. 5	1100	228	126	2068
Trammel for animals.....	W. D. Edmonds.....	858,165	June 25	5354	1138	128	3151
Trams. Means for locking or braking the wheels of pit-.....	E. J. Woodhouse.....	863,048	Aug. 13	1518	412	129	2587
Tramway.....	F. Wolff.....	873,974	Dec. 17	3391	722	131	1783
Tramway. Aerial.....	O. J. Davy and E. H. Becker.....	859,751	July 9	2209	599-600	129	768
Tramway. Aerial.....	O. J. Davy and E. H. Becker.....	860,736	July 23	3728	1021-2	129	1327
Tramway. Aerial.....	W. S. Gemmer and E. J. Schleicher.....	867,497	Oct. 1	402	115-16	130	1438
Tramway and other points and the like. Means or device for operating.....	J. R. Peacock.....	857,533	June 18	4060	863	128	2795
Tramway and other points and the like. Means or device for operating.....	J. R. Peacock.....	857,534	June 18	4062	863	128	2795
Tramway-switch.....	R. H. Carlisle.....	850,294	Apr. 16	3220	671	127	2482
Tramway-switch.....	M. C. Matthews.....	856,715	June 11	2513	516	128	2364
Tramways and the like. Point-shifter for.....	G. D. A. Parr.....	867,528	Oct. 1	454	130-1	130	1455
Transfer mechanism.....	H. W. Blaisdell.....	845,745	Mar. 5	20	4-5	127	8
Transfer mechanism.....	H. A. Farrand.....	858,863	July 2	874	227	129	300
Transformer.....	W. S. Moody.....	840,150	Jan. 1	735	160	126	200
Transformer.....	H. P. Davis and F. Conrad.....	841,076	Jan. 8	2580	565	126	700
Transformer.....	C. E. Allen and S. R. Bergman.....	850,714	Apr. 16	4046	846	127	2694
Transformer.....	W. J. Wooldridge.....	850,863	Apr. 16	4331	908	127	2766
Transformer.....	J. J. Frank.....	853,778	May 14	2844	585	128	765
Transformer.....	M. O. Troy.....	853,843	May 14	2983	612	128	797
Transformer.....	C. E. Allen.....	861,073	July 23	4256	1166	129	1497
Transformer.....	J. J. Frank.....	873,036	Dec. 10	1539	322	131	1439
Transformer.....	L. C. Nichols.....	873,166	Dec. 10	1794	376-7	131	1481
Transformer.....	J. Coates.....	873,721	Dec. 17	2900	615	131	1700
Transformer-coil support.....	C. E. Skinner.....	854,311	May 21	3931	811	128	1077
Transformer-controlling-switch.....	M. O. Troy.....	851,786	Apr. 30	6175	1289	127	3297
Transformer-cooling means.....	F. Darlington.....	854,277	May 21	3873	799	128	1062
Transformer-cooling means.....	C. E. Skinner and S. M. Kintner.....	854,312	May 21	3933	812	128	1078
Transformer-core.....	J. J. Frank.....	852,712	May 7	682	132	128	178
Transformer-core.....	W. A. Hall.....	861,029	July 23	4199	1150	129	1479
Transformer. Electric.....	J. Murgas.....	848,676	Apr. 2	108	24	127	1612
Transformer. Electric.....	I. Anderson.....	862,532	Aug. 6	735	196	129	2312
Transformer. Electrical.....	J. D. Hilliard.....	857,062	June 18	3165	666	128	2570
Transformer. High-voltage.....	J. B. Taylor.....	854,774	May 28	4833	1004	128	1333
Transformer. Steam.....	S. Otis.....	840,158	Jan. 1	748	163	126	203
Transformer. Steam.....	S. Otis.....	869,454	Oct. 29	3541	970	130	2499
Transformer. Three-phase.....	J. J. Frank.....	853,773	May 14	2845	585	128	766
Transformer. Variable-voltage.....	E. F. Gehrkins.....	851,743	Apr. 30	6097	1274	127	3276
Transformer. Variable-voltage.....	T. M. Bains, Jr.....	865,985	Sept. 17	1932	540	130	665
Transformers. Dial-switch for regulating.....	H. I. Washburn.....	861,004	July 23	4163	1140-1	129	1468
Transformers. Protective device for.....	E. A. Wagner.....	861,003	July 23	4162	1140	129	1468
Transformers. Protective device for series.....	C. E. Eveleth.....	863,163	Aug. 13	1714	461	129	2649
Transit.....	M. Munzner.....	856,979	June 11	2988	627	128	2482
Transit. Engineer's.....	J. A. Early.....	840,323	Jan. 8	2275	500	126	621
Transmission and speed-changing mechanism.....	E. Schmidt.....	873,903	Dec. 17	3253	694	131	1760
Transmission device.....	O. and H. Matthei.....	869,501	Oct. 29	3615	991	130	2521
Transmission device. Wire-rope.....	E. Y. Knapp.....	859,670	July 9	2094	565	129	731
Transmission-lines. Protection of parallel.....	A. Fjare.....	848,982	Apr. 2	740	150	127	1776
Transmission-lines. Protective apparatus for parallel.....	H. P. Davis and F. Conrad.....	840,479	Jan. 8	1400	310	126	404
Transmission mechanism.....	F. Strickland.....	844,210	Feb. 12	2681	574	126	2498
Transmission mechanism.....	J. J. Troeger.....	844,217	Feb. 12	2694	576	126	2500
Transmission mechanism.....	J. O. Hobbs.....	848,368	Mar. 26	5324	1160	127	1428
Transmission mechanism.....	G. S. Comstock.....	848,635	Apr. 2	26	6	127	1591
Transmission mechanism.....	G. A. Weaver.....	849,949	Apr. 9	2588	538	127	2283
Transmission mechanism.....	S. Lippert.....	856,272	June 11	1602	335	128	2132
Transmission mechanism.....	F. J. Pond.....	859,975	July 16	2548	693	129	907
Transmission mechanism.....	G. H. Wood.....	861,069	July 23	4250	1165	129	1495
Transmission mechanism.....	E. T. Alber.....	863,341	Aug. 13	1986	535	129	2735
Transmission mechanism.....	G. D. Munsing.....	868,797	Oct. 22	2521	694-5	130	2155
Transmission mechanism.....	S. C. Carter.....	875,321	Dec. 31	6157	1285	131	2278
Transmission mechanism. Interlocking.....	J. H. Laird.....	872,520	Dec. 3	422	88	131	1234
Transmission of induced impulses.....	I. Kitsee.....	861,126	July 23	4338	1189	129	1526
Transmission. Wireless.....	H. A. Yarnell.....	858,554	July 2	326	80	129	118
Transmitter.....	R. Hansen.....	872,284	Nov. 26	4491	1066	131	1119
Transmitter. Breast.....	J. A. Birsfield.....	853,337	May 14	1973	408	128	539
Transmitter-front.....	A. H. Weiss.....	847,449	Mar. 19	3470	760	127	933
Transmitting mechanism.....	F. S. Keyes.....	852,883	May 7	1059	218	128	271
Transmitting mechanism.....	J. A. Papot.....	854,176	May 21	3678	761	128	1008
Transmitting system. Selective.....	J. L. Hall.....	843,746	Feb. 12	1796	383	126	2278
Transom-lifter.....	L. C. Smith.....	855,260	May 28	5818	1213	128	1584
Transom-lifter.....	H. Osborne.....	856,288	June 11	1644	341	128	2143
Transom-lifter.....	T. Rolley.....	875,214	Dec. 31	5951	1239	131	2246
Transom-lifter.....	F. J. Chell.....	875,322	Dec. 31	6165	1285	131	2278
Transom trunnion mechanism.....	G. O. Smith.....	864,759	Aug. 27	4159	1154	129	3470
Transparency.....	P. E. Collins.....	862,054	July 30	5766	1602	129	2005
Transparency.....	P. E. Collins.....	862,055	July 30	5767	1602	129	2005
Transparency.....	P. E. Collins.....	873,020	Dec. 10	1505	314	131	1433
Transportation device.....	C. L. Tripp.....	845,207	Feb. 26	4945	1049	126	3137
Transportation system.....	F. S. Smith.....	859,018	July 2	1100	292-3	129	375

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Transportation system. Electric.....	F. S. Smith.....	859,019	July 2	1103	293	129	377
Transporting device. Automatic.....	W. C. Carr.....	851,649	Apr. 30	5905	1234-5	127	3227
Trap:							
<i>See</i> Animal-trap. Insect-trap.							
Antisiphon-trap. Liquid-trap.							
Bait-trap. Minnow-trap.							
Basin-trap. Mosquito-trap.							
Bath-tub trap. Mouse-trap.							
Bedbug-trap. Nest-trap.							
Beehive-trap. Plumber's trap.							
Boiler-trap. Rat and mouse trap.							
Creosote-trap. Roach-trap.							
Double-flange trap. Sand-trap.							
Drainage-trap. Seal-trap.							
Fish-trap. Sewer-trap.							
Fly-trap. Steam-trap.							
Game-trap. Target-trap.							
Gas-trap. Target-throwing trap.							
Gopher-trap. Waste-trap.							
Gun-trap.							
Trap.....	H. J. Houtsinger and H. A. Stil- son.	849,070	Apr. 2	911	186-7	127	1820
Trap.....	H. Yturri.....	850,510	Apr. 16	3645	762	127	2592
Trap.....	W. E. Maull.....	850,666	Apr. 16	3955	826	127	2673
Trap.....	K. R. Marks.....	858,007	June 25	5039	1065	128	3071
Trap.....	L. H. Pleins.....	858,306	June 25	5594	1196-7	128	3212
Trap.....	W. R. Bonnell.....	859,540	July 9	1883	506	129	663
Trap.....	W. C. Hooker.....	866,862	Sept. 24	3235	910	130	1103
Trap.....	G. W. Leavenworth.....	867,920	Oct. 8	1073	304	130	1661
Trap.....	L. A. Cornelius.....	869,625	Oct. 29	3720	1045	130	2584
Trap.....	C. E. Self.....	874,120	Dec. 17	3743	787	131	1830
Trap.....	W. H. Harden.....	874,335	Dec. 17	4166	877-8	131	1901
Trap-adjuster.....	F. H. Crago.....	860,639	July 23	3586	983	129	1283
Trap and target shooting apparatus.....	S. M. McCloud.....	858,895	July 2	914	239-40	129	315
Trap-doorabutmentandlocking member. Combined.	H. Pearson.....	874,426	Dec. 24	4360	917	131	1965
Trap, holder, and chute for live stock. Combined.	W. E. Willhoit.....	850,197	Apr. 16	3048	638	127	2435
Trap or water seal.....	J. J. Wade.....	871,836	Nov. 26	3531	864	131	972
Trap-setter.....	P. Engen.....	875,510	Dec. 31	6525	1361	131	2339
Traveling-bag.....	A. Kahlow.....	860,806	July 23	3835	1051	129	1362
Traveling-bag handle-fastening.....	A. Kahlow.....	860,805	July 23	3835	1051	129	1362
Traveling carrier.....	D. M. Motherwell.....	845,884	Mar. 5	323	65-7	127	83
Tray.....	J. B. Arthur.....	847,147	Mar. 12	2844	628	127	749
Tray.....	J. Greenhouse.....	855,565	June 4	230	45	128	1755
Tray. Instrument.....	W. G. Hullhorst.....	846,030	Mar. 5	632	133	127	163
Tray. Revolving.....	J. Richter.....	846,948	Mar. 12	2481	547	127	660
Tray. Serving.....	C. A. Weiss.....	844,219	Feb. 12	2701	576	126	2503
Tray. Serving.....	C. D. Mitchell.....	875,549	Dec. 31	6595	1378	131	2351
Tread for steps. Safety.....	W. S. Lamson.....	875,440	Dec. 31	6395	1333	131	2317
Tread. Safety.....	L. L. Bellatty.....	866,423	Sept. 17	2576	719	130	869
Treadle-motor.....	C. Stambaio.....	845,377	Feb. 26	5299	1124	126	3224
Treating materials.....	C. W. Volney.....	874,265	Dec. 17	4033	853	131	1878
Tree:							
<i>See</i> Boot-tree. Pneumatic tree.							
Boot and shoe tree. Shoe-tree.							
Fireproof Christmas tree. Truss-braced tree.							
Imitation tree. Ventilating-tree.							
Tree.....	M. D. Berry.....	849,363	Apr. 9	1490	302	127	2002
Tree-felling machine.....	J. O. Rollins.....	842,249	Jan. 29	4959	1058-9	126	1408
Tree-felling machine.....	A. V. Snow.....	846,869	Mar. 12	2317	509	127	621
Tree-protector.....	J. H. Bierbaum.....	862,698	Aug. 6	991	265	129	2388
Trees. Grafting.....	F. Keiser.....	869,493	Oct. 29	3600	986	130	2516
Treeing-iron.....	C. W. Richards.....	871,184	Nov. 19	2152	575	131	726
Trellis.....	C. I. J. Barker.....	870,864	Nov. 12	1578	434	131	543
Trench-sheeting.....	A. W. Fitzgerald.....	841,773	Jan. 22	3979	859	126	1135
Trench-shovel.....	E. J. Nelson.....	840,862	Jan. 8	2145	474	126	588
Trepan.....	R. Velasco.....	847,133	Mar. 12	2819	622	127	742
Trestle.....	J. M. Normand.....	840,360	Jan. 1	1165	253	126	308
Trestle.....	D. P. Chesebro.....	841,931	Jan. 22	4294	926	126	1213
Trestle.....	J. C. Scoggins.....	860,943	July 23	4046	1108	129	1430
Trestle.....	J. G. Breckenridge.....	861,496	July 30	4939	1356	129	1751
Trestle. Adjustable.....	W. L. Milner.....	841,418	Jan. 15	3275	706	126	922
Trestle. Adjustable.....	C. H. Thomas.....	860,161	July 16	2838	775	129	1004
Trestle. Knockdown.....	J. Fietsam.....	862,725	Aug. 6	1034	277	129	2401
Trestle. Knockdown.....	J. Fravel.....	872,722	Dec. 3	856	177	131	1301
Trial-frames. Device for supporting.....	J. P. Weaver.....	846,708	Mar. 12	1986	437	127	534
Triangle. Adjustable.....	H. O. Field and C. Mörk.....	861,507	July 30	4951	1360	129	1756
Triangle. Adjustable.....	H. O. Field and C. Mörk.....	861,581	July 30	5070	1391	129	1794
Triangle, straight-edge, and like instrument. Drafts- man's.	W. S. Weston.....	864,396	Aug. 27	3557	988	129	3282
Trigger mechanism.....	F. A. De Land.....	853,229	May 14	1744	362	128	474
Trigger mechanism. Single.....	A. Raus.....	870,318	Nov. 5	699	188-9	131	229
Trimmer:							
<i>See</i> Hair-trimmer. Pie-trimmer.							
Hedge-trimmer. Rotary trimmer.							
Hoof-trimmer. Sewing-machine trim- mer.							
Inseam-trimmer.							
Lawn-trimmer. Skirt-trimmer.							
Lawn-edge trimmer. Sod or walk trimmer.							
Leather-trimmer. Sole-edge trimmer.							
Load-trimmer. Tailings-trimmer.							
Oil-cake trimmer.							
Paperhanger's trimmer.							
Trimmer and roller.....	C. T. Ridgely.....	842,015	Jan. 22	4464	959	126	1254
Trimmer-board.....	C. T. Ridgely.....	869,020	Oct. 22	2852	787	130	2257
Trimming. Ornamental.....	C. P. Schlegel.....	841,187	Jan. 15	2812	613	126	804

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Triple-expansion engine.....	W. S. Lycan.....	855,959	June 4	994	207-8	128	1944
Tripod.....	O. W. Steindorf.....	856,610	June 11	2318	477	128	2315
Tripod and attaching device.....	C. I. Flory.....	873,121	Dec. 10	1708	357	131	1467
Tripod for music-stands and the like.....	C. H. French.....	868,260	Oct. 15	1629	460	130	1855
Tripod-head.....	E. R. Wright.....	875,034	Dec. 31	5600	1169	131	2188
Trolley.....	J. Tetlow.....	841,467	Jan. 15	3362	727	126	944
Trolley.....	P. J. Wires.....	842,740	Jan. 29	6052	1275-6	126	1689
Trolley.....	J. Struth and C. Holzapfel.....	843,373	Feb. 5	1080	223	126	2063
Trolley.....	W. J. Selleck.....	845,483	Feb. 26	5508	1167	126	3276
Trolley.....	T. Cope.....	847,163	Mar. 12	2872	633	127	756
Trolley.....	R. W. Walker.....	849,871	Apr. 9	2461	505	127	2250
Trolley.....	C. Y. Haile.....	851,415	Apr. 23	5424	1136	127	3079
Trolley.....	A. J. Reif and A. L. McCormick.....	852,978	May 7	1251	258	128	318
Trolley.....	C. A. Bluhm.....	859,867	July 9	2383	649-50	129	823
Trolley.....	A. Hill.....	862,159	Aug. 6	58	18	129	2099
Trolley.....	N. J. Greenison.....	863,984	Aug. 20	2936	808	129	3062
Trolley.....	L. S. Wilder.....	865,323	Sept. 3	863	248	130	262
Trolley.....	J. Ashurst.....	865,474	Sept. 10	1114	317	130	367
Trolley.....	W. Moeckel.....	866,729	Sept. 24	3039	857	130	1049
Trolley.....	G. R. Forster.....	866,781	Sept. 24	3117	877-8	130	1073
Trolley.....	S. D. Hunt.....	869,711	Oct. 29	3952	1090	130	2623
Trolley.....	C. A. Gouty.....	870,772	Nov. 12	1442	390	131	501
Trolley.....	W. P. Gisske.....	870,950	Nov. 12	1732	474	131	592
Trolley.....	G. Ehmann.....	872,802	Dec. 3	1008	211	131	1327
Trolley.....	C. M. Rhodes.....	874,242	Dec. 17	3986	841	131	1871
Trolley.....	G. Keresztes.....	874,345	Dec. 17	4185	881	131	1905
Trolley.....	E. Y. Moore.....	874,367	Dec. 17	4230	891	131	1912
Trolley amusement.....	H. G. Traver.....	854,185	May 21	3702	765-6	128	1016
Trolley and crossover.....	F. and P. B. Schmunk.....	847,701	Mar. 19	3993	872	127	1067
Trolley and harp therefor.....	S. F. Estell and F. W. G. Phillips.....	873,419	Dec. 10	2296	479	131	1565
Trolley-base. Automatic.....	H. W. Fellows and I. A. Cammett.....	841,497	Jan. 15	3437	740-1	126	966
Trolley-bracket. Center-stop.....	J. H. Cook.....	848,637	Apr. 2	33	7	127	1593
Trolley-catcher.....	W. S. Roath.....	857,112	June 18	3258	685	128	2591
Trolley-catcher.....	R. Shields.....	858,355	June 25	5707	1218	128	3245
Trolley catcher and retriever.....	J. L. Perkins.....	862,934	Aug. 13	1347	368-9	129	2533
Trolley circuit-former.....	G. R. Livergood.....	852,969	May 7	1229	253	128	313
Trolley-controller.....	W. C. Burdon.....	849,457	Apr. 9	1652	335	127	2048
Trolley-controlling device.....	J. and H. L. Dale.....	843,445	Feb. 5	1194	251	126	2090
Trolley device.....	S. E. Belcher.....	863,690	Aug. 20	2489	688	129	2922
Trolley. Electric.....	A. S. Janin.....	873,668	Dec. 10	2760	586	131	1648
Trolley-finder.....	F. G. Weber.....	858,238	June 25	5485	1170	128	3185
Trolley-finder.....	F. A. Selley.....	859,783	July 9	2258	614	129	785
Trolley for carrying bales of cotton.....	J. R. Fordyce.....	862,894	Aug. 13	1299	352-3	129	2516
Trolley for carrying bales of cotton.....	J. R. Fordyce.....	862,895	Aug. 13	1300	353	129	2516
Trolley for carrying bales of cotton.....	J. R. Fordyce.....	862,896	Aug. 13	1301	353	129	2517
Trolley for electric railways.....	W. Edwards.....	849,666	Apr. 9	2076	426	127	2152
Trolley for electric railways.....	H. Bennett.....	858,255	June 25	5509	1176	128	3191
Trolley for traveling cranes.....	G. A. True.....	847,849	Mar. 19	4299	943	127	1139
Trolley-frog. Overhead.....	B. Wilbur.....	848,610	Mar. 26	5798	1264	127	1548
Trolley-guard.....	G. L. Matheney.....	857,643	June 25	4280	904	128	2879
Trolley-guard.....	C. Harkness.....	864,422	Aug. 27	3592	998	129	3294
Trolley-guard. Automatic.....	H. A. Kennedy.....	859,667	July 9	2088	563	129	729
Trolley-guide.....	F. G. Clark.....	866,193	Sept. 17	2239	624	130	761
Trolley, hand-truck, and the like.....	F. Hass.....	849,996	Apr. 9	2657	556-7	127	2299
Trolley-harp.....	C. and W. Hibbard.....	846,205	Mar. 5	982	210	127	249
Trolley-harp.....	E. D. Rockwell.....	853,322	May 14	1949	403	128	533
Trolley-harp.....	A. D. Brittain.....	857,591	June 25	4177	884	128	2853
Trolley-harp.....	J. Hensley.....	859,449	July 9	1750	467	129	620
Trolley-harp.....	C. E. Atkinson.....	860,114	July 16	2767	755	129	978
Trolley-harp.....	F. H. Brueggeman.....	864,228	Aug. 27	3309	917	129	3206
Trolley-harp.....	T. W. Small.....	864,571	Aug. 27	3875	1075	129	3384
Trolley-harp.....	S. T. Simmons.....	870,999	Nov. 12	1808	492	131	615
Trolley-harp.....	J. L. Chase.....	872,898	Dec. 3	1220	260	131	1358
Trolley-harp.....	W. J. Murphy.....	874,979	Dec. 31	5491	1147	131	2170
Trolley-head.....	O. Hoffmann.....	841,397	Jan. 15	3237	698	126	911
Trolley-head.....	J. D. Gibbs.....	864,965	Sept. 3	325	87	130	104
Trolley-head.....	G. P. Copp.....	873,662	Dec. 10	2751	584	131	1646
Trolley-head.....	C. C. McClintock.....	873,955	Dec. 17	3353	714	131	1776
Trolley-head for electric traction.....	G. B. Holmes and A. D. Allen.....	869,843	Oct. 29	4144	1144	130	2679
Trolley-hoist.....	E. Y. Moore.....	874,105	Dec. 17	3711	780-1	131	1824
Trolley-locking mechanism.....	E. Y. Moore.....	870,305	Nov. 5	678	182	131	222
Trolley-operating valve.....	R. H. Rogers.....	868,889	Oct. 22	2650	732	130	2195
Trolley. Overhead.....	A. P. Lord and N. Wilkins.....	848,382	Mar. 26	5355	1166	127	1436
Trolley-pole.....	C. F. Wensinger.....	845,323	Feb. 26	5183	1100	126	3196
Trolley-pole.....	Q. Saudelli.....	849,503	Apr. 9	1782	361	127	2078
Trolley-pole.....	L. Radcliff.....	854,759	May 28	4803	997	128	1324
Trolley-pole.....	A. Ross.....	866,224	Sept. 17	2280	637	130	774
Trolley-pole.....	F. M. Ross.....	875,215	Dec. 31	5952	1240	131	2246
Trolley-pole attachment.....	P. F. Duross.....	861,956	July 30	5641	1564	129	1967
Trolley-pole attachment.....	R. P. Rever.....	871,442	Nov. 19	2735	690-1	131	814
Trolley-pole. Automatic.....	H. W. Fellows and I. A. Cammett.....	861,233	July 23	4495	1232	129	1577
Trolley-pole catcher.....	J. H. Walker.....	852,307	Apr. 30	7218	1516	127	3561
Trolley-pole connection.....	J. M. Olinger.....	840,649	Jan. 8	1731	381-2	126	488
Trolley-pole controller.....	A. L. Prentiss.....	856,293	June 11	1657	344	128	2146
Trolley-pole controller.....	C. Norland.....	871,616	Nov. 19	3083	766	131	871
Trolley-pole-controlling device.....	W. Lile.....	858,732	July 2	640	168	129	221
Trolley-pole for conducting electric current to vehicles.....	R. and J. Lindsay.....	856,535	June 11	2155	444	128	2273
Trolley-pole guide.....	L. A. Allen.....	870,755	Nov. 12	1415	383	131	490
Trolley-pole. Jointed.....	H. Padley.....	864,912	Sept. 3	236	64	130	74
Trolley-pole retriever.....	L. M. Perkins.....	875,596	Dec. 31	6688	1399	131	2367
Trolley-pole support.....	J. Gribben.....	854,489	May 21	4259	881	128	1159
Trolley-pole support.....	H. W. Fellows and I. A. Cammett.....	862,891	Aug. 13	1294	351	129	2514
Trolley-pole support.....	H. W. Fellows and I. A. Cammett.....	866,349	Sept. 17	2482	693	130	839
Trolley retainer. Electric.....	E. T. Platt.....	848,601	Mar. 26	5775	1260	127	1542
Trolley-retracting mechanism. Automatic.....	H. B. Clarke.....	862,135	Aug. 6	20	6-8	129	2086

Alphabetical list of inventions—Continued.

Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Trolley-retriever	F. M. Miller	843,761	Feb. 12	1829	389-90	126	2286
Trolley-retriever	S. F. Pierce	851,029	Apr. 23	4634	972	127	2882
Trolley-retriever	M. F. Hodge	853,453	May 14	2178	452-3	128	592
Trolley-retriever	C. I. Earle	857,040	June 18	3112	657-8	128	2553
Trolley-retriever	A. W. Knutson. (Reissue)	12,722	Nov. 19	3374	827-8	131	919
Trolley-retriever. Automatic	R. J. Walker	846,365	Mar. 5	1279	281-2	127	322
Trolley-securing device	J. Szekeres	872,094	Nov. 26	4123	985	131	1058
Trolley-stand	H. E. Eastman	847,170	Mar. 12	2890	636-7	127	760
Trolley-stand	E. L. Fixler	857,612	June 25	4222	893	128	2864
Trolley-stand	J. H. McPherson	800,229	July 16	2944	804	129	1036
Trolley stand and pole	G. Q. Seaman	850,796	Apr. 16	4183	877	127	2727
Trolley-switch	B. G. Watkins	845,912	Mar. 5	393	80	127	101
Trolley switch frog and pole	A. Neubert	862,582	Aug. 6	815	217	129	2336
Trolley-track	W. J. Sumner	841,351	Jan. 15	3151	679	126	890
Trolley-track. Overhead	J. H. Lawrence	868,932	Oct. 22	2720	748	130	2217
Trolley-track switch. Overhead	F. Kramer	849,350	Apr. 2	1462	297	127	1959
Trolley-wheel	J. A. Norton	840,648	Jan. 8	1730	381	126	487
Trolley-wheel	A. A. Schneider	843,305	Feb. 5	968	198	126	2035
Trolley-wheel	E. P. Sharp	849,025	Apr. 2	811	167	127	1794
Trolley-wheel	G. B. Nussbaum	849,262	Apr. 2	1294	263	127	1918
Trolley-wheel	J. C. Cordrey and P. J. Brady	854,804	May 28	4889	1015	128	1346
Trolley-wheel	C. F. Wilson	856,503	June 11	2096	431	128	2259
Trolley-wheel	E. H. Johnson	861,288	July 30	4604	1253	129	1648
Trolley-wheel	P. M. Orlopp	862,191	Aug. 6	131	36-7	129	2125
Trolley-wheel	H. B. Sawyer	862,350	Aug. 6	392	109	129	2206
Trolley-wheel	J. R. Kidney	862,485	Aug. 6	649	174	129	2290
Trolley-wheel	W. H. Bradt	862,701	Aug. 6	993	265	129	2389
Trolley-wheel	H. L. Humphrey	866,363	Sept. 17	2502	698	130	845
Trolley-wheel	C. P. and H. C. Bostian	870,080	Nov. 5	321	90	131	107
Trolley-wheel	E. N. Luburg	873,444	Dec. 10	2333	490	131	1573
Trolley wheel and harp	E. S. Roland	845,930	Mar. 5	362	73	127	94
Trolley-wheel guard	C. Harkness	868,780	Oct. 22	2487	686	130	2145
Trolley-wheel lubricator	J. F. Cottrell	853,771	May 14	2836	583	128	763
Trolley-wheel safety-guard	F. J. Nolan	872,674	Dec. 3	750	155	131	1286
Trolley-wheel support	G. W. Grisdale, Jr.	867,125	Sept. 24	3636	1032	130	1232
Trolley-wheels. Casting	F. B. Torrey	854,389	May 21	4065	841	128	1111
Trolley-wheels. Wire-retrieving attachment for	W. C. Althen	846,378	Mar. 5	1304	287	127	329
Trolley-wire-cleaning device. Overhead	J. L. Snitker and W. S. Carl	861,325	July 30	4660	1273	129	1665
Trolley-wire crossing	J. N. Hayes	817,989	Mar. 19	4595	1008	127	1209
Trolley-wire crossover	D. H. Doak	864,888	Sept. 3	198	55	130	62
Trolley-wire ear	W. G. Carey	873,017	Dec. 10	1493	312	131	1432
Trolley-wire hanger	W. G. Clark	860,526	July 16	3378	928	129	1181
Trolley-wire hanger or ear	H. G. Dyer	864,520	Aug. 27	3772	1048	129	3354
Trolley-wire holder	V. J. La Baue	850,020	Apr. 9	2692	565	127	2307
Trolley-wire sleeve	C. W. Kettelman	848,035	Mar. 26	4712	1027	127	1277
Trolley-wire switch	F. M. Zimmerman	869,955	Nov. 5	114	31-2	131	38
Trolley-wires. Catenary suspension for	G. A. Mead	842,222	Jan. 29	4900	1045-6	126	1396
Trolley-wires. Mechanical ear for	T. E. R. Phillips	842,241	Jan. 29	4941	1054	126	1404
Trolley-wires. Mechanical ear for	E. E. Gilmore	844,792	Feb. 19	4145	883	126	2895
Trolleys and harps. Spring for	R. E. Noble	862,277	Aug. 6	284	80	129	2171
Trough:							
See Chalk-trough.	Feeding-trough.						
Drinking-trough.	Water-trough.						
Drip-trough.	Watering-trough.						
Feed-trough.							
Trough	D. Hurst	869,088	Oct. 22	2956	816	130	2291
Troughs. Making	C. D. Pruden	846,139	Mar. 5	866	181	127	220
Trousers	T. Halligan	841,514	Jan. 15	3461	745	126	972
Trousers	L. M. Nathan	845,430	Feb. 26	5385	1143	126	3245
Trousers	J. Ruppel	858,107	June 25	5246	1113	128	3124
Trousers and belt fastener	P. C. Noetzel	871,884	Nov. 26	3643	888	131	988
Trousers-clasp and belt-holder. Combined	B. A. Groté	849,677	Apr. 9	2094	431	127	2156
Trousers-creaser	L. W. Young	842,743	Jan. 29	6061	1277	126	1691
Trousers-edge protector	J. C. Marr	863,195	Aug. 13	1766	475	129	2667
Trousers-expander	J. Sargh	873,616	Dec. 10	2683	566	131	1631
Trousers-guard	C. C. Haskell	866,276	Sept. 17	2362	657	130	801
Trousers-hanger	M. M. Stearling	870,392	Nov. 5	837	222	131	276
Trousers-hanger	R. J. Linklater	846,676	Mar. 12	1940	426	127	524
Trousers-hanger	R. H. Tye	853,527	May 14	2332	486	128	632
Trousers-hanger	C. J. Spruce	872,587	Dec. 3	571	119	131	1255
Trousers. Means to press creases in	N. M. Court	867,912	Oct. 8	1060	300	130	1656
Trousers-press	H. Dalitz	844,712	Feb. 19	3979	845	126	2849
Trousers-press	W. C. Hardesty	859,494	July 9	1814	487	129	641
Trousers-presser	G. B. Woodmancy	817,392	Mar. 19	3356	735	127	905
Trousers-stretcher	I. B. Macomber	855,794	June 4	674	138	128	1867
Trousers-stretcher	L. S. Plummer	857,902	June 25	4785	1016	128	3005
Trousers-stretcher	E. P. Dorward	859,051	July 2	1147	306	129	390
Trousers-stretcher	W. T. Shoemaker	864,999	Sept. 3	372	100	130	117
Trousers stretcher and presser. Combined	S. S. Zigler	843,250	Feb. 5	855	174	126	2011
Trousers-support	I. D. Fellows	845,068	Feb. 26	4669	992	126	3065
Trousers-support	D. Greenberger	851,930	Apr. 30	6485	1353	127	3377
Trousers-support. Invisible	A. Barnhardt	872,323	Dec. 3	8	2	131	1170
Trousers-supporter	W. E. Crawford	859,436	July 9	1735	462	129	615
Trousers-supporter	R. M. Hunter	863,716	Aug. 20	2523	697	129	2834
Trowel. Adjustable	P. F. Connelly	842,770	Jan. 29	6107	1289	126	1701
Trowel. Plasterer's	R. E. Martin	850,945	Apr. 23	4494	940	127	2800
Truck	C. Rawlinson	843,234	Feb. 5	814	167	126	2000
Truck	W. P. Hussey	843,340	Feb. 5	1025	211	126	2049
Truck	W. H. Armstrong	845,570	Feb. 12	1483	313	126	2197
Truck	W. and S. Vanmanen	845,673	Feb. 26	5862	1238	126	3363
Truck	J. H. Morris	845,966	Mar. 5	497	103	127	129
Truck	E. Peckham	845,977	Mar. 5	518	107	127	134
Truck	W. C. Barry	846,451	Mar. 12	1482	329	127	405
Truck	W. C. Hanson	847,766	Mar. 19	4119	900	127	1095
Truck	E. C. Bruen	848,804	Apr. 2	378	76	127	1685
Truck	A. P. Sands	849,022	Apr. 2	804	166-7	127	1792

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				Spec.	Dr'g.	Vol.	Page.
Truck	A. Schafer and G. Wanee	849,270	Apr. 2	1307	265	127	1921
Truck	B. B. Bowers	849,527	Apr. 9	1823	370	127	2089
Truck	I. L. Sjöström	849,816	Apr. 9	2339	480	127	2219
Truck	E. Bartley	849,882	Apr. 9	2479	510	127	2255
Truck	G. A. Browne	850,562	Apr. 16	3736	780	127	2616
Truck	C. A. Brust and J. H. Du Bose	852,217	Apr. 30	7070	1477	127	3525
Truck	J. B. McKiel	852,738	May 7	732	143-4	128	192
Truck	P. Kerrigan	855,405	May 28	6066	1268	128	1645
Truck	W. A. Curtis	855,619	June 4	338	69	128	1781
Truck	L. Kuykendall	856,887	June 11	2815	587	128	2440
Truck	M. F. Scholl and M. F. Burkhart	859,122	July 2	1245	333-4	129	420
Truck	J. F. De Voy	860,644	July 23	3596	985	129	1286
Truck	H. Weber	863,122	Aug. 13	1656	444	129	2632
Truck	J. F. Haffey	863,275	Aug. 13	1891	510	129	2703
Truck	H. L. Myers	863,625	Aug. 20	2411	662	129	2898
Truck	W. F. Loyd	865,601	Sept. 10	1319	374	130	429
Truck	S. E. Mercer	869,922	Nov. 5	65	19-20	131	22
Truck	C. H. Loew	870,835	Nov. 12	1537	422	131	531
Truck	W. G. Price	872,017	Nov. 26	3957	951	131	1032
Truck	F. M. Morton	873,159	Dec. 10	1775	373	131	1479
Truck and step-ladder. Combination	J. E. Randall	867,754	Oct. 8	803	226	130	1579
Truck and supporting-stand. Combined	C. Rawlinson	854,381	May 21	4050	837	128	1108
Truck and turn-table for ore-cars	W. C. Matteson	864,321	Aug. 27	3446	959	129	3247
Truck apparatus. Railway-carriage-	W. Lautenschläger	841,697	Jan. 22	3824	831	126	1096
Truck. Automobile-	T. Neville and H. A. Thayer	864,680	Aug. 27	4042	1122	129	3434
Truck. Baggage-	W. P. Kennedy	858,658	July 2	526	135	129	182
Truck. Baggage-	J. K. Kendrick	862,338	Aug. 6	377	102	129	2201
Truck. Binder-	H. O. Steinhauer	868,139	Oct. 15	1446	406-7	130	1797
Truck. Boiler-	W. T. Fiers and B. F. Tigner	857,454	June 18	3897	828	128	2751
Truck-bolster	A. B. Bellows	847,885	Mar. 19	4376	957-8	127	1159
Truck-bolster	W. F. Richards	848,265	Mar. 26	5110	1115	127	1378
Truck-bolster	C. E. Bauer	868,155	Oct. 15	1464	412	130	1804
Truck bolster. Car-	H. P. Field, Jr.	840,834	Jan. 8	2082	461-2	126	573
Truck bolster. Car-	G. A. Johnson	854,360	May 21	4014	830	128	1099
Truck bolster. Car-	J. M. Ames	860,892	July 23	3973	1089	129	1407
Truck-brake	E. H. Slaybaugh	857,118	June 18	3266	687	128	2593
Truck brake appliance. Automatic	A. L. Saxon	853,122	May 7	1508	314	128	380
Truck. Brick-	G. Barney	857,859	June 25	4706	999	128	2986
Truck. Brick-	H. J. Dundas	869,353	Oct. 29	3378	929	130	2448
Truck. Brick and tile	J. F. Siegel	860,699	July 23	3675	1006	129	1311
Truck. Car-	R. Russell	840,519	Jan. 8	1478	326-7	126	423
Truck. Car-	W. S. Adams	844,076	Feb. 12	2411	517	126	2428
Truck. Car-	G. Lindenthal	844,150	Feb. 12	2551	547-8	126	2463
Truck. Car-	A. E. Ostrander	846,240	Mar. 5	1043	224	127	266
Truck. Car-	W. P. Bettendorf	849,194	Apr. 2	1175	237	127	1889
Truck. Car-	T. M. Gallagher	849,895	Apr. 9	2501	515-16	127	2261
Truck. Car-	R. H. Brown	853,531	May 14	2338	487	128	634
Truck. Car-	W. E. Symons	856,111	June 4	1254	264-5	128	2009
Truck. Car-	C. G. Harrington	857,937	June 25	4859	1028	128	3023
Truck. Car-	R. S. Morrish	859,406	July 9	1695	451	129	602
Truck. Car-	W. E. Symons	860,267	July 16	2997	820	129	1055
Truck. Car-	O. S. Pulliam	861,766	July 30	5353	1476	129	1878
Truck. Car-	J. C. Barber	863,012	Aug. 13	1470	400	129	2572
Truck. Car-	W. G. Price	864,192	Aug. 27	3262	903-4	129	3191
Truck. Car-	H. S. Hart	865,492	Sept. 10	1146	325	130	378
Truck. Car-	H. S. Hart	865,493	Sept. 10	1147	325-6	130	378
Truck. Car-	H. S. Hart	866,028	Sept. 17	1999	557	130	685
Truck. Car-	A. E. E. Norwich	867,999	Oct. 15	1243	343	130	1736
Truck. Car-	W. E. Amberg	870,607	Nov. 12	1151	314	131	407
Truck. Car-	C. S. Shallenberger	870,647	Nov. 12	1229	333-4	131	435
Truck. Car-	H. W. Wolff	871,466	Nov. 19	2786	701	131	822
Truck. Car-	T. M. Gallagher	872,723	Dec. 3	858	177	131	1302
Truck. Car-	J. C. Barber	875,565	Dec. 31	6619	1385	131	2356
Truck. Car-	J. C. Barber	875,566	Dec. 31	6622	1385-6	131	2356
Truck. Casket-	F. P. Sparmaker	870,058	Nov. 5	290	80	131	98
Truck. Cement-	F. B. Burness	844,325	Feb. 19	2948	628	126	2603
Truck. Combination elevator-	G. W. Peter	853,896	May 14	3102	636	128	826
Truck construction. Car-	O. S. Pulliam	869,652	Oct. 29	3862	1057	130	2596
Truck. Conveyor-	A. Marvin	857,409	June 18	3813	808-10	128	2730
Truck. Cotton-picker's	A. Sanders, C. M. Rebman, and B. H. Sanders	871,893	Nov. 26	3658	892	131	991
Truck. Electric-motor	B. R. Van Kirk	854,442	May 21	4178	866	128	1140
Truck-equalizing device. Car-	A. E. Ostrander	851,371	Apr. 23	5334	1118	127	3055
Truck equipment. Car-	G. Lindenthal	844,151	Feb. 12	2556	548	126	2465
Truck. Expressman's	F. W. Clayton	855,835	June 4	761	157	128	1886
Truck for agricultural implements. Steering-	M. Goodfellow	852,020	Apr. 30	6705	1394	127	3433
Truck for annealing-furnaces. Charging-	J. G. Blum	852,012	Apr. 30	6658	1386	127	3420
Truck for baggage, &c	B. L. Westervelt	848,332	Mar. 26	5257	1146-7	127	1415
Truck for carrying baggage, &c. Hand-	J. E. and W. R. Ridgway	843,034	Feb. 5	391	85	126	1891
Truck for electrically-propelled cars. Swivel-	D. M. Pfautz	841,435	Jan. 15	3300	713	126	928
Truck for handling rolls of wire fencing	W. H. Mason	862,495	Aug. 6	664	178	129	2294
Truck for harvesters. Tongue-	G. L. Phelps	846,138	Mar. 5	865	181	127	220
Truck for harvesting-machines	W. H. Crane	851,345	Apr. 23	5289	1108	127	3044
Truck for railway-cars. Metallic	F. Gebhardt	840,929	Jan. 8	2286	502	126	624
Truck for undertakers' use	W. U. Colthart	875,049	Dec. 31	5629	1175	131	2193
Truck for wood-preserving retorts	H. M. Rollins and A. J. Neff	847,826	Mar. 19	4253	931	127	1127
Truck-frame	W. G. Price	872,016	Nov. 26	3955	951	131	1032
Truck frame. Car-	R. C. Wright and F. E. Stebbins	861,229	July 23	4488	1230	129	1574
Truck. Freight-car	A. Lipschutz	851,361	Apr. 23	5316	1113-14	127	3051
Truck. Gasolene-engine	A. N. Calkins	847,647	Mar. 19	3881	848	127	1041
Truck guard. Railway-	W. Sanford	873,795	Dec. 17	3036	644	131	1724
Truck. Hand-	I. L. Davenport	851,164	Apr. 23	4906	1032	127	2949
Truck. Hand-	G. D. Parker	862,194	Aug. 6	136	38	129	2126
Truck. Hand-	C. F. Miller	866,797	Sept. 24	3139	884	130	1080
Truck. Hand-	C. F. Schell	868,705	Oct. 22	2375	658	130	2111
Truck. Lifting and carrying	T. C. Moore	864,902	Sept. 3	218	61	130	68

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Truck lock. Railway-	C. Maaskant	848,256	Mar. 26	5078	1110	127	1369
Truck. Locomotive-	W. Dalton	841,380	Jan. 15	3206	691	126	904
Truck. Locomotive-	W. Pervenko	867,835	Oct. 8	930	265	130	1617
Truck. Lumber-	G. A. Browne	850,563	Apr. 16	3737	780-1	127	1617
Truck mechanism	W. Fetzner. (Reissue)	12,653	May 21	4696	978	128	1267
Truck. Merchandise-conveying	F. A. Bieffe	842,754	Jan. 29	6079	1281	126	1695
Truck. Molding-	J. H. Bickley and J. McAnally	851,113	Apr. 23	4792	1007-8	127	2920
Truck. Motor-	F. B. Johnson and J. C. Caps	841,691	Jan. 22	3807	829	126	1091
Truck. Motor-	W. F. Kiesel, Jr	865,501	Sept. 10	1160	330	130	383
Truck. Motor-	A. F. Batchelder	873,706	Dec. 17	2850	606	131	1694
Truck. Motor-driven	A. H. Ehle	849,838	Apr. 9	2394	488-9	127	2234
Truck. Motor railway-	S. Otis	869,456	Oct. 29	3543	971-2	130	2499
Truck or tank	O. K. Harry	858,177	June 25	5374	1142-3	128	3155
Truck. Pneumatic	A. R. Bannerman, W. Summer-ton, and D. MacDonald.	860,622	July 23	3561	977	129	1275
Truck. Portable piano-	S. Bilger	867,099	Sept. 24	3604	1022-3	130	1221
Truck. Rail-traversing	E. E. Arnold	870,213	Nov. 5	533	145	131	174
Truck. Railway-	J. M. Rohlfing	856,492	June 11	2080	428	128	2255
Truck. Railway-	J. W. Jenkins	866,033	Sept. 17	2005	559	130	687
Truck. Railway-car.	S. Otis	840,156	Jan. 1	746	162	126	202
Truck. Railway-car	E. Kaylor	852,387	Apr. 30	7392	1551	127	3604
Truck. Railway-car	H. H. Drew	856,626	June 11	2352	484	128	2324
Truck. Sacking-	J. F. Haffey	863,274	Aug. 13	1890	510	129	2708
Truck. Scoop-	J. W. McMann	861,308	July 30	4629	1265	129	1656
Truck. Self-propelled car-	J. K. Cochran	841,933	Jan. 22	4296	926-7	126	1214
Truck. Self-propelled vehicle-	R. Fuller	856,242	June 11	1548	324-5	128	2119
Truck side frame and journal-box	G. G. Floyd	874,947	Dec. 31	5432	1135-6	131	2160
Truck side frame. Car-	A. Lipschutz	852,968	May 7	1227	252	128	312
Truck side frame. Car-	H. C. Buhoup	869,416	Oct. 29	3476	955	130	2478
Truck side frame. Car-	E. H. Benner	872,790	Dec. 3	983	204	131	1323
Truck-skid	F. G. McGinnis	843,835	Feb. 12	1966	420	126	2321
Truck. Stove-	A. S. Barlow	865,987	Sept. 17	1935	541	130	665
Truck structure	W. E. Symons	860,268	July 16	2999	820-1	129	1056
Truck. Swing-motion	P. Bettendorf	849,193	Apr. 2	1172	236-7	127	1888
Truck. Tobacco-	W. Bechtol	852,052	Apr. 30	6766	1408	127	3449
Truck-wheel	G. F. Armstrong, Jr	869,767	Oct. 29	4034	1114	130	2646
Trucks. Beamless brake for car-	E. S. Coffman	840,991	Jan. 8	2400	525-6	126	653
Trucks. Brake mechanism for pivoted car-	W. L. Austin	854,449	May 21	4193	868	128	1144
Trucks. Cast-steel side frame for car-	A. Lipschutz	860,925	July 23	4019	1101	129	1422
Trucks. Construction of car-	R. C. Wright and F. E. Stebbins	860,955	July 23	4073	1115	129	1441
Trucks. Non-chattering brake-hanger for car-	E. W. Holst	863,277	Aug. 13	1893	510	129	2704
Trucks of cars and the like. Appliance for shifting the point of application of the weight on the	P. Steffe	850,804	Apr. 16	4196	881	127	2731
Trucks. Oil-box receptacle for car-	W. E. Symons	861,553	July 30	5027	1381	129	1782
Trumpet-tool	J. S. Kirstein	859,819	July 9	2303	626	129	799
Trumpet support. Reproducing-	W. C. Runge	874,350	Dec. 17	4193	883	131	1906
Trunk	F. M. Lee	840,140	Jan. 1	718	155	126	196
Trunk	G. S. Eggeman	843,877	Feb. 12	2049	439	129	2326
Trunk	C. H. Paxton	844,393	Feb. 19	3087	663	126	3064
Trunk	H. W. Rountree	851,033	Apr. 23	4644	974	127	2884
Trunk	W. Hutton	853,412	May 14	2102	438	128	571
Trunk	G. W. Peterson	854,602	May 21	4469	931	128	1211
Trunk	R. L. Turman	857,500	June 18	3999	851	128	2778
Trunk	H. Davis	860,018	July 16	2636	716	129	937
Trunk	J. H. Wienand	860,069	July 16	2714	739-40	129	962
Trunk	A. Kahlow	860,807	July 23	3836	1052	129	1362
Trunk	J. A. Hackett	861,173	July 23	4397	1207-8	129	1544
Trunk	C. C. Wigginton	865,322	Sept. 3	862	248	130	262
Trunk	G. H. Wheary	872,874	Dec. 3	1174	250	131	1350
Trunk and dresser. Combined	W. Rinke	852,243	Apr. 30	7012	1488	127	3536
Trunk attachment	G. H. Wheary	870,067	Nov. 5	303	84	131	102
Trunk-fastener	E. J. Davis	874,160	Dec. 24	5839	1219	131	2227
Trunk-flap-locking means	I. Mendel	844,456	Feb. 19	3195	689	126	2664
Trunk. Folding	F. L. A. Eichelberger	847,171	Mar. 12	2893	637	127	761
Trunk-harness	E. N. Buchanan	841,620	Jan. 15	3659	793	126	1021
Trunk-leg attachment	J. H. McNamara	856,718	June 11	2519	518	128	2366
Trunk-line. Incoming	H. M. Post	841,339	Jan. 15	3119	674	126	882
Trunk-lock	B. Weber	872,775	Dec. 3	956	199	131	1318
Trunk or the like fastener	E. W. Hawley	845,781	Mar. 5	98	19	127	28
Trunk-rope fastener	E. W. Carroll and F. S. Baird	857,441	June 18	3870	822	128	2743
Trunk. Sample	G. F. Biggs	841,764	Jan. 22	3958	854	126	1130
Trunk-strap fastener	H. J. Patterson	857,197	June 18	3430	723	128	2634
Trunk. Transformable	J. A. Lundstrom	841,992	Jan. 22	4418	952	126	1243
Trunk-tray	L. Guynn	873,540	Dec. 10	2529	534	131	1606
Trunk-tray form	W. S. Gibson	870,949	Nov. 12	1731	474	131	591
Trunk-tray hinge	J. J. Cannan	871,779	Nov. 26	3405	837	131	953
Trunk-tray support	W. H. A. Stout	860,581	July 16	3471	954	129	1212
Trunk. Wardrobe	W. C. Likly and J. J. Cannan	849,334	Apr. 2	1427	288-9	127	1951
Trunk. Wardrobe	A. D. Seaman	857,116	June 18	3263	687	128	2592
Trunk. Wardrobe	J. J. Cannan	858,572	July 2	350	89-90	129	125
Trunks. Garment-support for	W. C. Likly and J. J. Cannan	851,535	Apr. 23	5647	1182	127	3132
Trunks. Locking means for bureau-	J. C. Lynch	874,518	Dec. 24	4553	956	131	1993
Trunking device and selective signaling apparatus. Automatic	A. A. Monson	848,120	Mar. 26	4848	1058-9	127	1311
Truss	J. Sault	842,252	Jan. 29	4963	1059	126	1410
Truss	F. A. Nims	843,168	Feb. 5	667	140	126	1963
Truss	P. Kaseler	844,137	Feb. 12	2530	543	126	2458
Truss	E. H. Parker	862,193	Aug. 6	135	38	129	2126
Truss	T. E. Martin	862,837	Aug. 6	1213	327	129	2455
Truss	S. H. Sublett	869,203	Oct. 22	3119	859	130	2341
Truss	F. C. D. McKay	870,519	Nov. 5	1016	276-7	131	328
Truss	G. Q. Seaman	872,851	Dec. 3	1130	239	131	1343
Truss	B. S. Sills	875,122	Dec. 31	5768	1203	131	2215
Truss-braced tree	B. F. Pinson, Jr	855,528	June 4	160	32	128	1735
Truss. Head-	W. D. Peters	841,714	Jan. 22	3852	837	126	1102
Truss. Hernial	J. W. Bunker	861,257	July 30	4543	1242-3	129	1623

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Truss. Lattice.....	J. C. McKeown.....	851,304	Apr. 23	5210	1093	127	3024
Truss-pad.....	W. H. Horn, Jr.....	847,775	Mar. 19	4135	903	127	1100
Truss-pad.....	J. M. Cullis.....	868,971	Oct. 22	2776	765	130	2234
Truss-rod. Walking-beam.....	E. W. Cokely.....	868,646	Oct. 22	2272	629	130	2078
Tub:							
See Bath-tub. Refrigerator-tub.							
Foot-tub. Washtub.							
Laundry-tub.							
Tub-rack.....	S. K. Painter.....	873,261	Dec. 10	1970	412	131	1511
Tube:							
See Bell and speaking-tube. Paste-tube.							
Combining and mixing Testing-tube.							
tube. Threaded tube.							
Cop-tube. Torpedo-tube.							
Expansion-tube. Well-tube.							
Grain-drill tube. Wick-tube.							
Lantern-tube. X-ray tube.							
Paint-tube.							
Tube and flue cleaner.....	H. S. Stormer.....	874,258	Dec. 17	4007	846-7	131	1876
Tube apparatus. Manufacturing.....	O. Zimmermann.....	873,976	Dec. 17	3392	722	131	1783
Tube-bending apparatus. Metal.....	W. Kennedy.....	862,339	Aug. 6	377	103-4	129	2202
Tube-bending machine.....	R. Naysmith.....	866,505	Sept. 17	2681	750	130	902
Tube-bending machine. Metallic.....	F. V. M. Monnet and E. J. A. Moyné.....	847,094	Mar. 12	2757	609	127	726
Tube-cleaner.....	E. Heubach.....	847,335	Mar. 19	3222	709-10	127	870
Tube-cleaner.....	F. W. Canales.....	860,523	July 16	3374	927	129	1180
Tube-compressors. Shut-off for.....	E. O. Jeralds.....	850,371	Apr. 16	3376	706	127	2524
Tube-cutter.....	F. Fleming.....	869,628	Oct. 29	3825	1048	130	2585
Tube-cutter.....	J. G. Lusk.....	872,290	Nov. 26	4502	1068	131	1121
Tube cutter and expander.....	W. C. Wood.....	870,332	Nov. 5	724	195	131	237
Tube-emptying device. Collapsible.....	A. H. W. Weber.....	857,547	June 18	4086	867	128	2801
Tube-expander.....	W. H. Mathers.....	842,569	Jan. 29	5653	1195	126	1590
Tube-expander.....	V. Stavenik and J. Mautz.....	854,118	May 21	3571	737	128	981
Tube-expander.....	T. P. Green.....	866,644	Sept. 24	2904	818	130	1000
Tube expanding and beading tool.....	W. McCormick.....	856,896	June 11	2834	591	128	2444
Tube-forming apparatus.....	C. J. Nolan.....	865,517	Sept. 10	1187	338	130	391
Tube-forming machine.....	E. Wiet.....	854,136	May 21	3604	743	128	988
Tube-machine.....	J. R. Harbeck.....	862,390	Aug. 6	471	125-7	129	2235
Tube-making machine.....	F. Schafer.....	857,678	June 25	4335	916-17	128	2894
Tube-making machine.....	E. Haefely.....	858,387	July 2	35	11	129	13
Tube-manufacturing apparatus.....	S. V. Huber.....	857,348	June 18	3697	782	128	2704
Tube-mill blank-support.....	G. H. Blaxter.....	848,285	Mar. 26	5162	1124	127	1391
Tube or bar straightening machine.....	J. S. Worth and W. F. Harrison.....	850,810	Apr. 16	4211	885-6	127	2734
Tube or pebble mill.....	R. F. Abbe.....	863,483	Aug. 13	2181	590	129	2795
Tube-stopper.....	S. Smith.....	872,024	Nov. 26	3980	956	131	1035
Tube to be welded. Apparatus for grasping the skelp of a.....	A. Twer.....	868,375	Oct. 15	1824	514	130	1911
Tube-winding machine. Spiral.....	G. H. Bartlett.....	866,108	Sept. 17	2124	591	130	724
Tubes and screens. Forming perforated.....	M. E. Layne.....	846,482	Mar. 12	1539	340	127	421
Tubes and the like. Apparatus for manufacturing.....	S. Frank.....	841,954	Jan. 22	4337	935	126	1224
Tubes. Apparatus for assembling and disassembling flexible.....	J. Merritt.....	861,666	July 30	5193	1426-7	129	1831
Tubes. Apparatus for forming tapering.....	J. Gribben.....	856,694	June 11	2470	508	128	2353
Tubes. Apparatus for the manufacture of metal.....	B. F. McTear.....	861,880	July 30	5527	1525	129	1931
Tubes during exhaustion. Means for preventing self-sealing of fluid-distended flexible.....	J. M. Boyle.....	857,585	June 25	4169	883	128	2850
Tubes for covering rollers and the like. Manufacture of seamless felt.....	N. Wahl.....	872,867	Dec. 3	1162	246	131	1348
Tubes. Manufacture of.....	W. J. Still.....	867,763	Oct. 8	811	229	130	1581
Tubes. Manufacture of.....	A. E. Beck.....	869,476	Oct. 29	3574	980	130	2509
Tubes. Mechanism for the manufacture of seamless.....	M. F. Capron.....	843,867	Feb. 12	2024	435	126	2333
Tubes. Mechanism for the manufacture of seamless.....	M. F. Capron.....	843,868	Feb. 12	2028	436	126	2334
Tubes. Mill for manufacture of.....	E. Winter.....	869,282	Oct. 29	3251	895	130	2410
Tubes, &c. Mill for manufacture of.....	E. Winter.....	869,283	Oct. 29	3254	896	130	2411
Tubes, &c. Press for forming.....	W. Astfalck.....	847,635	Mar. 19	3861	844	127	1035
Tubing.....	E. T. Greenfield.....	840,766	Jan. 8	1964	432	126	545
Tubing.....	E. T. Greenfield.....	846,996	Mar. 12	2562	564	127	681
Tubing. Machine for forming flexible.....	S. Scognamiglio.....	871,241	Nov. 19	2281	597	131	746
Tubing. Machine for weaving.....	W. W. Harris.....	874,678	Dec. 24	4859	1020-2	131	2046
Tubing. Making seamless.....	J. H. Nicholson.....	870,246	Nov. 5	584	157	131	191
Tubular drill. Lubricating.....	W. E. Roeske.....	841,184	Jan. 15	2808	612	126	803
Tubular fabric and making the same.....	G. D. Moore.....	848,189	Mar. 26	4957	1083	127	1339
Tubular or hollow bodies from plastic materials. Manufacture of.....	L. H. Rentzsch.....	866,517	Sept. 17	2702	.....	130	908
Tubular structural member.....	H. C. Gammeter.....	870,356	Nov. 5	765	204	131	251
Tubulating-machine.....	J. T. Fagan.....	869,428	Oct. 29	3496	959	130	2484
Tuck-comb. Back.....	N. L. Carper.....	862,133	Aug. 6	18	6	129	2086
Tuft-forming machine.....	M. O. and J. G. Rehuss.....	850,053	Apr. 9	2750	577-8	127	2371
Tufting-machines. Button-protector for.....	W. E. Buser.....	850,816	Apr. 16	4222	887-8	127	2309
Tug and trace fastener.....	A. V. Cunningham, Sr.....	873,413	Dec. 10	2285	477	131	1564
Tug coupling. Hame.....	F. T. Lerch.....	864,100	Aug. 20	3103	858	129	3114
Tug fastener. Hame.....	F. T. Lerch.....	844,817	Feb. 19	4194	893	126	2906
Tug for harness. Spring.....	J. Mitchell.....	866,501	Sept. 17	2677	749	130	901
Tug Hame.....	G. H. Schmidt.....	847,377	Mar. 19	3320	729	127	895
Tug. Hame.....	A. E. Sutton.....	869,813	Oct. 29	4103	1132	130	2667
Tug-holder.....	O. A. Rice.....	856,297	June 11	1670	346	128	2151
Tug-loop.....	R. P. Kronke.....	842,467	Jan. 29	5462	1158	126	1548
Tug-loop.....	F. F. Jennings.....	872,067	Nov. 26	4066	974	131	1049
Tumbler-closure.....	J. T. Cox.....	866,436	Sept. 17	2592	724	130	874
Tumbler-washer.....	W. H. Walter.....	859,472	July 9	1779	478	129	630
Tumbling-barrel.....	H. J. Guttman.....	864,242	Aug. 27	3330	922-3	129	3212
Tumbling-barrel.....	H. J. Guttman.....	864,782	Sept. 3	24	7-8	130	10
Tuning device.....	C. S. Weber.....	847,216	Mar. 12	2993	660	127	787
Tuning device for timpani.....	H. A. Bower.....	874,050	Dec. 17	3550	756	131	1807
Tuning device. Stringed-instrument.....	E. E. England.....	841,384	Jan. 15	3212	693	126	906

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Tuning-fork. Apparatus for determining the number of vibrations per second of a	L. E. Knott	863,072	Aug. 13	1568	424	129	2604
Tuning-hammer	W. B. Ellsworth	842,307	Jan. 29	5075	1081	126	1439
Tuning instrument	C. P. Dolan	857,334	June 18	3673	777	128	2697
Tuning-slide for horns and like instruments	H. B. Jay	856,642	June 11	2378	489	128	2331
Tunnel and constructing the same	R. H. Keays	839,856	Jan. 1	97	23	126	28
Tunnel construction and ventilation	F. J. Ferrell	851,411	Apr. 23	5414	1133-4	127	2377
Tunnel-head	A. B. Bittner	862,793	Aug. 6	1130	306	129	2428
Tunnel-kiln	P. L. Youngren	868,059	Oct. 15	1338	374	130	1765
Tunnel-segment	F. F. Vandevort	852,916	May 7	1129	233	128	288
Tunnel. Submarine.	H. O. Smith	862,288	Aug. 6	300	84	129	2176
Tunnel-ventilating apparatus	C. A. Morris	855,409	May 28	6072	1269-70	128	1646
Tunnels. Means for lining	E. W. Molr	852,891	May 7	1071	220-1	128	274
Tunnels. Means for ventilating	L. G. Gebhard	872,618	Dec. 3	625	132-3	131	1265
Tunnels under water. Device for constructing	I. T. McComas	848,315	Mar. 26	5225	1140	127	1406
Tunnels. Ventilating	H. Blackman	852,995	May 7	1286	667	128	327
Tunnels. Ventilating	C. A. Morris	855,118	May 28	5555	1153-4	128	1516
Tunnels. Ventilation of	S. C. Davidson	869,297	Oct. 29	3283	904-5	130	2420
Tunneling	D. Maxwell	867,392	Oct. 1	251	72	130	1390
Tunneling apparatus	F. A. Moffitt	847,801	Mar. 19	4189	916-18	127	1113
Tunneling apparatus	D. Maxwell	867,284	Oct. 1	83	25-6	130	1339
Tunneling apparatus	D. Maxwell	867,520	Oct. 1	441	125-7	130	1453
Tunneling-machine	J. P. Karns	848,107	Mar. 26	4827	1054	127	1306
Tunneling-machine	R. B. Sigafos	864,704	Aug. 27	4079	1134	129	3446
Tunneling-machine	S. A. Knowles and W. E. Carr	875,082	Dec. 31	5692	1187-8	131	2203
Tunneling-machine	J. P. Karns	875,664	Dec. 31	6946	1447	131	2391
Tunneling through rocks	P. Ford	840,307	Jan. 1	1039	227-8	126	278
Turbine	R. H. Goldsborough	840,310	Jan. 1	1047	229	126	280
Turbine	F. D. Millard	840,576	Jan. 8	1605	352	126	454
Turbine	J. G. Callan	841,483	Jan. 15	3398	733	126	953
Turbine	G. Rischmuller	842,423	Jan. 29	5350	1133	126	1517
Turbine	A. J. Cooper	845,334	Feb. 26	5203	1104-5	126	3200
Turbine	C. Antrobus	845,675	Feb. 26	5869	1239-40	126	3365
Turbine	H. C. Karlson	846,855	Mar. 12	2290	504	127	613
Turbine	N. Becker	846,896	Mar. 12	2381	523	127	636
Turbine	F. T. Snyder	850,501	Apr. 16	3627	759	122	7538
Turbine	W. N. Hoover	851,886	Apr. 30	6384	1332-3	127	3387
Turbine	D. McArthur	852,672	May 7	612	117-18	128	160
Turbine	E. L. Schaun	853,124	May 7	1511	315	128	381
Turbine	P. Phillip	853,563	May 14	2398	499-500	128	648
Turbine	A. J. Cooper	856,623	June 11	2346	482	128	2322
Turbine	J. Gersant and G. J. J. Legrand	857,048	June 18	3128	660	128	2557
Turbine	C. A. Parsons	858,206	June 25	5426	1157	128	3169
Turbine	W. B. Sayers	860,573	July 16	3459	950-1	129	1209
Turbine	W. A. Waddell	860,712	July 23	3695	1012	129	1316
Turbine	J. H. Corthésy	865,164	Sept. 3	605	170-1	130	184
Turbine	E. Bühle	865,863	Sept. 10	1741	485	130	576
Turbine	N. Baashuus	867,566	Oct. 8	526	150	130	1493
Turbine	M. Haerberlein	867,656	Oct. 8	655	185	130	1533
Turbine	J. Hutchings	868,438	Oct. 15	1925	538-9	130	1941
Turbine	R. H. Goldsborough	868,653	Oct. 22	2282	632-3	130	2082
Turbine	R. H. Goldsborough	868,654	Oct. 22	2284	633-4	130	2082
Turbine	R. H. Goldsborough	868,655	Oct. 22	2286	634-5	130	2083
Turbine	T. J. Westerman	869,120	Oct. 22	2998	828	130	2303
Turbine	R. H. Goldsborough	869,896	Nov. 5	39	11-12	131	14
Turbine	W. Löh	870,567	Nov. 12	1091	299	131	386
Turbine	C. P. Steinmetz	872,545	Dec. 3	488	102	131	1242
Turbine	A. Oliver	873,075	Dec. 10	1627	339	131	1453
Turbine	W. S. Elliott and F. M. Faber	874,174	Dec. 17	3834	808-9	131	1847
Turbine	H. P. R. L. Pörscke	874,432	Dec. 24	4368	919	131	1966
Turbine	B. Stevens	875,131	Dec. 31	5788	1208	131	2219
Turbine adapted for the use of combustible gases at very high temperatures.	C. Rollin	867,419	Oct. 1	287	84	130	1403
Turbine and regulating means therefor	J. P. Nikonow	862,187	Aug. 6	124	34-5	129	2122
Turbine attachment	W. C. Aylor	854,620	May 21	4497	938	128	1217
Turbine-blade	J. R. Frikart and O. Jaeger	849,992	Apr. 9	2652	555	127	7925
Turbine-blade and vane	J. S. Green	856,630	June 11	2357	485	128	2326
Turbine-bucket	G. E. Stevens	863,113	Aug. 13	1642	440	129	2626
Turbine-bucket	W. F. Rice	874,993	Dec. 31	5521	1152	131	2174
Turbine bucket and nozzle	K. Ahlquist	850,200	Apr. 16	3055	639-40	127	2497
Turbine-buckets. Tool for cutting	J. Riddell	873,089	Dec. 10	1653	344	131	1457
Turbine. Compound steam-	F. Burger	840,039	Jan. 1	488	106	126	132
Turbine compressor, pump, and the like.	C. A. Parsons and A. Q. Carnegie	871,292	Nov. 19	2402	621-2	131	764
Turbine-driving means. Hydraulic	C. Herschel	873,435	Dec. 10	2318	486-7	131	1570
Turbine. Elastic-fluid	R. H. Rice	840,376	Jan. 1	1202	263	126	316
Turbine. Elastic-fluid	O. Junggren	841,254	Jan. 15	2944	640-1	126	836
Turbine. Elastic-fluid	C. W. Dake	841,486	Jan. 15	3407	734-5	126	956
Turbine. Elastic-fluid	O. Kolb	842,211	Jan. 29	4883	1042-3	126	1392
Turbine. Elastic-fluid	C. W. Dake	845,059	Feb. 26	4648	988	126	3060
Turbine. Elastic-fluid	J. G. Callan	845,448	Feb. 26	5417	1150-1	126	3252
Turbine. Elastic-fluid	O. Junggren	845,710	Feb. 26	5930	1253-4	126	3381
Turbine. Elastic-fluid	Z. H. Kevorkian	846,571	Mar. 12	1726	380-1	127	468
Turbine. Elastic-fluid	J. G. Callan and H. J. Hanzlik	848,157	Mar. 26	4902	1070	127	1325
Turbine. Elastic-fluid	D. Nishizaki	848,485	Mar. 26	5541	1207-9	127	1484
Turbine. Elastic-fluid	D. Nishizaki	848,486	Mar. 26	5544	1209-10	127	1485
Turbine. Elastic-fluid	C. W. Dake	848,587	Mar. 26	5739	1254	127	1532
Turbine. Elastic-fluid	C. W. Dake	848,588	Mar. 26	5740	1255-6	127	1533
Turbine. Elastic-fluid	W. A. Nussbaumer	849,420	Apr. 9	1590	322-3	127	2029
Turbine. Elastic-fluid	H. P. R. L. Pörscke	850,397	Apr. 16	3423	717-18	127	2537
Turbine. Elastic-fluid	W. A. Nussbaumer	852,030	Apr. 30	6730	1399	127	3440
Turbine. Elastic-fluid	W. L. Waters	853,284	May 14	1841	384-5	128	500
Turbine. Elastic-fluid	F. Samuelson	856,426	June 11	1970	405	128	2228
Turbine. Elastic-fluid	C. W. Dake	858,500	July 2	243	59	129	88
Turbine. Elastic-fluid	G. Dalén	858,860	July 2	871	227	129	300
Turbine. Elastic-fluid	S. Z. de Ferranti	859,553	July 9	1913	514-15	129	673

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Turbine. Elastic-fluid	C. G. Curtis	860,595	July 16	3491	959-61	129	1218
Turbine. Elastic-fluid	A. R. Dodge	860,967	July 23	4096	1122	129	1448
Turbine. Elastic-fluid	W. L. R. Emmet	860,969	July 23	4099	1123	129	1449
Turbine. Elastic-fluid	P. G. Roesti	861,902	July 30	5554	1533	129	1939
Turbine. Elastic-fluid	W. H. Whiteside	863,125	Aug. 13	1660	445	129	2633
Turbine. Elastic-fluid	F. R. C. Boyd	863,777	Aug. 20	2621	725-6	129	2965
Turbine. Elastic-fluid	G. Westinghouse	866,171	Sept. 17	2212	616	130	753
Turbine. Elastic-fluid	L. M. Kellogg	866,476	Sept. 17	2649	740	130	892
Turbine. Elastic-fluid	O. Junggren	868,569	Oct. 15	2119	593	130	2003
Turbine. Elastic-fluid	R. N. Ehrhart	868,768	Oct. 22	2466	682	130	2139
Turbine. Elastic-fluid	O. Junggren	868,787	Oct. 22	2497	688-9	130	2148
Turbine. Elastic-fluid	G. Dalén	872,055	Nov. 26	4042	968-9	131	1045
Turbine. Elastic-fluid	O. Junggren	873,051	Dec. 10	1572	329-30	131	1445
Turbine. Elastic-fluid	F. Samuelson	875,111	Dec. 31	5743	1198	131	2212
Turbine. Elastic-fluid	C. G. Curtis	875,244	Dec. 31	6006	1252	131	2255
Turbine element. Bladed	S. Z. de Ferranti	874,398	Dec. 24	4301	905-6	131	1955
Turbine-engine	H. Lentz	846,928	Mar. 12	2444	535	127	651
Turbine-engine	R. Toennies	849,942	Apr. 9	2574	534	127	2279
Turbine-engine	H. Lentz	864,315	Aug. 27	3438	956	129	3244
Turbine-engine	W. J. Francke	871,792	Nov. 26	3427	842	131	956
Turbine-engine. Elastic-fluid	S. Z. de Ferranti	872,806	Dec. 3	1014	213-14	131	1325
Turbine-engine. Gas	A. Du Shane	845,622	Feb. 26	5743	1216	126	3334
Turbine-engine. Steam	A. W. Jackson	840,771	Jan. 8	1972	435-6	126	547
Turbine. Explosion gas-	A. Stodola	861,329	July 30	4666	1275	129	1667
Turbine. Explosive	H. Zoelly	864,821	Sept. 3	88	25	130	29
Turbine. Explosive	F. W. Luedke	874,693	Dec. 24	4888	1028	131	2051
Turbine. Gas	H. Holzwarth	853,925	May 14	3164	646-7	128	841
Turbine-governing means	C. W. Dake	845,058	Feb. 26	4645	988	126	3059
Turbine-governing means	C. W. Dake	845,060	Feb. 26	4650	989	126	3061
Turbine-governing mechanism	J. G. Callan	845,292	Feb. 26	5126	1086-8	126	3182
Turbine-governing mechanism	E. D. Dickinson	845,339	Feb. 26	5210	1105-6	126	3202
Turbine-governing mechanism	W. L. R. Emmet	846,538	Mar. 12	1651	367	127	449
Turbine-governing mechanism	W. L. R. Emmet	848,093	Mar. 26	4805	1048	127	1301
Turbine-governing mechanism	O. Junggren	848,106	Mar. 26	4824	1053-4	127	1305
Turbine-governing mechanism	R. H. Rice	858,540	July 2	297	74-5	129	105
Turbine-governing mechanism	W. L. R. Emmet	859,286	July 9	1499	400-1	129	537
Turbine-governing mechanism	F. Samuelson	861,054	July 23	4232	1159-60	129	1489
Turbine-governing mechanism	J. G. Callan	861,085	July 23	4274	1173	129	1503
Turbine-governing mechanism	W. L. R. Emmet	861,099	July 23	4292	1178-9	129	1510
Turbine-governing mechanism	J. G. Callan	863,782	Aug. 20	2631	728	129	2968
Turbine-governing mechanism	F. Samuelson	872,377	Dec. 3	124	23	131	1186
Turbine-governing mechanism	O. Junggren	873,243	Dec. 10	1927	404-5	131	1505
Turbine-governing mechanism	J. G. Callan	874,936	Dec. 31	5391	1127	131	2155
Turbine-governing mechanism	C. H. Worsey	875,033	Dec. 31	5597	1168-9	131	2187
Turbine-governing mechanism. Elastic-fluid	F. Samuelson	844,753	Feb. 19	4056	865	126	2870
Turbine heating arrangement	K. Hoffmann	849,543	Apr. 9	1851	376-7	127	2096
Turbine. Marine	E. C. Carnit and A. Forster	874,356	Dec. 17	4203	885	131	1908
Turbine-motor	W. A. Warman	848,417	Mar. 26	5424	1183	127	1455
Turbine-motor	W. A. Warman	850,196	Apr. 16	3046	638	127	2435
Turbine motor and muffler. Combination	W. Ruff	848,127	Mar. 26	4861	1061-2	127	1314
Turbine-muffler	C. R. Crary	845,762	Mar. 5	58	12	127	18
Turbine. Multiple-stage impact-	O. Junggren	874,965	Dec. 31	5464	1142	131	2165
Turbine nozzle and diaphragm	R. H. Rice	866,068	Sept. 17	2065	576	130	706
Turbine nozzle-partition and nozzle	C. A. Backstrom	856,208	June 11	1466	309	128	2098
Turbine nozzle-partition and running-wheel	C. A. Backstrom	856,205	June 11	1463	308	128	2097
Turbine-regulating means	R. Schulz	845,583	Feb. 26	5674	1203	126	3317
Turbine regulation. Steam-	J. F. M. Patitz	863,210	Aug. 13	1788	481	129	2673
Turbine-regulator	D. Nishizaki	848,487	Mar. 26	5545	1210	127	1485
Turbine regulator. Steam-	E. C. Crocker	867,950	Oct. 15	1166	322-3	130	1711
Turbine. Reversible	J. Molas	857,090	June 18	3223	678	128	2582
Turbine. Reversible	M. H. P. R. Sankey	871,526	Nov. 19	2923	729-30	131	842
Turbine. Reversible elastic-fluid	C. W. Dake	869,773	Oct. 29	4041	1115-16	130	2648
Turbine. Reversible steam-	N. R. Smith	866,530	Sept. 17	2722	760-1	130	913
Turbine reversing mechanism	H. P. Christensen	871,107	Nov. 19	1984	542	131	701
Turbine. Reversing steam-	W. C. Gardiner	854,482	May 21	4246	878-9	128	1156
Turbine running-wheel	C. A. Backstrom	856,203	June 11	1461	308	128	2097
Turbine running-wheel	C. A. Backstrom	856,207	June 11	1465	309	128	2098
Turbine-shaft bearings. Lubricating system for	A. H. Kruesi	846,796	Mar. 12	2167	476-7	127	582
Turbine. Steam	H. P. Hill	840,457	Jan. 1	1345	298	126	351
Turbine. Steam	S. Cook	842,083	Jan. 22	4582	985	126	1281
Turbine. Steam	F. D. Shepherd	843,237	Feb. 5	817	168	126	2001
Turbine. Steam	H. Kessler	843,537	Feb. 5	1406	296	126	2144
Turbine. Steam	W. L. R. Emmet	845,295	Feb. 26	5138	1090-1	126	3186
Turbine. Steam	R. Schulz	845,980	Mar. 5	526	108-9	127	136
Turbine. Steam	C. V. Kerr	846,747	Mar. 12	2066	453	127	555
Turbine. Steam	J. L. Moore	846,752	Mar. 12	2075	455	127	558
Turbine. Steam	A. Bonom	848,432	Mar. 26	5451	1188	127	1462
Turbine. Steam	J. Beishlag	849,455	Apr. 9	1649	334	127	2047
Turbine. Steam	F. C. Roberts	849,699	Apr. 9	2125	437	127	2164
Turbine. Steam	I. Abbott	854,447	May 21	4191	868	128	1143
Turbine. Steam	E. Harvey	854,494	May 21	4269	883	128	1162
Turbine. Steam	R. Wilson	854,788	May 28	4858	1009	128	1338
Turbine. Steam	A. H. Smith	857,965	June 25	4939	1044	128	3044
Turbine. Steam	C. A. Parsons	858,205	June 25	5424	1156-7	128	3169
Turbine. Steam	S. T. Holly	858,599	July 2	415	107-8	129	148
Turbine. Steam	P. J. Hedlund	858,869	July 2	880	229	129	302
Turbine. Steam	T. F. Sheridan	860,108	July 16	2762	754	129	977
Turbine. Steam	J. W. Smith	861,909	July 30	5564	1537-8	129	1942
Turbine. Steam	J. W. Smith	862,118	July 30	5901	1634	129	2047
Turbine. Steam	R. Schulz	864,199	Aug. 27	3275	908	129	3196
Turbine. Steam	J. K. Clark	865,160	Sept. 3	599	168	130	182
Turbine. Steam	A. Patschke	866,958	Sept. 24	3380	956	130	1155
Turbine. Steam	R. Schulz	867,611	Oct. 8	590	168-9	130	1514
Turbine. Steam	R. Schulz	868,134	Oct. 15	1441	405	130	1796
Turbine. Steam	H. G. Robinson	868,943	Oct. 22	2739	755-6	130	2233

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Turbine. Steam-.....	M. H. P. R. Sankey.....	874,443	Dec. 24	4384	922	131	1970
Turbine. Steam-.....	C. F. Barth.....	875,644	Dec. 31	6891	1437	131	2384
Turbine-vane.....	C. A. Packstrom.....	853,334	May 14	1969	407	128	538
Turbine-vane.....	J. F. M. Patitz.....	875,374	Dec. 31	6264	1307	131	2296
Turbine. Water-.....	A. Nelson.....	860,988	July 23	4143	1134	129	1462
Turbine. Water-.....	F. and W. T. Mattausch and J. F. Schlossstein.....	871,720	Nov. 19	3258	807	131	902
Turbine-wheel.....	H. Keller.....	841,255	Jan. 15	2949	641	126	838
Turbine-wheel.....	J. F. M. Patitz.....	867,407	Oct. 1	267	78	130	1395
Turbine-wheel.....	E. Imle.....	873,241	Dec. 10	1924	404	131	1504
Turbine-wheel.....	W. D. Boyce and H. Guels.....	873,344	Dec. 10	2162	451	131	1540
Turbine. Wind-.....	J. W. Higby and J. A. Miller.....	863,715	Aug. 20	2522	696	129	2934
Turbines and fluid-pumps. Runner for.....	N. W. Akimoff.....	854,012	May 21	3341	686	128	926
Turbines. Attachment of blades for.....	V. Gelpke and P. Kugel.....	841,503	Jan. 15	3446	742	126	968
Turbines. Bearing for elastic-fluid.....	W. L. R. Emmet and O. Junggren.....	874,947	Dec. 31	5425	1134	131	2159
Turbines. Bucket for elastic-fluid.....	E. H. Farquhar.....	846,739	Mar. 12	2051	450-1	127	552
Turbines. Combined bushing and bearing for shafts of steam-.....	C. V. Kerr.....	846,746	Mar. 12	2064	453	127	555
Turbines. Condenser for elastic-fluid.....	A. T. Gray.....	873,041	Dec. 10	1552	325	131	1441
Turbines. Diaphragm and nozzle construction for.....	O. Junggren.....	840,132	Jan. 1	703	150	126	192
Turbines. Fastening of blades in.....	R. Schulz.....	845,901	Mar. 5	363	73-4	127	94
Turbines. Gate-moving mechanism for a series of.....	F. Ellicott.....	858,800	July 2	766	200-1	129	268
Turbines. Means for decreasing leakage in.....	O. Junggren.....	841,253	Jan. 15	2941	640	126	836
Turbines. Means for decreasing leakage in.....	O. Junggren.....	841,650	Jan. 15	3712	807	126	1034
Turbines. Means for securing buckets in.....	C. E. Little.....	841,258	Jan. 15	2954	642	126	838
Turbines. Means for supplying lubricant for the bearings of elastic-fluid.....	A. H. Kruesi.....	846,794	Mar. 12	2158	475	127	579
Turbines. Nozzle for elastic-fluid.....	H. S. Baldwin.....	874,923	Dec. 31	5373	1124	131	2151
Turbines. Surface condenser for.....	W. L. R. Emmet.....	845,294	Feb. 26	5135	1089-90	126	3185
Turbines. System of lubrication for.....	W. L. R. Emmet.....	847,050	Mar. 12	2676	588-9	127	708
Turbines. System of lubrication for elastic-fluid.....	W. L. R. Emmet.....	869,138	Oct. 22	3025	836	130	2310
Turbo-generator.....	J. G. Callan.....	840,040	Jan. 1	491	107-8	126	132
Turbo-generator.....	J. G. Callan.....	840,431	Jan. 1	1297	285-6	126	339
Turfing-machine.....	J. J. Baird.....	866,557	Sept. 17	2756	772	130	923
Turfing-machine.....	J. J. Baird.....	868,521	Oct. 15	2052	576	130	1980
Turn-button.....	J. A. Gregg.....	871,269	Nov. 19	2334	609	131	755
Turn-designating apparatus and coin-counter. Combined.....	A. W. Mahon.....	841,554	Jan. 15	3521	761	126	986
Turn-table.....	J. C. Fleming.....	870,669	Nov. 12	1266	345	131	446
Turn-table-operating mechanism.....	J. L. Pilling.....	864,799	Sept. 3	55	16	130	20
Turn-table-operating mechanism.....	J. L. Pilling.....	864,800	Sept. 3	56	16	130	20
Turner's tool.....	J. H. Tripp.....	850,874	Apr. 16	4353	912	127	2773
Turning-machine.....	W. H. Berkheiser.....	875,495	Dec. 31	6490	1355	131	2334
Turning-tool.....	J. Hartness.....	860,802	July 23	3828	1049-50	129	1360
Turning-tool and calipers. Combined.....	R. S. Whipple and J. A. Ollessak.....	846,272	Mar. 5	1095	237	127	279
Turnstile.....	G. M. Beerbower.....	861,351	July 30	4706	1285	129	1682
Turpentine and other products from wood. Extracting.....	M. McKenzie.....	851,687	Apr. 30	5989	1250	127	3248
Turpentine and other substances from wood. Apparatus for extracting.....	M. McKenzie.....	852,236	Apr. 30	7099	1485	127	3533
Turpentine-box.....	A. C. McLeod.....	844,889	Feb. 19	4323	922	126	2939
Turpentine-cup and attachment.....	J. J. Palmer.....	864,385	Aug. 27	3542	984	129	3277
Turpentine-cup or sap-receptacle. Sheet-metal.....	E. R. Philip and J. Kohke.....	857,900	June 25	4783	1015	128	3004
Turpentine from wood. Apparatus for extracting.....	G. R. Pride.....	840,955	Jan. 8	2341	514	126	638
Turpentine from wood. Apparatus for extracting.....	H. Rasche.....	850,098	Apr. 9	2844	595	127	2344
Turpentine from wood. Obtaining.....	J. W. Thompson and T. J. Newsum.....	862,680	Aug. 6	963	257	129	2381
Turpentine-gathering receptacle.....	H. M. Winchester.....	840,181	Jan. 1	788	172	126	212
Turpentine-hack.....	N. B. Stone.....	843,915	Feb. 12	2128	455	126	2361
Turpentine-hack.....	E. H. Walton.....	865,833	Sept. 10	1704	473	130	565
Turpentine-hack.....	C. H. Driver.....	873,032	Dec. 10	1531	320	131	1438
Turret-head.....	H. H. Wogaman.....	853,570	May 14	2413	503	128	652
Turret-machine. Multiple-spindle automatic.....	G. G. Prentice.....	874,035	Dec. 17	3508	748-9	131	1801
Turret-tool-post.....	G. E. Greenleaf.....	848,822	Apr. 2	450	88	127	1701
Tweezers.....	J. C. Hurd.....	849,789	Apr. 9	2292	471	127	2206
Twine and thread cutter.....	H. Myer and M. Koeniges.....	851,245	Apr. 23	5078	1068	127	2990
Twine-cutter.....	G. R. Peterson and W. E. Moen.....	847,812	Mar. 19	4238	928	127	1123
Twine-holder.....	J. D. Boudreaux.....	843,435	Feb. 5	1178	248	126	2086
Twine-holder.....	G. Hanscom.....	848,648	Apr. 2	49	11	127	1597
Twine-holder.....	W. H. Reynolds.....	864,336	Aug. 27	3466	965	129	3253
Twine holder and lift.....	J. N. Taylor and J. B. Tull.....	866,086	Sept. 17	2092	582	130	714
Twine-holder for binding corn, grain, &c.....	H. G. Hurst and W. H. Roth.....	874,770	Dec. 24	5042	1062	131	2077
Twine machine. Grass-.....	T. W. Jerrens.....	860,978	July 23	4116	1127-8	129	1454
Twine-reeling machine.....	A. J. Crandall.....	850,734	Apr. 16	4077	852-3	127	2700
Twist-drill.....	G. J. Bragg.....	867,639	Oct. 8	634	179	130	1528
Twisting and spinning machines. Construction of carrier-bar mechanisms for.....	F. R. Jones.....	851,672	Apr. 30	5950	1243	127	3238
Twisting-frame.....	F. A. Paige.....	846,605	Mar. 12	1813	399	127	491
Twisting together the filaments of a thread of artificial silk. Machine for.....	M. Waddell.....	867,623	Oct. 8	611	173	130	1521
Two-cycle engine.....	W. A. St. Germain.....	874,634	Dec. 24	4769	1002	131	2032
Twyer.....	J. F. Flewelling.....	860,287	July 16	3022	827	129	1063
Twyer.....	H. B. Keiper.....	874,893	Dec. 24	5262	1108	131	2115
Twyer construction.....	U. A. Garred.....	849,539	Apr. 9	1847	375	127	2095
Twyer-stocks. Peep-sight for.....	S. Hosking.....	846,475	Mar. 12	1524	338	127	416
Tympan-bale.....	J. C. A. Anderson.....	868,241	Oct. 15	1599	453	130	1844
Type. Apparatus for exactly printing or impressing.....	A. J. Langen.....	849,142	Apr. 2	1081	216	127	1865
Type-bar.....	F. H. Richards.....	858,756	July 2	679	179	129	235
Type-bar and hanger and constructing same.....	W. R. Fox.....	852,428	May 7	37	8	128	13
Type-bar and typographic form.....	F. H. Richards.....	862,511	Aug. 6	687	186	129	2300
Type-bar blank.....	F. H. Richards.....	858,755	July 2	678	179	129	235
Type-bar machine.....	A. J. Kletzker and J. G. Goessel.....	840,346	Jan. 1	1113	242-7	126	297
Type-cabinet. Revolving.....	G. H. Till and P. O. Krumm.....	858,428	July 2	101	29	129	35
Type casting and composing machine.....	W. E. Brand.....	862,800	Aug. 6	1138	308-12	129	2431
Type casting and setting machine.....	O. Uhlworm.....	874,262	Dec. 17	4019	848-50	131	1877

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Type-casting machine	R. Drummond and W. C. Lieberknecht.	848,352	Mar. 26	5297	1155-6	127	1423
Type-casting machine	H. M. Duncan, C. H. Prichard, and C. R. Macauley.	864,087	Aug. 20	3081	851	129	3106
Type-casting machine	F. A. Johnson.	867,277	Oct. 1	72	21-3	130	1336
Type-casting machine. Automatic	L. B. Benton.	851,855	Apr. 30	6329	1321	127	3339
Type-casting-machine mold	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.	855,225	May 28	5752	1198	128	1566
Type-casting machine. Single-	L. Schmidt.	841,457	Jan. 15	3345	722	126	940
Type-casting machine. Single-	L. Schmidt.	843,304	Feb. 5	965	198	126	2035
Type-casting machines. Matrix-plate for	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.	845,684	Feb. 26	5889	1243	126	3370
Type-casting machines. Pump mechanism for	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.	856,026	June 4	1118	233	128	1977
Type-casting mold	P. G. Nuernberger and G. Rettig, Jr.	853,647	May 14	2572	534-5	128	693
Type characters. Matrix for casting	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.	845,512	Feb. 26	5552	1176	126	3287
Type-cleaner	E. A. Johnson.	874,010	Dec. 17	3460	737	131	1794
Type-cleaning device	W. T. Bentz and M. F. Capron.	848,151	Mar. 26	4892	1068	127	1322
Type-distributing machine	D. B. Ray.	845,261	Feb. 26	5044	1074-5	126	3162
Type-distributing machine	A. Dow.	858,584	July 2	370	94-8	129	131
Type-distributing machines. Type-channel for	D. B. Ray.	843,173	Feb. 5	681	142	126	1986
Type font or holder	S. Brown.	865,365	Sept. 10	1272	361	130	416
Type in type-galleys. Clamping	R. W. Goeb.	848,896	Apr. 2	609	121	127	1744
Type-justifier	B. M. Des Jardins.	844,555	Feb. 19	3426	737-9	126	2719
Type-justifier	B. M. Des Jardins.	844,558	Feb. 19	3455	742-3	126	2727
Type-justifier	B. M. Des Jardins.	844,559	Feb. 19	3463	743-4	126	2729
Type-justifier	B. M. Des Jardins.	844,560	Feb. 19	3472	745-6	126	2732
Type-justifier	B. M. Des Jardins.	844,561	Feb. 19	3482	746-7	126	2734
Type-justifying machine	B. M. Des Jardins.	844,556	Feb. 19	3440	739-41	126	2724
Type-justifying machine	B. M. Des Jardins.	844,557	Feb. 19	3448	741-2	126	2726
Type-justifying machine	B. M. Des Jardins.	844,562	Feb. 19	3491	748-51	126	2736
Type-justifying machine	B. M. Des Jardins.	844,563	Feb. 19	3532	752-5	126	2749
Type-justifying machine	B. M. Des Jardins.	844,564	Feb. 19	3556	755-9	126	2752
Type-justifying machine	W. J. Ennisson.	844,565	Feb. 19	3583	759-64	126	2758
Type-justifying machine	W. J. Ennisson.	844,566	Feb. 19	3617	764-5	126	2764
Type-justifying machine	W. J. Ennisson.	844,567	Feb. 19	3622	765-6	126	2766
Type-justifying machine	W. J. Ennisson.	844,568	Feb. 19	3628	766-74	126	2767
Type-justifying machine	W. J. Ennisson.	844,569	Feb. 19	3676	774-6	126	2777
Type-machine mold	J. S. Bancroft.	857,712	June 25	4415	932-3	128	2914
Type-machines and the like. Gas-governor for	C. W. Seaward.	856,815	June 11	2690	555	128	2410
Type-machines. Composing mechanism for	A. J. Benton.	863,965	Aug. 20	2910	802	129	3054
Type-making machine	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.	843,576	Feb. 12	1494	317	126	2200
Type-matrices and other bodies. Machine for grinding	F. H. Pierpont.	864,030	Aug. 20	2995	828	129	3079
Type-matrices and types. Justifying mechanism for	E. V. Beals.	867,867	Oct. 8	980	280-1	130	1632
Type-matrix	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.	854,460	May 21	4210	871	128	1148
Type. Metal	J. S. Duncan.	853,540	May 14	2351	489	128	637
Type-metal-melting pot	H. F. Bechman.	857,433	June 18	3859	820	128	2741
Type-mold	E. A. Eschinger.	857,728	June 25	4449	940	128	2923
Type mold and matrix	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.	845,686	Feb. 26	5891	1243	126	3370
Type-ribbon spool or holder. Sheet-metal	G. F. Miller.	857,818	June 25	4632	982	128	2969
Type-setting and distributing machine	L. Lebrun.	854,095	May 21	3524	727	128	970
Type-setting and type-casting machines. Lifter attachment for	E. C. Lampson.	861,864	July 30	5502	1519	129	1923
Type-setting machine	C. S. Wright.	845,287	Feb. 26	5118	1085	126	3181
Type-setting machine	A. Dow.	858,585	July 2	383	98-101	129	136
Type-setting machine	A. Schiepe.	859,583	July 9	1957	528	129	687
Type-setting machine	W. P. Quentell.	863,442	Aug. 13	2119	571	129	2777
Type-setting machine	O. G. C. Schmitt.	863,453	Aug. 13	2135	575-6	129	2781
Type-setting machine	E. Terrell.	870,699	Nov. 12	1309	358	131	461
Type-setting-machine gage	J. T. Wilson.	871,902	Nov. 26	3673	896	131	994
Type-setting-machine operating-bands. Mechanism for perforating automatic	H. Drewell.	851,504	Apr. 23	5592	1170-1	127	3118
Type-setting machines. Apparatus for the electric operation of	H. Drewell.	864,519	Aug. 27	3769	1047-8	129	3352
Type-setting machines. Mechanism for perforating the operating-bands of automatic	H. Drewell.	866,343	Sept. 17	2466	688-9	130	832
Type. Sorts-machine for making	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.	861,430	July 30	4843	1329-31	129	1723
Type. Sorts-machine for making	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.	861,431	July 30	4858	1332-3	129	1726
Type. Sorts-machine for making	F. H. Brown, J. E. Hanrahan, and G. A. Boyden. (Reissue.)	12,726	Dec. 3	1423	298-300	131	1392
Type, spaces, and quads. Mold for casting	F. H. Brown, J. E. Hanrahan, and G. A. Boyden.	852,162	Apr. 30	6968	1455	127	3499
Type-writer	G. W. Donning.	840,122	Jan. 1	680	146	126	185
Type-writer	J. J. Hannahs and A. A. Hieber.	840,768	Jan. 8	1966	433-4	126	545
Type-writer	C. T. Brown.	843,997	Feb. 12	2270	485	126	2395
Type-writer	E. B. Pierce.	844,183	Feb. 12	2612	559-60	126	2478
Type-writer	N. R. Graham.	845,229	Feb. 26	4989	1061	126	3148
Type-writer	W. E. Risinger.	845,264	Feb. 26	5056	1076	126	3165
Type-writer	J. B. Hammond.	846,027	Mar. 5	626	131	127	161
Type-writer	C. S. Watson.	854,187	May 21	3711	767-8	128	1019
Type-writer	C. Gibbs.	854,484	May 21	4251	880	128	1158
Type-writer	J. Volker.	856,377	June 11	1865	384	128	2202
Type-writer	G. H. Smith.	858,356	June 25	5710	1218-20	128	3246
Type-writer	N. L. Anderson.	859,476	July 9	1789	481	129	633
Type-writer	F. J. Dyett.	859,490	July 9	1809	486	129	639
Type-writer	G. D. Lord.	860,876	July 23	3940	1080	129	1396
Type-writer	M. C. Bledsoe and G. F. Blumenkamp.	861,943	July 30	5626	1559	129	1963
Type-writer	R. W. Walker.	862,774	Aug. 6	1107	298-9	129	2422

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Type-writer.....	G. A. Aldrich.....	865,147	Sept. 3	582	164	130	177
Type-writer.....	J. T. Porter.....	866,514	Sept. 17	2693	753-4	130	906
Type-writer.....	L. R. Roberts.....	867,674	Oct. 8	679	192	130	1540
Type-writer.....	E. V. Beals.....	867,868	Oct. 8	987	281-2	130	1634
Type-writer.....	C. Gibbs. (Reissue).....	12,702	Oct. 15	2250	623	130	2047
Type-writer.....	E. J. Barker.....	870,336	Nov. 5	735	197-8	131	240
Type-writer.....	E. D. Brewer.....	871,026	Nov. 12	1841	503-4	131	625
Type-writer.....	W. A. Lorenz.....	871,283	Nov. 19	2375	615	131	761
Type-writer.....	C. T. Brown. (Reissue).....	12,720	Nov. 19	3372	827	131	918
Type-writer.....	C. S. Du Belle.....	873,304	Dec. 10	2063	431-2	131	1526
Type-writer.....	H. L. Fisher.....	874,056	Dec. 17	3565	759-60	131	1809
Type-writer.....	H. L. Fisher.....	874,057	Dec. 17	3577	760	131	1809
Type-writer.....	O. Cord.....	874,661	Dec. 24	4826	1013	131	2041
Type-writer.....	E. Mirus.....	874,695	Dec. 24	4894	1029	131	2052
Type-writer adding attachment.....	J. C. Lotterhand.....	871,761	Nov. 19	3349	824-5	131	916
Type-writer and adder. Automatic key-connecting means for a combined.....	P. H. Turley.....	856,318	June 11	1709	355-6	128	2161
Type-writer attachment.....	J. Edwards.....	840,123	Jan. 1	684	146-7	126	187
Type-writer attachment.....	R. W. Scoggin.....	840,384	Jan. 1	1220	266	126	321
Type-writer attachment.....	W. C. Plank.....	843,360	Feb. 5	1061	219	126	2058
Type-writer attachment.....	E. W. Sweigard.....	844,699	Feb. 19	3944	836	126	2841
Type-writer attachment.....	C. D. King and A. H. Milstead.....	846,671	Mar. 12	1927	424-5	127	520
Type-writer attachment.....	H. B. Febiger.....	855,052	May 28	5400	1122	128	1478
Type-writer attachment.....	G. W. Campbell.....	863,356	Aug. 13	2009	541	129	2744
Type-writer attachment.....	J. I. Porter.....	864,987	Sept. 3	356	95	130	112
Type-writer attachment.....	J. Oettinger.....	871,815	Nov. 26	3481	853	131	964
Type-writer cabinet.....	C. B. Perry.....	846,243	Mar. 5	1048	225	127	267
Type-writer cabinet.....	F. W. Tobey.....	848,783	Apr. 2	328	67	127	1670
Type-writer cabinet.....	F. J. Sitts.....	852,805	May 7	883	180	128	225
Type-writer carriage.....	E. B. Cram.....	849,055	Apr. 2	883	180-1	127	1813
Type-writer carriage.....	B. T. Bruce. (Reissue).....	12,694	Sept. 10	1924	539	130	632
Type-writer carriage-actuating mechanism.....	J. B. Vidal.....	859,027	July 2	1116	297	129	380
Type-writer carriage mechanism.....	C. J. Paulson.....	861,314	July 30	4637	1267-8	129	1659
Type-writer carriage-shifting mechanism.....	W. E. Ingram.....	862,638	Aug. 6	904	242	129	2364
Type-writer carriages. Auxiliary stop for.....	W. R. Fox.....	856,629	June 11	2355	485	128	2325
Type-writer case.....	J. B. Vidal.....	859,028	July 2	1117	297	129	380
Type-writer cover. Office folding.....	G. R. Bright.....	850,289	Apr. 16	3209	669	127	2479
Type-writer cylinder.....	E. Noguera.....	860,559	July 16	3428	942	129	1198
Type-writer. Electrical.....	G. W. Donning.....	840,121	Jan. 1	675	146	126	183
Type-writer feed mechanism.....	F. Schuler.....	865,214	Sept. 3	685	195	130	208
Type-writer feeding attachment.....	F. D. Bullard.....	852,100	Apr. 30	6845	1429	127	3468
Type-writer line-lock mechanism.....	W. R. Fox.....	853,965	May 21	3256	668	128	904
Type-writer mechanism.....	J. B. Secor.....	869,526	Oct. 29	3652	1001	130	2532
Type-writer. Music.....	L. C. and I. F. Badeau.....	841,101	Jan. 15	2664	583	126	766
Type-writer. Music.....	L. C. and I. F. Badeau.....	846,443	Mar. 12	1463	325-6	127	399
Type-writer operator.....	B. F. Hutches, Jr.....	848,653	Apr. 2	58	13-15	127	1599
Type-writer platens. Clutch for.....	W. Ruger, Jr.....	849,751	Apr. 9	2227	457	127	2191
Type-writer ribbon attachment.....	W. F. Enders.....	872,113	Nov. 26	4154	994	131	1064
Type-writer ribbon-feed mechanism.....	W. A. McCool.....	870,307	Nov. 5	384	183-4	131	224
Type-writer ribbon-feeding mechanism.....	C. W. Sponsel.....	871,373	Nov. 19	2573	659	131	790
Type-writer ribbon-holder.....	M. B. Nixon.....	873,071	Dec. 10	1617	337	131	1452
Type-writer ribbon mechanism.....	A. Schneeloch.....	849,339	Apr. 2	1443	292-3	127	1954
Type-writer ribbon mechanism.....	W. R. Fox.....	854,207	May 21	3744	774	128	1027
Type-writer ribbon-shift.....	C. J. Paulson.....	872,447	Dec. 3	265	55	131	1210
Type-writer ribbon-vibrating movement.....	G. Scherer and J. Lindburg.....	842,814	Jan. 29	6181	1306	126	1720
Type-writer selecting and operating means. Electrical.....	G. W. Donning.....	840,120	Jan. 1	665	144-5	126	180
Type-writer shield.....	L. C. Stoughton.....	851,325	Apr. 23	5248	1100	127	3035
Type-writer shift-key mechanism.....	M. S. Cumner.....	873,730	Dec. 17	2917	619	131	1703
Type-writer shifting mechanism.....	C. C. Chrisman.....	856,942	June 11	2909	610	128	2461
Type-writer shifting mechanism.....	J. B. Vidal.....	859,026	July 2	1115	296	129	380
Type-writer spacing mechanism.....	C. J. Mohns.....	842,794	Jan. 29	6153	1298	126	1713
Type-writer tabulator.....	B. Gereben.....	872,324	Apr. 30	7251	1524	127	3568
Type-writer tabulator.....	P. B. Tingley.....	852,988	May 7	1266	262-3	128	323
Type-writer tabulator.....	P. B. Tingley.....	852,989	May 7	1270	263-4	128	323
Type-writer tabulator.....	F. G. Kell.....	862,255	Aug. 6	235	66-7	129	2155
Type-writer tabulator.....	J. H. Whitaker and F. H. Hubbard.....	874,272	Dec. 17	4043	854-5	131	1880
Type-writer tabulating device.....	G. W. Campbell.....	867,243	Oct. 1	21	7	130	1322
Type-writer with tabulating mechanism.....	F. W. Hunt.....	841,871	Jan. 22	4189	901-3	126	1191
Type-writer work-guide.....	G. W. Donning.....	840,119	Jan. 1	663	144	126	180
Type-writers. Automatic paper-feeder for.....	B. F. Hutches, Jr.....	848,654	Apr. 2	65	15-16	127	1601
Type-writers. Bearing for type-bars of.....	L. R. Roberts.....	860,766	July 23	3777	1036	129	1342
Type-writers. Combined base-pad and copy-holder for.....	C. C. Chrisman.....	862,808	Aug. 6	1171	315	129	2442
Type-writers. Eraser for.....	E. C. McFadden.....	852,191	Apr. 30	7021	1466	127	3513
Type-writers. Light-reflecting attachment for.....	L. J. Sims.....	849,862	Apr. 9	2444	500	127	2246
Type-writers. Manifolding means for flat-platen.....	H. J. Halle.....	843,012	Feb. 5	337	74-5	126	1875
Type-writers. Paper and envelop feeding attachment for.....	S. D. Ruth.....	857,677	June 25	4333	916	128	2893
Type-writers. Paper-feeding mechanism for.....	J. Maynard.....	842,680	Jan. 29	5918	1246	126	1657
Type-writers. Platen-rotating mechanism for.....	H. J. Otto.....	869,386	Oct. 29	3420	940	130	2461
Type-writers. Polychrome-ribbon attachment for.....	J. A. Ruffin.....	846,026	Mar. 5	624	131	127	160
Type-writers. Right-hand marginal release device for.....	T. L. Knapp and C. C. Harting.....	862,566	Aug. 6	794	212	129	2330
Type-writers. Sight attachment for.....	J. B. Hammond.....	846,025	Mar. 5	622	130	127	160
Type-writers. Type-cleaning device for.....	D. Briggs.....	866,427	Sept. 17	2579	721	130	870
Type-writers. Variable-feed mechanism for.....	F. Schuler.....	844,289	Feb. 12	2852	608	126	2540
Type-writing and adding machine. Combined.....	A. H. Ellis.....	852,016	Apr. 30	6666	1388-93	127	3421
Type-writing and adding machine. Automatic key-connecting means for combined.....	J. A. Smith.....	863,232	Aug. 13	1831	492-3	129	2687
Type-writing and analogous machines. Cap for keys of.....	E. D. Conklin.....	870,275	Nov. 5	627	168	131	204
Type-writing and other key-operated machines. Key-action for.....	J. T. Schaaff.....	842,586	Jan. 29	5681	1202	126	1598
Type-writing and other machines. Keyboard for.....	J. B. Vidal.....	865,459	Sept. 10	1086	310	130	360
Type-writing and printing machine. Combined.....	W. H. Collier.....	858,857	July 2	865	225-6	129	297
Type-writing and printing machine. Combined.....	W. H. Collier.....	866,624	Sept. 24	2867	810	130	991

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Type-writing attachment for adding-machines.....	E. B. Cram.....	853,297	May 14	1885	390-4	128	513
Type-writing attachment for adding-machines.....	E. B. Cram.....	853,298	May 14	1899	394-5	128	519
Type-writing attachment for adding-machines.....	A. G. Meier.....	853,709	May 14	2704	557-8	128	729
Type-writing. Erasing appliance for use in.....	C. White.....	857,700	June 25	4395	928	128	2909
Type-writing machine.....	H. L. Wagner.....	839,908	Jan. 1	212	47	126	59
Type-writing machine.....	H. A. Briggs.....	840,554	Jan. 8	1548	342-4	126	441
Type-writing machine.....	C. W. Walker.....	841,288	Jan. 15	3005	654	126	851
Type-writing machine.....	G. Swenson.....	841,352	Jan. 15	3152	679	126	890
Type-writing machine.....	W. Fraser.....	842,396	Jan. 29	5281	1121	126	1497
Type-writing machine.....	B. C. Stickney.....	842,434	Jan. 29	5376	1137-8	126	1525
Type-writing machine.....	J. Felbel.....	842,451	Jan. 29	5413	1149	126	1533
Type-writing machine.....	J. D. Powell.....	843,032	Feb. 5	383	85	126	1889
Type-writing machine.....	D. A. Carpenter.....	843,071	Feb. 5	454	99	126	1908
Type-writing machine.....	A. W. Hewitt.....	843,085	Feb. 5	502	105	126	1922
Type-writing machine.....	J. A. Wherry.....	843,247	Feb. 5	841	173	126	2007
Type-writing machine.....	J. A. Wherry.....	843,248	Feb. 5	844	173	126	2008
Type-writing machine.....	C. P. Mosher.....	843,545	Feb. 5	1424	300	126	2148
Type-writing machine.....	E. F. Kunath.....	843,828	Feb. 12	1939	415	126	2314
Type-writing machine.....	E. G. Latta.....	843,831	Feb. 12	1955	418-19	126	2318
Type-writing machine.....	B. C. Stickney.....	843,914	Feb. 12	2127	454-5	126	2360
Type-writing machine.....	S. H. Donaldson.....	844,264	Feb. 12	2809	599	126	2529
Type-writing machine.....	C. Gabrielson.....	844,446	Feb. 19	3181	686-7	126	2660
Type-writing machine.....	J. F. McElhinny.....	844,532	Feb. 19	3377	728	126	2709
Type-writing machine.....	P. T. Dodge.....	844,666	Feb. 19	3880	821	126	2826
Type-writing machine.....	A. Schneeloch.....	844,756	Feb. 19	4062	866-7	126	2871
Type-writing machine.....	F. J. Dyett.....	845,066	Feb. 26	4664	991	126	3064
Type-writing machine.....	J. W. Hays.....	845,234	Feb. 26	4997	1062-3	126	3150
Type-writing machine.....	E. F. Kunath.....	845,240	Feb. 26	5010	1065	126	3153
Type-writing machine.....	G. F. Newmann.....	845,251	Feb. 26	5027	1069-70	126	3158
Type-writing machine.....	B. A. Brooks.....	846,978	Mar. 12	2532	558	127	674
Type-writing machine.....	E. G. Latta.....	847,343	Mar. 19	3239	714	127	874
Type-writing machine.....	E. G. Latta.....	847,415	Mar. 19	3396	743-4	127	915
Type-writing machine.....	H. S. McCormack.....	847,428	Mar. 19	3429	752	127	923
Type-writing machine.....	J. B. Secor.....	847,702	Mar. 19	3995	873	127	1068
Type-writing machine.....	J. B. Secor.....	847,835	Mar. 19	4275	936-8	127	1133
Type-writing machine.....	E. G. Latta.....	847,990	Mar. 19	4596	1008-9	127	1209
Type-writing machine.....	J. C. McLaughlin.....	848,316	Mar. 26	5226	1140	127	1407
Type-writing machine.....	R. Seidelinger.....	848,402	Mar. 26	5387	1175-6	127	1444
Type-writing machine.....	H. L. Wagner.....	848,520	Mar. 26	5608	1226	127	1499
Type-writing machine.....	E. F. Kunath.....	848,560	Mar. 26	5673	1242	127	1516
Type-writing machine.....	W. F. Helmond.....	848,649	Apr. 2	50	11	127	1597
Type-writing machine.....	H. S. McCormack.....	848,678	Apr. 2	111	25	127	1613
Type-writing machine.....	F. X. Wagner.....	848,707	Apr. 2	173	37	127	1631
Type-writing machine.....	F. X. Wagner.....	848,708	Apr. 2	179	37-8	127	1633
Type-writing machine.....	H. L. Wagner.....	848,709	Apr. 2	180	38	127	1633
Type-writing machine.....	H. S. McCormack.....	848,764	Apr. 2	281	58	127	1658
Type-writing machine.....	F. X. Wagner.....	848,787	Apr. 2	346	69	127	1677
Type-writing machine.....	H. L. Wagner.....	848,788	Apr. 2	348	69	127	1678
Type-writing machine.....	J. J. Hannahs and A. A. Hieber.....	849,127	Apr. 2	1040	210-11	127	1853
Type-writing machine.....	J. J. Hannahs and A. A. Hieber.....	849,128	Apr. 2	1055	211-12	127	1858
Type-writing machine.....	F. A. Young.....	849,450	Apr. 9	1640	333	127	2044
Type-writing machine.....	E. F. Kunath.....	849,628	Apr. 9	2007	411	127	2134
Type-writing machine.....	A. T. Brown.....	849,829	Apr. 9	2357	484-5	127	2224
Type-writing machine.....	L. P. Diss.....	849,834	Apr. 9	2374	486-7	127	2229
Type-writing machine.....	L. P. Diss.....	849,835	Apr. 9	2382	487	127	2231
Type-writing machine.....	L. B. Copeland.....	849,888	Apr. 9	2487	512-13	127	2257
Type-writing machine.....	J. D. Daugherty.....	850,110	Apr. 9	2870	601	127	2350
Type-writing machine.....	G. H. Smith.....	850,187	Apr. 16	3027	633-4	127	2429
Type-writing machine.....	H. S. McCormack.....	850,310	Apr. 16	3252	677-8	127	2462
Type-writing machine.....	E. F. Kunath.....	850,839	Apr. 16	4279	898	127	2752
Type-writing machine.....	J. C. McLaughlin.....	850,846	Apr. 16	4295	902	127	2756
Type-writing machine.....	H. S. McCormack.....	850,890	Apr. 16	4386	918	127	2781
Type-writing machine.....	B. C. Stickney.....	851,142	Apr. 23	4835	1019	127	2930
Type-writing machine.....	B. C. Stickney.....	851,143	Apr. 23	4842	1020	127	2933
Type-writing machine.....	F. X. Wagner.....	851,264	Apr. 23	5121	1077-8	127	3000
Type-writing machine.....	F. E. Haun.....	851,287	Apr. 23	5171	1086	127	3015
Type-writing machine.....	C. W. Walker.....	851,847	Apr. 30	6313	1317	127	3334
Type-writing machine.....	C. W. Howell.....	851,988	Apr. 30	6600	1375-6	127	3407
Type-writing machine.....	L. P. Diss.....	852,014	Apr. 30	6661	1387	127	3420
Type-writing machine.....	R. Rein.....	852,200	Apr. 30	7038	1469-70	127	3517
Type-writing machine.....	E. E. Barney.....	852,313	Apr. 30	7233	1519	127	3564
Type-writing machine.....	A. T. Brown.....	852,374	Apr. 30	7349	1543	127	3593
Type-writing machine.....	C. W. Howell.....	852,721	May 7	698	135-6	128	183
Type-writing machine.....	M. W. Pool.....	852,799	May 7	872	177	128	222
Type-writing machine.....	W. F. Helmond.....	853,242	May 14	1761	367	128	478
Type-writing machine.....	C. F. Lundeborg.....	853,249	May 14	1774	369	128	483
Type-writing machine.....	L. R. Roberts.....	853,266	May 14	1806	376	128	489
Type-writing machine.....	H. L. Wagner.....	853,280	May 14	1831	382	128	496
Type-writing machine.....	H. L. Wagner.....	853,281	May 14	1834	383	128	497
Type-writing machine.....	E. L. Pfunder and F. A. Cook.....	853,562	May 14	2394	499	128	647
Type-writing machine.....	A. F. Lear.....	855,011	May 28	5316	1104	128	1456
Type-writing machine.....	A. F. Lear.....	855,012	May 28	5318	1105	128	1457
Type-writing machine.....	H. L. Wagner.....	855,027	May 28	5355	1112	128	1465
Type-writing machine.....	B. C. Stickney.....	855,144	May 28	5598	1165	128	1526
Type-writing machine.....	C. H. Shepard.....	855,206	May 28	5719	1190	128	1557
Type-writing machine.....	C. H. Shepard.....	855,207	May 28	5725	1191-2	128	1559
Type-writing machine.....	B. C. Stickney.....	855,541	June 4	180	37-8	128	1740
Type-writing machine.....	F. I. Van Anden.....	855,542	June 4	190	38	128	1744
Type-writing machine.....	A. T. Brown.....	855,832	June 4	756	156	128	1885
Type-writing machine.....	W. F. Helmond.....	856,254	June 11	1569	329	128	2124
Type-writing machine.....	H. J. Halle.....	856,344	June 11	1767	368	128	2175
Type-writing machine.....	E. F. Kunath.....	857,288	June 18	3590	760	128	2675
Type-writing machine.....	E. F. Kunath.....	857,635	June 25	4263	901	128	2875
Type-writing machine.....	O. Woodward.....	857,706	June 25	4405	930-1	128	2912
Type-writing machine.....	C. A. Joerissen.....	858,655	July 2	521	134	129	181
Type-writing machine.....	C. Gabrielson.....	858,713	July 2	604	159-60	129	208

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Type-writing machine	J. R. MacGuffie	859,308	July 9	1537	410	129	551
Type-writing machine	H. H. Steele	859,529	July 9	1863	501	129	657
Type-writing machine	H. W. Merritt	860,045	July 16	2677	728	129	950
Type-writing machine	H. W. Merritt	860,145	July 16	2815	768	129	997
Type-writing machine	W. W. Hopkins	860,215	July 16	2921	798-9	129	1029
Type-writing machine	H. W. Merritt	860,225	July 16	2936	802	129	1032
Type-writing machine	R. H. Strother	860,265	July 16	2992	818	129	1054
Type-writing machine	W. W. Hopkins	860,296	July 16	3034	831-2	129	1067
Type-writing machine	R. D. Parker	860,321	July 16	3078	842-3	129	1082
Type-writing machine	J. Felbel	860,361	July 16	3137	859	129	1101
Type-writing machine	T. L. Dennis	860,643	July 23	3593	965	129	1285
Type-writing machine	A. W. Smith	860,834	July 23	3867	1060-1	129	1372
Type-writing machine	A. W. Smith	860,835	July 23	3875	1061	129	1376
Type-writing machine	A. T. Brown	862,536	Aug. 6	741	198-9	129	2314
Type-writing machine	Z. G. Sholes	862,591	Aug. 6	833	222	129	2341
Type-writing machine	B. Egger	862,621	Aug. 6	876	233	129	2356
Type-writing machine	A. T. Brown	862,703	Aug. 6	996	266	129	2389
Type-writing machine	G. W. Donning	863,056	Aug. 13	1527	414	129	2590
Type-writing machine	F. W. Hillard	863,065	Aug. 13	1547	418-21	129	2597
Type-writing machine	C. E. Kelley	863,070	Aug. 13	1566	423	129	2603
Type-writing machine	W. R. Fox	863,372	Aug. 13	2032	549	129	2751
Type-writing machine	E. E. Barney	863,496	Aug. 13	2202	595-6	129	2801
Type-writing machine	D. Briggs	863,697	Aug. 20	2499	690	129	2926
Type-writing machine	O. Woodward	863,890	Aug. 20	2803	770	129	3023
Type-writing machine	G. A. Seib	863,947	Aug. 20	2879	793	129	3046
Type-writing machine	G. F. Stillman	863,952	Aug. 20	2890	795-6	129	3049
Type-writing machine	F. A. Young	864,350	Aug. 27	3489	971	129	3261
Type-writing machine	G. C. Blickensderfer	864,505	Aug. 27	3732	1040	129	3342
Type-writing machine	G. C. Blickensderfer	864,602	Aug. 27	3925	1088	129	3399
Type-writing machine	H. W. Merritt	864,793	Sept. 3	46	14	130	17
Type-writing machine	C. Gabrielson	864,890	Sept. 3	201	56	130	93
Type-writing machine	C. Gabrielson	865,694	Sept. 10	1461	413	130	476
Type-writing machine	H. B. Wilson	865,741	Sept. 10	1534	433-4	130	499
Type-writing machine	F. A. Young	865,744	Sept. 10	1542	435	130	502
Type-writing machine	E. E. Barney	865,752	Sept. 10	1554	438	130	506
Type-writing machine	C. H. Shepard	865,806	Sept. 10	1629	461-2	130	529
Type-writing machine	E. B. Hess	865,892	Sept. 10	1782	497	130	588
Type-writing machine	E. B. Hess	865,894	Sept. 10	1785	498	130	589
Type-writing machine	H. L. Wagner	866,097	Sept. 17	2112	587	130	720
Type-writing machine	C. Gabrielson	866,196	Sept. 17	2241	625	130	761
Type-writing machine	G. H. Smith	866,606	Sept. 17	2834	796	130	948
Type-writing machine	J. H. Jackson	867,045	Sept. 24	3517	998	130	1197
Type-writing machine	W. E. Mason	867,666	Oct. 8	668	189	130	1536
Type-writing machine	F. X. Wagner	868,042	Oct. 15	1311	364-6	130	1757
Type-writing machine	J. F. Forkarth	868,335	Oct. 15	1758	497	130	1891
Type-writing machine	G. A. Seib	868,493	Oct. 15	2002	559	130	1966
Type-writing machine	J. A. Ronchetti	868,890	Oct. 22	2652	733	130	2195
Type-writing machine	O. Woodward	869,037	Oct. 22	2877	795	130	2265
Type-writing machine	F. A. Young	869,039	Oct. 22	2880	796	130	2266
Type-writing machine	A. J. Briggs	869,052	Oct. 22	2904	801	130	2274
Type-writing machine	H. W. Merritt	869,502	Oct. 29	3618	992	130	2522
Type-writing machine	A. W. Buckwell	869,547	Oct. 29	3685	1010	130	2543
Type-writing machine	D. Briggs	869,826	Oct. 29	4122	1138-9	130	2672
Type-writing machine	C. A. Thistlethwaite	869,944	Nov. 5	99	28	131	33
Type-writing machine	P. E. Rees	869,984	Nov. 5	161	44	131	54
Type-writing machine	A. W. Smith	869,988	Nov. 5	174	47-8	131	58
Type-writing machine	J. Felbel	871,116	Nov. 19	2000	545-6	131	704
Type-writing machine	B. C. Stickney	871,151	Nov. 19	2089	562	131	716
Type-writing machine	W. P. Kidder and C. W. Sponsel	871,281	Nov. 19	2364	614	131	760
Type-writing machine	W. P. Kidder	871,344	Nov. 19	2508	647	131	782
Type-writing machine	A. W. Smith	871,371	Nov. 19	2563	658	131	789
Type-writing machine	B. C. Stickney	871,374	Nov. 19	2575	659-60	131	790
Type-writing machine	C. E. Kelley	871,595	Nov. 19	3042	757	131	864
Type-writing machine	H. A. Smedberg	872,543	Dec. 3	485	101-2	131	1242
Type-writing machine	E. E. Barney	872,552	Dec. 3	501	105	131	1245
Type-writing machine	W. J. Barron and H. W. Merritt	873,487	Dec. 10	2417	508	131	1588
Type-writing machine	F. X. Wagner	873,641	Dec. 10	2718	575-6	131	1639
Type-writing machine	C. E. Smith	873,964	Dec. 17	3368	717-18	131	1779
Type-writing machine	E. B. Hess	874,068	Dec. 17	3650	766-7	131	1813
Type-writing machine	E. B. Hess	874,338	Dec. 17	4173	878	131	1902
Type-writing machine	J. W. Kennedy	874,407	Dec. 24	4318	909-10	131	1958
Type-writing machine	H. W. Merritt	874,784	Dec. 24	5063	1067	131	2081
Type-writing machine	R. H. Strother	874,806	Dec. 24	5099	1074-5	131	2088
Type-writing machine	W. B. Woodhouse	875,032	Dec. 31	5595	1168	131	2187
Type-writing machine	H. A. Briggs	875,239	Dec. 31	5994	1249-51	131	2254
Type-writing machine	W. F. Helmond	875,262	Dec. 31	6037	1259	131	2261
Type-writing-machine adding attachment	H. L. Fisher	874,060	Dec. 17	3611	762-3	131	1811
Type-writing machine and the like	F. X. Wagner	848,274	Mar. 26	5126	1119	127	1383
Type-writing-machine calculator	E. V. Williams	871,311	Nov. 19	2436	631-3	131	770
Type-writing-machine carriage-controlling mechanism	J. B. Secor	847,613	Mar. 19	3806	833-4	127	1022
Type-writing-machine carriage-feed mechanism	J. B. Secor	874,999	Dec. 31	5530	1154-5	131	2176
Type-writing-machine carriage-stop	W. W. Hopkins	860,299	July 16	3039	833	129	1068
Type-writing-machine carriage-stop mechanism	W. R. Fox and G. J. Barrett	852,427	May 7	32	7	128	11
Type-writing-machine computing attachment	O. C. Kevle	873,314	Dec. 10	2087	436-7	131	1529
Type-writing-machine escapement mechanism	E. B. Hess	862,076	July 30	5827	1616	129	2025
Type-writing-machine indicator	H. A. Dewing	869,832	Oct. 29	4132	1141	130	2676
Type-writing machine. Mechanism for returning the carriage of a	H. J. Otto	859,576	July 9	1949	525	129	685
Type-writing-machine operating mechanism	H. J. Otto	859,575	July 9	1948	525	129	684
Type-writing-machine platen	J. Ziegler	845,057	Feb. 5	424	92-3	126	1900
Type-writing-machine platen or roller	T. F. Nolan	854,429	May 21	4149	859	128	1131
Type-writing-machine ribbon-feed mechanism	J. H. Birch and J. S. Foley	859,732	July 9	2179	589-90	129	758
Type-writing-machine ribbon-feeding mechanism	W. W. Hopkins	860,297	July 16	3038	832	129	1068
Type-writing-machine ribbon mechanism	E. G. Latta	843,830	Feb. 12	1947	417-18	126	2316
Type-writing-machine ribbon mechanism	J. W. Kennedy	873,244	Dec. 10	1931	405-6	131	1506

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Type-writing-machine spacing mechanism	L. Schlesinger	852,456	May 7	132	23-5	128	41
Type-writing-machine tabulating device	C. J. Mohns	842,797	Jan. 29	6155	1299	126	1713
Type-writing-machine tabulating device	E. Lecoultré	858,082	June 25	5192	1101-2	128	3110
Type-writing-machine tabulating device	E. Lecoultré	858,083	June 25	5199	1102	128	3112
Type-writing-machine tabulator	H. L. Fisher	874,058	Dec. 17	3582	761	131	1810
Type-writing-machine tabulator	H. L. Fisher	874,059	Dec. 17	3596	762	131	1810
Type-writing-machine type-bar bearing	O. C. Kavlé	848,248	Mar. 26	5065	1107	127	1367
Type-writing machines. Carriage stop mechanism for	F. X. Wagner	875,637	Dec. 31	6870	1434	131	2381
Type-writing machines. Combination book and billing platen for	C. F. Laganke	843,022	Feb. 5	368	80-2	126	1885
Type-writing machines. Device for locking the key-levers in	C. J. Mohns	842,796	Jan. 29	6154	1299	126	1713
Type-writing machines. Inking-ribbon for	M. H. Chapin	855,559	June 4	222	43	128	1753
Type-writing machines. Line-spacer for	J. S. Southerden	864,207	Aug. 27	3283	910	129	3198
Type-writing machines. Paper clamp or guide for front-strike	W. R. Fox	855,509	June 4	126	26	128	1726
Type-writing machines. Spacer-bar mechanism for	W. R. Fox	872,809	Dec. 3	1022	215	131	1329
Type-writing machines. Spool and ribbon mechanism for front-strike	W. R. Fox	864,777	Sept. 3	16	5	130	7
Type-writing machines. Type-bar action for	J. W. Kennedy	868,095	Oct. 15	1387	388	130	1780
Type-writing or similar machines. Device for the justification of the lengths of lines of	E. M. v. Marchthal	844,378	Feb. 19	3051	653	126	2629
Typing-machine	R. Hündhausen	872,348	Dec. 3	60	12	131	1178
Typograph	W. I. Ludlow	856,539	June 11	2160	445-6	128	2274
Typographic machine	F. H. Richards	852,905	May 7	1093	225-9	128	280
Typographic machine	F. H. Richards	853,208	May 7	1684	348-51	128	425
Typographic machine	F. H. Richards	855,731	June 4	556	115-16	128	1838
Typographic machine	F. H. Richards	864,430	Aug. 27	3603	1001-2	129	3298
Typographic machine	F. H. Richards	875,212	Dec. 31	5941	1238-9	131	2245
Umbrella	C. S. Gurney	841,245	Jan. 15	2928	637	126	832
Umbrella	P. Green	842,094	Jan. 22	46'6	988	126	1287
Umbrella	M. G. McGuire	843,092	Feb. 5	517	108-9	126	1926
Umbrella	W. E. Moulton	843,477	Feb. 5	1266	266	126	2109
Umbrella	H. C. Lowrie	8'9,407	Apr. 9	15'0	318	127	2024
Umbrella	L. Cowen	8'9,833	Apr. 9	2373	486	127	2228
Umbrella	F. X. Loughery, Sr.	8'9,845	Apr. 9	2414	492	127	2239
Umbrella	P. J. Callahan	850,341	Apr. 16	3316	690	127	2509
Umbrella	H. H. Brown	852,493	May 7	216	39	128	63
Umbrella	M. G. McGuire	854,663	May 21	4575	955-6	128	1237
Umbrella	D. Celenza and M. Rosen	857,157	June 18	3340	705	128	2611
Umbrella	J. E. Diamond	858,967	July 2	1033	272	129	353
Umbrella	J. R. Shipman and J. S. Click	864,929	Sept. 3	263	69	130	83
Umbrella	A. H. Bamberger	8'7,227	Oct. 1	1	1	130	1317
Umbrella	A. C. Bosel	868,071	Oct. 15	1357	380	130	1770
Umbrella	D. Lippy	868,198	Oct. 15	1531	434	130	1823
Umbrella	J. Hays	869,082	Oct. 22	2940	812	130	2289
Umbrella	A. Nelson	871,611	Nov. 19	3078	764	131	869
Umbrella	A. Bibby	874,727	Dec. 24	4970	1044	131	2063
Umbrella	M. Bowden-Hammond	875,498	Dec. 31	6502	1356	131	2335
Umbrella and parasol	J. F. McAvoy	847,805	Mar. 19	4200	919	127	1115
Umbrella and parasol frames. Rib and rib-joint for	F. W. Schroeder	874,799	Dec. 24	5091	1072	131	2086
Umbrella and walking-stick attachment	R. J. Newson	877,403	Oct. 1	262	76	130	1393
Umbrella attachment	C. A. Piltz	850,544	Apr. 16	2706	775	127	2609
Umbrella attachment	W. O. Shepard and C. W. Cason, Sr.	873,099	Dec. 10	1669	348	131	1460
Umbrella-clasp	A. Baumgarten	840,551	Jan. 8	1543	340	126	440
Umbrella-fastener	C. L. Schmidt	868,490	Oct. 15	2000	558	130	1965
Umbrella-fixtute	W. C. L. Maska	869,065	Oct. 22	2833	780	130	2253
Umbrella. Folding	L. Z. Forgues	844,584	Feb. 19	3721	783	126	2786
Umbrella. Folding	W. P. Hartnett	844,937	Feb. 19	4396	939	126	2956
Umbrella. Folding	A. Steininger	855,142	May 28	5596	1164	128	1525
Umbrella. Folding	J. Q. Adams, Sr.	855,214	May 28	5734	1193	128	1561
Umbrella. Folding	G. Heuer	858,181	June 25	5383	1146	128	3158
Umbrella. Folding	A. V. Ranson	858,212	June 25	5436	1160	128	3172
Umbrella. Folding	F. G. Minor	858,527	July 2	279	69	129	99
Umbrella. Folding	C. Lomb	861,871	July 30	5514	1521	129	1927
Umbrella. Folding	A. Schindler	863,000	Aug. 13	1450	394	129	2567
Umbrella. Folding	J. W. Stimmell	864,572	Aug. 27	3877	1075	129	3385
Umbrella. Folding	T. F. Bigelow	864,945	Sept. 3	283	76	130	91
Umbrella. Folding	E. E. Goodrich	866,015	Sept. 17	1973	550	130	67
Umbrella. Folding	J. Casale	868,326	Oct. 15	1747	493	130	1888
Umbrella. Folding	A. Johnson	872,518	Dec. 3	418	87	131	1233
Umbrella. Folding	G. Meyer	875,547	Dec. 31	6592	1377	131	2351
Umbrella-handle coupling	C. Marx	860,401	July 16	3208	877	129	1124
Umbrella-handle. Interchangeable.	J. F. Witt	854,259	May 21	3841	793	128	1053
Umbrella-handle. Interchangeable.	H. A. Widmer	868,900	Oct. 22	2666	737	130	2200
Umbrella-hanger	W. J. Watson	858,842	July 2	839	218	129	290
Umbrella holder. Expanded-	E. Nootbaar	840,241	Jan. 1	914	200	126	248
Umbrella-locking device	B. Moses	841,421	Jan. 15	3279	707	126	923
Umbrella-mender	F. Stelter	856,664	June 11	2421	499	128	2341
Umbrella or parasol. Folding	A. C. Roller	873,174	Dec. 10	1816	380	131	1484
Umbrella pivot-joint	S. S. Fretz and M. H. Hartzell	861,584	July 30	5074	1392	129	1796
Umbrella rib-holder and runner	W. W. Ream	850,445	Apr. 16	3517	736	127	2561
Umbrella-rod	L. Berger	845,742	Mar. 5	13	3	127	6
Umbrella runner and tip-cup	W. H. Gaskill	859,651	July 9	2067	558	129	722
Umbrella-stand	G. Laube	852,567	May 7	396	72	128	105
Umbrella structure	J. Wolfe	874,648	Dec. 24	4808	1009	131	2037
Umbrella-support	A. J. Adams	840,188	Jan. 1	807	177	126	215
Umbrella-support	J. C. Williams	840,406	Jan. 1	1253	274	126	329
Umbrella-support	J. W. Butler	853,397	May 14	2080	432	128	566
Umbrella-support. Adjustable	J. S. Collins	862,872	May 7	1032	213	128	263
Umbrella tip-cup	W. H. Gaskill	859,652	July 9	2069	559	129	723
Umbrellas and the like. Runner for	G. V. Van Roy	847,852	Mar. 19	4305	944	127	1141
Uncoupling device	A. J. Bazeley	858,324	June 25	5626	1205-6	128	3220
Undergarment	C. M. Walker	852,306	Apr. 30	7217	1515-16	127	3560

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Undergarment	J. A. Scriven	854,763	May 28	4810	999	128	1326
Undergarment	R. M. Appleton	854,865	May 28	5021	1044	128	1380
Undergarment	J. A. Struthers	859,705	July 9	2143	578	129	745
Undergarment. Combination-	A. M. Brasington	851,796	Apr. 30	6195	1293-4	127	3303
Undergarment for infants.	C. R. Jackson	864,423	Aug. 27	3593	998	129	3295
Underreamer.	E. Double	862,317	Aug. 6	349	96-7	129	2193
Undershirt	W. S. Mills	842,224	Jan. 29	4'06	1046	126	1397
Underwear	C. R. De Bevoise	846,401	Mar. 5	1357	299	127	343
Unipolar generator.	E. Thomson	859,350	July 9	1610	428	129	575
Universal joint.	W. S. Turpin and J. H. Holden	840,529	Jan. 8	1500	333	126	429
Universal joint.	A. R. and F. S. Welch	841,363	Jan. 15	3177	684	126	897
Universal joint.	E. L. P. Mors	842,105	Jan. 22	4627	992	126	1293
Universal joint.	A. Ritter	847,439	Mar. 19	3447	756-7	127	927
Universal joint.	A. Vanderbeek	851,845	Apr. 30	6308	1316	127	3333
Universal joint.	J. D. Maxwell	864,014	Aug. 20	2969	819	129	3073
Universal joint.	A. I. Jacobs	869,906	Nov. 5	49	15	131	17
Universal joint for shafts and rods	A. J. Hughes	848,652	Apr. 2	57	13	127	1599
Universal joint for shafts or sections of shafts	J. H. Gault	849,384	Apr. 9	1535	310	127	2016
Universal wrench	M. Korth	868,454	Oct. 15	1951	544	130	1949
Unloading and depositing device. Automatic	C. von Bechtolsheim	870,710	Nov. 12	1325	362-3	131	466
Unloading apparatus	U. G. Mignerey	841,996	Jan. 22	2245	953	126	1245
Unloading device	O. F. Jordan	847,480	Mar. 19	3523	771	127	947
Unloading mechanism	W. R. Cunningham	873,991	Dec. 17	3419	728-9	131	178-9
Unloading mechanism	W. R. Cunningham	873,992	Dec. 17	3423	729	131	1788
Unloading screening, and loading apparatus	J. W. Seaver and A. Leslie	849,020	Apr. 9	2542	526-7	127	2271
Unwinding-machine.	J. E. Windle	871,848	Nov. 26	3552	868-9	131	976
Unwinding, measuring, and rewinding rolls of sheet material. Machine for	R. W. Hull	851,938	Apr. 30	6506	1357	127	3382
Upholstery. Apparatus for manufacturing	G. M. Finckel	875,252	Dec. 31	6017	1255	131	2258
Upsetting-machine	R. G. Beker	843,790	Feb. 12	1878	402-4	126	2299
Urinal	A. Johnson	847,183	Mar. 12	2918	642	127	766
Urinals. Disinfecting-receptacle for	H. W. Sprague and E. C. Dunning	859,183	July 2	1341	356	129	453
Urn	F. D. Goddard	855,702	June 4	492	102	128	1821
Uterine supporter	W. T. Baird	860,591	July 16	3488	958	129	1217
Vaccine matter. Apparatus for injecting solid	H. Deperdussin	842,631	Jan. 29	5797	1224	126	1627
Vacuum apparatus	P. H. Thomas	845,670	Feb. 26	5858	1237	126	3361
Vacuum creating and maintaining apparatus.	A. Manvers and H. Phillips	863,863	Aug. 20	2757	758	129	3008
Vacuum-creating device for jars, &c	G. T. Reed	843,846	Feb. 12	1985	425	126	2325
Vacuum-creating means	P. H. Thomas	845,671	Feb. 26	5860	1237	126	3362
Vacuum-creating method	P. C. Hewitt	862,333	Aug. 6	369	102	129	2199
Vacuum-machine	P. H. McCabe and A. J. Lavoie	861,193	July 23	4433	1216	129	1556
Vacuum-pan.	P. G. Kaiser	868,275	Oct. 15	1650	466-7	130	1862
Vacuum-producing apparatus	C. A. Parsons	874,986	Dec. 31	5501	1149	131	2172
Vacuum-tubes. Automatic gas-feed for	D. M. Moore	856,484	June 11	2067	425	128	2252
Vacuums. Means and apparatus for producing high	F. Soddy	859,021	July 2	1106	294-5	129	378
Vacuums. Means for producing high	W. Gaede	852,947	May 7	1179	243	128	299
Vaginal irrigator	C. O. Farrington and T. Watson	840,560	Jan. 8	1575	346	126	447
Valise, dressing-case, and the like	H. Goldin	873,855	Dec. 17	3176	675-6	131	1745
Valuable-case. Collapsible	J. E. Carroll	867,558	Oct. 1	499	143	130	1468
Valve	H. Jones	839,854	Jan. 1	95	23	126	27
Valve	H. Jones	839,855	Jan. 1	96	23	126	28
Valve	A. Harkness	840,058	Jan. 1	532	116	126	141
Valve	C. D. Ballard	840,286	Jan. 1	999	218	126	269
Valve	J. H. Simms	840,388	Jan. 1	1226	268	126	322
Valve	H. S. Pinkerton	840,954	Jan. 8	2339	513-14	126	638
Valve	H. C. Farrell	841,133	Jan. 15	2720	594	126	781
Valve	J. H. Bleoo	841,924	Jan. 22	4285	924	126	1211
Valve	T. Barton	843,988	Feb. 12	2256	482	126	2391
Valve	R. Schneider	844,192	Feb. 12	2639	565	126	2485
Valve	H. H. Cramer	844,255	Feb. 12	2779	593	126	2523
Valve	F. H. Harmer	844,307	Feb. 12	2897	615-16	126	2551
Valve	M. Lorenz	845,244	Feb. 26	5017	1066-7	126	3156
Valve	R. T. Ferguson, H. Turner, and O. J. Ha'ler	845,540	Feb. 26	5607	1187	126	3301
Valve	H. C. Cronmeyer	845,859	Mar. 5	245	50	127	63
Valve	J. E. Brady	846,644	Mar. 12	1887	414	127	510
Valve	G. C. Davis	847,401	Mar. 19	3368	738	127	908
Valve	E. L. Whitesmar	849,954	Apr. 9	2596	539	127	2284
Valve	R. G. Ferguson	849,989	Apr. 9	2649	554	127	2296
Valve	A. L. Dow	850,740	Apr. 16	4089	854	127	2703
Valve	C. O. Churchill	851,161	Apr. 23	4898	1030	127	2948
Valve	C. F. Fernald	851,165	Apr. 23	4907	1032	127	2950
Valve	J. Bowers	851,220	Apr. 23	5029	1059	127	2978
Valve	C. Kiesselbach	851,358	Apr. 23	5311	1112	127	3049
Valve	M. M. Moore	851,365	Apr. 23	5327	1116	127	3053
Valve	J. Nolan	851,370	Apr. 23	5333	1118	127	3054
Valve	A. Simpson	851,447	Apr. 23	5478	1147	127	3092
Valve	W. R. Park	851,830	Apr. 30	6279	1309	127	3326
Valve	A. W. Murray	852,518	May 7	445	51	128	76
Valve	J. W. Ashbaugh	852,591	May 7	445	82	128	118
Valve	W. T. Sears	852,802	May 7	880	179	128	224
Valve	T. Brick	852,819	May 7	912	187	128	232
Valve	J. A. Tilden	853,274	May 14	1821	380	128	494
Valve	M. C. Honeywell	853,364	May 14	2025	419	128	552
Valve	B. A. Baxter	853,621	May 14	2529	524	128	683
Valve	R. Whitaker	854,133	May 21	3598	742	128	987
Valve	J. Weber	854,134	May 21	3600	743	128	987
Valve	C. O. Churchill	854,819	May 21	3942	814	128	1080
Valve	B. O. Yearwood	855,385	May 28	6029	1259	128	1637
Valve	D. Lippy and A. Nicodemus	855,422	May 28	6101	1275	128	1653
Valve	J. and W. H. Wambsgans	855,517	June 4	141	28	128	1730
Valve	H. C. King	856,005	June 4	1080	224	128	1967
Valve	B. F. Siegrist	856,470	June 11	2043	419-20	128	2246
Valve	B. F. Siegrist	856,552	June 11	2196	452	128	2283

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Valve.....	F. B. McMillin and M. F. Morrissey.	856,655	June 11	2403	494-5	128	2336
Valve.....	A. D. McWhorter.....	856,899	June 11	2839	592-3	128	2445
Valve.....	H. S. Roberts.....	856,911	June 11	2865	599	128	2451
Valve.....	H. S. Rankin.....	857,484	June 18	3962	841	128	2767
Valve.....	D. Hinderliter.....	857,805	June 25	4610	977	128	2963
Valve.....	G. J. Thomas.....	857,848	June 25	4687	994	128	2981
Valve.....	J. H. Delany.....	858,063	June 25	5157	1092	128	3101
Valve.....	R. R. Lamb.....	858,401	July 2	59	17	129	21
Valve.....	W. E. Barnes.....	858,497	July 2	240	59	129	87
Valve.....	S. A. Whitehouse.....	858,771	July 2	702	186	129	244
Valve.....	H. P. Tippet.....	859,152	July 2	1296	345	129	437
Valve.....	J. Erwood.....	859,441	July 9	1740	464	129	617
Valve.....	C. J. Jackson.....	860,217	July 16	2926	800	129	1030
Valve.....	H. C. Montgomery.....	860,684	July 23	3652	1000	129	1304
Valve.....	T. F. MacMullen.....	861,039	July 23	4212	1153	129	1482
Valve.....	R. Love.....	862,176	Aug. 6	105	28	129	2116
Valve.....	C. E. Davey.....	862,614	Aug. 6	866	231	129	2353
Valve.....	B. V. Constantinov.....	862,714	Aug. 6	1015	271	129	2396
Valve.....	J. Hawkyard.....	862,967	Aug. 13	1400	381	129	2549
Valve.....	N. C. Bassett.....	863,136	Aug. 13	1678	449-50	129	2638
Valve.....	C. W. A. Koelbebeck.....	863,405	Aug. 13	2071	558	129	2763
Valve.....	C. G. Richardson and F. N. Connet.	863,449	Aug. 13	2129	574	129	2780
Valve.....	J. G. Nolen.....	863,553	Aug. 13	2282	623	129	2825
Valve.....	W. H. Roberts.....	865,318	Sept. 3	857	246	130	260
Valve.....	J. Peterson.....	865,798	Sept. 10	1617	458	130	525
Valve.....	N. Koch.....	865,915	Sept. 10	1817	507	130	598
Valve.....	W. Klie.....	866,285	Sept. 17	2377	662	130	805
Valve.....	A. D. Stevens.....	866,399	Sept. 17	2545	710	130	857
Valve.....	J. H. Berry.....	866,906	Sept. 24	3296	930	130	1128
Valve.....	B. E. Meacham.....	866,948	Sept. 24	3365	952	130	1149
Valve.....	E. C. Dun.....	867,022	Sept. 24	3482	986	130	1187
Valve.....	A. F. Blesch.....	867,341	Oct. 1	174	51	130	1365
Valve.....	C. F. Obrecht.....	867,405	Oct. 1	266	78	130	1395
Valve.....	D. J. Galbraith.....	867,578	Oct. 8	546	154	130	1501
Valve.....	J. R. Tanner and G. J. Stuart.....	868,030	Oct. 15	1296	358-9	130	1753
Valve.....	P. Allen.....	868,391	Oct. 15	1856	520	130	1921
Valve.....	C. H. Foster.....	869,171	Oct. 22	3073	848	130	2327
Valve.....	W. M. Wheildon and H. A. Maxwell.	869,281	Oct. 29	3250	895	130	2410
Valve.....	A. H. Bostley.....	870,342	Nov. 5	744	200	131	245
Valve.....	P. W. Maret.....	870,377	Nov. 5	816	216	131	268
Valve.....	E. Phillipson.....	872,304	Nov. 26	4534	1074	131	1125
Valve.....	J. H. Martindale.....	873,152	Dec. 10	1758	370	131	1477
Valve.....	H. F. Weinland.....	874,466	Dec. 24	4416	931-2	131	1977
Valve.....	G. W. Bailey.....	874,652	Dec. 24	4814	1010	131	2039
Valve.....	H. Burnet.....	875,320	Dec. 31	6156	1284	131	2277
Valve-actuating mechanism	G. B. Petsche.....	859,331	July 9	1584	420	129	566
Valve. Air.....	I. H. Spencer.....	859,139	July 2	1277	340	129	431
Valve. Air.....	D. F. Morgan.....	872,737	Dec. 3	883	184	131	1306
Valve. Air-inlet.....	P. H. Reardon.....	848,852	Apr. 2	514	103	127	1719
Valve. Air-vent.....	E. P. Allen.....	842,606	Jan. 29	5741	1213	126	1613
Valve. Ammonia expansion.....	C. F. Strang.....	868,143	Oct. 15	1453	409	130	1800
Valve and air-strainer for pneumatic drills. Throttle-	C. A. Carlson.....	844,776	Feb. 19	4109	876	126	2886
Valve and by-pass. Hydraulic four-way.....	W. J. Tretch.....	869,755	Oct. 29	4017	1110	130	2642
Valve and meter. Combination.....	E. J. Moore.....	867,587	Oct. 8	556	157	130	1504
Valve and operating mechanism therefor.....	G. J. Summers and G. P. Burke.....	866,825	Sept. 24	3184	895	130	1094
Valve and sparking mechanism for hydrocarbon-engines.	L. E. Lowe.....	865,650	Sept. 10	1393	395	130	455
Valve and stop-cock. Combined check-	I. W. Stephenson.....	859,145	July 2	1285	342	129	434
Valve and tapping device. Barrel.....	R. Stock.....	841,350	Jan. 15	3148	678	126	889
Valve and valve-seat for steam-traps.....	J. E. L. Ogden.....	848,389	Mar. 26	5363	1169	127	1438
Valve. Angle blow-off.....	H. Kieren.....	862,826	Aug. 6	1194	321	129	2448
Valve apparatus.....	J. H. Gardner.....	862,551	Aug. 6	770	205-6	129	2322
Valve attachment.....	H. Bates.....	844,315	Feb. 19	2933	624	126	2599
Valve attachment. Engine.....	G. B. McKinney.....	874,108	Dec. 17	3717	782	131	1825
Valve. Automatic.....	C. A. Dunham.....	842,637	Jan. 29	5808	1227	126	1629
Valve. Automatic.....	F. R. Jacobsen.....	847,182	Mar. 12	2917	642	127	766
Valve. Automatic.....	A. F. Priest.....	849,084	Apr. 2	942	193	127	1828
Valve. Automatic.....	A. Michaels.....	873,324	Dec. 10	2115	441-2	131	1533
Valve. Automatic.....	S. W. Peregrine.....	875,101	Dec. 31	5728	1194	131	2209
Valve. Automatic controlling.....	R. M. Haley.....	860,914	July 23	4001	1096	129	1416
Valve. Automatic exhaust relief.....	C. A. Backstrom.....	856,202	June 11	1459	308	128	2096
Valve. Automatic expansion.....	A. H. Eddy.....	853,541	May 14	2352	489	128	637
Valve. Automatic flush.....	P. W. Landell.....	868,606	Oct. 15	2204	614	130	2032
Valve. Automatic flush.....	J. B. Williams and P. W. Landell.	868,619	Oct. 15	2224	618	130	2039
Valve. Automatic flushing.....	E. G. Watrous.....	870,916	Nov. 12	1663	458	131	571
Valve. Automatic gas.....	M. Wlaet.....	866,550	Sept. 17	2747	769	130	920
Valve. Automatic gas-regulating.....	B. M. Lewis.....	861,038	July 23	4211	1153	129	1482
Valve. Automatic hose.....	R. D. Wirt.....	847,268	Mar. 12	3090	681	127	809
Valve. Automatic regrinding.....	I. B. Gilbert.....	845,458	Feb. 26	5464	1156	126	3265
Valve. Automatic relief.....	T. J. Buckley.....	874,736	Dec. 24	4985	1049	131	2066
Valve. Automatic relief and back-pressure.....	J. V. Schmid.....	846,059	Mar. 5	699	146	127	179
Valve. Automatic self-balancing.....	T. M. Henderson.....	866,132	Sept. 17	2153	599	130	733
Valve. Automatic shut-off.....	G. A. Fullipp.....	852,174	Apr. 30	6990	1459	127	3505
Valve. Automatic stop.....	E. L. Bazin.....	845,213	Feb. 26	4952	1052	126	3140
Valve. Automatic water-relief.....	J. G. Harris and T. P. Mattimore.	875,347	Dec. 31	6213	1295	131	2286
Valve. Automatically-closing.....	F. A. Cooper.....	840,993	Jan. 8	2404	526	126	654
Valve. Automatically-opening.....	T. H. Walker.....	842,279	Jan. 29	5013	1070-1	126	1422
Valve. Balanced.....	P. A. McCullough.....	872,005	Nov. 26	3930	947	131	1028
Valve. Ball-cock.....	J. H. Woodring.....	870,073	Nov. 5	310	85	131	104
Valve. Ball-cock.....	C. C. Tozier.....	842,922	Feb. 5	160	37	126	1831
Valve. Ball-cock.....	C. A. Taylor.....	849,933	Apr. 9	2562	531	127	2276
Valve. Blow-off.....	H. Kieren.....	862,741	Aug. 6	1066	287	129	2409

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Valve. Blow-off.....	H. H. Riffin.....	866,684	Sept. 24	2963	839	130	1017
Valve. Blow-off.....	L. A. Bertram.....	870,487	Nov. 5	966	265	131	313
Valve. Blowing-engine.....	M. A. Neeland.....	841,040	Jan. 8	2506	546-7	126	682
Valve. Boiler check.....	L. Kassander.....	846,213	Mar. 5	996	213-14	127	253
Valve-boxes to combustion-engine cylinders. Fastening water-cooled	A. Willmer.....	859,161	July 2	1308	348	129	441
Valve. By-pass.....	W. L. Wilson.....	852,008	Apr. 30	6650	1384-5	127	3418
Valve. Carbid-feed.....	F. E. Stover.....	874,351	Dec. 17	4194	883	131	1907
Valve-casings. Construction of.....	H. Cruse.....	854,334	May 21	3966	819	128	1087
Valve-casings. Construction of.....	H. Cruse.....	854,469	May 21	4227	874	128	1151
Valve. Check.....	N. C. Locke.....	839,862	Jan. 1	112	28	126	32
Valve. Check.....	E. F. Wendelken.....	841,474	Jan. 15	3377	729	126	948
Valve. Check.....	R. H. Kiddle.....	846,317	Mar. 5	1187	261	127	300
Valve. Check.....	E. W. Aller.....	847,146	Mar. 12	2843	628	127	748
Valve. Check.....	R. W. Lewis.....	852,334	Apr. 30	7266	1527	127	3572
Valve. Check.....	J. A. Cuneo.....	860,017	July 16	2636	716	129	937
Valve. Check.....	H. Daniel.....	860,283	July 16	3016	825	129	1062
Valve. Check.....	F. P. Cotter.....	865,631	Sept. 10	1372	389	130	449
Valve. Check.....	B. H. Conifer and J. W. Woodling.	867,245	Oct. 1	23	8	130	1327
Valve. Check.....	A. J. Pfugger.....	867,299	Oct. 1	108	33	130	1343
Valve. Combination.....	R. C. Frampton.....	868,177	Oct. 15	1492	422	130	1811
Valve. Combination relief and back-pressure	W. Hochfeldt. (Reissue).....	12,687	Aug. 27	4173	1158	129	3475
Valve. Combined vent and check.....	D. F. Morgan.....	873,883	Dec. 17	3221	686	131	1753
Valve. Compression and vacuum relief.....	E. B. Whelan.....	839,912	Jan. 1	227	48	126	63
Valve. Compressor.....	N. A. Christensen.....	849,597	Apr. 9	1953	400	127	2120
Valve connection. Triple.....	F. L. Clark.....	869,623	Oct. 29	3817	1045	130	2583
Valve construction. Stop.....	A. W. Fischer and P. W. Knauf.	852,709	May 7	678	132	128	177
Valve control and reverse mechanism.....	J. W. Slater.....	842,817	Jan. 29	6186	1307	126	1721
Valve controller for hydrocarbon-engines. Fuel.....	W. F. Rothe.....	867,605	Oct. 8	584	166	130	1512
Valve-controlling means.....	C. A. Parsons and J. Turnbull.....	846,692	Mar. 12	1964	431	127	529
Valve-controlling mechanism.....	C. W. Akers.....	847,219	Mar. 12	2998	661	127	787
Valve-controlling mechanism.....	W. B. Garrett.....	869,207	Oct. 22	3128	861	130	2344
Valve. Cut-off.....	S. Mucci.....	841,422	Jan. 15	3283	708	126	923
Valve. Cut-off.....	I. P. Doolittle.....	842,183	Jan. 29	4823	1029	126	1376
Valve. Cut-off.....	J. H. Williams.....	845,155	Feb. 26	4836	1026	126	3110
Valve. Cut-off.....	E. G. Vincent.....	866,095	Sept. 17	2109	586	130	720
Valve device.....	J. Binnig.....	850,812	Apr. 16	4217	886	127	2736
Valve device for air-brakes. Multiple.....	S. Ciri.....	858,954	July 2	1004	262-3	129	343
Valve-discharge.....	W. E. Ethridge.....	874,752	Dec. 24	5008	1055	131	2071
Valve. Double.....	J. C. Kitton.....	848,311	Mar. 26	5217	1139	127	1404
Valve. Double-seated.....	J. E. Purser.....	848,684	Apr. 2	126	27	127	1618
Valve. Drain.....	L. J. Ashworth.....	842,375	Jan. 29	5242	1112	126	1487
Valve. Dry-pipe.....	J. C. Meloon.....	857,187	June 18	3407	718	128	2629
Valve. Dry-pipe.....	J. R. Hamilton.....	857,276	June 18	3566	754	128	2669
Valve. Dry-pipe.....	C. B. Garrett.....	865,880	Sept. 10	1763	491	130	582
Valve. Duplex blow-off.....	G. L. Jones.....	858,987	July 2	1062	279	129	363
Valve. Electrically-operated.....	L. A. Tirrill.....	845,281	Feb. 26	5094	1082-3	126	3175
Valve. Electrically-operated.....	J. T. H. Dempster.....	850,738	Apr. 16	4085	854	127	2702
Valve. Engine.....	O. W. Young.....	840,185	Jan. 1	794	173-4	126	213
Valve. Engine.....	P. Paulsen.....	849,748	Apr. 9	2207	454-5	127	2184
Valve. Engine.....	B. Hanson.....	854,036	May 21	3389	698	128	936
Valve. Engine stop.....	J. L. Kimball.....	869,248	Oct. 29	3202	381-2	130	2395
Valve. Expansion.....	A. H. Eddy.....	853,503	May 14	2289	474	128	622
Valve. Faucet.....	L. M. Hooper.....	867,580	Oct. 8	548	154-5	130	1502
Valve. Feed.....	B. H. Jeffries.....	860,384	July 16	3176	868	129	1113
Valve. Flap.....	E. Wiki.....	861,566	July 30	5047	1386	129	1787
Valve. Float.....	F. W. Axtell.....	842,513	Jan. 29	5549	1174	126	1566
Valve. Fluid-pressure.....	H. Woods.....	873,475	Dec. 10	2388	503	131	1583
Valve. Flush.....	B. Bergmann.....	847,723	Mar. 19	4031	881	127	1077
Valve. Flush.....	G. B. Gaylord.....	867,653	Oct. 8	651	184	130	1532
Valve. Flush.....	C. I. Matson.....	873,766	Dec. 17	2978	632	131	1714
Valve. Flushing.....	W. S. White.....	844,221	Feb. 12	2706	578	126	2504
Valve. Flushing.....	C. A. Parks.....	857,896	June 25	4778	1014	128	3003
Valve. Flushing.....	W. S. Cooper.....	865,479	Sept. 10	1121	319	130	369
Valve. Flushing.....	R. A. Brooks.....	871,859	Nov. 26	3588	878-9	131	980
Valve. Flushing-tank.....	W. H. Ludewig.....	846,221	Mar. 5	1013	217	127	257
Valve for air-brake systems. Feed.....	G. Wagner.....	856,665	June 11	2423	499	128	2341
Valve for air-brake systems. Pressure.....	W. V. Turner.....	841,469	Jan. 15	3364	727	126	945
Valve for air-brakes. Pressure-retaining.....	C. L. Updegraff.....	862,219	Aug. 6	176	49	129	2138
Valve for air-brakes. Pressure-retaining and quick-release	M. Griffin.....	871,270	Nov. 19	2335	609	131	755
Valve for air-brakes. Recharging.....	F. L. Clark.....	847,317	Mar. 19	3191	701	127	863
Valve for air-brakes. Safety.....	T. Behan.....	852,157	Apr. 30	6956	1453	127	3495
Valve for air-brakes. Triple.....	W. B. Mann.....	862,492	Aug. 6	658	177	129	2292
Valve for air-compressors. Rotary.....	G. W. Meyer.....	875,277	Dec. 31	6066	1266	131	2265
Valve for automatic-sprinkler systems. Dry-pipe.....	E. L. Thompson.....	855,072	May 28	5474	1136	128	1497
Valve for automobile-engines. Auxiliary.....	F. T. Cable.....	848,722	Apr. 2	204	42	127	1640
Valve for compressors and the like.....	W. Wolf.....	851,722	Apr. 30	6062	1266	127	3268
Valve for compressors and the like. Self-acting.....	F. Strnad.....	867,619	Oct. 8	05	171	130	1519
Valve for controlling fluid-pressure.....	E. Hill.....	844,802	Feb. 19	4163	887	126	2900
Valve for drain-cock plugs. Float.....	W. E. Bryant.....	855,932	June 4	952	197	128	1934
Valve for drain-traps. Back-pressure.....	J. E. Conrad.....	844,003	Feb. 12	2281	488	126	2598
Valve for draining pipes, &c.....	W. S. Gordon.....	854,348	May 21	3996	826	128	1094
Valve for engines. Balanced.....	J. M. Cosper.....	848,536	Mar. 26	5632	1233	127	1505
Valve for engines. Cut-off.....	W. Goodwin.....	857,457	June 18	3903	829	128	2752
Valve for engines. Pressure-actuated.....	T. Officer and H. H. Mercer.....	842,003	Jan. 22	4437	955	126	1248
Valve for engines. Pressure-actuated.....	A. Ball and T. Officer.....	842,129	Jan. 22	4677	1003	126	1305
Valve for engines. Steam-actuated.....	D. C. Springer.....	847,028	Mar. 12	2632	579	127	698
Valve for explosive-engines.....	G. W. Irwin.....	857,463	June 18	3909	831	128	2754
Valve for explosive-engines.....	J. S. Elverson.....	867,713	Oct. 8	738	207	130	1559
Valve for explosive-engines. Admission.....	H. C. Fricke and G. E. Turner.....	873,534	Dec. 10	2519	532	131	1604
Valve for explosive-engines. Combined air and gas admission.....	H. Lentz.....	847,086	Mar. 12	2738	604	127	722
Valve for fluid-compressors. Discharge.....	N. A. Christensen.....	865,014	Sept. 3	401	107	130	124
Valve for fluid-compressors. Discharge.....	W. Freilwitz.....	874,034	Dec. 17	3507	748	131	1801

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Valve for fluid-pressure engines.....	W. C. Schaff and J. A. E. Friedrichs.....	865,949	Sept. 10	1866	523	130	612
Valve for fluids under pressure.....	H. Woods.....	873,476	Dec. 10	2389	503-4	131	1584
Valve for flush-tanks. Supply.....	R. McGraw.....	846,132	Mar. 5	857	179	127	218
Valve for furnaces. Poke-hole.....	G. Campion and M. Wyant.....	842,135	Jan. 22	4704	1007	126	1303
Valve for gas and liquid conduits. Automatic check.....	F. J. H. Rustige.....	842,019	Jan. 22	4468	960	126	1255
Valve for gas apparatus. Hydraulic reversing.....	F. H. Wagner.....	873,393	Dec. 10	2248	468-9	131	1556
Valve for gas-compressors. Discharge.....	A. F. Clarke.....	867,702	Oct. 8	720	201	130	1553
Valve for gas-engines.....	P. Schwelm.....	860,608	July 16	3521	968	129	1228
Valve for gas-producers.....	H. F. Smith.....	863,004	Aug. 13	1456	396	129	2569
Valve for gas-supply pipes. Automatic safety.....	A. W. Jenczewsky.....	840,772	Jan. 8	1975	436	126	548
Valve for heating systems.....	A. P. Broomell.....	843,996	Feb. 12	2268	485	126	2395
Valve for hermetically-closable jars.....	G. Staunton.....	873,627	Dec. 10	2700	570	131	1635
Valve for high-pressure tanks. Safety.....	E. F. Osborne.....	841,095	Jan. 8	2627	575	126	712
Valve for hot-water boilers. Gas.....	W. C. Ricketts.....	866,886	Sept. 24	3268	920	130	1119
Valve for hydrants. Waste.....	H. F. Neumeyer.....	873,956	Dec. 17	3354	715	131	1776
Valve for hydraulic transmission devices. Control- ling.....	W. C. Schwarz.....	873,621	Dec. 10	2691	568-9	131	1633
Valve for hydrocarbon-engines. Throttle.....	C. Schmidt.....	873,387	Dec. 10	2237	466	131	1554
Valve for internal-combustion engines. Piston.....	H. W. Adams.....	867,933	Oct. 8	1088	308	130	1665
Valve for liquid-fuel burners. Regulating.....	C. F. Currev.....	867,560	Oct. 1	502	144	130	1469
Valve for locomotives. Relief.....	T. E. Beaghan, H. B. Reid, and J. H. Best.....	842,060	Jan. 22	4547	977	126	1272
Valve for locomotives. Safety.....	R. Anderson.....	856,562	June 11	2220	457	128	2289
Valve for motors.....	J. H. Pierce.....	863,752	Aug. 20	2582	714	129	2953
Valve for mufflers. Cut-out.....	A. S. Hamilton.....	841,392	Jan. 15	3230	696	126	910
Valve for presses. Automatic choker.....	A. W. French and P. G. Weidner.....	853,167	May 7	1585	530	123	400
Valve for pumping-engines.....	C. H. Johnson.....	858,397	July 2	49	14-15	129	18
Valve for pumping-engines. Steam-actuated.....	J. F. Breitenstein.....	847,897	Mar. 19	4407	966	127	1165
Valve for radiators. Air.....	F. W. Leuthesser.....	852,333	Apr. 30	72-3	1527	127	3572
Valve for radiators. Air-relief.....	D. D. Casey.....	845,852	Mar. 5	231	47	127	60
Valve for refrigerating apparatus. Automatic ex- pansion.....	A. H. Eddy.....	853,505	May 14	2292	475	128	623
Valve for self-playing instruments.....	C. H. Johnson and M. Blanch.....	861,987	July 30	5684	1577	129	1979
Valve for sprinkler systems.....	J. McAlear.....	846,335	Mar. 5	1219	269	127	308
Valve for stand-pipes.....	W. H. Sellow.....	875,002	Dec. 31	5540	1156-7	131	2177
Valve for steam-boilers. Main check.....	S. L. Kneass.....	859,230	July 9	1418	377	129	512
Valve for steam-engines. Reversing.....	W. A. Flowers.....	862,726	Aug. 6	1035	277	129	2401
Valve for steam-engines. Rotary.....	W. A. Flowers.....	862,627	Aug. 6	885	237	129	2359
Valve for steam-heating systems. Automatic relief.....	T. F. Dexter.....	840,304	Jan. 1	1031	226	126	276
Valve for steam-heating systems. Vent.....	J. R. Shanklin.....	852,852	May 7	986	203	128	251
Valve for steep-tanks.....	J. F. Dornfeld.....	850,215	Apr. 16	4981	646	127	2444
Valve for sterilizers.....	S. Bingham.....	871,666	Nov. 19	3167	785	131	885
Valve for tension-reservoirs for pneumatic apparatus. Relief.....	G. P. Brand.....	866,837	Sept. 24	3198	899	130	1099
Valve for vacuo-pneumatic-tube systems. Relief.....	J. J. Stoetzel.....	861,549	July 30	5022	1379	129	1780
Valve for water-gages. Check.....	C. E. Miser.....	850,483	Apr. 16	3590	750	127	2578
Valve for water-jackets. Safety.....	O. H. Shafer.....	868,022	Oct. 15	1278	354	130	1747
Valve. Gas.....	R. Christ.....	849,724	Apr. 9	2172	447	127	2175
Valve. Gas.....	D. M. Moore.....	855,801	June 4	688	141	128	1870
Valve. Gas.....	A. L. Hammarberg.....	856,252	June 11	1566	328	128	2123
Valve. Gas-controlling.....	H. W. Hill.....	844,358	Feb. 19	3014	644	126	2620
Valve. Gas-engine.....	B. C. Skinner.....	857,762	June 25	4518	953-4	128	2940
Valve. Gas-engine admission.....	G. B. Petsche.....	870,125	Nov. 5	391	109	131	130
Valve. Gas-engine inlet.....	C. Housum and F. E. Norton.....	863,922	Aug. 20	2844	782-3	129	3035
Valve. Gas-engine-regulating.....	F. G. Hobart.....	846,307	Mar. 5	1167	256	127	295
Valve. Gas-saving or pressure-equalizing.....	J. Cowie.....	858,442	July 2	120	33	129	40
Valve. Gate.....	N. W. Race.....	839,953	Jan. 1	308	68	126	85
Valve. Gate.....	J. P. Ladd.....	840,633	Jan. 8	1707	375	126	481
Valve. Gate.....	J. H. Gay.....	847,932	Mar. 19	4476	981-2	127	1182
Valve. Gate.....	L. D. Castle.....	848,009	Mar. 26	4669	1018	127	1266
Valve. Gate.....	L. Noel.....	854,523	May 21	4315	893	128	1173
Valve. Gate.....	F. C. Pfeil.....	856,546	June 11	2177	449	128	2278
Valve. Gate.....	L. D. Castle.....	861,708	July 30	5262	1447	129	1850
Valve. Gate.....	A. P. Smith.....	868,025	Oct. 15	1286	356	130	1750
Valve. Gate.....	W. W. Doolittle.....	868,165	Oct. 15	1476	416	130	1807
Valve. Gate.....	L. Schutte.....	869,525	Oct. 29	3650	1001	130	2531
Valve. Gate.....	C. A. Clafflin.....	871,085	Nov. 12	1931	529	131	653
Valve-gear.....	J. Iversen.....	844,521	Feb. 19	3355	724	126	2703
Valve-gear.....	H. Lentz.....	852,389	Apr. 30	7396	1552	127	3505
Valve-gear.....	A. D. Austin.....	852,757	May 7	766	151-2	128	200
Valve-gear.....	J. McDonald.....	855,654	June 4	397	83	128	1795
Valve-gear.....	J. Kolstram.....	856,784	June 11	2638	542	128	2396
Valve-gear.....	J. C. Bird.....	857,579	June 25	4159	881-2	128	2847
Valve-gear.....	W. H. Collier.....	866,623	Sept. 24	2865	809-10	130	990
Valve-gear.....	S. W. Long.....	868,280	Oct. 15	1662	470	130	1864
Valve-gear.....	H. Mayer.....	872,138	Nov. 26	4203	1004	131	1072
Valve-gear.....	H. Lentz and C. Bellens.....	875,538	Dec. 31	6578	1374	131	2348
Valve-gear. Engine.....	T. Shade.....	849,861	Apr. 9	2441	498-9	127	2246
Valve-gear. Engine.....	A. L. Dorsey.....	856,851	June 11	2751	571-2	128	2424
Valve-gear for engines.....	J. D. MacLachlan.....	863,545	Aug. 13	2274	620	129	2823
Valve-gear for explosion-engines.....	J. V. Rice, Jr.....	857,672	June 25	4322	913-14	128	2890
Valve-gear for explosive-engines.....	C. H. Morgan and A. J. Gifford.....	844,458	Feb. 19	3200	690-1	126	2665
Valve-gear for explosive-engines.....	P. Meyer.....	863,199	Aug. 13	1770	476	129	2669
Valve-gear for explosive-engines.....	H. Tabor.....	868,371	Oct. 15	1820	512	130	1910
Valve-gear for gas engines or motors.....	F. A. Thomas.....	855,146	May 28	5603	1166	128	1527
Valve-gear for internal-combustion engines.....	F. W. Brady.....	860,630	July 23	3574	980	129	1279
Valve-gear. Gas-engine.....	M. A. Neeland.....	850,175	Apr. 16	2999	628-9	127	2422
Valve-gear. Locomotive.....	H. Rainey.....	849,497	Apr. 9	1766	357	127	2073
Valve-gear. Steam-engine.....	G. Marshall.....	850,943	Apr. 23	4492	939	127	2846
Valve-gears. Return-crank for.....	C. J. Mellin.....	852,447	May 7	78	16	128	23
Valve-gearing.....	J. F. Meyjes.....	860,402	July 16	3209	877-8	129	1125
Valve gearing and motion for locomotives.....	R. Lindner.....	857,813	June 25	4623	979-80	128	2967
Valve. Globe, angle, and check.....	T. Waltz.....	857,321	June 18	3646	773	128	2690
Valve. Grain-door.....	H. C. Ostermann.....	842,969	Feb. 5	253	55	126	1853
Valve-grinder.....	P. F. Pilliner.....	869,647	Oct. 29	3857	1056	130	2594

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Valve-handle	P. Forg.	851,591	Apr. 23	5773	1207	127	3165
Valve, High-pressure	J. A. Bishop.	875,496	Dec. 31	6492	1356	131	2335
Valve, Hot-blast	E. Fargo.	843,935	Feb. 12	2164	462-3	126	2370
Valve, Hot-blast	J. B. McKennan.	853,722	May 14	2747	564-5	128	739
Valve, Hot-water	J. L. Cook.	848,811	Apr. 2	418	84	127	1693
Valve, Hydraulic	H. A. Desper.	845,063	Feb. 26	4657	990	126	3063
Valve, Hydraulic	J. H. Allendorfer.	855,215	May 28	5735	1193-4	128	1562
Valve, Hydraulic	D. L. Holden.	870,104	Nov. 5	350	98	131	116
Valve-jack	E. Stevens.	852,145	Apr. 30	6939	1449	127	3491
Valve-locking device	W. L. Case.	861,501	July 30	4944	1358	129	1753
Valve lubricator. Automatic slide-	W. L. Newbaker.	853,724	May 14	2749	565	128	740
Valve mechanism	J. T. Wadsworth.	843,313	Feb. 5	979	201	126	2037
Valve mechanism	A. C. Culver.	855,617	June 4	333	68	128	1779
Valve mechanism	F. Harper.	856,582	June 11	2260	465	128	2300
Valve mechanism	J. P. Merr.	861,530	July 30	4982	1369	129	1765
Valve mechanism	R. A. McKee.	863,084	Aug. 13	1586	428-9	129	2609
Valve mechanism	E. H. Holmes.	867,273	Oct. 1	65	20	130	1334
Valve mechanism	H. Woods.	868,745	Oct. 22	2438	675	130	2130
Valve mechanism. Automatic	E. D. Ackerman, C. E. Clinton, and R. N. Eitom.	868,386	Oct. 15	1840	517-18	130	1914
Valve mechanism. Automatic shut-off	J. Huebsch.	875,176	Dec. 31	5874	1225	131	2233
Valve mechanism for air-compressors	F. Laferty and W. Spence.	869,373	Oct. 29	3407	936-7	130	2457
Valve mechanism for blowing-engines and compressors.	M. A. Neeland.	872,573	Dec. 3	550	114	131	1251
Valve mechanism for boilers. Fluid-pressure-operated stop-	H. R. Rockwell.	855,417	May 28	6094	1273-4	128	1651
Valve mechanism for engines, &c	C. Nordstrom.	851,308	Apr. 23	5216	1094	127	3026
Valve mechanism for engines	H. Lemp.	853,095	May 7	1460	305	128	369
Valve mechanism for engines	L. D. Lovekin.	856,594	June 11	2277	468-9	128	2304
Valve mechanism for engines. Fluid-pressure-operated stop-	H. R. Rockwell.	855,414	May 28	6084	1272	128	1650
Valve mechanism for engines. Fluid-pressure-operated stop-	H. R. Rockwell.	855,415	May 28	6089	1272-3	128	1650
Valve mechanism for engines. Fluid-pressure-operated stop-	H. R. Rockwell.	855,416	May 28	6092	1273	128	1651
Valve mechanism for explosive-engines. Exhaust-	G. M. Beard.	857,149	June 18	3327	701	128	2608
Valve mechanism for fluid-pressure brakes. Graduated-release-	W. V. Turner.	874,261	Dec. 17	4016	848	131	1877
Valve mechanism for internal-combustion engines	C. Sintz.	851,998	Apr. 30	6625	1379-80	127	3413
Valve mechanism for internal-combustion engines	L. M. Osborn and J. E. Mannis.	862,100	July 30	5867	1626	129	2038
Valve mechanism for rotary engines	W. R. Dawe.	848,447	Mar. 26	5479	1194	127	1470
Valve mechanism for tanks and reservoirs	J. F. Senter.	856,550	June 11	2190	451	128	2281
Valve mechanism for turbines	J. G. Callan.	841,224	Jan. 15	2884	628	126	821
Valve mechanism. Motor-driven	E. G. Howard.	863,180	Aug. 13	1743	468-9	129	2559
Valve mechanism. Pneumatic	B. Aikman.	842,160	Jan. 29	4773	1019	126	1363
Valve mechanism. Reversing	J. E. Arnold.	849,523	Apr. 9	1819	369	127	2088
Valve. Mixing	C. C. Travis.	859,264	July 9	1466	391	129	527
Valve-motion	J. H. Williams.	845,154	Feb. 26	4833	1025-6	126	3109
Valve-motion for engines	T. Wilson.	853,139	May 7	1543	321	128	290
Valve-motion for explosive-engines	F. J. Petermöller.	861,889	July 30	5537	1528	129	1934
Valve. Motorman's	F. B. Corey.	845,335	Feb. 26	5205	1105	126	3201
Valve. Non-return	J. R. Tanner.	840,174	Jan. 1	772	169	126	208
Valve. Oil and water well	L. Durkee and G. Walter.	858,647	July 2	509	131	129	177
Valve. Oil-regulating	G. S. Bennett.	868,757	Oct. 22	2451	678	130	2133
Valve-operating apparatus	J. C. Larkam.	874,089	Dec. 17	3685	775	131	1820
Valve-operating device. Flushing	W. H. Ludewig.	853,813	May 14	2910	598-9	128	780
Valve-operating means. Exhaust	C. O. Hedstrom.	873,747	Dec. 17	2946	624	131	1708
Valve-operating mechanism	J. F. Senter.	856,549	June 11	2185	450-1	128	2280
Valve-operating mechanism. Automatic	J. Ellis.	862,147	Aug. 6	41	11	129	2094
Valve-operating mechanism for internal-combustion engines.	G. Green.	857,994	June 25	5011	1057	128	3064
Valve-operating mechanism. Thermostatic	E. Ruud.	875,217	Dec. 31	5955	1240-1	131	2247
Valve operator. Steam and air	D. H. Greeson.	843,598	Feb. 12	1526	324	126	2207
Valve. Piston	P. Kinander.	853,803	May 14	2888	593	128	775
Valve. Piston throttle	M. Christman and E. Johnson.	860,190	July 16	2879	786	129	1016
Valve. Plug	M. J. McGill.	867,399	Oct. 1	259	75	130	1392
Valve. Pop safety	J. Porteous.	848,202	Mar. 26	4979	1089	127	1344
Valve. Pop safety	G. E. Coutant.	849,532	Apr. 9	1837	372	127	2093
Valve. Power-operated	J. M. Andersen.	865,556	Sept. 10	1260	357	130	413
Valve. Pressure-equalizing	C. W. Henson.	867,370	Oct. 1	222	64	130	1380
Valve. Pressure-reducing	J. Hübner and I. Mayer.	847,944	Mar. 19	4499	986	127	1187
Valve. Pressure-reducing	J. Cloos.	851,981	Apr. 30	6583	1371	127	3402
Valve. Pressure-reducing	C. J. Coleman.	868,599	Oct. 15	2190	611	130	2029
Valve. Pressure-reducing	A. T. Johnson.	871,277	Nov. 19	2354	612	131	758
Valve. Pressure-regulating	R. E. Bruns.	852,924	May 7	1141	235	128	291
Valve. Pressure-regulating	F. F. Healey.	853,693	May 14	2673	551	128	721
Valve. Puppet	R. Wishon.	846,077	Mar. 5	742	155	127	190
Valve. Quick-opening	J. P. Lavigne.	860,141	July 16	2810	767	129	995
Valve. Reducing	H. F. Cuning.	859,920	July 16	2471	672	129	883
Valve. Reducing	W. B. Mason.	855,796	June 4	677	139	128	1868
Valve. Regulating	A. H. Eddy.	853,504	May 14	2290	475	128	622
Valve. Relief	W. D. Pickels.	840,583	Jan. 8	1616	354-5	126	457
Valve. Relief	H. E. Warren and I. B. Dodge.	862,859	Aug. 6	1246	337	129	2465
Valve-remover	H. Z. White.	868,952	Oct. 22	2751	759	130	2227
Valve. Retaining	M. Somers.	853,906	May 14	3120	639	128	831
Valve. Retaining	C. M. Fessler.	865,370	Sept. 10	950	273	130	316
Valve. Reversing	P. H. Murphy.	856,652	June 11	2395	493	128	2334
Valve. Reversing	J. B. Ladd.	860,672	July 23	3632	996	129	1297
Valve. Rotary	J. W. Eisenhuth.	849,987	Apr. 9	2645	554	127	2296
Valve. Rotary	C. M. Andrews.	871,660	Nov. 19	3160	783	131	884
Valve. Safety	W. H. Creighton.	850,626	Apr. 16	3875	899	127	2650
Valve. Safety	J. C. Pogue.	854,908	May 28	5118	1065	128	1407
Valve. Safety	J. M. Coale.	855,431	May 28	6116	1278	128	1656
Valve. Safety	N. T. Hanson.	858,810	July 2	789	206	129	274
Valve. Safety	F. Gaudin.	860,797	July 23	3823	1048	129	1358
Valve. Safety	C. E. Norton.	860,820	July 23	3850	1056	129	1367

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Invention	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Valve. Safety-.....	L. Schutte.....	869,524	Oct. 29	3649	1001	130	2530
Valve. Safety-.....	A. Wache.....	871,975	Nov. 26	3858	932	131	1018
Valve. Screw-seat.....	C. M. Hose.....	865,392	Sept. 10	986	283	130	328
Valve-seat.....	B. Martin.....	859,399	July 9	1687	449	129	599
Valve-seat.....	J. M. Hartman.....	860,865	July 23	3919	1074	129	1389
Valve seat and disk truing machine.....	F. L. Smith.....	859,528	July 9	1860	501	129	656
Valve-seats. Machine for grinding locomotive.....	J. A. Chadwick.....	870,082	Nov. 5	324	91	131	108
Valve-seats. Machine for refacing.....	R. F. Lace and J. Ulrich.....	843,615	Feb. 12	1568	331	126	2219
Valve-seats. Tool for preparing.....	S. M. Hall.....	842,952	Feb. 5	218	49-50	126	1844
Valve. Self-closing.....	N. Nilson.....	844,180	Feb. 12	2606	558	126	2476
Valve. Sensitive triple.....	W. B. Mann.....	869,637	Oct. 29	3841	1051	130	2589
Valve-setting device. Engine.....	R. E. Stephenson.....	870,205	Nov. 5	522	142	131	170
Valve. Shut-off.....	G. J. Leber.....	854,047	May 21	3415	705	128	942
Valve. Single-piece spring.....	M. A. Thiel.....	856,314	June 11	1703	354	128	2159
Valve. Single-seated.....	J. E. Purser.....	848,685	Apr. 2	127	27	127	1618
Valve. Slow-closing.....	O. J. Backus, Jr., and R. E. Crane.....	854,138	May 21	3607	744	128	989
Valve. Slow-closing.....	M. F. Coyle.....	859,371	July 9	1647	438	129	586
Valve. Steam.....	W. Baker.....	841,218	Jan. 15	2875	626	126	818
Valve. Steam.....	F. M. Metcalf.....	846,041	Mar. 5	653	137	127	167
Valve. Steam-actuated.....	E. A. Menking.....	847,092	Mar. 12	2750	606-7	127	725
Valve. Steam-actuated.....	G. W. Meyer.....	869,794	Oct. 29	4073	1125	130	2657
Valve. Steam-actuated.....	D. W. Starrett.....	870,391	Nov. 5	836	222	131	275
Valve. Steam-boiler.....	F. Young.....	847,870	Mar. 19	4339	952	127	1150
Valve. Steam-cylinder drain.....	F. Weiss.....	848,079	Mar. 26	4781	1042	127	1294
Valve. Steam-engine.....	G. E. Riblet.....	847,369	Mar. 19	3303	725-6	127	889
Valve. Steam-engine puppet.....	H. B. Whipple.....	862,529	Aug. 6	725	194-5	129	2310
Valve. Steam-feed.....	A. D. Catlin.....	856,569	June 11	2231	459	128	2292
Valve. Steam throttle.....	T. A. Pitman.....	845,119	Feb. 26	4777	1013	126	3095
Valve. Stop and waste.....	L. C. Lewis.....	870,113	Nov. 5	363	102	131	121
Valve. Straightway.....	P. Fraser.....	851,876	Apr. 30	6367	1328	127	3348
Valve structure.....	L. H. Martell.....	854,698	May 21	4665	972	128	1259
Valve. Swivel check.....	W. W. Donaldson, Jr.....	849,466	Apr. 9	1687	340	127	2055
Valve system. Throttle.....	W. Trinks.....	847,623	Mar. 19	3841	840	127	1030
Valve. Tailings-discharge.....	A. Schwarz.....	871,299	Nov. 19	2416	625	131	767
Valve. Tank.....	J. H. Davis.....	844,581	Feb. 19	3717	781	126	2785
Valve. Tank.....	C. Wright.....	846,712	Mar. 12	1992	438	127	536
Valve. Tank.....	F. W. Robertshaw and F. S. Mc-Tighe.....	864,262	Aug. 27	3364	936	129	3222
Valve. Tapping.....	L. W. Gates.....	858,805	July 2	779	203-4	129	273
Valve. Throttle.....	E. Hoxie.....	841,322	Jan. 15	3084	667	126	872
Valve. Throttle.....	M. F. Cox.....	842,448	Jan. 29	5409	1148	126	1532
Valve. Throttle.....	W. Ferris and J. M. Allen.....	847,326	Mar. 19	3206	705	127	867
Valve. Throttle.....	F. E. Norton.....	851,555	Apr. 23	5694	1192-3	127	3142
Valve. Throttle.....	N. W. Fletcher.....	860,910	July 23	3995	1095	129	1414
Valve. Throttle.....	J. S. Chambers.....	872,797	Dec. 3	994	206-7	131	1325
Valve. Trap.....	J. L. Donat.....	873,518	Dec. 10	2476	521-2	131	1598
Valve. Triple.....	R. H. Blackall.....	851,273	Apr. 23	5139	1081	127	3005
Valve. Turbine nozzle.....	C. A. Backstrom.....	853,332	May 14	1967	407	128	537
Valve. Turbine nozzle.....	C. A. Backstrom.....	856,204	June 11	1462	308	128	2097
Valve. Turbine nozzle.....	C. A. Backstrom.....	856,206	June 11	1464	309	128	2098
Valve. Union-coupling check.....	L. M. Patterson.....	857,897	June 25	4779	1015	128	3003
Valve. Vacuum.....	F. E. Kingsley.....	848,178	Mar. 26	4938	1078	127	1334
Valve. Vacuum-control.....	E. L. Cridge.....	859,745	July 9	2196	595	129	764
Valve. Water-cooled.....	N. McConnell.....	867,289	Oct. 1	93	28-9	130	1342
Valve. Whistle.....	L. Kratzenstein.....	848,999	Apr. 2	772	157	127	1784
Valve. Whistle.....	F. L. Wolfe.....	873,822	Dec. 17	3088	658	131	1733
Valves. Air-strainer for suction.....	M. W. Hibbard.....	866,930	Sept. 24	3340	943	130	1142
Valves and cocks. Means for hydraulically operating.....	W. J. McCarroll.....	856,981	June 11	2993	630	128	2484
Valves. Apparatus for the control of.....	M. Weiss.....	874,812	Dec. 24	5112	1077	131	2090
Valves. Controlling means for release.....	S. C. Moore.....	848,598	Mar. 26	5769	1259	127	1541
Valves. Device for facilitating the removal of.....	J. Rabey.....	852,846	May 7	962	198	128	245
Valves for explosive-engines. Means for controlling the.....	G. Cormack, Jr., and F. C. Zum-dahl.....	846,730	Mar. 12	2030	446	127	546
Valves, &c. Machine for facing.....	T. B. Williams.....	865,739	Sept. 10	1531	433	130	498
Valves. Machine for setting locomotive.....	J. J. Conolly and J. Herron.....	848,011	Mar. 26	4671	1018	127	1267
Valves. Maneuvering and similar.....	C. A. Parsons and J. Turnbull.....	851,205	Apr. 23	4996	1050	127	2970
Valves. Means for operating pneumatic.....	W. Lintern. (Reissue).....	12,661	June 18	4135	876	128	2809
Valves of motive-power engines. Means for operating the.....	R. Kendal.....	855,892	June 4	870	180-1	128	1914
Valves on explosive-engines. Mechanism for automatically operating exhaust.....	J. D. Silberzahn.....	859,127	July 2	1253	335	129	423
Valves or cocks. Means for operating.....	W. J. McCarroll.....	874,106	Dec. 17	3712	781	131	1824
Valves or other movable devices from a distant station. Means for controlling.....	E. M. Hewlett.....	843,814	Feb. 12	1917	411	126	2308
Valves. Pendent switch for.....	R. N. Oakman.....	862,990	Aug. 13	1431	389	129	2558
Valves. Pneumatic device for operating gas.....	R. N. Oakman.....	862,931	Aug. 13	1344	367	129	2531
Valves. Regulator for use with filling.....	A. Schneider.....	846,352	Mar. 5	1256	276	127	316
Valves. Tool for removing engine.....	C. F. Weeber.....	854,860	May 28	5009	1042	128	1378
Vamp-folding machine.....	G. F. Dunn.....	870,942	Nov. 12	1719	470-1	131	586
Vamp-holder.....	J. U. Bergquist.....	865,228	Sept. 3	712	202	130	215
Vanadium and its alloys. Producing.....	F. M. Becket.....	858,325	June 25	5627	.....	128	3220
Vanadium sulfid. Reducing.....	F. M. Becket.....	858,328	June 25	5631	.....	128	3221
Vanillin. Making.....	E. L. Froger-Delapierre.....	841,957	Jan. 22	4341	936-7	126	1225
Vanner.....	G. O. Bradley.....	850,415	Apr. 16	3450	723	127	2544
Vapor-apparatus-protecting device.....	P. H. Thomas.....	845,722	Feb. 26	5962	1259	126	3388
Vapor-burner.....	R. C. Nelson.....	847,496	Mar. 19	3555	779	127	955
Vapor-burner.....	A. H. Waite.....	861,066	July 23	4246	1164	129	1494
Vapor-burner.....	M. H. Farley.....	872,920	Dec. 3	1256	268	131	1365
Vapor-burner.....	J. Bruneau.....	874,735	Dec. 24	4984	1049	131	2065
Vapor generation and power system.....	F. X. Govers.....	869,897	Nov. 5	41	12	131	15
Vapor. Generation of.....	H. M. Pope and H. P. Maxim.....	865,725	Sept. 10	1507	425	130	489
Vapor mixtures. Apparatus for rectifying and de-phlegmating.....	J. J. Ponomarew.....	865,933	Sept. 10	1842	517	130	605
Vapor-rectifier system.....	O. O. Kruh.....	871,171	Nov. 19	2129	570	131	722
Vaporizer.....	M. Selgsohn.....	843,705	Feb. 12	1728	368	126	2261
Vaporizer.....	C. R. Radcliffe.....	864,687	Aug. 27	4061	1127-8	129	3441

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Vaporizer.....	H. Doek.....	866,115	Sept. 17	2134	593	130	728
Vaporizer.....	G. H. Bell.....	873,654	Dec. 10	2740	580	131	1643
Vaporizing device for lubricants.....	W. P. Maingault.....	850,771	Apr. 16	4144	867	127	2718
Varnish and making same. Amber.....	W. F. Weber.....	840,812	Jan. 8	2042	.....	126	564
Varnish for producing mat surfaces.....	A. Herbig.....	861,847	July 30	5482	.....	129	1917
Varnishes, balsams, and resins. Manufacture of.....	A. Kronstein.....	843,401	Feb. 5	1116	.....	126	2072
Varnishing composition and making same.....	K. Goldschmidt.....	859,937	July 16	2496	.....	129	890
Vat: See Cheese-vat. Milk or cream storage Dyer's vat. or cooling vat. Milk-vat. Pickling-vat.							
Vat-closure.....	H. W. Blaisdell.....	864,764	Aug. 27	4164	1156-7	129	3471
Vat cover. Bleach and dye.....	F. R. Vose.....	867,453	Oct. 1	339	98	130	1418
Vault.....	H. D. Hibbard.....	840,490	Jan. 8	1423	314-15	126	409
Vault.....	W. E. Arnold.....	840,680	Jan. 8	1785	394	126	500
Vault.....	W. H. Hollar.....	841,398	Jan. 15	3238	698	126	912
Vault.....	J. W. Doudna.....	859,550	July 9	1906	512	129	671
Vault. Burial.....	A. H. Havard.....	840,937	Jan. 8	2309	507-8	126	629
Vault. Burial.....	W. K. Waters.....	843,314	Feb. 5	980	201	126	2038
Vault. Burial.....	T. A. Stevenson.....	849,435	Apr. 9	1618	328	127	2038
Vault. Burial.....	T. B. Malone.....	857,245	June 13	3503	740	128	2653
Vault. Burial.....	N. B. Shallenberger.....	859,014	July 2	1095	290	129	373
Vault. Burial.....	W. A. Hazelbaker.....	860,212	July 16	2916	797	129	1027
Vault. Burial.....	A. Erlitz.....	867,813	Oct. 8	902	256	130	1609
Vault. Cement burial.....	A. E. Beall.....	859,193	July 9	1362	361	129	489
Vault. Cement burial.....	W. W. Gipe.....	864,241	Aug. 27	3329	922	129	3212
Vault-closure.....	F. Unckrich.....	872,864	Dec. 3	1156	245-6	131	1347
Vault-cover lock.....	W. S. Benedict.....	858,781	July 2	721	190	129	249
Vault-cover mold.....	J. H. Denney.....	848,538	Mar. 26	5635	1234	127	1506
Vault for ships. Mortuary.....	W. S. Upshur.....	858,683	July 2	556	144-5	129	193
Vault. Grave.....	W. A. Crew.....	860,282	July 16	3015	825	129	1062
Vault. Grave.....	J. G. Landon.....	861,470	July 30	4905	1346	129	1740
Vault. Grave.....	L. Williams and H. C. Brennecke.....	875,562	Dec. 31	6613	1383	131	2355
Vault-light.....	J. McGuigan and A. Priddle.....	849,260	Apr. 2	1232	262	127	1917
Vault-light.....	J. Jacobs.....	858,654	July 2	520	134	129	181
Vault-light.....	R. H. Old and W. J. Lederle.....	859,461	July 9	1763	472	129	1825
Vault-light.....	W. H. O'Brien.....	861,883	July 30	5530	1525	129	1932
Vault-light construction.....	J. Baker.....	874,922	Dec. 31	5372	1123	131	2151
Vault. Metallic burial.....	A. J. Perks.....	866,214	Sept. 17	2267	632-3	130	769
Vault mold. Burial.....	J. M. Pruett and W. Ard.....	870,045	Nov. 5	268	73	131	92
Vault-protecting device. Safe.....	E. V. Lorig and U. G. Graham.....	856,075	June 4	1193	253	128	1994
Vault. Reinforced.....	E. J. Winslow.....	871,655	Nov. 19	3148	781	131	882
Vault. Sectional.....	E. J. Winslow.....	871,977	Nov. 26	3860	933-4	131	1019
Vaults. Constructing cement burial.....	S. W. Beckwith.....	860,184	July 16	2873	784	129	1014
Vegetable and fruit picker table.....	G. A. Cram.....	862,865	Aug. 6	1252	339	129	2467
Vegetable-chipper.....	R. Woerner.....	858,128	June 25	5280	1121	128	3132
Vegetable-cutter.....	J. Neukirchen.....	842,236	Jan. 29	4333	1052	126	1403
Vegetable-cutter.....	H. L. Bailey.....	847,306	Mar. 19	3162	696	127	857
Vegetable-cutter.....	O. H. Miller.....	854,229	May 21	3793	782-3	128	1041
Vegetable-cutter.....	B. A. Baggett.....	854,621	May 21	4499	938	128	1218
Vegetable-cutter.....	J. C. Carsley.....	865,628	Sept. 10	1366	387	130	447
Vegetable-cutting machine.....	Z. Ono.....	852,844	May 7	957	197	128	244
Vegetable-disintegrator.....	C. Hoover.....	868,437	Oct. 15	1924	538	130	1940
Vegetable fibers. Preparing.....	H. R. Bonny.....	855,751	June 4	601	123	128	1850
Vegetable matter. Apparatus for recovering products from.....	R. H. Partridge.....	840,362	Jan. 1	1167	253	126	309
Vegetable matter. Protecting.....	A. Koy.....	857,075	June 18	3189	.....	128	2575
Vegetable-topping machine.....	A. E. Vrooman.....	869,816	Oct. 29	4107	1134-5	130	2668
Vegetable washing and peeling machine.....	F. Delpire.....	856,037	June 4	1135	238	128	1981
Vehicle.....	S. D. Maddin.....	840,146	Jan. 1	730	158-9	126	199
Vehicle.....	J. D. Rourk and G. J. A. Baddett.....	840,588	Jan. 8	1626	357	126	459
Vehicle.....	G. E. Murrell.....	842,804	Jan. 29	6165	1301	126	1715
Vehicle.....	O. J. Widmeier.....	844,982	Feb. 19	4474	955	126	2977
Vehicle.....	J. P. Lain.....	847,414	Mar. 19	3395	743	127	914
Vehicle.....	M. W. Heyenga.....	847,576	Mar. 19	3709	817-18	127	997
Vehicle.....	F. Fder.....	850,300	Apr. 16	3229	673	127	2485
Vehicle.....	H. D. Smith.....	850,500	Apr. 16	3626	758	127	2587
Vehicle.....	V. G. Gilbreath.....	852,112	Apr. 30	6878	1436	127	3475
Vehicle.....	R. E. Adams.....	853,614	May 14	2516	521-2	128	680
Vehicle.....	R. J. Weber.....	854,188	May 21	3715	769	128	1020
Vehicle.....	C. H. Kramer.....	855,064	May 28	5426	1126	128	1486
Vehicle.....	S. R. Estep.....	855,508	June 4	125	25-6	128	1725
Vehicle.....	S. Dyer.....	859,171	July 2	1323	351-2	129	446
Vehicle.....	S. D. and H. T. Latty.....	859,951	July 16	2519	684	129	897
Vehicle.....	M. L. Johnson.....	861,988	July 30	5685	1577-8	129	1979
Vehicle.....	C. Cretors.....	862,963	Aug. 13	1395	379	129	2547
Vehicle.....	A. Schieppati and E. Izar.....	864,568	Aug. 27	3871	1074	129	3382
Vehicle.....	E. L. Brillhart.....	866,769	Sept. 24	3099	873	130	1068
Vehicle.....	Z. E. Williamson.....	872,877	Dec. 3	1180	251	131	1352
Vehicle.....	E. C. Bruen.....	873,711	Dec. 17	2862	609-10	131	1696
Vehicle actuated by friction-gear. Motor.....	J. E. Labus and G. J. Schreiber.....	863,406	Aug. 13	2072	559	129	2764
Vehicle. Ammunition.....	W. Mayer.....	857,246	June 18	3504	740	128	2653
Vehicle and boat. Combination amusement.....	J. E. Garrette.....	865,882	Sept. 10	1766	492	130	583
Vehicle and boat. Combined.....	E. T. Charmon.....	863,261	Aug. 13	1873	505	129	2698
Vehicle and spring thereof.....	E. L. Brillhart.....	874,484	Dec. 24	4459	940	131	1983
Vehicle antivibration device.....	F. Lamplough.....	846,797	Mar. 12	2170	477	127	582
Vehicle attachment.....	P. A. Blair.....	851,154	Apr. 23	4885	1028	127	2944
Vehicle attachment.....	C. C. Crawford.....	858,578	July 2	360	92	129	128
Vehicle attachment. Self-propelled.....	O. Smith.....	874,128	Dec. 17	3755	790	131	1832
Vehicle belt-shifter. Motor.....	C. H. Dent.....	870,159	Nov. 5	441	121-2	131	145
Vehicle-bodies. Reinforced corner for.....	D. M. and T. H. Parry.....	871,886	Nov. 26	3646	889	131	989
Vehicle-body.....	J. D. Artz.....	842,511	Jan. 29	5545	1173	126	1565
Vehicle-body.....	A. A. Gaylord.....	860,971	July 23	4100	1123	129	1450
Vehicle-body.....	H. H. Porter, Jr.....	869,260	Oct. 29	3216	885-6	130	2399
Vehicle body and frame.....	V. G. Apple.....	868,749	Oct. 22	2443	676	130	2131
Vehicle-body brace.....	J. C. Morton.....	866,730	Sept. 24	3040	857	130	1049

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Vehicle-body. Closed	R. Silver	859,344	July 9	1602	425	129	572
Vehicle-body. Interchangeable	W. N. Beecher	845,844	Mar. 5	219	45	127	57
Vehicle-body. Metal	H. and A. P. Smith	869,025	Oct. 22	2860	790	130	2260
Vehicle-body spring-support	L. N. Stewart	848,864	Apr. 2	547	108	127	1729
Vehicle-body support	E. G. Hines	839,845	Jan. 1	79	19	126	23
Vehicle bolster-brake	I. Broadhead	868,407	Oct. 15	1876	526	130	1927
Vehicle bow-rest	J. H. Sprague	844,969	Feb. 19	4451	951	126	2970
Vehicle-boxes from rocking. Device for keeping	C. Sallows	846,866	Mar. 12	2310	508	127	618
Vehicle-brace	R. Aton	847,224	Mar. 12	3005	663	127	789
Vehicle-brace	P. Jess	874,204	Dec. 17	3912	823	131	1859
Vehicle-brake	J. B. Howerton	842,203	Jan. 29	4860	1037	126	1385
Vehicle-brake	G. S. Tebbetts	842,271	Jan. 29	5002	1068	126	1420
Vehicle-brake	W. K. Ashinhurst	842,512	Jan. 29	5548	1174	126	1566
Vehicle-brake	P. Hallot	845,633	Feb. 26	5763	1220-1	126	3339
Vehicle-brake	D. T. Lohnes	846,038	Mar. 5	647	136	127	165
Vehicle-brake	B. P. Lukens and I. S. Diehl	848,668	Apr. 2	95	21	127	1609
Vehicle-brake	W. E. and C. S. Heavlin	849,682	Apr. 9	2100	432	127	2157
Vehicle-brake	H. S. Parker	849,918	Apr. 9	2538	524	127	2270
Vehicle-brake	F. Hoffman	850,225	Apr. 16	3104	649	127	2451
Vehicle-brake	R. F. Armstrong	850,284	Apr. 16	3200	667	127	2477
Vehicle-brake	A. B. Caldwell	853,496	May 14	2270	470-1	128	616
Vehicle-brake	O. Schulz	854,386	May 21	4058	838	128	1110
Vehicle-brake	J. F. Vollmer	859,268	July 9	1472	393	129	529
Vehicle-brake	M. Fischer	860,909	July 23	3995	1095	129	1414
Vehicle-brake	G. Brendel	862,877	Aug. 13	1274	345	129	2509
Vehicle-brake	N. J. Rice	864,031	Aug. 20	2997	828	129	3080
Vehicle-brake	A. J. Baity	864,060	Aug. 20	3044	841	129	3095
Vehicle-brake	T. L. and T. J. Sturtevant. (Re-issue.)	12,683	Aug. 27	4167	1157	129	3472
Vehicle-brake	B. Viola	865,002	Sept. 3	378	102-3	130	119
Vehicle-brake	C. H. Bach	865,751	Sept. 10	1552	438	130	505
Vehicle-brake	J. M. Lansden, Jr.	867,057	Sept. 24	3538	1002	130	1203
Vehicle-brake	J. G. Ebken	868,170	Oct. 15	1485	420	130	1809
Vehicle-brake	J. N. Mahoney	870,188	Nov. 5	489	134	131	160
Vehicle-brake	D. Cockingham	870,666	Nov. 12	1262	344	131	445
Vehicle-brake	M. Jewell	873,552	Dec. 10	2560	540	131	1610
Vehicle brake. Motor-	G. Enrico	857,272	June 18	3559	753	128	2667
Vehicle brake mechanism. Hand-propelled-	M. Murray	862,500	Aug. 6	668	180	129	2295
Vehicle brake. Power-driven-	J. N. Mahoney	870,189	Nov. 5	492	831	131	161
Vehicle brake. Power-driven-	J. N. Mahoney	874,219	Dec. 17	3936	1173	131	1863
Vehicle-canopy	F. W. Wolf	845,501	Feb. 26	5535	134-5	126	3283
Vehicle check attachment	S. L. Duckett	846,405	Mar. 5	1364	300	127	346
Vehicle-cleaning device	B. H. Pugh	846,614	Mar. 12	1829	402	127	495
Vehicle-construction	C. J. Harris	870,287	Nov. 5	647	174	131	211
Vehicle control system	N. W. Storer	870,802	Nov. 12	1487	406	131	516
Vehicle control system. Electric-	O. A. Sandborgh	874,869	Dec. 24	5222	1100	131	2108
Vehicle-controller. Hydraulic	J. W. Anderson	860,434	July 16	3254	890	129	1139
Vehicle-controller. Motor-	C. E. Frear	868,081	Oct. 15	1366	383	130	1773
Vehicle-controlling apparatus	G. T. Woods	867,180	Sept. 24	3732	1055-6	130	1265
Vehicle-controlling mechanism. Self-propelled-	C. C. and H. R. Worthington	872,101	Nov. 26	4130	988	131	1060
Vehicle-coupling	G. M. Olsen	860,763	July 23	3770	1033	129	1340
Vehicle-coupling	J. W. Impeccoven	870,105	Nov. 5	351	98	131	117
Vehicle-cover	E. L. Westbrooke	844,220	Feb. 12	2703	577	126	2503
Vehicle-curtain fastener	F. A. Neider	868,217	Oct. 15	1554	442	130	1829
Vehicle-curtains and the like. Fastener for	J. M. Walsh	855,029	May 28	5360	1113	128	1467
Vehicle-door	J. Ludwig and W. Bradbury	869,249	Oct. 29	3204	882	130	2395
Vehicle draft attachment	J. M. Sudduth	855,263	May 28	5823	1214	128	1585
Vehicle draft-rigging	W. J. Drees	841,132	Jan. 15	2178	593	126	780
Vehicle drive mechanism. Motor-	A. Ziska, Jr.	872,881	Dec. 3	1184	252-3	131	1353
Vehicle driving and steering mechanism. Motor-	H. G. Coykendall	849,662	Apr. 9	2069	425	127	2150
Vehicle driving-clutch. Mechanically-propelled-	T. B. Jeffery	859,945	July 16	2508	681	129	894
Vehicle driving-gear. Motor-	W. H. Douglas	864,623	Aug. 27	3955	1097-8	129	3407
Vehicle driving-gear. Motor-	C. R. Binney and J. L. Watkins	866,908	Sept. 24	3299	930-1	130	1129
Vehicle driving-gear. Motor-	G. A. Weidely	874,811	Dec. 24	5110	1076	131	2089
Vehicle. Drop-body	A. P. Bowman	863,585	Aug. 20	2347	640-1	129	2875
Vehicle. Dumping	E. I. Nottingham	844,891	Feb. 19	4326	922-3	126	2939
Vehicle. Dumping	E. H. Armatage and H. G. O. Lindsay	858,364	July 2	6	3	129	4
Vehicle-dumping apparatus	A. L. Young	851,050	Apr. 23	4680	984	127	2893
Vehicle dumping-body	C. Miller	847,964	Mar. 19	4545	999	127	1198
Vehicle-dumping device	M. I. Tuttle	855,267	May 28	5830	1215	128	1587
Vehicle. Electrically-propelled	M. Pfatischer	840,865	Jan. 8	2149	475	126	589
Vehicle. Electrically-propelled	M. Pfatischer	840,866	Jan. 8	2152	476	126	590
Vehicle. Electrically-propelled	R. Thayer	857,686	June 25	4362	922	128	2900
Vehicle. Electrically-propelled	R. Thayer	871,457	Nov. 19	2770	698	131	819
Vehicle emergency-brake	D. F. and H. H. Greaser	850,302	Apr. 16	3232	674	127	2486
Vehicle-fender	F. Roeder	847,204	Mar. 12	2975	655-6	127	782
Vehicle-fender	L. A. Frayer and W. J. Miller	848,022	Mar. 26	4686	1022	127	1270
Vehicle-fender	J. L. Schureman	875,556	Dec. 31	6604	1380	131	2353
Vehicle-fender. Motor-	B. P. Wise	861,624	July 30	5137	1410	129	1815
Vehicle-fender. Motor-	D. J. Welton	863,124	Aug. 13	1659	444	129	2632
Vehicle. Folding	R. J. Ehlers	863,972	Aug. 20	2918	804	129	3055
Vehicle. Foot-propelled	W. M. Dailey	841,635	Jan. 15	3680	798-9	126	1026
Vehicle foot-rest	W. H. Keyes	871,279	Nov. 19	2360	613	131	759
Vehicle-footboard. Adjustable	J. Hage	839,838	Jan. 1	65	15	126	19
Vehicle for agricultural purposes. Motor-	H. P. Saunderson	872,255	Nov. 26	4441	1055-6	131	1110
Vehicle for recreation or amusement	T. W. Potts	871,294	Nov. 19	2405	622	131	764
Vehicle-frame	J. H. Foster	846,787	Mar. 12	2147	472	127	576
Vehicle-frame	O. Stolp	850,073	Apr. 9	2790	587	127	2330
Vehicle-frame. Pedaled-	S. D. and H. T. Latty	858,661	July 2	529	136	129	183
Vehicle friction-brake	T. J. Lindsay	861,298	July 30	4617	1262	129	1652
Vehicle front gear	C. G. Streich	843,117	Feb. 5	576	121	126	1942
Vehicle-gear	F. E. Wilcox	839,913	Jan. 1	228	49	126	63
Vehicle-heater	J. A. Shutz and M. L. Kirkman	870,648	Nov. 12	1230	334	131	436
Vehicle-hood frame. Road-	J. Hopper	866,468	Sept. 17	2638	737	130	888
Vehicle-jack	A. Gordon	850,830	Apr. 16	4254	893	127	2746

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Vehicle. Land and water.	D. F. Akin.	865,845	Sept. 10	1720	478	130	570
Vehicle. Motor.	G. T. Glover.	840,930	Jan. 8	2288	502-4	126	625
Vehicle. Motor.	E. R. Fouts.	841,239	Jan. 15	2918	635	126	830
Vehicle. Motor.	E. Sheer.	842,260	Jan. 29	4975	1062	126	1412
Vehicle. Motor.	M. Fischer.	844,011	Feb. 12	2295	491	126	2401
Vehicle. Motor.	W. D. Lloyd.	844,375	Feb. 19	3045	651-2	126	2627
Vehicle. Motor.	E. C. Hardegen and H. H. Kennedy.	845,080	Feb. 26	4695	996	126	3071
Vehicle. Motor.	M. H. Magie and C. N. Winters.	849,483	Apr. 9	1729	350-1	127	2064
Vehicle. Motor.	L. C. Lull.	849,549	Apr. 9	1860	378	127	2098
Vehicle. Motor.	C. Kohlmyer.	850,018	Apr. 9	2688	564	127	2306
Vehicle. Motor.	R. Herman.	851,418	Apr. 23	5428	1137	127	3080
Vehicle. Motor.	A. L. McMurtry.	851,639	Apr. 30	5992	1250	127	3249
Vehicle. Motor.	D. M. Dearing.	852,707	May 7	675	131	128	177
Vehicle. Motor.	J. D. R. Lamson.	852,884	May 7	1061	218	128	271
Vehicle. Motor.	L. E. Smith.	853,132	May 7	1529	318-19	128	386
Vehicle. Motor.	B. D. Druen.	854,408	May 21	4108	850	128	1122
Vehicle. Motor.	G. Rothgiesser.	854,432	May 21	4154	860-1	128	1132
Vehicle. Motor.	T. J. Thorp.	855,597	June 4	293	60-1	128	1770
Vehicle. Motor.	L. C. Lull.	857,084	June 18	3214	676	128	2579
Vehicle. Motor.	H. M. Pope.	859,516	July 9	1844	496	129	651
Vehicle. Motor.	W. C. Price.	859,517	July 9	1845	497	129	651
Vehicle. Motor.	G. E. Whitney.	860,614	July 16	3537	971	129	1233
Vehicle. Motor.	C. Messick, Jr.	863,622	Aug. 20	2402	661	129	2894
Vehicle. Motor.	J. Forrest.	864,364	Aug. 27	3511	975	129	3268
Vehicle. Motor.	W. J. Miller.	866,294	Sept. 17	2390	665-6	130	810
Vehicle. Motor.	G. P. Parks.	870,459	Nov. 5	932	254	131	304
Vehicle. Motor.	W. C. Schwarz.	873,620	Dec. 10	2689	568	131	1633
Vehicle motor attachment.	E. Hopper.	860,603	July 16	3509	966	129	1224
Vehicle. Motor-driven.	I. W. Schmidt and H. R. Schweinler.	848,267	Mar. 26	5113	1116	127	1379
Vehicle. Motor-driven.	A. L. McMurtry.	853,674	May 7	617	118	128	161
Vehicle. Motor road.	H. P. Maxim.	845,106	Feb. 26	4753	1008-9	126	3088
Vehicle mud-guard.	W. T. McCauley.	857,747	June 25	4487	947	128	2933
Vehicle-numbering device.	A. Balzer.	860,074	July 16	2721	741	129	964
Vehicle. Pleasure.	W. T. Adams and J. R. Divens.	840,283	Jan. 1	996	217	126	268
Vehicle pneumatic equalizer.	C. Rosenzweig.	871,186	Nov. 19	2155	575-6	131	727
Vehicle. Power-driven.	J. A. Herzog.	863,604	Aug. 20	2375	651-2	129	2885
Vehicle propelling and steering mechanism.	J. A. Sherry.	858,224	June 25	5458	1164-5	128	3178
Vehicle-propelling device.	W. C. Berner.	872,638	Dec. 3	672	140	131	1273
Vehicle-propelling means.	J. A. Russell.	863,759	Aug. 20	2595	718	129	2957
Vehicle-reach.	A. G. Brunsman.	847,548	Mar. 19	3660	807	127	985
Vehicle-reach.	G. J. McCoy.	857,822	June 25	4637	984	128	2970
Vehicle-reach.	M. Bisbing.	860,785	July 23	3803	1043	129	1351
Vehicle-reach.	H. Higgin.	871,222	Nov. 19	2231	589	131	739
Vehicle reach-coupling.	J. A. Dann.	844,501	Feb. 19	3296	711	126	2690
Vehicle recoil-check.	W. H. Staats.	872,544	Dec. 3	487	102	131	1242
Vehicle. Recreation.	T. H. Walther.	863,563	Aug. 13	2295	628	129	2829
Vehicle-rim.	P. Ebner.	848,017	Mar. 26	4679	1020	127	1269
Vehicle-rim.	L. B. and J. Gast, Jr.	864,841	Sept. 3	125	34	130	39
Vehicle. Road.	H. E. Kline.	857,633	June 25	4260	900	128	2874
Vehicle. Road.	A. F. Meyer.	862,267	Aug. 6	265	76	129	2165
Vehicle-runner.	W. M. Hoag and M. H. Krieger.	839,929	Jan. 1	256	55	126	71
Vehicle running and propelling gear.	C. E. Phillips.	871,623	Nov. 19	3093	768-9	131	872
Vehicle running-gear.	W. H. Strickler.	843,420	Feb. 5	1148	241	126	2079
Vehicle running-gear.	L. J. Simmers.	844,898	Feb. 19	4338	926	126	2942
Vehicle running-gear.	J. W. Bentler.	848,281	Mar. 26	5152	1123	127	1389
Vehicle running-gear.	P. Richardson.	850,783	Apr. 16	4165	872	127	2723
Vehicle running-gear.	F. R. Owens.	858,348	June 25	5685	1215	128	3240
Vehicle running-gear.	J. L. Hecht.	858,981	July 2	1051	277	129	358
Vehicle running-gear.	B. W. Berry.	859,040	July 2	1134	303	129	386
Vehicle running-gear.	E. X. Schaeffhold.	859,526	July 9	1859	500	129	656
Vehicle running-gear.	J. Beers.	863,897	Aug. 20	2814	773	129	3026
Vehicle running-gear.	F. Schmidt.	868,133	Oct. 15	1440	404	130	1796
Vehicle running-gear.	T. F. Van Loven.	868,731	Oct. 22	2418	669	130	2123
Vehicle running-gear. Motor.	J. Warrington and H. C. Marmon. (Reissue.)	12,609	Feb. 12	2920	621	126	2557
Vehicle running-gear. Motor.	D. M. Dearing.	869,881	Nov. 5	13	4-5	131	7
Vehicle safety device.	M. D. Rosa.	872,849	Dec. 3	1126	237-8	131	1342
Vehicle sand-band.	F. Bennett.	874,927	Dec. 31	5380	1125	131	2153
Vehicle sanding device. Motor.	A. L. Moss.	858,893	July 2	911	238	129	314
Vehicle screen. Motor.	T. H. Whiting.	874,046	Dec. 17	3544	755	131	1806
Vehicle-seat.	J. B. Pitcher.	871,624	Nov. 19	3097	769	131	873
Vehicle-seat.	W. Brewster.	872,554	Dec. 3	512	106	131	1246
Vehicle-seat. Adjustable.	A. C. Anderson.	861,347	July 30	4699	1284	129	1679
Vehicle-seat. Adjustable.	A. C. Anderson.	874,723	Dec. 24	4963	1042-3	131	2062
Vehicle-seat brace.	M. Hoagland.	861,983	July 30	5679	1575	129	1978
Vehicle-seat lock.	J. Areoren.	865,152	Sept. 3	589	166	130	179
Vehicle shock-absorber.	D. Robinson.	871,237	Nov. 19	2268	596	131	745
Vehicle shock-absorber.	D. Robinson.	871,631	Nov. 19	3111	772	131	875
Vehicle shock-absorbing device.	C. H. Foster.	872,808	Dec. 3	1020	215	131	1329
Vehicle. Side-spring.	C. A. Behlen.	867,233	Oct. 1	10	3	130	1320
Vehicle snow-shoe attachment. Wheeled.	N. Minster.	859,963	July 16	2534	688	129	902
Vehicle speed-gear. Motor.	T. H. Bastin.	853,947	May 21	3222	661-2	128	894
Vehicle speed-timing device.	A. L. McMurtry.	847,595	Mar. 19	3759	824	127	1011
Vehicle-spindle washer.	V. Scott and C. Wolf.	844,545	Feb. 19	3402	733	126	2714
Vehicle-spring.	M. Emmerich.	849,109	Apr. 2	1005	203	127	1845
Vehicle-spring.	C. Wesp.	856,501	June 11	2093	430	128	2259
Vehicle-spring.	F. E. Pratt.	857,256	June 18	3519	744	128	2657
Vehicle-spring.	C. Burgess, Jr.	857,383	June 18	3768	797	128	2720
Vehicle-spring.	G. S. Beers.	861,702	July 30	5252	1443	129	1847
Vehicle-spring.	H. A. Grafe.	862,632	Aug. 6	893	239	129	2361
Vehicle-spring.	T. A. Hoover.	862,917	Aug. 13	1328	362	129	2527
Vehicle-spring.	J. H. Athons.	863,565	Aug. 13	2296	628	129	2829
Vehicle-spring.	M. L. Sanderling.	863,664	Aug. 20	2458	677	129	2913

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Vehicle-spring.	G. W. Loeffler	865,259	Sept. 3	753	215	130	228
Vehicle-spring.	J. O. Lewis.	865,505	Sept. 10	1167	332	130	385
Vehicle-spring.	J. O. Lewis.	865,599	Sept. 10	1317	373	130	429
Vehicle-spring.	A. Falkenhainer	871,920	Nov. 26	3723	906	131	1000
Vehicle-spring.	P. J. McGinn	873,325	Dec. 10	2120	442	131	1534
Vehicle-spring.	G. Schmitt.	873,329	Dec. 10	2126	443	131	1535
Vehicle spring attachment.	J. H. Sager.	851,609	Apr. 23	5802	1213	127	3172
Vehicle-spring buffer	P. McKay.	842,001	Jan. 22	4434	954	126	1247
Vehicle-spring-gear.	J. L. B. Shepard.	870,692	Nov. 12	1297	354-5	131	455
Vehicle-spring. Pneumatic	V. H. Podstata and F. M. Preucil.	850,180	Apr. 16	3016	631	127	2427
Vehicle-spring. Pneumatic	G. W. Bell.	856,510	June 11	2106	433	128	2261
Vehicle-spring suspension.	W. W. Macfarren.	869,583	Oct. 29	3753	1027	130	2564
Vehicle-stake	G. L. Harvey.	843,206	Feb. 5	763	157	126	1988
Vehicle-stake	G. L. Harvey.	848,103	Mar. 26	4821	1052	127	1304
Vehicle. Steam-propelled.	H. Lemp.	839,567	July 9	1934	521-2	129	679
Vehicle steering device.	E. J. Vraalstad.	874,878	Dec. 24	5239	1103-4	131	2111
Vehicle steering device. Wheeled.	J. W. Love.	841,991	Jan. 22	4412	951	126	1241
Vehicle steering-gear.	J. T. Girard.	853,968	May 21	3263	670	128	906
Vehicle steering-gear.	J. A. Herzog.	866,133	Sept. 17	2154	599	130	734
Vehicle steering-gear.	J. P. Simmons.	874,802	Dec. 24	5095	1073	131	2087
Vehicle steering-gear. Motor.	W. E. Slater.	857,494	June 18	3979	846	128	2772
Vehicle steering-gear. Motor.	G. A. Gemmer.	861,104	July 23	4304	1181-2	129	1514
Vehicle steering mechanism.	A. L. Riker.	840,660	Jan. 8	1751	385-6	126	492
Vehicle steering mechanism. Automatic	W. H. Strickler.	867,765	Oct. 8	815	232	130	1583
Vehicle steering-wheel. Motor.	H. Kaminski.	858,723	July 2	625	163	129	216
Vehicle-step.	W. A. Lannom.	847,385	Oct. 1	243	70	130	1388
Vehicle-step.	J. G. Lohner.	875,540	Dec. 31	6582	1374-5	131	2348
Vehicle-step. Extension	G. F. Shaw.	816,151	Mar. 5	889	187	127	227
Vehicle storm-front	L. Cockrill.	843,133	Feb. 5	600	127-8	126	1948
Vehicle storm-front	F. C. Brock and E. M. Du Bois.	846,820	Mar. 12	2220	486	127	595
Vehicle storm-front	H. D. Pursell.	848,769	Apr. 2	301	62	127	1663
Vehicle storm-front	O. A. Charles.	864,952	Sept. 3	299	79	130	96
Vehicle storm-front.	F. C. Brock and E. M. du Bois.	870,011	Nov. 5	221	59	131	78
Vehicle storm-front. Adjustable	G. W. Scott. (Reissue)	12,613	Feb. 26	5996	1266	126	3398
Vehicle storm-shield	J. J. Russell, Jr.	845,436	Feb. 26	5395	1146	126	3247
Vehicle-support	M. N. Davis.	851,588	Apr. 23	5768	1206	127	3164
Vehicle-suspending device.	W. Brierley.	863,146	Aug. 13	1692	454	129	2642
Vehicle suspension device	G. Diezemann	840,049	Jan. 1	511	111	126	136
Vehicle third seat	T. Bond, Sr.	861,428	July 30	4841	1328	129	1722
Vehicle-top.	J. M. Rebholz.	847,970	Mar. 19	4559	1002	127	1201
Vehicle-top.	O. Sutton.	832,146	Apr. 30	6940	1449	127	3491
Vehicle-top.	H. M. Kelley.	839,815	July 9	2296	624-5	129	797
Vehicle-top.	J. A. Hemsley.	873,233	Dec. 10	1912	401-2	131	1502
Vehicle-top bow-fastening.	Z. G. Sholes.	871,047	Nov. 12	1874	512-13	131	635
Vehicle-top bow-holder.	C. L. Bair.	866,416	Sept. 17	2567	717	130	865
Vehicle-top shifter-fastener	J. Z. Miller.	843,348	Feb. 5	1038	214	126	2052
Vehicle-top shifting-rail lock	J. D. Pilgrim.	850,600	Apr. 16	3813	796	127	2636
Vehicle-top support.	H. Carrow.	842,523	Jan. 29	5570	1178	126	1570
Vehicle-top support.	J. d' Alessandro.	858,435	July 2	111	31	129	37
Vehicle-top support.	A. H. Gursley and W. D. Roberts.	860,087	July 16	2738	747	129	969
Vehicle-top support.	T. Heney.	869,567	Oct. 29	3731	1021	130	2558
Vehicle-top support.	G. Lake.	873,055	Dec. 10	1583	331	131	1446
Vehicle-tops. Bow-spacing clamp for	M. M. Trout.	841,072	Jan. 8	2569	561	126	694
Vehicle-tops. Concealed fitting for mounting	W. C. Rands.	839,250	July 9	1446	385-6	129	521
Vehicle-tops. Removable bottom frame for	C. Silcott.	848,059	Mar. 26	4746	1035	127	1286
Vehicle turning-gear.	E. McGraw.	863,742	Aug. 20	2567	719	129	2948
Vehicle-ventilating system	S. C. Carroll.	847,238	Mar. 12	3029	667	127	794
Vehicle-washer.	M. H. Dorgan.	871,574	Nov. 19	3011	750	131	858
Vehicle. Water-	J. Mikulasek.	872,140	Nov. 26	4209	1005	131	1073
Vehicle-wheel.	S. S. Childs.	840,824	Jan. 8	2065	457	126	569
Vehicle-wheel.	G. W. Zwiebel.	840,985	Jan. 8	2390	523	126	650
Vehicle-wheel.	W. E. Schneider.	841,578	Jan. 15	3563	769	126	997
Vehicle-wheel.	H. W. Würth.	841,912	Jan. 22	4268	919	126	1207
Vehicle-wheel.	J. H. O'Daniel.	842,488	Jan. 29	5496	1163	126	1556
Vehicle-wheel.	J. C. Rutherford.	842,709	Jan. 29	5381	1261-2	126	1671
Vehicle-wheel.	W. P. Juivey.	843,172	Feb. 5	679	142	126	1965
Vehicle-wheel.	A. Jay.	843,738	Feb. 12	1786	381	126	2276
Vehicle-wheel.	J. J. Stevenson.	843,913	Feb. 12	2125	454	126	2360
Vehicle-wheel.	S. S. Childs.	845,054	Feb. 26	4637	986	126	3057
Vehicle-wheel.	P. E. Dawson.	847,245	Mar. 12	3043	671	127	798
Vehicle-wheel.	J. A. Pomeroy.	847,817	Mar. 19	4242	929	127	1124
Vehicle-wheel.	W. S. Hadley.	848,461	Mar. 26	5502	1199	127	1475
Vehicle-wheel.	T. Jones.	848,747	Apr. 2	253	51	127	1651
Vehicle-wheel.	C. A. Gauld.	849,062	Apr. 2	901	184	127	1817
Vehicle-wheel.	A. A. Ambler.	849,095	Apr. 2	960	196	127	1832
Vehicle-wheel.	A. A. Daugherty.	849,373	Apr. 9	1505	306	127	2006
Vehicle-wheel.	A. A. Daugherty.	849,374	Apr. 9	1507	306	127	2007
Vehicle-wheel.	E. O. Barnes.	849,525	Apr. 9	1822	369	127	2089
Vehicle-wheel.	C. S. Morse.	849,849	Apr. 9	2422	494	127	2240
Vehicle-wheel.	J. E. Foley.	850,636	Apr. 16	3907	814	127	2660
Vehicle-wheel.	E. A. Fountain.	850,637	Apr. 16	3908	815	127	2660
Vehicle-wheel.	L. D. Bergh.	852,254	Apr. 30	7130	1493	127	3541
Vehicle-wheel.	W. F. M. McCarty.	852,289	Apr. 30	7186	1509	127	3553
Vehicle-wheel.	L. P. Marsal and R. W. Baker.	852,668	May 7	607	116	128	158
Vehicle-wheel.	L. A. Hill. (Reissue)	12,647	May 7	1698	352	128	428
Vehicle-wheel.	E. F. Krell.	854,655	May 21	4560	952	128	1233
Vehicle-wheel.	J. Nash.	854,699	May 21	4666	972	128	1260
Vehicle-wheel.	R. T. Smith, Jr.	854,914	May 28	5126	1066-7	128	1409
Vehicle-wheel.	T. Midgley.	856,081	June 4	1202	255	128	1996
Vehicle-wheel.	J. B. Hunter.	856,156	June 4	1361	285	128	2037
Vehicle-wheel.	E. D. Woods.	856,329	June 11	1742	361	128	2168
Vehicle-wheel.	C. A. Rittman.	856,367	June 11	1846	379	128	2196
Vehicle-wheel.	J. R. Welch.	857,219	June 18	3459	730	128	2642
Vehicle-wheel.	F. J. Conant.	857,330	June 18	3661	775	128	2694
Vehicle-wheel.	F. Fphraim.	857,335	June 18	3676	777	128	2698

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Vehicle-wheel	D. Ward	857,546	June 18	4085	867	128	2800
Vehicle-wheel	R. Jones	857,629	June 25	4253	898	128	2873
Vehicle-wheel	J. M. Davidson	858,795	July 2	760	197	129	269
Vehicle-wheel	D. W. and G. M. Nichols	858,818	July 2	804	210	129	277
Vehicle-wheel	Y. S. Cook	859,370	July 9	1645	438	129	586
Vehicle-wheel	J. H. Forrest	860,363	July 16	3143	860	129	1103
Vehicle-wheel	O. Skog	861,056	July 23	4236	1160	129	1490
Vehicle-wheel	J. M. Lansden, Jr.	861,370	July 30	4745	1296	129	1693
Vehicle-wheel	M. G. Babio	861,792	July 30	5396	1488-9	129	1892
Vehicle-wheel	J. F. De Jarnette	862,063	July 30	5799	1608	129	2017
Vehicle-wheel	T. Rowland	863,451	Aug. 13	2132	574	129	2781
Vehicle-wheel	W. W. Van Eppen and L. Brown	863,678	Aug. 20	2474	683	129	2913
Vehicle-wheel	J. Alloatti	863,827	Aug. 20	2702	745	129	2991
Vehicle-wheel	A. L. Fennell	864,089	Aug. 20	3085	851	129	3107
Vehicle-wheel	E. Schuyler and J. A. Hyle	864,110	Aug. 20	3118	863	129	3118
Vehicle-wheel	I. Abbott	865,072	Sept. 3	489	135	130	148
Vehicle-wheel	G. R. Williams	865,143	Sept. 3	577	162	130	176
Vehicle-wheel	C. von Kusserow	866,367	Sept. 17	2506	699	130	846
Vehicle-wheel	H. Villiers-Stuart	866,540	Sept. 17	2736	765-6	130	917
Vehicle-wheel	G. S. Whiteley	868,047	Oct. 15	1318	368	130	1759
Vehicle-wheel	W. J. and J. R. Mitchell	868,611	Oct. 15	2212	615	130	2035
Vehicle-wheel	S. C. Moore and C. C. Freeman	868,682	Oct. 22	2337	647	130	2101
Vehicle-wheel	N. Schenk	871,297	Nov. 19	2412	624	131	765
Vehicle-wheel	R. F. Corwin	871,481	Nov. 19	2819	709	131	827
Vehicle-wheel	W. G. Mullen	871,515	Nov. 19	2893	724	131	838
Vehicle-wheel	E. Sutherland	872,311	Nov. 26	4546	1076	131	1128
Vehicle-wheel	T. L. McConaughy	872,668	Dec. 3	735	153	131	1283
Vehicle-wheel	T. J. Mell	872,836	Dec. 3	1095	229	131	1338
Vehicle-wheel	C. E. Cole	873,841	Dec. 17	3150	671	131	1740
Vehicle-wheel	W. E. Snediker	873,907	Dec. 17	3259	695	131	1761
Vehicle-wheel	H. M. Starley	873,911	Dec. 17	3267	697-8	131	1762
Vehicle-wheel	C. W. Stapleton	874,708	Dec. 24	4926	1034	131	2057
Vehicle-wheel and axle	J. E. Murray	857,296	June 18	3606	763	128	2680
Vehicle-wheel and pneumatic tire for same	R. Dalmer	853,228	May 14	1742	361-2	128	473
Vehicle-wheel. Elastic	R. Schnicke	841,189	Jan. 15	2816	614	126	805
Vehicle-wheel. Motor	W. A. F. McCallum	852,893	May 7	1074	221	128	275
Vehicle-wheel. Motor and other road	F. Walton	841,290	Jan. 15	3014	655	126	853
Vehicle-wheel. Resilient	J. Partington	855,199	May 28	5709	1188	128	1554
Vehicle-wheel. Resilient	C. J. Malings	871,351	Nov. 19	2529	650	131	784
Vehicle-wheel. Road	J. Davies	865,765	Sept. 10	1573	443-4	130	512
Vehicle. Wheeled	I. E. Palmer	844,615	Feb. 19	3773	795-6	126	2798
Vehicle wind-shield	J. E. Johnston	840,851	Jan. 8	2122	468	126	583
Vehicle wind-shield	G. Huillier	849,242	Apr. 2	1260	255	127	1910
Vehicle wind-shield	E. Schildback	861,678	July 30	5211	1432	129	1836
Vehicle wind-shield	W. N. Beecher	865,290	Sept. 3	808	233	130	244
Vehicle window	H. Heidemann	850,834	Apr. 16	4261	895	127	2747
Vehicle-wrench. Axle-nut	E. F. Hayes	870,031	Nov. 5	251	69	131	87
Vehicles. Apparatus for checking or deadening the vibrations imparted to suspended	A. Krebs	872,825	Dec. 3	1063	222-3	131	1335
Vehicles. Apparatus for controlling the motor and driving mechanism of self-propelled	L. T. Gibbs	860,972	July 23	4101	1124	129	1450
Vehicles. Automatic safety stop device for electric	J. T. McIntosh	857,890	June 25	4755	1010	128	2997
Vehicles. Bonnet for motor	J. Sherwin	864,702	Aug. 27	4077	1133	129	3446
Vehicles. Compensating gearing for motor	H. White	860,952	July 23	4069	1113-14	129	1439
Vehicles. Controller for electrically-propelled	J. S. Raworth	849,749	Apr. 9	2208	455-6	127	2184
Vehicles. Detachable running-board for motor	H. E. Coffin	846,091	Mar. 5	767	159	127	195
Vehicles. Device for preventing slipping of motor-driven	A. S. Moore	868,208	Oct. 15	1545	439	130	1827
Vehicles. Device to prevent tampering with or theft of motor	L. Ottinger	868,693	Oct. 22	2352	652	130	2105
Vehicles. Disk-wheel for road	E. Martin	842,102	Jan. 22	4618	991	126	1289
Vehicles. Double-acting sprag for	H. B. Stillman	849,512	Apr. 9	1802	365	127	2083
Vehicles. Dust-collector for wheeled	J. M. Weaver	850,708	Apr. 16	4039	844	127	2692
Vehicles. Equalizing suspension device for	R. G. Handy	862,556	Aug. 6	776	207	129	2324
Vehicles. Evener for	A. L. and D. McGregor	872,006	Nov. 26	3932	947	131	1029
Vehicles. Flexible wheel for motor and other	H. F. Nichols	869,193	Oct. 22	3105	855	130	2336
Vehicles. Flue construction for	H. Lemp	859,568	July 9	1936	522	129	680
Vehicles. Fore-carriage for	W. G. Hughes	860,094	July 16	2744	749	129	971
Vehicles, &c. Gear-case for motor	O. Pfänder	845,814	Mar. 5	157	30-1	127	43
Vehicles, &c. Gearing for motor	M. Pedersen	854,600	May 21	4462	928-30	128	1209
Vehicles. Gearing mechanism for motor	L. B. Farmer	844,444	Feb. 19	3174	685	126	2659
Vehicles. Line-holder for	J. B. Worden	846,886	Mar. 12	2356	518	127	631
Vehicles. Longitudinally-displaceable car-body for motor	R. Diesel	873,926	Dec. 17	3296	705	131	1767
Vehicles. Means for checking side slip of road	W. E. Monro	869,640	Oct. 29	3847	1052-3	130	2591
Vehicles. Means for drawing motor road	M. Albrecht	871,098	Nov. 19	1967	539	131	699
Vehicles. Means for operating motor	C. J. Coleman	842,827	Jan. 29	6205	1310-11	126	1725
Vehicles. Method of and apparatus for braking	G. H. Condict	845,856	Mar. 5	238	48-9	127	62
Vehicles. Motive power for	M. Slotkin	875,467	Dec. 31	6444	1346-7	131	2326
Vehicles. Number-transparency for	D. Lynch	841,553	Jan. 15	3520	761	126	986
Vehicles or trains. Means for resetting automatic controlling devices for	F. E. Kinsman	868,993	Oct. 22	2508	774-5	130	2243
Vehicles or vessels. Driving mechanism for self-propelled	P. Martin	851,540	Apr. 23	5657	1184	127	3135
Vehicles over land or water. Mechanism for propelling	J. A. Hildebrand	851,517	Apr. 23	5614	1176	127	3123
Vehicles. Perch for road	H. Higgin	862,736	Aug. 6	1056	285	129	2407
Vehicles. Pneumatic spring and shock-absorber for motor	A. L. Muren	872,362	Dec. 3	103	18	131	1182
Vehicles. Propulsion of	C. P. Delo	867,254	Oct. 1	35	11	130	1327
Vehicles. Rocker-bar gear for	G. W. Stevenson	866,976	Sept. 24	3404	964	130	1162
Vehicles. Shock-absorbing apparatus for	E. Rimailho	861,769	July 30	5356	1477	129	1878
Vehicles. Short-turning gear for	C. T. Nesom	867,998	Oct. 15	1242	343	130	1736
Vehicles. Sighting apparatus for moving	W. H. Robertson	854,310	May 21	3929	810-11	128	1077
Vehicles. Sleigh attachment for	R. Kubelka	861,037	July 23	4210	1152-3	129	1482

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Vehicles. Sleigh-runner attachment for wheeled	A. G. Wyeth.....	846,174	Mar. 5	923	195	127	234
Vehicles. Speed-changing and brake gear for motor-driven road-	A. H. Adams.....	846,376	Mar. 5	1300	286-7	127	328
Vehicles, &c. Step for.....	L. C. Marr.....	868,352	Oct. 15	1784	503	130	1899
Vehicles. Transmission-gearing for motor-	F. F. and E. S. Cameron.....	841,373	Jan. 15	3190	687	126	900
Vehicles. Vapor-burner for motor-	W. L. Garrels and C. Kimball.....	844,511	Feb. 19	3323	715-16	126	2696
Vehicles. Vibration-check for	P. M. Hotchkin.....	845,088	Feb. 26	4717	1000	126	3078
Veil. Automobile-	D. Duncan.....	870,160	Nov. 5	442	122	131	145
Veil-pin	J. T. Dean.....	843,263	Feb. 5	877	179	126	2017
Veil-shield	C. A. George.....	861,024	July 23	4193	1149	129	1477
Velocipede.....	D. K. Wilson.....	871,847	Nov. 26	3551	868	131	975
Velocipede.....	O. A. Morse.....	873,885	Dec. 17	3224	687	131	1754
Velocipede handle-bar. Cushioned	M. Rosen.....	841,450	Jan. 15	3334	720	126	937
Velocipede. Nautical	J. H. Mitchell.....	858,093	June 25	5220	1106	128	3117
Velocipede. Railway motor-	W. S. Hovey.....	862,077	July 30	5828	1616-17	129	2025
Velocipede seat-post	M. Rosen.....	870,645	Nov. 12	1227	333	131	434
Velocipedes or like vehicles Adjustable handle-bar for	A. Veret.....	864,577	Aug. 27	3884	1077	129	3387
Velocipedes, &c. Speed-indicator for	J. B. Winter.....	861,341	July 30	4689	1281-2	129	1675
Vender. Peanut	J. C. Simering.....	863,517	Aug. 6	699	189	129	2304
Vending apparatus	A. E. Harrison.....	842,783	Jan. 29	6133	1294	126	1708
Vending apparatus	J. A. Williams.....	845,324	Feb. 26	5184	1100-1	126	3163
Vending apparatus	A. Rosenfeld.....	869,807	Oct. 29	4090	1130	130	2696
Vending apparatus. Coin-controlled liquid-	F. W. Waterman.....	846,366	Mar. 5	1281	282	127	323
Vending apparatus. Controlled	C. V. Case and W. Mayo.....	844,248	Feb. 12	2762	588	126	251
Vending apparatus. Post-stamp-	M. Sielaff.....	856,104	June 4	1241	261-2	128	2005
Vending cigars from original boxes. Machine for	G. O. Halvorson.....	840,563	Jan. 8	1583	347	126	448
Vending-machine	J. Vierling.....	840,272	Jan. 1	968	211	126	261
Vending-machine	F. M. Furber.....	840,561	Jan. 8	1577	346	126	447
Vending-machine	G. C. Yocum.....	841,210	Jan. 15	2855	621-2	126	815
Vending-machine	R. R. Ball.....	843,127	Feb. 5	592	125	126	1946
Vending-machine	C. T. Frantz.....	844,509	Feb. 19	3319	715	126	2694
Vending-machine	M. O. Anthony.....	844,843	Feb. 19	4241	904-5	126	2919
Vending-machine	E. G. Barnes.....	845,045	Feb. 26	4620	983	126	3052
Vending-machine	J. A. Williams.....	845,284	Feb. 26	5107	1084	126	3179
Vending-machine	A. Smith.....	846,356	Mar. 5	1263	277	127	318
Vending-machine	F. Foote and N. M. Johnston.....	846,917	Mar. 12	2415	531	127	643
Vending-machine	T. A. Watts.....	847,863	Mar. 19	4325	949	127	1147
Vending-machine	C. Forth.....	848,589	Mar. 26	5747	1256	127	1536
Vending-machine	J. W. Vaughn.....	851,188	Apr. 23	4954	1041	127	2960
Vending-machine	W. L. Coley.....	851,917	Apr. 30	6456	1346-7	127	3371
Vending-machine	R. Weitlich.....	852,088	Apr. 30	6822	1422	127	3463
Vending-machine	H. B. Conover.....	852,222	Apr. 30	7078	1479-80	127	3528
Vending-machine	L. A. Vandiver.....	853,194	May 7	6339	341-2	128	415
Vending-machine	C. C. Inman.....	853,977	May 21	3275	673	128	909
Vending-machine	J. P. Conroy.....	855,231	May 28	5763	1200	128	1569
Vending-machine	W. Mooney.....	856,278	June 11	1622	337	128	2138
Vending-machine	C. E. Davison.....	857,037	June 18	3106	655-6	128	2552
Vending-machine	P. A. Robichon.....	857,257	June 18	3521	744	128	2658
Vending-machine	W. H. Parker.....	860,689	July 23	3657	1002	129	1306
Vending-machine	A. Jaeger.....	861,184	July 23	4414	1211	129	1550
Vending-machine	S. E. Linsley.....	862,923	Aug. 13	1333	364	129	2528
Vending-machine	P. S. McKenzie.....	862,929	Aug. 13	1340	366	129	2531
Vending-machine	L. C. McLouth.....	863,743	Aug. 20	2568	710	129	2948
Vending-machine	E. F. Garner.....	864,368	Aug. 27	3517	976-7	129	3270
Vending-machine	J. Fritzsche.....	864,526	Aug. 27	3780	1050-2	129	3356
Vending-machine	H. A. Walters.....	864,815	Sept. 3	77	22	130	26
Vending-machine	J. W. Gillett and G. I. Martin.....	864,891	Sept. 3	203	57	130	63
Vending-machine	E. L. Sons, C. A. Fogel, and A. C. McCoy.....	865,275	Sept. 3	777	223-4	130	235
Vending-machine	J. M. Spindler.....	866,742	Sept. 24	3055	862	130	1054
Vending-machine	I. C. Woodward.....	867,545	Oct. 1	482	138-9	130	1463
Vending-machine	R. Weitlich and A. W. Miller.....	868,589	Oct. 15	2173	607	130	2024
Vending-machine	W. H. H. and C. R. Gorham.....	868,773	Oct. 22	2475	683-4	130	2142
Vending-machine	L. Pinner.....	870,126	Nov. 5	392	109	131	131
Vending-machine	J. J. Roman and J. F. Barry.....	870,468	Nov. 5	942	257	131	307
Vending-machine	R. D. H. Anderson.....	871,384	Nov. 19	2608	667-8	131	795
Vending-machine	W. Rohde and E. V. Mueller.....	871,390	Nov. 26	3654	891	131	990
Vending-machine	F. Hart.....	872,653	Dec. 3	697	146-7	131	1278
Vending-machine	C. B. Ford and J. N. Wood.....	873,936	Dec. 17	3314	707-8	131	1770
Vending-machine	H. S. Pond.....	874,236	Dec. 17	3976	838-9	131	1870
Vending-machine. Automatic	L. U. Kent.....	868,989	Oct. 22	2801	773	130	2241
Vending-machine. Automatic	H. R. Holbrook.....	872,624	Dec. 3	640	134	131	1267
Vending-machine cabinet	H. S. Pond.....	874,237	Dec. 17	3979	839	131	1870
Vending machine. Cigar	I. H. Garson.....	841,083	Jan. 8	2594	568-9	126	704
Vending machine. Cigar	I. H. Garson.....	842,143	Jan. 22	4717	1009-10	126	1316
Vending machine. Cigar	A. Jacobs.....	869,635	Oct. 29	3834	1050-1	130	2588
Vending machine. Cigar	H. J. Davidson.....	874,170	Dec. 17	3827	807	131	1846
Vending-machine coin control	S. C. Gilbert.....	859,654	July 9	2070	559	129	723
Vending-machine. Coin-controlled	A. D. Grover.....	849,609	Apr. 9	1971	403	127	2125
Vending-machine. Coin-controlled	A. C. Way.....	858,931	July 2	970	252-3	129	333
Vending-machine. Coin-controlled	J. C. Wilson.....	860,428	July 16	3239	886-7	129	1134
Vending-machine. Coin-controlled	E. F. Spaulding.....	862,519	Aug. 6	701	189-90	129	2304
Vending-machine. Coin-controlled	E. F. Spaulding.....	875,128	Dec. 31	5776	1206-7	131	2217
Vending-machine. Coin-operated	J. W. Patterson.....	840,513	Jan. 8	1470	325	126	421
Vending-machine. Coin-operated	G. T. Haines.....	855,054	May 28	5405	1122-3	128	1479
Vending-machine. Coin-operated	C. Bigelow.....	856,019	June 4	1105	230	128	1974
Vending-machine. Coin-operated	F. W. Tucker.....	865,828	Sept. 10	1695	470-1	130	563
Vending-machine. Coin-operated	J. A. Rule.....	871,824	Nov. 26	3503	857-8	131	967
Vending-machine coin-wheel	J. Fritzsche.....	864,527	Aug. 27	3789	1052-3	129	3358
Vending-machine construction	C. C. Travis.....	858,837	July 2	832	216	129	287
Vending machine. Fluid-	J. A. Keyes.....	842,207	Jan. 29	4869	1039	126	1387
Vending-machine for postage-stamps and the like. Automatic	O. Oehring.....	864,025	Aug. 20	2983	824-5	129	3076
Vending machine. Newspaper-	J. A. Rule.....	845,199	Feb. 26	4928	1045	126	3133
Vending machine. Newspaper-	D. H. Stewart.....	859,853	July 9	2362	642	129	817

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Vending machine. Stamp or ticket.	E. D. Schmitt.	866,891	Sept. 24	3275	921-2	130	1121
Vending-machines. Receiver for coin-controlled.	H. O. Jackson.	841,976	Jan. 22	4375	944	126	1233
Veneer. Artificial.	C. Tangenberg.	870,394	Nov. 5	838	223	131	276
Veneer-clamp.	J. H. Talge.	858,921	July 2	952	248	129	327
Veneer-clamp.	A. A. Anderson.	871,769	Nov. 26	3385	831-2	131	949
Veneer-cutter.	E. Beck.	847,151	Mar. 12	2850	629	127	750
Veneer-cutting machine.	B. J. Sittou.	844,899	Feb. 19	4339	926-7	126	2943
Veneer-cutting machine.	A. Brosius.	858,568	July 2	344	86-7	129	123
Veneer-cutting machine.	L. G. Merritt.	871,230	Nov. 19	2245	593	131	742
Veneer-cutting machine.	L. G. Merritt.	871,231	Nov. 19	2250	593	131	742
Veneer-cutting machine.	A. Brosius.	871,473	Nov. 19	2797	703-5	131	824
Veneer drying and straightening machine.	F. N. Morey.	839,868	Jan. 1	128	31-2	126	37
Veneer-mill gage attachment.	C. F. Whisler and J. R. Whitney.	858,641	July 2	498	128	129	173
Veneers. Machine for cutting barrel.	F. Thornton.	854,256	May 21	3837	793	128	1052
Veneering-machine.	R. H. Lynn. (Reissue).	12,619	Mar. 19	4614	1011	127	1213
Vent-cap.	J. Capaldi.	864,884	Sept. 3	191	53	130	60
Ventilating apparatus.	J. S. Roake.	841,049	Jan. 8	2521	551	126	685
Ventilating apparatus.	J. G. Garner.	849,061	Apr. 2	896	184	127	1816
Ventilating apparatus.	H. S. Richmond.	850,784	Apr. 16	4166	872	127	2723
Ventilating apparatus.	C. Kuderer.	854,582	May 21	4433	921	128	1202
Ventilating apparatus.	D. L. Ellis.	860,197	July 16	2886	789-90	129	1018
Ventilating device.	L. S. Graebing.	860,366	July 16	3146	861	129	1104
Ventilating-lock. Automatic.	J. C. Foster.	850,147	Apr. 16	2947	617	127	2499
Ventilating means for roundhouses, shops, stations, &c.	J. Larivee.	852,794	May 7	860	174	128	220
Ventilating mechanism.	C. S. Cannon.	852,650	May 7	558	106	128	146
Ventilating-tree.	J. S. Hansen.	857,734	June 25	4463	943	128	2927
Ventilation and heating. System of.	R. W. Shaw.	848,695	Apr. 2	150	32	127	1626
Ventilation and moistening of workshops. Apparatus for the combined.	C. G. and A. G. Lambert.	852,068	Apr. 30	6789	1413-14	127	3454
Ventilation system. Double.	H. I. M. Ross.	872,199	Nov. 26	4322	1032	131	1092
Ventilator:							
See Building-ventilator. Machine-driven ventilator.							
Car-ventilator.	Sash-ventilator.						
Fan-ventilator.	Water-closet ventilator.						
Grain-bin ventilator.	Window-ventilator.						
Hat-ventilator.	Window and door light ventilator.						
Head-covering ventilator.							
Locomotive-cab ventilator.							
Ventilator.	F. L. Hargreaves.	840,321	Jan. 1	1069	233	126	285
Ventilator.	W. Scharnweber.	841,455	Jan. 15	3342	722	126	939
Ventilator.	C. E. Erby.	842,308	Jan. 29	5076	1081-2	126	1439
Ventilator.	L. A. McCalla.	844,735	Feb. 19	4021	856	126	2861
Ventilator.	W. F. Warden.	846,074	Mar. 5	733	154	127	187
Ventilator.	F. J. Kobusch.	847,255	Mar. 12	3058	674	127	801
Ventilator.	F. W. Symmes.	847,381	Mar. 19	3330	731	127	897
Ventilator.	W. D. Robinson.	848,050	Mar. 26	4735	1032	127	1283
Ventilator.	A. Konsalik.	848,376	Mar. 26	5342	1163	127	1432
Ventilator.	S. C. Hodge and P. Douglas.	850,160	Apr. 16	2968	622	127	2414
Ventilator.	A. H. Newey.	854,595	May 21	4454	926	128	1206
Ventilator.	A. Baggaley.	855,607	June 4	315	65	128	1775
Ventilator.	J. A. Hickey.	855,778	June 4	647	133	128	1860
Ventilator.	W. Bigelow.	856,020	June 4	1109	231	128	1975
Ventilator.	J. F. Bowes.	856,762	June 11	2598	533	128	2387
Ventilator.	E. Stevick.	856,926	June 11	2887	605	128	2456
Ventilator.	J. Lorenz.	857,642	June 25	4278	903	128	2879
Ventilator.	G. F. Williams.	857,853	June 25	4695	996	128	2983
Ventilator.	A. Holtzheuer.	858,185	June 25	5389	1147	128	3160
Ventilator.	R. Macdonald.	861,872	July 30	5515	1522	129	1928
Ventilator.	J. P. Nikonow.	863,428	Aug. 13	2102	566	129	2772
Ventilator.	H. Brassington.	864,606	Aug. 27	3932	1090	129	3401
Ventilator.	C. H. Occupaugh.	865,518	Sept. 10	1188	339	130	391
Ventilator.	P. Evans.	869,074	Sept. 22	2938	809	130	2285
Ventilator.	W. F. Britton.	879,159	Oct. 22	3060	844	130	2323
Ventilator.	J. C. Roth and J. J. Welshofer.	871,146	Nov. 19	2079	560	131	714
Ventilator.	G. Kabureck.	871,342	Nov. 19	2506	646	131	782
Ventilator.	W. Hammann.	873,125	Dec. 10	1715	358	131	1469
Ventilator.	F. H. Burr and G. Adams.	874,387	Dec. 24	4273	900	131	1951
Ventilator.	G. D. Spielberger.	875,007	Dec. 31	5546	1158-9	131	2179
Ventilator-hood.	W. R. McKeen, Jr.	843,413	Feb. 5	1136	237	126	2076
Ventilator-operating mechanism.	A. Q. Wolf.	870,351	Nov. 5	721	194-5	131	226
Ventilator or chimney-cap.	W. E. Esperson.	865,877	Sept. 10	1761	490	130	581
Venting attachment for receptacles. Safety.	J. Cohn.	840,992	Jan. 8	2402	526	126	654
Venting-tool.	A. C. Pearce.	867,673	Oct. 8	678	191	130	1540
Vermicelli and the like. Machine for manufacturing and bundling.	B. F. A. Courtine.	843,932	Feb. 12	2156	460-1	126	2368
Vermis-exterminator.	W. P. Wyard.	841,297	Jan. 15	3042	659	126	861
Vermis-exterminator.	R. W. Townsend.	856,557	June 11	2210	454	128	2287
Vertical boiler.	T. Suzuki.	864,211	Aug. 27	3287	912	129	3200
Vessel.	J. McArdle.	857,478	June 18	3948	838-9	128	2764
Vessel.	R. H. Little.	860,680	July 23	3645	999	129	1302
Vessel. Apparatus for taking observations from a submarine.	S. Lake.	867,982	Oct. 15	1214	335	130	1726
Vessel-closing device.	W. B. Fenn.	843,670	Feb. 12	1666	353	126	2245
Vessel-closing device.	W. B. Fenn.	843,802	Feb. 12	1901	408	126	2304
Vessel construction.	W. W. Wotherspoon and R. O. King.	851,269	Apr. 23	5131	1079-80	127	3003
Vessel-cover and liquid-shaker.	H. Paton.	839,950	Jan. 1	304	67	126	84
Vessel-handle. Loose.	L. A. Peterson.	870,839	Nov. 12	1543	423-4	131	532
Vessel-hull.	C. A. Manker.	861,134	July 23	4346	1191	129	1528
Vessel-hull.	S. Golden.	867,654	Oct. 8	653	185	130	1533
Vessel-hull.	I. E. Palmer.	874,031	Dec. 17	3500	744	131	1800
Vessel. Marine.	J. F. Gray.	841,961	Jan. 22	4347	938	126	1226
Vessel. Marine.	T. S. Barwis.	865,155	Sept. 3	594	167	130	180

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Vessel. Metallic	C. L. Coffin	855,043	May 28	5387	1119	128	1475
Vessel. Metallic	L. O. Brown	860,080	July 16	2731	744	129	967
Vessel. Navigable	J. P. Pool	861,894	July 30	5543	1530	129	1936
Vessel. Non-refillable	L. Barnes	846,180	Mar. 5	933	197	127	237
Vessel or carrier	G. R. Pride	840,957	Jan. 8	2344	514	126	639
Vessel-positioning device	C. B. Erhart and E. Galatti	851,080	Apr. 23	4729	995	127	2905
Vessel-raising apparatus. Sunken	F. Staud y Ximénez	865,130	Sept. 3	559	156-7	130	170
Vessel-stopper	G. West	847,866	Mar. 19	4329	949	127	1148
Vessel-stopper	A. A. Low	861,299	July 30	4618	1262	129	1652
Vessel. Submarine	A. Hector	863,532	Aug. 13	2253	611	129	2817
Vessel. Submersible	E. L. Peacock	872,842	Dec. 3	1103	231-2	131	1340
Vessel-support	P. H. Weideman	841,835	Jan. 22	4116	886	126	1173
Vessel. Transport	O. Mehrtens	860,492	July 16	3333	913	129	1166
Vessel-unloading apparatus	A. Schwartz	860,942	July 23	4044	1107-8	129	1429
Vessel-unloading apparatus. Marine	C. D. Ross	842,338	Jan. 29	5143	1093-4	126	1458
Vessel with a space for a vacuum between the walls. Double-walled	R. Burger	872,795	Dec. 3	991	206	131	1325
Vessels. Apparatus for loading coal into	J. A. Johnson	866,203	Sept. 17	2251	628	130	764
Vessels, &c. Attachment for	P. H. Null	854,835	May 28	4959	1031	128	1365
Vessels. Bow-protector for	G. Hollinshed	860,869	July 23	3929	1077	129	1392
Vessels. Floating sunken or stranded	W. W. Wotherspoon and R. O. King	851,270	Apr. 23	5134	1080	127	3004
Vessels in case of collision. Protector for	N. C. Yorgensen-Gundholm	865,244	Sept. 3	731	209	130	220
Vessels. Lines for	T. R. Timby	857,317	June 18	3643	771-2	128	2689
Vessels. Loading-barge for	F. V. Hetzel	855,180	June 25	5381	1145	128	3157
Vessels. Making collapsible and expansible	W. M. Fulton	846,297	Mar. 5	1141	251	127	289
Vessels. Making enameled	H. T. McGregor	875,281	Dec. 31	6074	1268	131	2267
Vessels. Means and apparatus for raising sunken	S. Lake	867,983	Oct. 15	1216	336	130	1727
Vessels. Means for effecting escape of occupants from sunken	I. Fripp	848,615	Mar. 26	5808	1265-6	127	1549
Vessels. Means for raising sunken	G. and C. S. Fearon	866,348	Sept. 17	2480	692-3	130	838
Vessels. Means for retarding the movements of	J. Englund	843,297	Mar. 26	5189	1132	127	1397
Vessels. Protective device for frangible	W. Constable	844,779	Feb. 19	4117	877	126	2887
Vessels. Torpedo-projecting apparatus for submarine and submersible	H. Smulders	868,946	Oct. 22	2744	757	130	2225
Vessels. Water-alarm apparatus for	F. Daniel	868,254	Oct. 15	1615	457	130	1849
Vessels. Water-ballast-controlling apparatus for	C. B. Calder	842,856	Feb. 5	30	6	126	1797
Vessels with fluid under pressure. Machine for filling and capping	J. M. Hicks	875,678	Dec. 31	6970	1481-2	131	2394
Vest-holder	O. H. Brown	874,733	Dec. 24	4981	1047	131	2065
Veterinary appliance	G. P. Johnson	855,007	May 28	5307	1103	128	1453
Veterinary dental instrument	F. P. Wells	865,551	Sept. 10	1250	355	130	409
Veterinary forceps	M. Savidge	840,380	Jan. 1	1211	264	126	318
Veterinary instrument	A. Kepler	844,141	Feb. 12	2538	544	126	2459
Veterinary instrument	J. Toney and J. H. Viol	865,826	Sept. 10	1693	469	130	562
Veterinary mouth-speculum	F. E. Rutherford	862,020	July 30	5721	1589	129	1991
Veterinary obstetrical forceps	G. N. McGonegal	865,721	Sept. 10	1502	424	130	488
Veterinary obstetrical instrument	M. G. Sisler	868,138	Oct. 15	1445	406	130	1797
Veterinary operating-table	F. G. Atwood	871,023	Nov. 12	1837	502	131	624
Veterinary operating-table. Revolving ball-bearing	C. M. Sheeley	858,830	July 2	821	213	129	284
Veterinary surgical instrument	C. F. Martin	854,956	May 28	5199	1083	128	1427
Veterinary tooth-cutter or dental float	C. F. Martin	854,955	May 28	5197	1083	128	1427
Veterinary's operating-table	W. Housam	847,180	Mar. 12	2913	641	127	765
Vial-case. Automatic tilting	W. W. Cummins	846,553	Mar. 12	1678	371	127	466
Vibratile apparatus	L. Snyder	850,188	Apr. 16	3032	634	127	2431
Vibrating device	C. H. Atkins	859,866	July 9	2381	648-9	129	823
Vibration-producing device	J. V. Daniels	847,654	Mar. 19	3894	851	127	1044
Vibrations. Apparatus for the production of	J. Astrom	870,074	Nov. 5	310	86	131	105
Vibrations. Instrument for recording and measuring	J. Schütte	859,123	July 2	1247	334	129	421
Vibrator	J. S. C. Laurence	849,844	Apr. 9	2412	492	127	2238
Vibrator	A. J. Stecker	855,594	June 4	285	58	128	1768
Vibrator	H. M. Seiple	856,920	June 11	2878	602	128	2454
Vibrator	R. G. Hill	864,843	Sept. 3	128	35	130	40
Vibrator	C. R. Elliott	866,636	Sept. 24	2885	815	130	996
Vibrator	J. W. Swindell	875,132	Dec. 31	5789	1208	131	2219
Vibrator-connector	L. B. Jenckes	864,541	Aug. 27	3823	1059	129	3368
Vibrator. Electrically-operated	W. I. Miller	868,795	Oct. 22	2519	694	130	2154
Vibrator. Massage	C. N. Leonard	841,024	Jan. 8	2477	540	126	675
Vibrator. Mechanical	E. P. Ward and A. H. Herron	856,378	June 11	1866	384	128	2202
Vibrator or hammer. Pneumatic	W. Lewis	850,592	Apr. 16	3795	792	127	2631
Vibrator or massage instrument	F. B. Fuchs	864,528	Aug. 27	3792	1053	129	3359
Vibratory apparatus for ear treatment	E. Meyer	853,645	May 14	2570	533-4	128	692
Vine and weed cutter	C. F. Hippard	848,464	Mar. 26	5507	1200	127	1476
Vine-cutter	S. Schertzer	864,338	Aug. 27	3470	965	129	3255
Vine-cutter	W. K. Cooper	865,361	Sept. 10	938	268-9	130	313
Vinegar apparatus	E. A. Spink and J. W. Norton	863,949	Aug. 20	2885	794-5	129	3048
Vinegar-making apparatus	E. A. Spink	863,950	Aug. 20	2888	795	129	3048
Violin	I. A. Northrop	850,393	Apr. 16	3414	715-16	127	2534
Violin	M. A. Ehlenz	858,587	July 2	391	101	129	1381
Violin-bow	J. Doster	868,169	Oct. 15	1485	420	130	1809
Violin-bridge	W. H. May	846,332	Mar. 5	1214	268	127	507
Violin chin-rest plate	F. W. Becker	849,961	Apr. 9	2608	542	127	2287
Violin. Composition of matter for improving the tone of a	L. Lawrence	856,533	June 11	2153	.....	128	2272
Violin. Electric self-playing	H. K. Sandell	855,021	May 28	5335	1107-9	128	1461
Violin. Electric self-playing	H. K. Sandell	856,604	June 11	2299	472-5	128	2312
Violin-piano	J. L. Warner	870,702	Nov. 12	1314	359-60	131	462
Violin-player. Automatic	J. Wauters	846,883	Mar. 12	2349	517	127	629
Viols. Machine for shaping the backs and bellies of	W. Thau	868,724	Oct. 22	2409	665-6	130	2121
Viscose. Manufacture of	M. Waddell	855,213	May 28	5733	.....	128	1561
Viscous, semifluid, or like substances. Receptacle or container for	F. R. James	861,465	July 30	4899	1345	129	1738
Vise	T. Osterberg	843,295	Feb. 5	946	191	126	2031
Vise	A. S. Hovander	849,616	Apr. 9	1983	406	127	2128
Vise	J. C. Titus	849,758	Apr. 9	2238	459	127	2194

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Vise.....	J. Jowitt.....	849,792	Apr. 9	2296	472	127	2207
Vise.....	D. Kovács.....	849,904	Apr. 9	2513	519	127	2264
Vise.....	W. Boley and P. Pfeiderer.....	849,968	Apr. 9	2620	545	127	2290
Vise.....	P. Broadbooks.....	851,491	Apr. 23	5562	1166-7	127	3111
Vise.....	M. J. Hilberg.....	854,091	May 21	3516	726	128	969
Vise.....	F. M. De Tray.....	855,447	June 4	13	4	128	1698
Vise.....	C. Markmann.....	857,007	June 11	3045	642	128	2497
Vise.....	R. W. Parker.....	860,106	July 16	2759	753	129	976
Vise.....	E. C. Williams.....	863,819	Aug. 20	2690	742	129	2987
Vise.....	D. R. Chase.....	868,966	Oct. 22	2768	764	130	2232
Vise.....	E. G. Seymour.....	870,522	Nov. 5	1019	278	131	329
Vise.....	J. E. Osmer.....	871,816	Nov. 26	3482	853	131	964
Vise.....	F. W. Stroh.....	872,310	Nov. 26	4543	1076	131	1127
Vise.....	E. Alderson.....	874,722	Dec. 24	4962	1042	131	2061
Vise attachment.....	R. J. Lockhart.....	856,074	June 4	1192	253	128	1994
Vise attachment.....	J. E. Watkins.....	858,043	June 25	5101	1080	128	3085
Vise. Bench.....	J. W. McIntyre.....	866,296	Sept. 17	2392	666	130	811
Vise. Carpenter's floor.....	R. Marz and J. P. Schneider.....	848,837	Apr. 2	481	94	127	1709
Vise-clamp.....	P. Broadbooks.....	851,398	Apr. 23	5391	1130	127	3071
Vise. Compound.....	J. H. Westcott.....	848,945	Apr. 2	678	136	127	1761
Vise. Hydraulic.....	H. D. Bright.....	850,865	Apr. 16	4334	908-9	127	2767
Vise. Pipe.....	D. L. Ellis.....	860,198	July 16	2889	790	129	1019
Vise. Pipe.....	H. R. Sinclair.....	874,123	Dec. 17	3747	788	131	1831
Vise. Pipe.....	H. R. Sinclair and C. Ekman.....	874,124	Dec. 17	3750	789	131	1831
Vise. Quick-acting.....	T. C. Prouty.....	874,992	Dec. 31	5517	1152	131	2174
Vise. Quick-sliding bench.....	P. Broadbooks.....	851,397	Apr. 23	5389	1130	127	3070
Vises. Inset clamp for.....	A. Kolb.....	844,813	Feb. 19	4187	892	126	2905
Vises. Pipe and rod gripping attachment for.....	P. Broadbooks.....	854,145	May 21	3621	748	128	993
Visual signal and key.....	K. M. Turner.....	861,001	July 23	4160	1140	129	1467
Vitreous article and treating same.....	C. F. Marsh.....	842,218	Jan. 29	4895	1044	126	1394
Vitreous parts. Apparatus for and method of uniting.....	F. M. F. Cazin.....	846,823	Mar. 12	2224	487-8	127	596
Voice-extension attachment. Combination.....	J. N. Courtney.....	861,436	July 30	4867	1334	129	1729
Volatile substances. Purifying.....	J. U. Lloyd.....	869,375	Oct. 29	3410	937	130	2458
Voltage-adjustment means.....	R. P. Jackson.....	851,665	Apr. 30	5939	1240	127	3235
Voltage-regulator.....	R. P. Jackson.....	851,666	Apr. 30	5940	1241	127	3236
Voltage-regulator.....	S. B. Storer.....	854,123	May 21	3582	739	128	983
Voltage-regulator.....	M. J. E. Tilney.....	871,537	Nov. 19	2939	733-4	131	846
Volute spring.....	A. Stucki.....	840,027	Jan. 1	466	101	126	126
Voting-machine.....	C. M. Warner.....	839,975	Jan. 1	344	76-7	126	94
Voting-machine.....	W. H. Dana.....	845,860	Mar. 5	246	50-2	127	64
Voting-machine.....	W. J. Lausterer.....	847,416	Mar. 19	3402	744-5	127	916
Voting-machine.....	W. J. Lausterer.....	849,001	Apr. 2	774	158	127	1785
Voting-machine.....	A. J. Gillespie.....	849,123	Apr. 2	1030	208-9	127	1851
Voting-machine.....	P. Yoe.....	851,582	Apr. 23	5755	1202-4	127	3161
Voting-machine.....	S. R. Shoup.....	852,911	May 7	1117	231	128	284
Voting-machine.....	S. R. Shoup.....	853,127	May 7	1515	316	128	382
Voting-machine.....	A. McKenzie.....	853,822	May 14	2939	603-4	128	787
Voting-machine.....	G. S. Dey.....	853,867	May 14	3029	621-3	128	807
Voting-machine.....	C. L. Lorraine.....	854,657	May 21	4562	953	128	1234
Voting-machine.....	A. McKenzie.....	855,334	May 28	5945	1241	128	1615
Voting-machine.....	W. M. Cutter and W. A. Sutfin.....	856,997	June 11	3027	637	128	2492
Voting-machine.....	F. Keiper.....	857,469	June 18	3925	835-6	128	2757
Voting-machine.....	O. E. Seibel.....	857,681	June 25	4344	918-19	128	2896
Voting-machine.....	A. J. Gillespie.....	857,800	June 25	4596	973-4	128	2960
Voting-machine.....	W. Langrill.....	860,675	July 23	3636	997	129	1299
Voting-machine.....	W. M. Cutter and W. A. Sutfin.....	862,866	Aug. 6	1254	340	129	2468
Voting-machine.....	E. B. Willix and J. Young.....	864,279	Aug. 27	3387	941-2	129	3230
Voting-machine.....	R. McKenzie.....	865,052	Sept. 3	454	123-8	130	139
Voting-machine.....	O. T. Johnson.....	865,393	Sept. 10	987	283	130	328
Voting-machine.....	E. B. Willix and E. L. Keith.....	865,975	Sept. 10	1905	534	130	625
Voting-machine.....	E. B. Willix and E. L. Keith.....	865,976	Sept. 10	1908	534-7	130	627
Voting-machine.....	J. H. McElroy.....	866,801	Sept. 24	3143	886-7	130	1082
Voting-machine.....	G. C. Ale.....	868,062	Oct. 15	1342	375-6	130	1766
Voting-machine.....	W. B. Norton.....	868,579	Oct. 15	2141	599-602	130	2010
Voting-machine.....	C. M. Warner.....	872,703	Dec. 3	800	167-8	131	1295
Voting-machine.....	C. M. Warner.....	872,704	Dec. 3	808	168-9	131	1295
Voting-machine case. Sectional.....	A. B. Camp.....	847,045	Mar. 12	2664	586	127	705
Voting-machine counting mechanism.....	C. G. Barnum.....	847,404	Mar. 12	2648	584	127	701
Voting-machine frame.....	C. C. Abbott.....	873,827	Dec. 17	3114	663	131	1735
Voting-machine grouping mechanism.....	C. C. Abbott.....	847,037	Mar. 12	2643	583	127	700
Voting-machine grouping mechanism.....	W. M. Delavan and A. B. Camp.....	847,047	Mar. 12	2666	587	127	706
Voting-machine hoisting and handling apparatus.....	E. E. E. Ridgeway.....	851,140	Apr. 23	4832	1019	127	2929
Voting-machine key-locking mechanism.....	W. J. Lausterer.....	857,811	June 25	4620	979	128	2966
Voting-machines. Counter-carrier for.....	C. C. Abbott.....	857,401	Dec. 10	2266	472	131	1559
Voting-machines. Detachable arm for.....	C. C. Abbott.....	863,687	Aug. 20	2485	686	129	2921
Voting-machines. Entrance and exit actuating mechanism for.....	C. G. Barnum and J. N. Shepardson.....	843,431	Feb. 5	1168	246	126	2084
Voting-machines. Grouping mechanism for.....	C. C. Abbott.....	873,400	Dec. 10	2264	472	131	1559
Voting-machines. Independent-shutter-locking mechanism for.....	C. C. Abbott.....	873,828	Dec. 17	3115	663	131	1735
Voting-machines. Interlocking mechanism for.....	C. F. Lomb.....	847,347	Mar. 19	3251	716	127	877
Voting-machines. Mechanism for attaching counters in.....	C. C. Abbott.....	873,825	Dec. 17	3106	662	131	1734
Voting-machines. Multi-indorsement-restricting device for.....	W. M. Delavan.....	846,014	Mar. 5	606	126	127	156
Voting-machines. Paper-feed-actuating mechanism for.....	C. H. Pitney.....	847,109	Mar. 12	2779	614	127	732
Voting-machines. Slide-moving device for.....	W. C. Gilmore.....	853,169	May 7	1591	331	128	402
Voting-mechanism. Interlock for regular and independent.....	J. N. Shepardson and C. H. Pitney.....	840,521	Jan. 8	1482	328	126	424
Voting-mechanism. Question-.....	C. C. Abbott.....	873,826	Dec. 17	3107	662	131	1734
Vulcanizer.....	C. A. Shaler.....	845,272	Feb. 26	5076	1079	126	3171
Vulcanizing apparatus.....	H. H. Frost.....	846,408	Mar. 5	1371	301-2	127	348
Vulcanizing apparatus. Portable self-contained.....	H. H. Frost.....	856,241	June 11	1546	324	128	2118
Vulcanizing-mold.....	H. Z. Cobb.....	840,749	Jan. 8	1931	425	126	536

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Wad-stamping device	B. W. Stevens and W. Hanson...	845,486	Feb. 26	5515	1168	126	3277
Wafer-iron	C. M. Knapp	858,460	July 2	146	39	129	49
Wafer-lifting device	Y. Kawasaki	848,748	Apr. 2	254	51	127	1651
Wafer machine. Sugar-	F. M. Peters	864,028	Aug. 20	2991	827	129	3078
Waffle-iron. Rotary	W. L. Carter	853,060	May 7	1404	292-3	128	357
Wagon	J. Ruppert	845,580	Feb. 26	5666	1201	126	3315
Wagon	J. H. Montgomery	846,229	Mar. 5	1027	220	127	261
Wagon	E. W. Harmon	847,067	Mar. 12	2708	596	127	715
Wagon	L. L. Tyrell	859,265	July 9	1467	391	129	528
Wagon	H. L. Ferris	862,459	Aug. 6	598	158-9	129	2276
Wagon	J. H. Housworth	862,637	Aug. 6	903	241	129	2364
Wagon	F. W. Miller	872,531	Dec. 3	462	96-7	131	1238
Wagon	W. Hubbard	875,433	Dec. 31	6384	1331	131	2315
Wagon	F. Weber	875,477	Dec. 31	6462	1350	131	2329
Wagon and sled. Combination	N. H. Chalfant	863,358	Aug. 13	2010	542	129	2745
Wagon and sled. Combined	J. P. Müller	846,130	Mar. 5	852	178	127	216
Wagon. Band-	J. H. Fouts	849,470	Apr. 9	1693	341	127	2056
Wagon bed and rack. Combination	J. I. Sharp	867,309	Oct. 1	120	36	130	1350
Wagon bed and rack. Combined	J. A. Giller	863,382	Aug. 13	2045	553	129	2755
Wagon-body	C. Leavitt	844,147	Feb. 12	2547	546	126	2460
Wagon-body	W. Hunt	853,794	May 14	2871	590	128	771
Wagon-body	M. J. Weaver	859,859	July 9	2371	644	129	819
Wagon-body	A. N. Salisbury and L. M. Brack- ett	866,685	Sept. 24	2964	840	130	1017
Wagon-body attachment	O. Mark	842,216	Jan. 29	4893	1044	126	1394
Wagon-bolster	E. G. Hines	875,527	Dec. 31	6556	1369	131	2344
Wagon-bolster and standard	O. H. Buntrock	847,159	Mar. 12	2866	631	127	755
Wagon. Boulevard and speed	E. E. Bullock	839,986	Jan. 1	369	80	126	101
Wagon-box	E. Falkner	864,296	Aug. 27	3412	948	129	3237
Wagon-box	O. B. Reynolds	874,704	Dec. 24	4917	1033	131	2055
Wagon-box and hay-rack remover	E. Jose	870,561	Nov. 12	1083	296	131	383
Wagon-box and stock and hay rack. Combined	O. K. Hibbets	869,303	Oct. 29	3290	906	130	2422
Wagon-box extension and end-gate	A. Pool	842,699	Jan. 29	5964	1257	126	1668
Wagon-box, header-box, hay and stock rack. Com- bined	A. E. Cranston	869,062	Oct. 22	2920	805	130	2280
Wagon-box scoop-board	L. Puls	840,656	Jan. 8	1741	383	126	490
Wagon. Boy's	A. M. Bollinger	844,319	Feb. 19	2937	626	126	2602
Wagon-bracket	J. Kaminski	861,731	July 30	5290	1455	129	1858
Wagon-brake	E. Smith	842,718	Jan. 29	6008	1265	126	1680
Wagon-brake	F. W. Wernke	847,865	Mar. 19	4328	949	127	1147
Wagon-brake	G. F. Young	849,307	Apr. 2	1375	277	127	1938
Wagon-brake	J. B. Bubb	864,073	Aug. 20	3062	846-7	129	3000
Wagon-brake	L. C. Leopold	867,387	Oct. 1	245	71	130	1388
Wagon-brake	T. J. Stephens	868,719	Oct. 22	2403	663	130	2119
Wagon-brake	F. Mick	873,577	Dec. 10	2608	549	131	1618
Wagon-brake. Automatic	E. F. Veatch	847,132	Mar. 12	2817	622	127	741
Wagon-brake. Automatic	J. H. Lowrey	847,796	Mar. 19	4173	911	127	1116
Wagon-brake. Automatic	H. A. Kennard	848,250	Mar. 26	5070	1108	127	1367
Wagon-brake. Automatic	C. Garver	856,693	June 11	2467	507	128	2352
Wagon-brake. Automatic	J. T. Vanness and H. R. O'Brian	864,814	Sept. 3	74	22	130	45
Wagon-brake. Automatic	R. T. Huffman	865,704	Sept. 10	1477	417	130	480
Wagon-brake. Transfer-	N. C. Bassett	840,423	Jan. 1	1281	281-2	126	336
Wagon. Coal-dumping	D. Stahl	844,480	Feb. 19	3259	703	126	2680
Wagon. Chute	F. M. Krasmer	868,278	Oct. 15	1659	469	130	1864
Wagon draft device	G. F. Shaw	854,961	May 28	5223	1087-8	128	1433
Wagon. Dump	C. C. Avery	840,601	Jan. 8	1651	363	126	466
Wagon. Dump	R. H. MacClernan	840,785	Jan. 8	1999	442	126	916
Wagon. Dump	C. E. Kaufman	841,406	Jan. 15	3252	701	126	916
Wagon. Dump	R. H. MacClernan	841,411	Jan. 15	3265	704	126	919
Wagon. Dump	R. H. MacClernan	841,879	Jan. 22	4202	906	126	1192
Wagon. Dump	R. H. MacClernan	842,480	Jan. 29	5481	1160	126	1552
Wagon. Dump	D. S. Watson	848,076	Mar. 26	4776	1042	127	1293
Wagon. Dump	D. S. Watson	848,077	Mar. 26	4778	1042	127	1294
Wagon. Dump	D. S. Watson	852,361	Apr. 30	7329	1540	127	3590
Wagon. Dump	D. S. Watson	852,362	Apr. 30	7331	1540	127	3590
Wagon. Dump	W. A. Underhill	853,275	May 14	1823	380	128	494
Wagon. Dump	C. A. Geiger	854,085	May 21	3505	723	128	966
Wagon. Dump	D. S. Watson, E. Bushnell, and J. F. Sanderson	871,012	Nov. 12	1822	497	131	619
Wagon. Dump	W. Atkins	871,771	Nov. 26	3390	833	131	950
Wagon-dump	J. F. White	865,667	Sept. 10	1420	402-3	130	463
Wagon-dump	J. F. White	873,814	Dec. 17	3073	654-5	131	1730
Wagon. Dumping	R. M. Wilson	840,407	Jan. 1	1254	274-5	126	329
Wagon. Dumping	J. Heberling	840,846	Jan. 8	2108	466	126	579
Wagon. Dumping	H. F. Langreder	843,284	Feb. 5	923	187	126	2026
Wagon. Dumping	J. C. Horne and D. H. Yates	846,568	Mar. 12	1720	378-9	127	466
Wagon. Dumping	C. Lynch	847,675	Mar. 19	3938	859	127	1054
Wagon. Dumping	R. Critser and R. C. Wright	849,056	Apr. 2	889	182	127	1814
Wagon. Dumping	J. Heberling	849,067	Apr. 2	906	185-6	127	1818
Wagon. Dumping	J. S. Blackwood	849,965	Apr. 9	2612	543-4	127	2288
Wagon. Dumping	R. A. Showers	850,799	Apr. 16	4189	879	127	2729
Wagon. Dumping	W. T. Garrison	852,060	Apr. 30	6780	1411	127	3452
Wagon. Dumping	J. Brennan	853,494	May 14	2267	470	128	615
Wagon. Dumping	W. G. Mayer	853,817	May 14	2919	600	128	782
Wagon. Dumping	R. G. and L. Cator	855,161	May 28	5638	1173	128	1538
Wagon. Dumping	R. S. C. Pow	855,241	May 28	5783	1205-6	128	1575
Wagon. Dumping	E. K. Emig	855,762	June 4	618	127	128	1854
Wagon. Dumping	F. Aldrich	856,831	June 11	2716	562	128	2416
Wagon. Dumping	W. J. Judd	857,943	June 25	4879	1031	128	3029
Wagon. Dumping	W. J. Donnelly	859,928	July 16	2482	674	129	887
Wagon. Dumping	H. S. Palm	859,971	July 16	2543	691	129	905
Wagon. Dumping	A. Flowers	861,023	July 23	4192	1145	129	1477
Wagon. Dumping	J. H. Murray	862,184	Aug. 6	117	31-2	129	2120
Wagon. Dumping	P. Blatt	863,566	Aug. 13	2297	629	129	2829
Wagon. Dumping	J. Heberling	864,536	Aug. 27	3816	1057-8	129	3366
Wagon. Dumping	B. A. Hill	864,537	Aug. 27	3817	1058	129	3367

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Wagon. Dumping.....	F. Bloomingdale.....	864,768	Sept. 3	5	2	130	4
Wagon. Dumping.....	A. C. Lemon.....	865,049	Sept. 3	449	121-2	130	138
Wagon. Dumping.....	C. Johnson.....	865,708	Sept. 10	1482	418	130	482
Wagon. Dumping.....	S. F. Brown.....	866,578	Sept. 17	2785	779	130	933
Wagon. Dumping.....	G. W. Crane.....	866,717	Sept. 24	3019	852	130	1041
Wagon. Dumping.....	J. Heberling.....	867,366	Oct. 1	215	62	130	1378
Wagon. Dumping.....	T. Wright.....	869,677	Oct. 29	3906	1074	130	2610
Wagon. Dumping.....	J. M. Ripple.....	870,132	Nov. 5	399	111-12	131	132
Wagon. Dumping.....	A. Cameron.....	870,929	Nov. 12	1697	466-7	131	581
Wagon. Dumping.....	R. N. Lowry.....	871,091	Nov. 12	1943	532	131	657
Wagon. Dumping.....	A. L. Warner.....	873,397	Dec. 10	2257	471	131	1557
Wagon dumping-bed.....	D. E. Graves.....	841,143	Jan. 15	2737	598	126	786
Wagon-dumping mechanism.....	A. Kukielski.....	840,854	Jan. 8	2127	469	126	584
Wagon-dumping mechanism.....	R. Johnson.....	842,151	Jan. 22	4740	1013	126	1321
Wagon. Elevating.....	L. G. McGranor and J. W. Beall.....	874,525	Dec. 24	4568	958	131	1996
Wagon-elevator.....	E. H. Overholt.....	870,899	Nov. 12	1637	448	131	562
Wagon. Express.....	J. A. Sherry.....	858,223	June 25	5455	1164	128	3177
Wagon. Extensible.....	E. Riedinger.....	850,785	Apr. 16	4167	873	127	2724
Wagon. Feed.....	T. D. Heath.....	862,969	Aug. 13	1402	381-2	129	2550
Wagon. Garbage.....	A. Gull.....	853,355	May 14	2010	416	128	548
Wagon-gear.....	W. A. Murray.....	852,287	Apr. 30	7183	1508	127	3553
Wagon-hound.....	A. H. Freitag.....	846,197	Mar. 5	967	205	127	245
Wagon-jack.....	I. Shupe.....	843,772	Feb. 12	1848	393	126	2291
Wagon-jack.....	H. G. Cady.....	851,401	Apr. 23	5397	1131	127	3072
Wagon-jack.....	F. J. Feldt.....	853,008	May 7	1316	274	128	334
Wagon-jack.....	G. and A. Haag.....	854,490	May 21	4260	881-2	128	1160
Wagon-jack.....	C. Stiabower.....	861,776	July 30	5370	1481	129	1883
Wagon-jack for portable grain dumps and elevators.....	E. H. and H. V. Schroeder.....	842,714	Jan. 29	5992	1263-4	126	1674
Wagon-loader.....	E. E. Rothacher.....	839,961	Jan. 1	322	71	126	89
Wagon-loader.....	C. A. Jose.....	854,651	May 21	4554	951	128	1232
Wagon-loading device.....	R. Pederson.....	843,695	Feb. 12	1707	363-4	126	2255
Wagon. Lumber.....	S. J. Loncks and W. M. Holcomb.....	846,490	Mar. 12	1553	344	127	425
Wagon or go-cart. Baby.....	F. H. Grimmer.....	855,000	May 28	5290	1099-1100	128	1449
Wagon-rack.....	J. L. Hartnett.....	841,246	Jan. 15	2930	637	126	833
Wagon-rack fastener.....	J. I. Morgan.....	873,884	Dec. 17	3223	687	131	1753
Wagon-reach.....	J. A. Nyberg.....	849,695	Apr. 9	2118	436	127	2162
Wagon-reach.....	J. L. Hecht.....	857,279	June 18	3574	756	128	2671
Wagon-reel.....	E. B. Curtis.....	854,081	May 21	3499	721	128	965
Wagon-remover.....	A. J. Hawkes.....	843,146	Feb. 5	627	133	126	1954
Wagon running-gear.....	W. McIntosh.....	843,691	Feb. 12	1700	361-2	126	2253
Wagon running-gear.....	B. F. Padgett.....	846,939	Mar. 12	2459	539-40	127	654
Wagon running-gear.....	A. D. Brooner.....	856,024	June 4	1116	232	128	1976
Wagon running-gear.....	S. K. Dennis.....	859,209	July 9	1384	368	129	497
Wagon running-gear.....	T. O. Watkins.....	862,222	Aug. 6	181	50-1	129	2139
Wagon. Sanitary dump.....	F. G. Wiselogle.....	842,365	Jan. 29	5211	1106-7	126	1476
Wagon-seat.....	W. P. Norrington.....	848,261	Mar. 26	5090	1112	127	1372
Wagon-seat.....	O. E. Pasko.....	870,583	Nov. 12	1112	304	131	393
Wagon side step.....	J. C. Oliva.....	868,115	Oct. 15	1415	398	130	1788
Wagon. Speed.....	P. W. C. Schildwachter.....	850,971	Apr. 23	4533	949	127	2855
Wagon. Spring.....	G. B. Cusack.....	861,712	July 30	5266	1448	129	1852
Wagon. Sprinkling.....	C. M. Haeske.....	842,543	Jan. 29	5603	1186	126	1579
Wagon-standard.....	E. Fitzpatrick and E. R. Jones.....	858,590	July 2	396	103	129	141
Wagon-starter.....	M. Sinovic.....	861,544	July 30	5015	1377	129	1778
Wagon-top.....	W. S. Gilleland and W. D. Stanley.....	849,675	Apr. 9	2092	430	127	2155
Wagon. Transfer.....	N. C. Bassett.....	840,422	Jan. 1	1278	280-1	126	335
Wagon. Treadle-operated delivery.....	E. M. Gover.....	862,555	Aug. 6	775	207	129	2324
Wagon unloading attachment.....	W. Ledoux.....	863,858	Aug. 20	2751	756	129	3006
Wagons and the like. Draft apparatus for.....	W. F. MacGregor and W. H. Cahall.....	870,241	Nov. 5	579	155-6	131	189
Wagons. Crate-body for.....	J. O. Moore and J. I. Johnson.....	855,721	June 4	529	111	128	1830
Wagons. Drive mechanism for distributing.....	R. S. Wells.....	857,131	June 18	3290	694	128	2600
Wainscoting.....	S. F. Williamson.....	868,382	Oct. 15	1834	516	130	1913
Waist.....	E. G. Tebbutt.....	846,631	Mar. 12	1861	408	127	504
Waist and skirt supporter.....	E. J. McKinney.....	853,646	May 14	2572	534	128	693
Waist. Baby.....	H. J. Sharp.....	851,258	Apr. 23	5105	1074	127	2996
Waist-fastening.....	H. M. Love.....	862,260	Aug. 6	254	72	129	2160
Waist-holder and skirt-supporter.....	B. A. Sebring and J. W. Graham.....	842,347	Jan. 29	5169	1098	126	1464
Waist-holder and skirt-supporter. Combined.....	J. Eisman.....	848,732	Apr. 2	227	45	127	1645
Waist-pattern.....	M. L. Carrara.....	865,761	Sept. 10	1569	442	130	511
Waist protector. Dress.....	J. R. Brantly.....	850,560	Apr. 16	3733	780	127	2616
Waist-shield.....	M. L. Cochran.....	847,241	Mar. 12	3034	668	127	795
Waist supporter and former.....	E. Dilworth.....	872,911	Dec. 3	1247	266	131	1363
Waistband.....	J. C. Stanford.....	873,389	Dec. 10	2240	466	131	1554
Waistband for garments.....	J. Kaplan.....	875,354	Dec. 31	6231	1300	131	2289
Walk-cleaner.....	G. F. Conner.....	841,848	Jan. 22	4142	892	126	1179
Wall.....	F. J. Baker.....	874,881	Dec. 24	5243	1104	131	2111
Wall and block for making the same.....	O. Richards.....	864,801	Sept. 3	57	17	130	21
Wall and ceiling decoration.....	G. W. Dunn.....	871,211	Nov. 19	2213	585	131	736
Wall block or section mold. Portable.....	H. B. Copeland.....	865,297	Sept. 3	820	236-7	130	248
Wall brace or tie.....	A. T. Lewis.....	840,071	Jan. 1	562	122	126	149
Wall. Building.....	W. Curlett.....	855,048	May 28	5396	1121	128	1477
Wall. Building.....	W. Curlett.....	863,786	Aug. 20	2643	731	129	2972
Wall-cleaner.....	S. F. Vaughan.....	871,196	Nov. 19	2180	579	131	730
Wall construction.....	O. F. Mann.....	860,927	July 23	4022	1102	129	1422
Wall construction.....	G. E. Davis.....	867,954	Oct. 15	1173	324	130	1714
Wall construction.....	L. G. Lease.....	868,999	Oct. 22	2827	778	130	2251
Wall construction.....	E. W. Steele and A. C. Shuster.....	872,262	Nov. 26	4449	1057	131	1112
Wall construction. Building.....	T. Jonas.....	857,628	June 25	4252	898	128	2873
Wall construction. Mold for hollow.....	D. O. Wilson.....	852,534	May 7	309	56	128	84
Wall-covering. Internal.....	H. Dolmetsch.....	859,488	July 9	1807	485	129	638
Wall for buildings, masonry-work, and the like. Metal.....	J. Peters.....	853,261	May 14	1797	374	128	487
Wall-forming mold.....	W. D. Ham.....	845,635	Feb. 26	5785	1223	126	3344
Wall-forming mold.....	W. D. Ham.....	849,126	Apr. 2	1038	209	127	1853
Wall-mold.....	H. H. Hahn.....	856,952	June 11	2929	614-15	128	2466

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Wall-molds. Retaining and supporting frame for	R. Deeds	849,664	Apr. 9	2073	425	127	2151
Wall of building-blocks	F. V. M. Hudson	867,043	Sept. 24	3515	997-8	130	1196
Wall or levee. Restraining	G. R. Tuttle	855,598	June 4	297	61	128	1771
Wall-plug	F. J. Plym	855,129	May 28	5577	1159	128	1520
Wall-register	H. Symonds	858,230	June 25	5470	1167	128	3181
Wall structure	W. H. Fisher	840,760	Jan. 8	1950	429	126	541
Wall structure	J. Lally	853,702	May 14	2689	554	128	725
Wall structure	W. P. Francis	860,364	July 16	3144	860	129	1103
Wall structure for sliding doors. Semimetallic	D. Schuyler	851,780	Apr. 30	6159	1286-7	127	3293
Wall-tie	F. Weber	851,611	Apr. 23	5807	1214	127	3172
Wall-tie	W. V. Heinz	863,919	Aug. 20	2842	781	129	3034
Walls and neutralizing saltpeter therein. Construction for drying	M. Leser	859,954	July 16	2524	685-6	129	898
Walls and other surfaces. Decorating	E. Switzer	848,867	Apr. 2	551	109	127	1730
Walls. Collapsible core for plastic building	W. E. De Lhorbe	839,818	Jan. 1	34	8	126	10
Walls. Constructing retaining	G. W. Jackson	842,552	Jan. 29	5620	1188-9	126	1582
Walls. Core for making hollow plastic	W. N. Carroll	858,370	July 2	14	6	129	6
Walls, &c. Facing for	A. O. Whitney and C. L. Weyand	851,579	Apr. 23	5749	1201	127	3160
Walls. Form for plastic building	W. E. De Lhorbe	839,819	Jan. 1	35	9	126	11
Walls. Making composite	E. Martin	843,956	Feb. 12	2198	470	126	2377
Walls. Method and apparatus for making	W. D. Ham	870,881	Nov. 12	1607	440	131	553
Wardrobe. Clothes	R. Weir	852,862	May 7	1016	210	128	259
Wardrobe. Clothes	R. Weir	859,860	July 9	2372	644-5	129	819
Wardrobe-hanger	V. E. Clark	842,940	Feb. 5	196	45	126	1850
Wardrobe. Knockdown	S. W. Bonsall	852,699	May 7	660	128-9	128	173
Wardrobe. Portable	M. S. Koonce	850,658	Apr. 16	3944	824	127	2670
Wardrobe-rack. Collapsible	F. J. Bast	867,567	Oct. 8	527	150	130	1493
Wardrobe-slide	H. Wilson	859,273	July 9	1479	395	129	531
Wardrobes. Article-support for	G. Gautier	844,447	Feb. 19	3182	687	126	2661
Wardrobes. Article-support for	L. Rémond	874,348	Dec. 17	4189	882	131	1905
Warm-air furnace	O. L. Badger	842,126	Jan. 22	4668	1002	126	1303
Warp-drawing machine	M. F. Field, E. F. Hathaway, and C. D. Lanning	871,680	Nov. 19	3192	791-2	131	890
Warp holder or sustainer	A. C. Schoen	855,418	May 28	6097	1274	128	1652
Warp-leasing machine	H. Holgate	861,284	July 30	4599	1257	129	1647
Warp stop mechanism	T. Perks	853,519	May 14	2317	481-3	128	629
Warp stop-motion	B. F. McGuiness	869,643	Oct. 29	3852	1054	130	2593
Warp stop-motion	E. A. Thissell	871,048	Nov. 12	1876	513	131	637
Warp-stop-motion detector	W. Fehr	843,882	Feb. 12	2056	440	126	2342
Warp-stop-motion mechanism	H. Côté	853,163	May 7	1580	329	128	399
Warping-machine	C. H. Knapp	868,452	Oct. 15	1947	543-4	130	1948
Wash and bath tub and ironing-table. Combined	A. Lombardo	869,790	Oct. 29	4069	1123	130	2656
Washer:							
See Air-washer.	Nut-lock washer.						
Bottle-washer.	Nut-locking washer.						
Clothes-washer.	Ore-washer.						
Coal-washer.	Pounder-washer.						
Dish-washer.	Tumbler-washer.						
Floor-washer.	Spring-washer.						
Gas-washer.	Vehicle-washer.						
Gold-washer.	Vehicle-spindle washer.						
Ice-washer.	Wheel-washer.						
Lathe-washer.							
Washer	V. Boehm	847,155	Mar. 12	2856	630	127	752
Washer	C. Jensen	847,665	Mar. 19	3915	854-5	127	1049
Washer	C. G. Ette	869,235	Oct. 29	3176	874	130	2385
Washing	T. Griswold, Jr.	863,062	Aug. 13	1537	417-18	129	2593
Washing and rinsing machine for fibrous materials	F. Bernhardt	862,233	Aug. 6	201	56	129	2145
Washing and wringing machine. Combined	J. H. Lohr	875,361	Dec. 31	6240	1301-2	131	2291
Washing apparatus	F. H. Cole	843,585	Feb. 12	1509	320	126	2203
Washing apparatus	R. T. Haines and F. Whit-Gould	870,095	Nov. 5	339	95	131	113
Washing-boiler	A. L. Brazee	843,437	Feb. 5	1180	248	126	2087
Washing compound and making the same	A. W. Skinner	844,547	Feb. 19	3404		126	2715
Washing device. Clothes	C. E. Miller	858,741	July 2	655	173	129	226
Washing-machine	C. Lusk	841,878	Jan. 22	4201	905	126	1192
Washing-machine	W. M. Dight	842,305	Jan. 29	5070	1081	126	1437
Washing-machine	J. A. McClure	843,480	Feb. 5	1270	267	126	2111
Washing-machine	J. R. Carter	843,734	Feb. 12	1780	380	126	2274
Washing-machine	W. H. Heffernan and H. F. Marshall	844,595	Feb. 19	3740	787	126	2790
Washing-machine	W. W. Allen	844,766	Feb. 19	4092	872-3	126	2881
Washing-machine	L. D. Thornburgh	846,167	Mar. 5	910	192	127	232
Washing-machine	N. B. and N. B. Rees	847,822	Mar. 19	4249	930	127	1126
Washing-machine	R. Woerner	848,219	Mar. 26	5010	1095	127	1353
Washing-machine	E. G. Ellis and P. E. Avett	848,452	Mar. 26	5492	1196	127	1472
Washing-machine	H. E. Thompson	849,090	Apr. 2	952	194-5	127	1830
Washing-machine	P. Werts	849,300	Apr. 2	1362	274	127	1935
Washing-machine	J. D. Metcalf	850,031	Apr. 9	2706	568	127	2310
Washing-machine	J. W. Seifert	850,061	Apr. 9	2771	582	127	2325
Washing-machine	F. Brucker and A. L. Stump	850,291	Apr. 16	3214	670	127	2481
Washing-machine	C. C. Davis	850,524	Apr. 16	3671	768	127	2599
Washing-machine	J. S. Parrish	850,539	Apr. 16	3697	773	127	2607
Washing-machine	C. Stoner	851,453	Apr. 23	5489	1149	127	3094
Washing-machine	W. M. Kincaid	851,674	Apr. 30	5953	1243	127	3239
Washing-machine	J. D. Hiss	852,720	May 7	697	135	128	183
Washing-machine	I. N. Connell	853,162	May 7	1579	328-9	128	399
Washing-machine	I. L. Owens	854,597	May 21	4457	927	128	1207
Washing-machine	P. Cumneen	856,229	June 11	1510	318	128	2108
Washing-machine	G. D. Burton	857,027	June 18	3692	652	128	2548
Washing-machine	W. C. Fawkes	857,337	June 18	3677	777-8	128	2698
Washing-machine	W. G. Chryst	858,573	July 2	353	90	129	126
Washing-machine	J. W. Bedingfield	858,943	July 2	986	256-7	129	338
Washing-machine	H. Lawrence	859,564	July 9	1928	519	129	677
Washing-machine	J. L. and J. W. Davis	859,597	July 9	1982	534	129	696
Washing-machine	W. A. Lee	860,389	July 16	3184	870	129	1116
Washing-machine	F. A. Dinsmore	860,857	July 23	3905	1071	129	1385

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Washing-machine	J. W. Dunmire	861,022	July 23	4191	1148	129	1476
Washing-machine	R. E. Redmond	861,537	July 30	4998	1372	129	1771
Washing-machine	W. C. Fawkes	863,370	Aug. 13	2030	548	129	2751
Washing-machine	C. E. Mitchell	864,018	Aug. 20	2974	820-1	129	3074
Washing-machine	G. W. Froelich	864,127	Aug. 20	3148	871-2	129	3127
Washing-machine	J. A. Wolfley	864,583	Aug. 27	3891	1079	129	3389
Washing-machine	G. R. Adams	864,591	Aug. 27	3900	1083	129	3392
Washing-machine	M. Morgan	866,047	Sept. 17	2026	565-6	130	693
Washing-machine	C. A. Shive	866,527	Sept. 17	2718	759	130	912
Washing-machine	E. V. Allen	866,612	Sept. 24	2847	803	130	985
Washing-machine	J. S. McDaniel	866,731	Sept. 24	3041	857	130	1050
Washing-machine	R. E. Campbell	866,912	Sept. 24	3302	932	130	1130
Washing-machine	H. S. Reams	866,964	Sept. 24	3387	959	130	1157
Washing-machine	J. F. Wade	867,770	Oct. 8	821	234	130	1585
Washing-machine	G. Roberts	868,015	Oct. 15	1264	350	130	1742
Washing-machine	D. Rowland	868,129	Oct. 15	1434	403	130	1794
Washing-machine	A. Erler	868,172	Oct. 15	1487	421	130	1810
Washing-machine	I. L. Anderson	868,831	Oct. 22	2570	709	130	2170
Washing-machine	G. Siewert	869,940	Nov. 5	94	27	131	32
Washing-machine	J. H. Doub	870,020	Nov. 5	233	62	131	81
Washing-machine	W. T. Bottenfield	873,833	Dec. 17	3129	666	131	1737
Washing-machine	H. Iserman	874,079	Dec. 17	3671	772	131	1817
Washing-machine	B. A. Stocking and H. Mendenhall (Reissue.)	12,733	Dec. 17	4249	895	131	1915
Washing-machine	B. Mings	874,610	Dec. 24	4727	993	131	2024
Washing-machine apparatus	A. J. Slonecker	859,622	July 9	2015	544	129	706
Washing-machine bench	H. S. Reams	845,262	Feb. 26	5053	1075	126	3164
Washing-machine bottom	N. Schmit	862,021	July 30	5723	1589	129	1991
Washing-machine. Cylinder	W. Bartholomew	848,874	Apr. 2	564	112	127	1734
Washing-machine gearing	A. Christensen	845,615	Feb. 26	5727	1213	126	3330
Washing-machine gearing	W. W. Terrill	865,824	Sept. 10	1687	468	130	560
Washing-machine gearing	L. W. Mammen	874,095	Dec. 17	3686	778	131	1821
Washing-machine motor	L. C. Lewis	856,270	June 11	1599	334	128	2132
Washing-machine-operating mechanism	T. J. Winans	841,605	Jan. 15	3612	785	126	1010
Washing-machine-operating mechanism	S. Ream	852,618	May 7	490	91	128	129
Washing-machine-operating mechanism	W. G. Chryst	861,951	July 30	5633	1562	129	1965
Washing-machine-operating mechanism	J. H. Stanfield	869,200	Oct. 22	3115	858-9	130	2340
Washing-machine stand	G. W. Froelich	867,493	Oct. 1	397	113-14	130	1426
Washing-machine wringer-support	W. S. S. Rodgers	840,161	Jan. 1	753	164	126	204
Washing or beating engine	S. R. Wagg	871,540	Nov. 19	2948	736	131	847
Washboard	J. T. Sargent	842,341	Jan. 29	5149	1095	126	1459
Washboard	F. Martin	842,964	Feb. 5	243	53	126	1850
Washboard	W. B. Lichtig	843,469	Feb. 5	1242	260	126	2104
Washboard	A. Weiss	851,110	Apr. 23	4788	1007	127	2919
Washboard	S. B. Cook	851,497	Apr. 23	5574	1168	127	3113
Washboard	G. Hascall	858,653	July 2	519	133	129	180
Washboard	W. A. Wilkins	859,160	July 2	1307	348	129	441
Washboard	J. T. Sargent	859,525	July 9	1858	500	129	656
Washboard	J. T. Sargent	859,893	July 9	2425	659	129	835
Washboard	J. T. Sargent	859,894	July 9	2426	659-60	129	835
Washboard	J. T. Sargent	859,895	July 9	2427	660	129	835
Washboard	J. W. Tatum	863,467	Aug. 13	2152	581	129	2786
Washboard	W. Scott	866,892	Sept. 24	3277	922	130	1122
Washboard	W. Scott	867,161	Sept. 24	3704	1048	130	1256
Washboard	G. C. Haysler	867,722	Oct. 8	748	210	130	1562
Washboard	F. Martin	868,679	Oct. 22	2334	646	130	2100
Washboard	E. M. Saunders	872,308	Nov. 26	4541	1076	131	1127
Washboard. Renewable-front	W. G. Frost	844,013	Feb. 12	2297	492	126	2402
Washboard. Self-soaping	J. Koontz	870,787	Nov. 12	1462	395	131	507
Washboard support and shield	A. Geibel	865,487	Sept. 10	1136	321	130	373
Washboiler	L. James	865,903	Sept. 10	1799	502	130	593
Washboiler	J. Mohr	870,572	Nov. 12	1098	301	131	388
Washboiler	J. H. Brownlee	870,865	Nov. 12	1579	434	131	543
Washboiler	L. A. Ritter	873,172	Dec. 10	1813	380	131	1483
Washboiler attachment	A. S. Burkielt	861,160	July 23	4379	1201	129	1539
Washboiler attachment	H. Hempel	869,904	Nov. 5	48	14	131	17
Washboiler-drainer	M. L. Mace	862,177	Aug. 6	106	28	129	2117
Washboilers. Auxiliary bottom for.	N. Kenjora	857,809	June 25	4616	978	128	2965
Washbowl	J. P. Dorau	867,957	Oct. 15	1180	326	130	1716
Washbowl stopper device	M. Selders	866,230	Sept. 17	2289	639	130	777
Washstand	R. C. Coblenz	861,810	July 30	5431	1496	129	1901
Washstand. Portable folding	J. C. Knapp	870,038	Nov. 5	259	71	131	89
Washstand. Stationary	C. S. Blain	865,856	Sept. 10	1732	482	130	574
Washub-fitting	O. H. Klessig	871,347	Nov. 19	2520	648	131	783
Washub. Stationary	S. Feust	863,910	Aug. 20	2829	778	129	3031
Waste-trap	A. S. Newton	863,308	Aug. 13	1936	523	129	2717
Watch	W. J. Walker	843,242	Feb. 5	830	171	126	2005
Watch	N. Currie	848,976	Apr. 2	732	148	127	1774
Watch	A. A. O. Seeler	856,608	June 11	2315	476	128	2314
Watch	W. E. Porter	857,667	June 25	4315	912	128	2888
Watch	W. E. Porter	857,668	June 25	4316	912	128	2888
Watch	W. M. Matheson	863,300	Aug. 13	1924	520	129	2714
Watch	G. L. Mantaras	864,177	Aug. 27	3229	894	129	3180
Watch	A. Bannatyne	864,822	Sept. 3	89	25	130	29
Watch	W. E. Porter	865,656	Sept. 10	1401	397	130	457
Watch	A. Gerson	866,198	Sept. 17	2244	626	130	762
Watch	J. Burtin	871,387	Nov. 19	2616	669	131	796
Watch	D. H. Church	872,712	Dec. 3	829	173	131	1298
Watch and clock dial	J. Strang	870,481	Nov. 5	960	263	131	312
Watch and clock lever-escapement	E. H. Horn	855,950	June 4	978	204	128	1940
Watch balance-staff	F. C. Smith	857,312	June 18	3634	769	128	2687
Watch-barrel	T. S. Bindschedler	867,870	Oct. 8	994	282	130	1636
Watch-barrel	L. A. Faller	872,994	Dec. 3	1409	295	131	1389
Watch-checking device	W. G. Landt	845,423	Feb. 26	5376	1141	126	3242
Watch-cleaning machine	E. F. Knowles	861,990	July 30	5688	1578	129	1981
Watch-job	C. Wallerstedt	843,049	Feb. 5	412	90	126	1897

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Watch-fob	C. Wallerstedt	843,050	Feb. 5	413	90	126	1897
Watch-fob and match-receptacle. Combined.	C. F. Wallerstedt	842,038	Jan. 22	4506	968	126	1264
Watch-guard	A. Schneider	847,207	Mar. 12	2980	656	127	783
Watch-guard	P. B. Smith	850,261	Apr. 16	3163	661	127	2468
Watch-guard	R. S. Pope	850,601	Apr. 16	3815	796	127	2636
Watch-guard	L. L. Tirrell	857,216	June 18	3455	729	128	2641
Watch-guard	H. N. Bolton	867,694	Oct. 8	708	198	130	1549
Watch-holder	A. W. Funk	856,243	June 11	1551	325	128	2120
Watch-movement	E. Hubscher and A. Maurer	861,727	July 30	5285	1454	129	1857
Watch-movement box	J. H. Goss and A. F. Wolff	853,236	May 14	1751	364	128	476
Watch-movement box	J. H. Goss and A. F. Wolff	856,463	June 11	2029	417	128	2242
Watch-movement box	W. M. Black	862,048	July 30	5760	1600	129	2004
Watch-movements. Means for attaching dials to	F. R. Cunningham	857,333	June 18	3672	776	128	2697
Watch. Pendant winding and setting.	D. A. Lindgren	873,564	Dec. 10	2580	543	131	1613
Watch-protector	S. Golombek	854,347	May 21	3995	825	128	1094
Watch-protector	J. Pierz	864,635	Aug. 27	3968	1101	129	3412
Watch-regulating mechanism	R. Lange	845,422	Feb. 26	5375	1140	126	3242
Watch-regulator	O. Ohlson	861,884	July 30	5531	1526	129	1933
Watch-service recorder	H. B. Holmes	862,478	Aug. 6	628	168-70	129	2284
Watch. Stem winding and setting	W. E. Porter	847,819	Mar. 19	4245	929	127	1125
Watch. Stem winding and setting	A. Bannatyne	864,402	Aug. 27	3563	990	129	3284
Watch. Stem winding and setting	E. H. Horn	865,642	Sept. 10	1383	393	130	452
Watch. Stem winding and setting	E. Kuhn	870,109	Nov. 5	358	101	131	119
Watch. Stop	A. Gerson	843,887	Feb. 12	2064	442	126	2344
Watch winding and setting mechanism	H. Sandoz	856,183	June 4	1411	298	128	2048
Watches. Antimagnetic device for	A. T. Wall and O. M. Thowless	849,292	Apr. 2	1348	272	127	1932
Watches. Balance-wheel bridge for	E. H. Horn	846,308	Mar. 5	1168	256	127	295
Watches. Concealed hinge for	A. Bavier	865,672	Sept. 10	1428	405	130	467
Watches in the cases. Means for fastening the movements of	E. J. Martel	848,186	Mar. 26	4951	1081	127	1337
Watches. Plate for repeater-	F. Montandon and N. Weil	865,652	Sept. 10	1395	395	130	455
Watchcase	G. A. Schlechter	848,131	Mar. 26	4867	1063	127	1315
Watchcase-bow	A. Milne	860,047	July 16	2680	729	129	952
Watchcase-center	A. Bavier	842,516	Jan. 29	5559	1175	126	1561
Watchcase-pendant	A. A. Stenhouse	840,096	Jan. 1	610	132	126	160
Watchcase-pendants. Forming	G. A. Derfler	866,194	Sept. 17	2240	624	130	761
Watchcase-pendants. Making	C. W. Butts	865,759	Sept. 10	1566	441	130	518
Watchmaker's roller and collet resetter tool	J. W. Goucher	854,732	May 28	4741	986	128	1308
Watchmaker's tool	D. Dekle	848,449	Mar. 26	5487	1195	127	1471
Watchmaker's tool	W. Arthur	851,854	Apr. 30	6327	1320	127	3338
Watchmaker's tool	G. V. Neal	852,290	Apr. 30	7187	1509	127	3554
Watchmaker's tool	E. N. Sheldon	852,909	May 7	1114	230	128	283
Water-alarm. Electric	A. Johnson	842,554	Jan. 29	5625	1189	126	1584
Water and gas separator	A. T. Newman	856,088	June 4	1213	257	128	1999
Water and other liquid purifying apparatus.	P. G. Griffith	867,969	Oct. 15	1196	330	130	1720
Water. Apparatus for feeding lime to	F. B. Leopold and C. A. Brown	857,563	June 18	4123	873-4	128	2807
Water. Apparatus for the treatment of refractory	R. T. Weaver	854,445	May 21	4186	867	128	1142
Water-back shield	S. M. Stevens	860,420	July 16	3231	883	129	1131
Water-bag and the like stopper	J. Nuttall	861,386	July 30	4765	1302-3	129	1699
Water bottle, cushion, bed, &c	J. B. Brooks	852,999	May 7	1293	270	128	328
Water by means of compressed air. Apparatus for elevating	A. M. Lockett	855,518	June 4	143	29	128	1730
Water by ozonized air. Means for purifying and sterilizing	J. H. Bridge	850,416	Apr. 16	3453	724	127	2544
Water-circulating apparatus	L. M. G. Delaunay-Belleville	853,866	May 14	3028	621	128	807
Water-circulating means	R. W. Nichols	856,900	June 11	2842	593	128	2446
Water clarification	E. Vial	866,094	Sept. 17	2109	586	130	719
Water-clarifying tanks. Mud retainer or collector for.	E. Vial	872,866	Dec. 3	1160	246	131	1348
Water-closet	F. W. Delanoy	845,534	Feb. 26	5593	1184	126	3297
Water-closet	J. W. Sharp, Jr.	846,150	Mar. 5	887	186	127	226
Water-closet	J. F. Kelly	859,302	July 9	1523	407	129	546
Water-closet	E. Hammann and C. H. Moore	860,372	July 16	3156	863	129	1107
Water-closet	R. A. Brooks	863,778	Aug. 20	2623	726	129	2965
Water-closet	N. Frost	863,977	Aug. 20	2924	805	129	3059
Water-closet	C. H. Rolis	864,196	Aug. 27	3269	906	129	3194
Water-closet	J. H. Stevens	864,390	Aug. 27	3548	986	129	3279
Water-closet	E. G. Watrous	870,000	Nov. 5	203	54-5	131	72
Water-closet	P. H. Moohan	870,896	Nov. 12	1634	447	131	561
Water-closet and flushing-valve therefor	T. F. Payne	845,373	Feb. 26	5292	1122-3	126	3223
Water-closet apparatus	E. Hammann and C. H. Moore	860,540	July 16	3404	935	129	1189
Water-closet apparatus	R. E. Crane and O. J. Backus	862,544	Aug. 6	755	201	129	2318
Water-closet attachment	M. Bradford	855,614	June 4	330	67	128	1779
Water-closet attachment	P. T. Tkatzschenko	867,170	Sept. 24	3712	1050	130	1259
Water-closet bend	B. Oakes	846,600	Mar. 12	1796	396	127	487
Water-closet bend	B. Oakes. (Reissue).	12,688	Aug. 27	4175	1158-9	129	3476
Water-closet bend	C. A. Dreier	872,332	Dec. 3	23	4	131	1173
Water-closet bowl	G. W. Knapp	854,653	May 21	4557	952	128	1232
Water-closet bowl and cleaner	F. A. Peterson	872,746	Dec. 3	900	187	131	1309
Water-closet bowls and the like. Flushing device for	L. W. Eggleston	858,166	June 25	5355	1138	128	3151
Water-closet bowls. Automatic opening and closing device for	H. Atkinson	864,118	Aug. 20	3133	867	129	3122
Water-closet connection	J. J. Cosgrove	870,017	Nov. 5	229	62	131	80
Water-closet connection	J. J. Cosgrove	870,018	Nov. 5	230	62	131	81
Water-closet connection	J. J. Cosgrove	870,085	Nov. 5	327	92	131	109
Water-closet fitting	C. A. Dreier	872,331	Dec. 3	22	4	131	1172
Water-closet floor connection	E. G. Watrous	842,363	Jan. 29	5205	1106	126	1474
Water-closet floor-joint	J. W. Crawford	864,517	Aug. 27	3767	1047	129	3352
Water-closet flush-valve	J. Kelly	843,949	Feb. 12	2188	467-8	126	2375
Water-closet flush-valve device	J. Kelly	855,786	June 4	664	135-6	128	1864
Water-closet flushing apparatus	F. W. Scheier	859,341	July 9	1598	424	129	571
Water-closet flushing-tank	L. Lipp	848,381	Mar. 26	5354	1166	127	1435
Water-closet flushing-tank	J. L. Sullivan	849,436	Apr. 9	1619	328	127	2038
Water-closet lid and device for preventing seats from splitting and warping.	J. E. Albricht	870,406	Nov. 5	854	227	131	281
Water-closet seat	C. Willms	840,032	Jan. 1	474	103-4	126	128

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Water-closet seat.	F. W. Kingsbury	840,342	Jan. 1	1106	241	126	295
Water-closet seat.	R. B. Hepner	841,519	Jan. 15	3470	748	126	974
Water-closet seat.	J. A. Lund	867,987	Oct. 15	1227	339	130	1732
Water-closet-seat covering.	F. M. Schaffer	871,896	Nov. 26	3663	892	131	992
Water-closet tank.	F. W. Kingsbury	840,341	Jan. 1	1105	240	126	295
Water-closet-tank valve.	C. Pfau	859,973	July 16	2546	692	129	906
Water-closet. Ventilating.	C. H. Thompson	858,427	July 2	99	28	129	34
Water-closet-ventilating device.	A. T. Lueckenbach	854,365	May 21	4025	833	128	1102
Water-closet ventilator.	L. H. Pleins	851,314	Apr. 23	5228	1096	127	3029
Water-closet waste-pipe connection.	T. E. Flynn	864,239	Aug. 27	3327	921	129	3212
Water-closets, &c. Flexible connection for.	P. F. Lyons	853,515	May 14	2311	479	128	627
Water-closets. Floor connection for.	C. H. Rollins	840,712	Jan. 8	1858	409	126	520
Water-closets, lavatories, &c. Flushing apparatus for.	M. Mendoza	849,152	Apr. 2	1097	220	127	1870
Water-closets. Valve-support for outdoor.	W. U. Griffiths	856,579	June 11	2255	464	128	2298
Water-colors. Composition of.	R. W. Cornelison	854,332	May 21	3964		128	1087
Water-columns. Means for maintaining flow in.	C. Prött	870,685	Nov. 12	1285	351	131	453
Water-conductor pipe or the like.	A. J. Ross	845,577	Feb. 26	5661	1200	126	3314
Water-conveyance.	W. M. and L. E. Meacham	857,951	June 25	4893	1034	128	3033
Water-conveyer.	J. O. Dove and C. Wirsing	874,397	Dec. 24	4299	905	131	1955
Water-cooler.	M. F. Bates	841,220	Jan. 15	2878	626	126	819
Water-cooler.	J. Greyer	842,312	Jan. 29	5083	1083	126	1441
Water-cooler.	G. F. Petropulas	858,101	June 25	5235	1110	128	3122
Water-cooler.	J. T. Cole	869,551	Oct. 29	3693	1013	130	2545
Water-cooler.	C. F. Conover	871,914	Nov. 26	3696	902	131	908
Water-cooler stand.	H. G. Cordley	861,093	July 23	4284	1176	129	1506
Water-cooler stand. Collapsible.	J. C. Hylton	840,130	Jan. 1	701	150	126	191
Water-cooling apparatus.	W. A. Hyed	868,439	Oct. 15	1930	539	130	1942
Water-distributing apparatus.	H. M. Sanders	854,385	May 21	4056	838	128	1109
Water-elevating and delivering apparatus.	E. D. Couch	846,284	Mar. 5	1121	244	127	284
Water-elevating and discharge apparatus.	W. L. and J. H. Harper	864,736	Aug. 27	4128	1146	129	3461
Water-elevating and storage apparatus.	W. W. Douglass	855,100	May 28	5518	1145-6	128	1507
Water-elevating apparatus.	G. W. Rosengarten	868,487	Oct. 15	1994	556-7	130	1964
Water-elevating device.	J. H. Ralston	847,508	Mar. 19	3579	787	127	963
Water-elevating machine.	S. A. Huntley	843,275	Feb. 5	906	184-5	126	2021
Water-elevator.	J. B. Neil	844,534	Feb. 19	3382	728-9	126	2709
Water-elevator.	A. Vandenameele	846,530	Mar. 12	1637	364	127	445
Water-elevator.	E. G. Martin and J. H. Hake	859,400	July 9	1687	449	129	599
Water-elevator.	J. B. Neil	860,686	July 23	3654	1001	129	1305
Water-elevator.	S. E. Merrick	866,949	Sept. 24	3366	952	130	1149
Water-elevator.	A. Haas	868,657	Oct. 22	2290	636	130	2083
Water-elevator and carrier.	W. C. Day	854,336	May 21	3968	820	128	1088
Water-elevator. Compressed-air.	F. Allison	864,055	Aug. 20	3038	839	129	3093
Water-elevator. Current-operated.	A. N. Jones	855,855	June 4	807	168	128	1898
Water-elevator. Pneumatic.	J. E. Bourne and O. W. Stevens	867,470	Oct. 1	361	104	130	1424
Water-feed regulator.	T. G. Rakestraw	870,046	Nov. 5	270	74	131	92
Water-feeding apparatus.	C. Jones	862,562	Aug. 6	787	210	129	2328
Water. Feeding lime to.	F. B. Leopold and C. A. Brown	857,564	June 18	4125	874	128	2808
Water for irrigation, &c. Device for controlling a supply of.	R. G. Kennedy	859,081	July 2	1184	319	129	401
Water for irrigation, &c. Self-regulating apparatus for delivering.	A. S. Gibb	859,935	July 16	2492	677	129	889
Water from cisterns. Apparatus for drawing.	T. Lydon	840,855	Jan. 8	2129	469	126	585
Water-gage.	A. S. Powell	850,050	Apr. 9	2745	576	127	2318
Water-gage.	H. R. Fay	870,026	Nov. 5	244	67-8	131	84
Water-gage.	F. W. Leidecker	857,183	June 18	3398	717	128	2627
Water-gage. Recording.	T. S. Hardesty and S. Stewart	848,102	Mar. 26	4819	1051	127	1304
Water-gages. Apparatus for cleaning the tubes and joint-pipes of.	R. Liebscher	858,663	July 2	533	137	129	185
Water-gap.	P. Schafer, Jr.	850,791	Apr. 16	4179	876	127	2726
Water-gate.	W. C. Weeks	846,170	Mar. 5	917	194	127	233
Water-glasses and sight-lubricators. Safety device and guard for.	T. M. Warner	863,010	Aug. 13	1467	399	129	2572
Water-governor.	W. J. Richards and C. P. Tolman	864,990	Sept. 3	361	96	130	114
Water-heater.	W. Kane	840,220	Jan. 1	875	189-90	126	237
Water-heater.	J. A. Frey	843,526	Feb. 5	1382	290-1	126	2138
Water-heater.	H. S. Humphrey	844,131	Feb. 12	2515	540	126	2454
Water-heater.	E. S. Decker	845,061	Feb. 26	4652	989	126	3062
Water-heater.	E. S. Decker. (Reissue)	12,632	Apr. 9	2908	607	127	2360
Water-heater.	H. L. Fessler and R. Michaels	850,634	Apr. 16	3903	814	127	2659
Water-heater.	T. A. Shoemaker	851,183	Apr. 23	4944	1039	127	2958
Water-heater.	A. Goldfein	851,985	Apr. 30	6593	1374	127	3404
Water-heater.	P. G. Olds	855,197	May 28	5707	1188	128	1554
Water-heater.	A. Oleson, W. A. and C. C. Williams.	855,410	May 28	6077	1270	128	1648
Water-heater.	B. Haynie	857,555	June 18	4100	870	128	2804
Water-heater.	C. F. Bilhorn	858,562	July 2	336	83	129	121
Water-heater.	H. C. Leydori	861,374	July 30	4749	1297	129	1694
Water-heater.	S. Turansky	862,218	Aug. 6	174	49	129	2138
Water-heater.	E. E. Kehnert	863,402	Aug. 13	2067	557-8	129	2762
Water-heater.	E. Rooch	863,651	Aug. 20	2443	671	129	2908
Water-heater.	I. Watts	864,581	Aug. 27	3889	1079	129	3381
Water-heater.	J. Foster	866,122	Sept. 17	2140	595	130	729
Water-heater.	W. P. Cosper	867,480	Oct. 1	374	108-9	130	1428
Water-heater.	J. H. Boyes	868,401	Oct. 15	1868	523	130	1925
Water-heater.	J. M. White and F. H. Ross	870,208	Nov. 5	527	143	131	172
Water-heater.	D. L. and M. D. Kline	871,706	Nov. 19	3235	801	131	897
Water-heater.	R. A. Heffley	872,129	Nov. 26	4186	1000	131	1070
Water-heater.	J. Stott	873,630	Dec. 10	2704	571-2	131	1636
Water-heater.	H. K. Ernberger	874,316	Dec. 17	4138	871	131	1896
Water-heater.	R. B. Prien	874,991	Dec. 31	5517	1151	131	2174
Water heater and purifier.	G. R. Decker	862,314	Aug. 6	346	96	129	2192
Water heater and purifier.	J. E. Wood	870,920	Nov. 12	1673	461	131	575
Water heater and still. Combined.	D. W. Daley, C. A. Gunn, and F. R. Daley.	849,210	Apr. 2	1199	243	127	1895
Water-heater. Electric.	E. C. Miles	853,892	May 14	3095	634	128	824

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Water-heater. Electric.	M. W. Willson.	867,863	Oct. 8	974	278	130	1630
Water-heater. Electrical.	E. J. Condon.	861,811	July 30	5431	1496	129	1901
Water-heater. Electrical.	E. Naumer.	870,577	Nov. 12	1104	302	131	390
Water heater, filter, and cooler. Combined.	P. A. Aurness.	869,045	Oct. 22	2896	799	130	2272
Water-heater. Instantaneous.	J. P. Reinecke.	866,966	Sept. 24	3390	959	130	1158
Water-heater. Instantaneous electric.	H. N. Roche and F. F. Breese.	858,351	June 25	5688	1216	128	3240
Water-heater. Portable.	R. W. Bowen.	864,760	Aug. 27	4160	1155	129	3470
Water-heater, smoke and gas consumer, and damper-regulator.	J. Miller.	847,425	Mar. 19	3422	750	127	921
Water-heater. Storage.	E. Ruud.	853,738	May 14	2773	570	128	747
Water-heating apparatus.	V. W. Blanchard.	849,317	Apr. 2	1395	280	127	1943
Water-heating apparatus.	F. F. Gates.	861,455	July 30	4888	1340	129	1734
Water-heating device.	A. C. Sargent.	873,269	Dec. 10	1984	415	131	1514
Water-hoisting apparatus.	J. C. Norville.	863,938	Aug. 20	2865	789	129	3041
Water-level indicator.	E. A. Schreiber.	860,830	July 23	3862	1059	129	1371
Water-lift.	G. V. Ellis.	858,588	July 2	391	102	129	139
Water-lift. Pneumatic.	W. A. and B. S. H. Harris.	844,936	Feb. 19	4394	939	126	2956
Water-lifting apparatus.	G. W. Palmer and F. E. Pierce.	860,688	July 23	3656	1001-2	129	1306
Water-lifting motor.	M. M. Vineyard.	850,078	Apr. 9	2803	588	127	2334
Water-measuring gate.	A. H. Stokes.	869,274	Oct. 29	3237	892	130	2405
Water-meter.	E. F. Gamon.	854,882	May 28	5075	1055-6	128	1395
Water-meter.	W. S. Pollard.	862,584	Aug. 6	817	218-19	129	2337
Water-meter.	W. G. Volz.	864,579	Aug. 27	3886	1078	129	3388
Water-meter.	C. F. Merrill.	869,320	Oct. 29	3326	914	130	2431
Water-meter.	N. W. Hartman.	869,841	Oct. 29	4142	1144	130	2679
Water-meter installations. System of controlling valves for.	C. Meinecke.	860,100	July 16	2750	750	129	973
Water-meter. Rotary.	C. A. Lockwood.	841,410	Jan. 15	3263	704	126	919
Water-meter. Tamper-proof.	C. E. Loetzer.	855,190	May 28	5695	1185	128	1551
Water-motor.	R. W. Howe and E. J. Orndol.	841,649	Jan. 15	3710	807	126	1033
Water-motor.	L. C. Lewis.	842,406	Jan. 29	5308	1125	126	1506
Water-motor.	G. D. Fraser.	844,510	Feb. 19	3322	715	126	2695
Water-motor.	L. M. Shaw.	848,694	Apr. 2	146	31	127	1624
Water-motor.	J. Scott.	849,859	Apr. 9	2438	498	127	2245
Water-motor.	A. Lang.	856,709	June 11	2500	513-15	128	2360
Water-motor.	J. P. and H. P. Shevlin.	858,226	June 25	5462	1165-6	128	3179
Water-motor.	R. O. Hammond.	864,967	Sept. 3	327	87-8	130	104
Water-motor.	C. M. Girtton.	867,817	Oct. 8	907	257	130	1610
Water-motor.	T. M. Hiestler.	869,568	Oct. 29	3733	1022	130	2558
Water-motor.	L. C. Lewis.	870,112	Nov. 5	361	102	131	120
Water-motor.	E. T. Campbell and B. H. Noeltling.	870,225	Nov. 5	557	149	131	183
Water-motor.	P. T. Coffield. (Reissue)	12,719	Nov. 12	1964	538	131	664
Water-motor.	B. Ziehler.	871,852	Nov. 26	3560	871	131	977
Water-motor wheel.	B. B. Bush. (Reissue)	12,713	Oct. 29	4200	1160	130	2697
Water on sidehills. Implement to arrest the flow of.	P. C. Oestergard.	871,617	Nov. 19	3085	766	131	871
Water or other liquids. Effecting the destruction of pathogenic organisms in.	J. G. Griffith.	839,926	Jan. 1	252	54	126	70
Water-pressure piston-engine.	H. B. Meier.	859,961	July 16	2533	688	129	902
Water-pressure regulator.	J. M. Pietzuch and W. E. Brown.	868,219	Oct. 15	1559	443	130	1831
Water-purification apparatus.	A. Holle.	858,183	June 25	5385	1146	128	3159
Water-purifiers. Chemical-solution elevator for use in.	J. Bowey, Jr.	842,518	Jan. 29	5562	1176	126	1569
Water-purifying.	O. L. Stump, J. Reidenbaugh, and E. D. Packard.	841,067	Jan. 8	2559	560	126	695
Water purifying and filtering apparatus. Electric.	J. A. Hyle.	840,335	Jan. 1	1096	238	126	293
Water-purifying apparatus.	J. M. Murphy.	844,167	Feb. 12	2582	553	126	2471
Water-purifying apparatus.	A. E. Dieterich.	844,262	Feb. 12	2804	598	126	2528
Water-purifying apparatus.	J. C. W. Greth.	846,845	Mar. 12	2275	499	127	610
Water-purifying apparatus.	J. F. Chase.	851,160	Apr. 23	4896	1029-30	127	2947
Water-purifying apparatus.	E. D. Packard.	851,957	Apr. 30	6545	1363-4	127	3392
Water-purifying apparatus.	A. Sorge, Jr.	860,702	July 23	3679	1007	129	1312
Water-purifying apparatus.	A. O. Tate.	860,771	July 23	3783	1037-8	129	1344
Water-purifying apparatus.	O. L. Stump, J. Reidenbaugh, and E. D. Packard.	861,551	July 30	5024	1380	129	1781
Water-purifying apparatus.	C. P. Van Gundy.	871,461	Nov. 19	2779	699-700	131	821
Water-purifying apparatus.	J. C. W. Greth.	872,412	Dec. 3	196	39	131	1199
Water-purifying apparatus. Feeding device for.	M. F. Newman.	854,522	May 21	4314	893	128	1172
Water rating and controlling machine. Automatic adjustable.	W. J. McBride.	843,959	Feb. 12	2205	472	126	2380
Water-register. Automatic.	H. L. and H. K. Fairall and J. Kunzmann.	871,060	Nov. 12	1890	518	131	641
Water-regulator.	W. A. Carson.	849,203	Apr. 2	1190	241	127	1893
Water-return system. Drip.	W. H. Zimmerman.	870,658	Nov. 12	1248	339	131	441
Water-separator.	H. G. Miller.	845,807	Mar. 5	143	27	127	40
Water-softener.	L. W. Jones.	871,225	Nov. 19	2236	590	131	740
Water softener and purifier.	H. Romünder.	849,500	Apr. 9	1773	358-9	127	2075
Water-softener apparatus.	L. W. Jones.	871,226	Nov. 19	2237	591	131	740
Water-softening plant.	A. B. Bellows.	843,572	Feb. 12	1486	314	126	2197
Water-supply and drainage apparatus.	P. M. Nevius and W. E. Barton.	851,100	Apr. 23	4774	1004	127	2915
Water supply and purification system.	G. Pfeiffer, Jr.	842,696	Jan. 29	5954	1254-5	126	1665
Water-supply sources. Means for attaching flexible tubes to.	C. J. Kintner.	863,571	Aug. 13	2305	631	129	2831
Water-supply system.	F. W. McCain.	866,156	Sept. 17	2189	609-10	130	745
Water-supply system. Automatic.	H. C. Sillett.	873,906	Dec. 17	3257	695	131	1761
Water-tank.	C. Wilms.	848,147	Mar. 26	4887	1067	127	1320
Water-tank.	G. T. Horton.	857,626	June 25	4249	897	128	2872
Water-tank.	C. Wilms.	869,953	Nov. 5	111	31	131	37
Water-tank heater.	D. H. Quinn.	873,136	Dec. 10	1736	363-4	131	1472
Water-tower.	F. A. Ballin.	852,213	Apr. 30	7063	1476	127	3524
Water-tower.	W. H. Shafer.	870,646	Nov. 12	1227	333	131	435
Water trap. Waste.	C. H. Moore.	865,312	Sept. 3	843	243	130	256
Water. Treating.	A. J. Simmons.	867,313	Oct. 1	127	38	130	1353
Water treating and storing apparatus.	W. A. Powers.	841,176	Jan. 15	2793	610	126	799
Water-trough.	I. S. Earhart.	875,162	Dec. 31	5841	1219	131	2228
Water-tube boiler.	F. Z. Sherer.	840,093	Jan. 1	604	131	126	160

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Water-tube boiler	S. F. Jeter	840,566	Jan. 8	1587	348	126	449
Water-tube boiler	H. Del Mar	842,084	Jan. 22	4583	985	126	1281
Water-tube boiler	H. Del Mar	842,633	Jan. 29	5800	1225	126	1628
Water-tube boiler	O. Flamm and F. Romberg	844,343	Feb. 19	2980	637	126	2611
Water-tube boiler	J. Wildman	845,386	Feb. 26	5313	1127-8	126	3228
Water-tube boiler	W. S. Elliott	846,737	Mar. 12	2047	450	127	550
Water-tube boiler	W. S. Elliott	846,738	Mar. 12	2050	450	127	551
Water-tube boiler	W. S. Elliott	850,358	Apr. 16	3349	699	127	2518
Water-tube boiler	W. S. Elliott	850,423	Apr. 16	3469	726-7	127	2548
Water-tube boiler	J. F. Senter	851,257	Apr. 23	5101	1073	127	2995
Water-tube boiler	J. J. Cole	853,064	May 7	1409	294	128	358
Water-tube boiler	K. Park	855,661	June 4	414	86	128	1800
Water-tube boiler	G. Sinclair	856,185	June 4	1415	299	128	2049
Water-tube boiler	J. E. Bell	857,016	June 18	3064	647	128	2540
Water-tube boiler	J. E. Bell	857,017	June 18	3065	648	128	2541
Water-tube boiler	O. Guilleaume	861,460	July 30	4893	1341	129	1736
Water-tube boiler	J. P. Badenhausen	862,872	Aug. 13	1266	343	129	2507
Water-tube boiler	R. C. Montague	864,323	Aug. 27	3449	960	129	3248
Water-tube boiler	W. Sellers and B. D. Coppage	866,034	Sept. 17	2006	559-60	130	687
Water-tube boiler	G. H. Wheldon and C. W. Curle	866,103	Sept. 17	2119	590	130	723
Water-tube boiler	D. M. Webster	868,045	Oct. 15	1315	367	130	1758
Water-tube boiler	E. G. Rust	868,891	Oct. 22	2656	734	130	2197
Water-tube boiler	D. Roberts	868,888	Oct. 15	1992	555-6	130	1963
Water-tube boiler and steam-generator	E. Bötticher	851,855	Apr. 30	6336	1321-2	127	3540
Water-tube marine boiler	G. D. Gilbert	848,894	Apr. 2	605	120	127	1744
Water-wheel	A. H. Perry	857,482	June 18	3955	841	128	2766
Water-wheel	F. E. Renick	870,586	Nov. 12	1114	305	131	394
Water-wheel	W. M., W. G., G. B., and S. Q. Saunders	872,202	Nov. 26	4328	1033-4	131	1093
Water-wheel. Current	A. A. Porter	873,082	Dec. 10	1638	341	131	1455
Water-wheel. Endless	L. P. Middleton	859,402	July 9	1889	449	129	600
Water-wheel. Floating t.dal	J. Tibbitts and A. W. Turner	857,773	June 25	4540	958	128	2946
Water-wheel nozzles. Regulating means for	G. J. Henry, Jr.	870,291	Nov. 5	654	176	131	214
Water wheel or motor. Current	C. H. Martin	863,033	Aug. 13	1499	407	129	2581
Water-wheel. Turbine	A. Giesler	856,949	June 11	2923	613	128	2464
Water-wheels. Transmitting mechanism for turbine	W. W. White	866,104	Sept. 17	2120	590	130	723
Waters. Device for detecting subterranean	A. Schmid	841,188	Jan. 15	2814	614	126	804
Waterer. Automatic hog-	C. Pelmulder	846,424	Mar. 5	1422	315	127	359
Waterer. Chicken-	P. Bernard	846,388	Mar. 5	1328	292	127	335
Waterer. Hog-	P. Bernard	843,925	Feb. 12	2145	458	126	2365
Watering device	A. J. Vorheis and J. C. Moyer	854,615	May 21	4489	936	128	1215
Watering-hook for gig-saddles	J. F. Hershey	866,029	Sept. 17	2000	557	130	685
Watering system for gardens, fields, and the like	A. Koren, Jr.	845,179	Feb. 26	4888	1037	126	3123
Watering-trough	V. H. Hughes and D. C. Evans	849,843	Apr. 9	2410	491	127	2238
Watering-trough. Automatic	T. Olson	874,231	Dec. 17	3966	836-7	131	1868
Watering-trough. Stock-	G. Gertzen and J. Roghair	844,277	Feb. 12	2831	603	126	2535
Watering-trough. Stock-	B. F. Booth	847,893	Mar. 19	4398	965	127	1162
Waterproof fabric	E. Mérou	874,101	Dec. 17	3703	.....	131	1823
Waterproofing composition	W. M. Wheeler	846,369	Mar. 5	1286	.....	127	323
Waterproofing compound	A. Gross and A. C. Horn	853,354	May 14	2009	.....	128	548
Waterproofing compound	R. Falter	856,855	June 11	2759	.....	128	2426
Waterway-gate	D. W. Ross	868,489	Oct. 15	1998	558	130	1964
Wave action. Protecting objects from	P. Brasher	843,926	Feb. 12	2146	458	126	2366
Wave-meter	J. Murgas	848,675	Apr. 2	106	23-4	127	1612
Wave-motor	F. Starr	840,460	Jan. 1	1353	299-300	126	352
Wave-motor	H. L. McDuffee	844,174	Feb. 12	2598	557	126	2474
Wave-motor	A. L. and G. A. Reynolds	850,492	Apr. 16	3613	756	127	2584
Wave-motor	J. W. Neal	851,549	Apr. 23	5681	1190-1	127	3139
Wave-motor	E. Kohler	852,232	Apr. 30	7094	1483-4	127	3532
Wave-motor	J. W. Neal	855,258	May 28	5815	1212	128	1583
Wave-motor	F. F. Todd	858,486	July 2	211	49-50	129	79
Wave-motor	J. Birch	860,519	July 16	3370	926	129	1178
Wave-motor	J. Lück	861,997	July 30	5696	1580	129	1983
Wave-motor	J. Carson	862,807	Aug. 6	1170	315	129	2442
Wave-motor	D. N. Green	818,547	Oct. 15	2096	585-6	130	1997
Wave-motor	J. R. Henderson	874,589	Dec. 24	4682	984	131	2016
Wave-motor	E. J. Bissell	875,042	Dec. 31	5620	1173	131	2190
Wave or tide motor	H. J. Lawrence	874,687	Dec. 24	4879	1026	131	2049
Wave-power motor	T. Danford	854,082	May 21	3500	721-2	128	961
Waves. Apparatus for utilizing the vis viva of sea-	E. L. Bazin	845,214	Feb. 26	4954	1052-3	126	3140
Wax-extractor	O. L. Hershisier	870,512	Nov. 5	1007	274	131	325
Wax-holder	M. E. Parker	868,474	Oct. 15	1976	551	130	1957
Wax-treating apparatus. Paraffin-	N. M. Henderson	841,965	Jan. 22	4356	940	126	1229
Waxless flask	I. S. Moscovitz	861,598	July 30	5093	1397	129	1801
Weaner. Calf-	J. R. Grace and O. E. Pidcock	847,571	Mar. 19	3699	816	127	994
Weaner. Calf-	O. E. Cunningham and J. E. Griffith	862,811	Aug. 6	1176	316	129	2443
Weaner. Calf-	O. N. Peterson	863,043	Aug. 13	1511	410	129	2585
Weaner. Calf-	G. M. Krauss	869,913	Nov. 5	55	16	131	19
Weaner. Calf-	E. E. Dehler	873,516	Dec. 10	2472	521	131	1597
Weaner. Stock-	A. W. Swender	869,108	Oct. 22	2981	823-4	130	2299
Weaning-bit	W. A. and J. L. Coe	852,821	May 7	916	187	128	234
Weaning device	M. Campbell	862,388	Aug. 6	468	124	129	2234
Weapon. Hand	K. Gehrer	857,047	June 18	3127	659-60	128	2557
Wearing-surfaces. Material for flexible	J. J. Voorhees	846,534	Mar. 12	1644	365	127	447
Weather-guard	E. L. Charroin	848,882	Apr. 2	578	115	127	1737
Weather-strip	C. E. Saint Clair	841,185	Jan. 15	2810	613	126	804
Weather-strip	W. U. G. Shaw	842,502	Jan. 29	5521	1170	126	1561
Weather-strip	F. J. Boehler	844,656	Feb. 19	3854	817	126	2819
Weather-strip	E. N. Anderson	847,873	Mar. 19	4342	952	127	1151
Weather-strip	S. P. Bricker	848,961	Apr. 2	707	142	127	1768
Weather-strip	S. P. Bricker	849,366	Apr. 9	1494	303	127	2004
Weather-strip	H. W. Kraft	853,982	May 21	3282	675	128	911
Weather-strip	J. Lutz and J. McKellar	854,899	May 28	5107	1062	128	1404
Weather-strip	H. E. Kenny	856,070	June 4	1184	251	128	1992
Weather-strip	F. Wuefling	858,434	July 2	110	31	129	37

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Weather-strip	J. H. Foote	859,491	July 9	1811	486	129	640
Weather-strip	H. Kean	860,032	July 16	2656	722	129	943
Weather-strip	J. A. Scroggins and D. T. Miles	862,023	July 30	5724	1590	129	1991
Weather-strip	F. Gibbon	871,334	Nov. 19	2494	644	131	778
Weather-strip	W. J. Lawder	872,434	Dec. 3	247	50	131	1207
Weather-strip	A. Bujewski	872,642	Dec. 3	678	141-2	131	1274
Weather-strip	W. H. Etter	875,250	Dec. 31	6013	1254	131	2257
Weather-strip	J. H. Woodbury	875,308	Dec. 31	6124	1278	131	2274
Weather-strip and guide. Combined	W. H. Etter	855,293	May 28	5879	1225	128	1599
Weather-strip and window-supporter. Combined	E. Sonntag	858,544	July 2	304	76	129	108
Weather-strip for doors	R. F. Green	868,775	Oct. 22	2479	684	130	2143
Weather-strip for doors	W. L. Wise	874,474	Dec. 24	4430	934	131	1979
Weather-strip for doors and windows	J. B. Smith	872,976	Dec. 3	1373	289	131	1383
Weather-strip. Metal	S. P. Bricker	849,365	Apr. 9	1492	303	127	2003
Weather-strip. Metal	L. S. Bacon	871,853	Nov. 26	3562	871	131	977
Weather-stripping. Metallic	F. L. Bader	841,658	Jan. 22	3737	811	126	1072
Weaving	W. Hannah	870,823	Nov. 12	1523	415-16	131	527
Weaving device. Cross-	H. T. Pestalozzi	852,520	May 7	280	52	128	76
Weaving. Dobby mechanism for leno-	J. B. Bolton	861,945	July 30	5628	1559-60	129	1963
Weaving in natural colors without pattern-cards	A. Regal	874,370	Dec. 17	4234	.....	131	1913
Weaving in natural colors without pattern-cards. Apparatus for	A. Regal	873,683	Dec. 10	2791	592-6	131	1653
Weaving-machine	S. Toyoda	842,274	Jan. 29	5005	1068-9	126	1421
Web folding and associating device	W. Scott	864,434	Aug. 27	3617	1004	129	3303
Web-folding machine	H. M. Barber	857,575	June 25	4153	879-80	128	2845
Web-folding machine	H. E. Leonard	857,948	June 25	4888	1033	128	3032
Web materials. Machine for cutting	W. D. Skidmore	847,838	Mar. 19	4282	939	127	1136
Web or apron. Means for guiding a moving	E. L. Savage	855,482	June 4	78	17	128	1715
Web-press. Flat-bed	H. F. Bechman	858,054	June 25	5141	1088	128	3097
Web-press. Rotary	H. F. Bechman	854,142	May 21	3615	746-7	128	992
Wedge	H. H. Blake and H. E. Denison	860,347	July 16	3115	851-2	129	1093
Wedge. Ax and tool handle	G. P. Morrill	859,965	July 16	2536	689	129	903
Wedge-cutting machine	A. B. Smith	874,447	Dec. 24	4388	924	131	1971
Wedge. Magnetic	S. R. Bergman	872,324	Dec. 3	9	2	131	1170
Wedge-making machine	H. R. Cochran	871,324	Nov. 19	2473	639	131	775
Wedge splitting and shaving machine	F. B. Schuyler	850,546	Apr. 16	3709	775	127	2610
Weed and grass trimmer, &c.	O. Shidler	841,586	Jan. 15	3584	779	126	1002
Weed-cutter	H. C. Scott	842,119	Jan. 22	4658	1000	126	1301
Weed-cutter	O. O. Petty	842,420	Jan. 29	5341	1132	126	1514
Weed-cutter	R. W. Steele	847,125	Mar. 12	2802	619-20	127	737
Weed-cutter	T. Ricketts	857,833	June 25	4657	988	128	2975
Weed-cutter, cultivator, and pulverizer	J. E. Courtwright	863,023	Aug. 13	1485	404	129	2577
Weed-cutter and cultivator. Rotary	A. E. Fehrenbacher	848,613	Mar. 26	5804	1264-5	127	1549
Weed-cutting attachment	C. H. Line	841,794	Jan. 22	4025	869	126	1149
Weed-digger	J. A. Bucknall	840,903	Jan. 8	2233	491	126	611
Weed-exterminator	E. F. Cameron	839,810	Jan. 1	21	5	126	8
Weed-exterminator	M. Schmitt	853,267	May 14	1809	376-7	128	490
Weed-extractor	A. Wahlund	862,773	Aug. 6	1106	A 298	129	2421
Weed gatherer and cutter. Combination	J. N. Eames	853,072	May 7	1426	297-8	128	362
Weeder	A. McRae	839,875	Jan. 1	148	34-5	126	43
Weeder	E. Pearl	841,431	Jan. 15	3295	712	126	926
Weeder	R. D. Abraham	850,456	Apr. 16	3533	739	127	2564
Weeder	E. A. Hess	866,722	Sept. 24	3028	854	130	1045
Weeder and hoe	T. J. King	862,401	Aug. 6	488	130	129	2240
Weeder and stalk-cutter	L. E. Whitaker	855,547	June 4	205	40	128	1749
Weeder, chopper, and scuffle-hoe	H. Richelderfer	874,867	Dec. 24	5214	1099	131	2107
Weeding and cultivating device	J. Carpenter	865,566	Sept. 10	1275	361	130	416
Weft. Mechanism for preventing the entangling of	T. J. King	843,399	Feb. 5	1115	232	126	2071
Weigher. Automatic	R. and S. Myers	861,668	July 30	5198	1427-8	129	1832
Weigher. Automatic	A. and J. H. McLeod	841,038	Jan. 8	2499	545-6	126	680
Weigher. Vehicle	C. L. Gardner	863,979	Aug. 20	2827	806	129	3059
Weigher. Vehicle	J. R. Harrison	864,083	Aug. 20	3093	855	129	3110
Weighing and assorting apparatus	J. R. Harrison	871,403	Nov. 19	2641	675-6	131	801
Weighing and can-filling apparatus	H. Richardson	856,724	June 11	2530	520	128	2369
Weighing and computing device. Butte	F. J. Heybach	874,911	Dec. 24	5341	1117	131	2121
Weighing and measuring device	D. F. Curtin	847,244	Mar. 12	3042	671	127	797
Weighing and packing apparatus. Automatic feed	A. E. Abbott	873,694	Dec. 10	2818	601	131	1657
Weighing and packing apparatus. Automatic feed	S. and R. E. Leetham	858,728	July 2	634	166-7	129	219
Weighing apparatus	S. and R. E. Leetham	865,919	Sept. 10	1823	508-10	130	600
Weighing apparatus	A. O. Watts	853,388	May 14	2067	429	128	563
Weighing apparatus	A. Harrington	855,887	June 4	862	178	128	1911
Weighing apparatus. Liquid-	J. Ertner and A. Jeremiás	864,460	Aug. 27	3663	1019	129	3320
Weighing appliance. Automatic	E. W. Valenta	865,731	Sept. 10	1520	429	130	495
Weighing attachment for ice-boxes	E. H. Shorman	863,003	Aug. 13	1454	395-6	129	2568
Weighing coal, grain, &c. Meter for	N. S. Mercer	850,169	Apr. 16	2988	626	127	2420
Weighing device	M. Washburn and R. D. Granger	870,999	Nov. 5	202	54	131	72
Weighing device	R. E. Kimble	869,969	Nov. 5	132	37	131	43
Weighing device	G. G. Kanable	870,888	Nov. 12	1617	443	131	555
Weighing device. Automatic	P. Edtbauer	857,164	June 18	3355	708-9	128	2616
Weighing device. Automatic	B. P. Mulloy	862,095	July 30	5858	1624	129	2035
Weighing device. Automatic	C. Gauvin, H. Cartier, and E. Brunel	863,529	Aug. 13	2249	609-10	129	2816
Weighing-machine	G. Hoepner	842,665	Jan. 29	5876	1238-9	126	1648
Weighing-machine	G. Cassidy	857,870	June 25	4720	1002	128	2989
Weighing-machine	R. G. Howard	859,222	July 9	1403	373	129	504
Weighing-machine	R. G. Howard	859,226	July 9	1414	375-6	129	510
Weighing-machine	E. Cameron	864,290	Aug. 27	3404	946	129	3235
Weighing-machine	G. H. Mallett	870,979	Nov. 12	1782	485	131	607
Weighing-machine. Automatic	H. Richardson	844,188	Feb. 12	2623	561-2	126	2482
Weighing-machine. Automatic	W. F. and W. Braun	844,440	Feb. 19	3164	680-3	126	2657
Weighing-machine. Automatic	G. Hoepner	849,131	Apr. 2	1059	212-13	127	1859
Weighing-machine. Automatic	G. Hoepner	855,578	June 4	251	50-1	128	1759
Weighing-machine. Automatic	O. C. Patton	857,301	June 18	3614	765	128	2682
Weighing-machine. Automatic	H. Richardson	862,940	Aug. 13	1362	371-2	129	2537
Weighing-machine. Automatic	C. E. Vail	867,173	Sept. 24	3716	1051-2	130	1260
Weighing-machine. Automatic	C. A. Douglass and F. L. Jones	867,354	Oct. 1	193	55-6	130	1 71

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr & G.	Vol.	Page.
Weighing-machine. Automatic.....	J. H. McLeod.....	867,745	Oct. 8	783	220-2	130	1572
Weighing-machine. Automatic.....	R. D. Webb.....	869,204	Oct. 22	3119	860	130	2341
Weighing-machine. Coin-controlled.....	A. A. Caille, G. Hamilton, and O. C. Currie.....	874,300	Dec. 17	4098	863-4	131	1890
Weighing-machine discharge-controlling mechanism.....	H. Richardson.....	871,630	Nov. 19	3108	771	131	874
Weighing machine. Grain.....	B. M. Steele.....	849,026	Apr. 2	812	168	127	1794
Weighing machine. Grain.....	M. Davis.....	849,215	Apr. 2	1206	245	127	1897
Weighing-machine. Power-driven.....	G. Hoepner.....	842,664	Jan. 29	5867	1237-8	126	1646
Weighing mechanism. Automatic.....	A. S. Crocker.....	851,223	Apr. 23	5034	1059-60	127	2979
Weighing mechanism. Automatic.....	G. A. Lee.....	860,392	July 16	3190	872-3	129	1118
Weighing-scoop.....	F. C. Howe.....	852,182	Apr. 30	6998	1461	127	3507
Weighing-scoop.....	F. C. Howe.....	852,183	Apr. 30	7000	1461	127	3507
Weighing-scoop. Automatic portable.....	W. G. Davies.....	871,676	Nov. 19	3187	790	131	889
Weight. Apparatus for electrically indicating.....	C. Russo.....	842,339	Jan. 29	5145	1094	126	1458
Weight-motor.....	M. Brown.....	844,658	Feb. 19	3857	817-18	126	2819
Weir and tide gage.....	L. C. Eisenhut.....	871,093	Nov. 12	1947	533-4	131	658
Weir-gage.....	E. B. Howell.....	846,669	Mar. 12	1923	423	127	519
Welding apparatus. Electrical.....	T. A. Edison.....	847,746	Mar. 19	4078	891-2	127	1086
Welding apparatus. Step-by-step electric seam.....	H. Helberger.....	853,241	May 14	1760	366	128	478
Welding apparatus. Trough system for pipe.....	C. Fell.....	844,340	Feb. 19	2975	635-6	126	2609
Welding clamp. Electric.....	W. E. Williams.....	864,348	Aug. 27	3487	969	129	3260
Welding compound.....	A. J. Hanlon.....	865,887	Sept. 10	1772	.....	130	585
Welding copper.....	W. A. Barnes.....	867,632	Oct. 8	623	.....	130	1525
Welding. Electric.....	L. S. Lachman.....	846,480	Mar. 12	1530	339	127	418
Welding. Electric.....	W. M. Fulton and J. S. Brown.....	858,507	July 2	253	62	129	91
Welding flux. Copper.....	T. W. Wilson.....	847,629	Mar. 19	3853	.....	127	1033
Welding machine. Chain-link.....	L. Roehr.....	858,758	July 2	681	180-1	129	236
Welding machine. Copper.....	G. Rosenberry.....	873,897	Dec. 17	3243	692	131	1758
Welding machine. Electric chain.....	H. Robinson.....	861,394	July 30	4778	1306-12	129	1703
Welding machine. Flue.....	W. B. Hanks.....	843,809	Feb. 12	1911	409-10	126	2307
Welding metals.....	F. Jottrand and F. Schmidt.....	874,084	Dec. 17	3678	774	131	1819
Welding rings, &c. Apparatus for.....	G. H. White.....	863,477	Aug. 13	2168	586-7	129	2791
Welding tapered tubes. Apparatus for.....	J. M. Davidson.....	861,439	July 30	4870	1334-5	129	1729
Welding the longitudinal joints in tubular objects. Electrically.....	E. Bier.....	843,515	Feb. 5	1355	285	126	2131
Well appliance. Oil.....	B. Brazelle.....	870,616	Nov. 12	1164	317	131	412
Well-bailing apparatus.....	M. W. Carroll.....	864,229	Aug. 27	3310	917	129	3206
Well-bailing-operating mechanism.....	D. B. Whitehill.....	850,987	Apr. 23	4555	954-5	127	2861
Well-boring tool.....	L. K. Robbins.....	846,950	Mar. 12	2483	547	127	661
Well-cap.....	T. A. Cooperrider.....	849,206	Apr. 2	1194	242	127	1894
Well-casing shoe.....	R. C. Baker.....	860,115	July 16	2769	756	129	979
Well cleaner. Oil.....	R. H. Bare.....	845,677	Feb. 26	5874	1240	126	3366
Well cleaner. Oil.....	F. N. Scofield.....	848,501	Mar. 26	5567	1215	127	1490
Well-cleaning machine.....	J. H. Crowson.....	866,628	Sept. 24	2873	812	130	993
Well device. Oil.....	V. H. Palm.....	875,372	Dec. 31	6260	1306	131	2295
Well-drilling apparatus.....	G. D. Loomis.....	841,259	Jan. 15	2956	642	126	839
Well-drilling apparatus.....	W. H. Ullman and M. Okey.....	871,248	Nov. 19	2295	600	131	748
Well-drilling apparatus.....	C. M. Heeter.....	872,128	Nov. 26	4184	1000	131	1069
Well-drilling apparatus. Deep.....	J. A. Jackson and J. H. Dower.....	865,103	Sept. 3	525	145	130	159
Well-drilling machine.....	G. N. Thomas.....	846,165	Mar. 5	908	191-2	127	231
Well-drilling machine.....	J. W. Scherer.....	849,271	Apr. 2	1508	265	127	1921
Well-drilling machine.....	J. Rourke.....	854,606	May 21	4477	933	128	1212
Well-drilling machine.....	R. L. Woodard.....	861,928	July 30	5591	1544-5	129	1950
Well-drilling machine.....	J. R. Griffith and L. G. Cosper.....	864,730	Aug. 27	4120	1144	129	3459
Well-drilling machine.....	G. W. Doss.....	870,765	Nov. 12	1426	387	131	494
Well-drilling machine.....	N. D. Wells.....	871,014	Nov. 12	1824	498	131	620
Well-drilling machinery. Sand-line reel for deep.....	H. D. Fidler.....	871,791	Nov. 26	3426	841	131	956
Well-drilling tool.....	F. S. Freeland.....	875,516	Dec. 31	6535	1363	131	2341
Well-drills. Swivel rope-socket for.....	O. E. Lindholm.....	853,706	May 14	2701	556	128	728
Well jack. Oil.....	J. W. Rhoades.....	840,374	Jan. 1	1196	262	126	314
Well-making machine.....	M. D. and R. T. Rochford.....	867,536	Oct. 1	466	134-5	130	1459
Well-packer.....	W. W. Lewin.....	867,735	Oct. 8	769	215	130	1567
Well packer. Oil.....	W. H. Larkin and J. D. Brooder.....	859,304	July 9	1526	408	129	547
Well packing. Oil.....	W. B. Daugherty.....	873,995	Dec. 17	3429	730	131	1789
Well-pipe lifter.....	J. A. Kimbro.....	874,086	Dec. 17	3681	774	131	1819
Well-plunger. Tubular.....	E. R. Lockwood.....	852,185	Apr. 30	7004	1462	127	3508
Well-screen.....	G. W. Stancliff.....	857,313	June 18	3636	770	128	2687
Well-screen.....	E. E. Johnson.....	865,595	Sept. 10	1311	372	130	427
Well-strainer.....	G. Pfeiffer, Jr.....	859,836	July 9	2332	633	129	809
Well-strainer.....	J. H. McEvoy.....	864,673	Aug. 27	4032	1118	129	3431
Well-strainer.....	E. J. Basye.....	866,560	Sept. 17	2761	773	130	924
Well-tube.....	A. L. Medlock.....	846,226	Mar. 5	1021	219	127	260
Well-tube extractor.....	J. A. Holmberg.....	872,940	Dec. 3	1304	276	131	1372
Well-tube strainer.....	G. H. Shoemaker.....	870,389	Nov. 5	833	221	131	274
Well-tubing.....	J. M. Criswell.....	871,258	Nov. 19	2314	604	131	752
Wells. Apparatus for firing explosives in.....	L. H. Broadwater.....	866,838	Sept. 24	3199	900	130	1099
Wells. Device for raising and lowering pipes in bored.....	C. Mann.....	859,825	July 9	2310	628	129	802
Wells. Fishing-tool for oil and Artesian.....	H. M. Smith.....	859,700	July 9	2138	577	129	744
Wells. Hoisting apparatus for deep.....	W. S. Sutton.....	850,549	Apr. 16	3713	776-7	127	2611
Wells. Machine for reviving gas.....	W. D. Van Arsdsale and D. R. Spearman.....	844,060	Feb. 12	2385	511	126	2422
Wells. Means for operating rod-lines for oil.....	J. Reid.....	851,104	Apr. 23	4780	1005	127	2917
Wells. Method of and apparatus for sinking.....	E. F. Bradt.....	849,043	Apr. 2	859	176	127	1806
Wells. Oil-hoisting apparatus for.....	J. M. Rettig.....	865,429	Sept. 10	1038	296	130	345
Wells. Raising liquids from.....	F. J. Moser.....	850,037	Apr. 9	2719	571	127	2313
Wells. Rope-grab for oil or other drilled.....	L. Stephens.....	846,157	Mar. 5	899	189	127	229
Well-marking machine.....	W. H. Hooper.....	861,178	July 23	4402	1209	129	1546
Well-shaping machine.....	L. Goddu.....	853,509	May 14	2300	476	128	625
Well-slitting machine.....	A. G. Brewer.....	855,753	June 4	605	124	128	1851
Well-slitting-machine knife.....	J. B. Hadaway.....	875,172	Dec. 31	5868	1224	131	2232
Wells. Machine for operating on.....	J. B. Hadaway.....	875,171	Dec. 31	5862	1223-4	131	2231
Wells. Making waterproof.....	J. B. Reynolds. (Reissue).....	12,685	Aug. 27	4170	1158	129	3474
Wells to stock. Machine for uniting.....	H. C. Gros.....	855,244	May 28	5794	1207	128	1578
Wetting up.....	W. C. Gegler.....	849,349	Apr. 2	1460	297	127	1959
Whalebone for bodices. Mixed.....	E. M. Bossuet.....	848,433	Mar. 26	5454	1188	127	1462

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Wheat-washing machine.....	J. McDaniel.....	871,517	Nov. 19	2896	725	131	839
Wheel:							
See Abrasive wheel. Pneumatic-spoke wheel.							
Air-wheel. Polishing-wheel.							
Ambulatory wheel. Propeller-wheel.							
Automobile-wheel. Railway-wheel.							
Automobile drive-wheel. Recreation-wheel.							
Ball-bearing wheel. Reducing-wheel.							
Buffing or polishing wheel. Resilient wheel.							
Car-wheel. Resilient-tired wheel.							
Carriage-wheel. Sand-wheel.							
Current-wheel. Scouring-wheel.							
Cushion-wheel. Self-lubricating wheel.							
Cushion-tire wheel. Self-oiling wheel.							
Cushioned wheel. Skate-wheel.							
Elastic wheel. Spring-wheel.							
Electric-motor wheel. Sprocket-wheel.							
Emergency-wheel. Steel wheel.							
Engine fly-wheel. Steel-tired wheel.							
Excavating-wheel. Steering-wheel.							
Fan and pump wheel. Stone cutting and polishing wheel.							
Fifth-wheel. Stone-polishing wheel.							
Flexible wheel. Supplemental wheel.							
Gage-wheel. Traction-wheel.							
Gear-wheel. Trolley-wheel.							
Grinding-wheel. Truck-wheel.							
Grinding or polishing wheel. Turbine-wheel.							
Hand-wheel. Turbine running-wheel.							
Laminated wheel. Vehicle-wheel.							
Measuring-wheel. Vehicle steering-wheel.							
Metallic wheel. Vending-machine coin-wheel.							
Paddle-wheel. Water-wheel.							
Painter's striping and stenciling wheel. Wheelbarrow-wheel.							
Photographer's trimming-wheel. Wind-wheel.							
Pneumatic wheel. Wind or water power wheel.							
Pneumatic-cushion wheel.							
Wheel.....	W. M., W. N., and D. T. Tarter..	840,881	Jan. 8	2189	482	126	599
Wheel.....	J. S. Miller.....	842,485	Jan. 29	5492	1163	126	1555
Wheel.....	W. H. Clark.....	843,001	Feb. 5	322	70	126	1871
Wheel.....	W. F. Grell.....	844,347	Feb. 19	2988	640	126	2613
Wheel.....	D. Robinson.....	844,403	Feb. 19	3100	666	126	2640
Wheel.....	G. W. Walk.....	848,142	Mar. 26	4880	1065-6	127	1318
Wheel.....	B. H. Sils.....	848,325	Mar. 26	5245	1144	127	1411
Wheel.....	R. H. Bowen.....	849,199	Apr. 2	1185	240	127	1891
Wheel.....	J. E. Zimmermann.....	849,309	Apr. 2	1378	277-8	127	1938
Wheel.....	C. C. Brabant.....	850,559	Apr. 16	3732	779	127	2615
Wheel.....	J. W. Hill.....	850,754	Apr. 16	4113	861	127	2710
Wheel.....	H. T. Hansen.....	851,234	Apr. 23	5053	1063	127	2984
Wheel.....	J. Stuart.....	851,326	Apr. 23	5249	1100	127	3035
Wheel.....	J. W. Meixell. (Reissue).....	12,636	Apr. 23	5853	1224	127	3182
Wheel.....	I. W. Giles and C. W. Tobey.....	853,687	May 14	2662	549	128	718
Wheel.....	W. R. Caldwell.....	853,767	May 14	2830	582	128	761
Wheel.....	J. Thomson and F. W. Kremer.....	854,063	May 21	3462	713-14	128	955
Wheel.....	J. W. Barnes, Jr.....	857,858	June 25	4704	998	128	2986
Wheel.....	F. P. Vaughan.....	858,489	July 2	216	51	129	80
Wheel.....	F. P. Vaughan.....	858,490	July 2	218	51-2	129	81
Wheel.....	G. W. Ruhl.....	859,337	July 9	1593	423	129	569
Wheel.....	P. Ebner.....	859,440	July 9	1739	464	129	617
Wheel.....	J. Hippisley.....	860,133	July 16	2795	763	129	988
Wheel.....	B. C. Seaton.....	861,542	July 30	5013	1377	129	1777
Wheel.....	W. H. Trabue.....	861,623	July 30	5135	1409-10	129	1814
Wheel.....	J. P. Stuart.....	861,777	July 30	5371	1482	129	1883
Wheel.....	J. H. Harrington.....	861,976	July 30	5667	1573	129	1974
Wheel.....	H. F. Broadhurst.....	862,702	Aug. 6	994	266	129	2389
Wheel.....	A. McLean.....	863,040	Aug. 13	1507	409	129	2584
Wheel.....	W. H. Douglas.....	864,627	Aug. 27	3960	1099	129	3409
Wheel.....	E. D. Markham.....	865,115	Sept. 3	543	151	130	165
Wheel.....	H. Cramer.....	865,682	Sept. 10	1443	409	130	471
Wheel.....	J. Lauth.....	866,287	Sept. 17	2379	662	130	805
Wheel.....	B. C. Seaton.....	867,614	Oct. 8	597	170	130	1515
Wheel.....	W. Eichers.....	867,710	Oct. 8	735	206	130	1558
Wheel.....	G. F. Brandenburg.....	868,405	Oct. 15	1873	525	130	1926
Wheel.....	S. E. Mercer.....	869,921	Nov. 5	64	19	131	22
Wheel.....	C. Adams-Randall.....	870,708	Nov. 12	1321	361	131	465
Wheel.....	W. Nice, Jr.....	871,518	Nov. 19	2900	726	131	839
Wheel.....	L. Pierre.....	872,583	Dec. 3	566	118	131	1254
Wheel.....	G. B. Hurlburt.....	873,048	Dec. 10	1567	328	131	1444
Wheel.....	C. E. Brinley and R. H. Bowen.....	873,408	Dec. 10	2277	475	131	1562
Wheel.....	L. Long.....	873,876	Dec. 17	3206	683	131	1751
Wheel and tire gage. Combination.	J. E. Osmer.....	870,581	Nov. 12	1109	303	131	392
Wheel attachment.....	F. Unger.....	846,529	Mar. 12	1636	364	127	445
Wheel attachment for sleds.....	W. S. Howell.....	844,725	Feb. 19	4004	853	126	2856
Wheel attachment. Vehicle-brace.....	D. Ward.....	849,031	Apr. 2	828	170	127	1799
Wheel-brace.....	Z. M. Bonner.....	867,237	Oct. 1	14	4	130	1321
Wheel-brace. Vehicle-brake.....	C. H. Badger.....	851,974	Apr. 30	6571	1369	127	3399
Wheel-brake.....	W. H. Balch.....	862,788	Aug. 6	1123	305	129	2427
Wheel clamp or anchor.....	M. Paulson.....	867,594	Oct. 8	571	161	130	1508
Wheel-fender.....	T. J. Wilson.....	870,072	Nov. 5	309	85	131	104
Wheel-flange. Attachable.....	H. L. Hegland.....	843,943	Feb. 12	2178	466	126	2373
Wheel-flange lubricator.....	J. H. Miner.....	860,048	July 16	2681	729	129	952

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Wheel for cycles, motor-cars, carriages, and other vehicles.	J. N. B. Moore.	857,091	June 18	3228	679	128	2583
Wheel greaser. Wagon-	J. N. and J. P. Simpson.	858,631	July 2	483	124	129	169
Wheel-machine.	C. W. Robinson.	847,607	Mar. 19	3783	829-31	127	1017
Wheel mounting. Vehicle-	C. W. Fulton.	860,023	July 16	2644	718-19	129	939
Wheel mud and sand guard. Vehicle-	R. T. Jackson.	840,494	Jan. 8	1435	316	126	413
Wheel-press.	G. T. Reiss.	843,098	Feb. 5	531	110	126	1929
Wheel regulator. Band-	G. Diehl.	863,055	Aug. 13	1527	414	129	2590
Wheel-resetting mechanism	F. Rath.	859,410	July 9	1700	452-3	129	604
Wheel-rim.	T. Midgley.	841,801	Jan. 22	4034	871	126	1150
Wheel-rim.	T. Midgley.	841,802	Jan. 22	4036	871	126	1150
Wheel-rim.	O. Swanström.	851,208	Apr. 23	4909	1051	127	2971
Wheel-rim.	T. Furlong.	852,175	Apr. 30	6992	1459	127	3505
Wheel-rim.	R. S. Bryant.	853,058	May 7	1401	292	128	356
Wheel-rim.	F. K. Rand and W. R. Hines.	857,830	June 25	4648	986	128	2972
Wheel-rim.	E. Hopkinson.	864,375	Aug. 27	3526	979	129	3273
Wheel-rim.	J. K. Turton.	866,986	Sept. 24	3421	969-70	130	1167
Wheel rim and tire.	P. Ebner.	853,299	May 14	1901	395	128	519
Wheel rim and tire construction. Vehicle-	M. P. Morrison.	867,588	Oct. 8	558	157	130	1504
Wheel-rim. Detachable.	R. Healy.	874,844	Dec. 24	5164	1088	131	2100
Wheel rim or felly.	H. Pataud.	853,584	May 14	2460	512	128	664
Wheel rim. Vehicle.	J. M. Padgett.	864,911	Sept. 3	235	64	130	73
Wheel rim. Vehicle.	E. D. Valentine.	871,460	Nov. 19	2778	699	131	821
Wheel-runner for baby-carriages	W. H. Bussell.	847,900	Mar. 19	4411	967	127	1166
Wheel-shaping machine. Bevel-	T. Coventry.	868,159	Oct. 15	1468	413	130	1805
Wheel-shovel.	C. T. Hookway.	870,172	Nov. 5	458	126	131	150
Wheel-spindle.	P. H. Graves.	855,303	May 28	5894	1229	128	1603
Wheel spindle and axle.	T. J. Lindsay.	855,898	June 4	891	183-4	128	1919
Wheel-support. Pneumatic.	G. W. Bell.	851,393	Apr. 23	5381	1123	127	3068
Wheel-support. Pneumatic cushioning	G. W. Bell.	845,327	Feb. 26	5191	1101	126	3197
Wheel-truing mechanism. Metal-	E. Einfield.	852,829	May 7	932	190-1	128	238
Wheel-washer.	J. S. Williams.	840,675	Jan. 8	1780	392	126	499
Wheel with elastic spokes	P. Lamure.	859,607	July 9	1995	538	129	700
Wheels. Assembling	J. Weber, Jr.	855,369	May 28	6007	1254	127	1631
Wheels. Making	C. T. Schoen.	848,927	Apr. 2	652	130	127	1754
Wheels. Means for preventing slippage of traction-	R. Shipman.	841,588	Jan. 15	3586	779-80	126	1002
Wheels. Mud-toe for traction-	J. McDonald and F. H. McBride.	852,573	May 7	404	74	128	107
Wheels. Pneumatic cushion for vehicle-	H. E. Bradley.	855,929	June 4	947	196	128	1933
Wheels. Production of globoidal worm-	G. Mothes.	852,736	May 7	729	142-3	128	191
Wheels. Sleigh attachment for buggy-	G. G. Ford.	849,990	Apr. 9	2650	554-5	127	2297
Wheels to prevent skidding and side slip. Appliance for motor-vehicle	W. H. Ellam.	858,710	July 2	601	158	129	207
Wheels to shafts or axles. Means for securing	T. S. Scott.	861,143	July 23	4357	1194	129	1531
Wheeling and edge-setting machine	G. M. Carnes.	852,703	May 7	668	130	128	175
Wheelbarrow	C. H. Heineman.	855,309	May 28	5903	1231	128	1605
Wheelbarrow.	L. F. Lorenzi.	868,462	Oct. 15	1961	547	130	1952
Wheelbarrow.	V. A. Gates.	872,926	Dec. 3	1265	270	131	1366
Wheelbarrow-body	C. H. Heineman.	854,496	May 21	4273	884	128	1163
Wheelbarrow-trays. Machine for trimming and wiring	M. A. Duquett.	854,691	May 21	4641	967-8	128	1254
Wheelbarrow-wheel.	T. L. Smith and C. A. Baker.	865,274	Sept. 3	776	223	130	235
Wheelbarrow-wheel.	C. A. Baker and T. L. Smith.	869,343	Oct. 29	3362	925	130	2442
Wheelwright-machine.	J. M. Robbins.	863,941	Aug. 20	2870	790	129	3043
Whiffletree	R. R. Burton.	843,131	Feb. 5	597	126	126	1947
Whiffletree.	N. P. Peterson.	845,663	Feb. 26	5848	1235	126	3359
Whiffletree.	W. T. Young.	846,714	Mar. 12	1996	439	127	537
Whiffletree.	S. A. Hazelton.	854,495	May 21	4271	884	128	1162
Whiffletree.	H. Selson.	837,310	June 18	3632	769	128	2686
Whiffletree.	W. Butler.	859,870	July 9	2388	650	129	825
Whiffletree.	P. L. Vinson.	864,711	Aug. 27	4087	1136	129	3449
Whiffletree attachment.	J. J. Owens.	854,306	May 21	3922	809	128	1075
Whiffletree attachment.	L. Decker.	862,062	July 30	5798	1608	129	2016
Whiffletree-clip.	H. F. Gray.	853,353	May 14	2008	415	128	547
Whiffletree-clip.	D. H. Young.	856,668	June 11	2427	500	128	2342
Whiffletree-coupling	E. L. Bauman.	852,592	May 7	447	82	128	181
Whiffletree draft attachment.	H. Lambert.	850,377	Apr. 16	3388	708	127	2527
Whiffletree-hook.	J. McClelland.	840,152	Jan. 1	741	161	126	201
Whiffletree-hook.	O. B. Haga.	849,232	Apr. 2	1238	251	127	1905
Whiffletree-hook.	C. W. Blackburn.	860,121	July 16	2777	758	129	982
Whiffletree-hook.	J. L. Davidson.	860,855	July 23	3903	1070	129	1384
Whiffletree-hook.	J. E. G. Geisel.	862,552	Aug. 6	772	206	129	2323
Whiffletree-hook.	J. Pierson, Jr.	865,932	Sept. 10	1841	517	130	605
Whiffletree-hook.	M. J. Corcoran.	870,016	Nov. 5	228	61	131	80
Whiffletree-hook.	L. J. Austin.	873,003	Dec. 10	1465	304	131	1428
Whip.	M. O. Felker.	842,089	Jan. 22	4590	987	126	1283
Whip.	F. H. Audley.	857,511	June 18	4013	854	128	2781
Whip-actuating device.	G. W. Scott and J. Deady.	842,026	Jan. 22	4484	963	126	1258
Whip-buttons. Crimper and tucker for.	D. C. Hull.	861,653	July 30	5175	1420-1	129	1827
Whip-holder.	E. H. Morris.	841,560	Jan. 15	3532	764	126	989
Whip-holder.	W. J. Allen.	863,893	Aug. 20	2809	771	129	3025
Whip-holder for carriages	J. C. Dunfee.	845,167	Feb. 26	4861	1030	126	3116
Whip-holder or hanger	G. Keller.	842,960	Feb. 5	231	52	126	1847
Whip-rolls. Adjustable ease-off for.	G. S. Cogswell.	866,841	Sept. 24	3203	901	130	1100
Whip-socket.	T. Armstrong.	841,479	Jan. 15	3392	732	126	952
Whip-socket.	G. B. Mankins.	848,383	Mar. 26	5356	1166-7	127	1436
Whip-socket.	W. F. Farber and H. H. Lehman.	848,643	Apr. 2	42	9-10	127	1595
Whip-socket.	P. I. Conrad.	850,466	Apr. 16	3551	743	127	2568
Whip-socket.	A. Kormil.	859,389	July 9	1674	446	129	595
Whip-socket.	G. Dumas.	872,059	Nov. 26	4050	970-1	131	1046
Whip-socket and rein-holder. Combined.	A. Kormil.	865,916	Sept. 10	1818	507-8	130	598
Whip-socket lock.	B. H. Short.	865,000	Sept. 3	373	100	130	117
Whip-socket lock.	J. W. Pope.	870,464	Nov. 5	936	255	131	2015
Whip-socket. Lock.	C. M. Hoeregott and H. C. Eby.	874,591	Dec. 24	4685	985	131	307
Whipping device.	L. G. Dobbs.	852,498	May 7	236	42	128	67
Whisk-broom.	P. J. Chanavas.	861,262	July 30	4565	1245	129	1637

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Invention.	Name.	No.	Date	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Whisky-aging apparatus.....	W. H. Johnson.....	864,896	Sept. 3	210	59	130	65
Whist-tray.....	A. W. Hobson.....	859,942	July 16	2503	679	129	892
Whistle. Automatic.....	W. M. and A. M. Cox.....	849,661	Apr. 9	2067	424	127	2150
Whistles. Megaphone attachment for steam-.....	R. H. Courtney, Jr.....	844,254	Feb. 12	2778	593	126	2523
Whitening-machine.....	T. P. Coombs.....	858,576	July 2	358	91-2	129	127
Wick. Oil-burner.....	C. S. Cannon.....	852,651	May 7	560	106	128	146
Wick-tube.....	W. R. Jeavons.....	848,830	Apr. 2	467	91	127	1706
Wigs in place. Securing.....	W. Schleicher.....	851,384	Apr. 23	5364	1123	127	3063
Willow-stripper.....	G. S. Herrick and W. H. Meaney.....	868,340	Oct. 15	1766	499	130	1894
Winch. Hydraulic.....	J. G. Winger.....	874,275	Dec. 17	4049	855-6	131	1881
Wind in the vertical plane. Apparatus for automat- ically recording the direction of the.....	E. A. Sperber.....	858,310	June 25	5603	1198	128	3213
Wind instruments. Pneumatic action for.....	J. Binnig.....	853,949	May 21	3232	663	128	897
Wind instruments. Reed-protector for.....	E. Nelson.....	867,832	Oct. 8	927	264	130	1616
Wind-motor.....	C. J. McMaster.....	854,664	May 21	4577	956	128	1238
Wind-motor.....	J. W. Beates.....	871,024	Nov. 12	1838	503	131	624
Wind-motor. Duplex.....	O. Kirkham.....	844,454	Feb. 19	3192	689	126	2663
Wind or water power wheel.....	J. N. Whitner.....	848,522	Mar. 26	5610	1227	127	1500
Wind-power apparatus.....	R. Stola.....	868,370	Oct. 15	1818	511-12	130	1909
Wind-power. Machine for use with.....	J. Homola.....	869,709	Oct. 29	3950	1089	130	2622
Wind-shield.....	E. Schildback.....	847,830	Mar. 19	4258	932	127	1128
Wind-shield.....	P. De Anguera, Jr.....	859,591	July 9	1972	532	129	692
Wind-shields. Adjustable support for.....	O. C. Graff.....	849,733	Apr. 9	2182	450	127	2177
Wind-wheel.....	W. J. Kinney.....	854,652	May 21	4556	951	128	1232
Wind-wheel.....	C. F. Whisler.....	862,299	Aug. 6	325	90-1	129	2184
Windmill.....	M. V. Hartong.....	840,208	Jan. 1	858	185	126	233
Windmill.....	R. L. Longley.....	840,458	Jan. 1	1348	299	126	351
Windmill.....	J. Barker.....	842,054	Jan. 22	4535	975	126	1270
Windmill.....	B. F. Mohr.....	842,103	Jan. 22	4619	991-2	126	1290
Windmill.....	C. and J. Viskochil.....	846,532	Mar. 12	1640	365	127	446
Windmill.....	A. W. Ketch.....	847,949	Mar. 19	4510	989	127	1189
Windmill.....	E. P. Bergman.....	840,191	Apr. 2	1169	236	127	1888
Windmill.....	E. P. Bergman.....	849,192	Apr. 2	1170	236	127	1888
Windmill.....	C. B. Dempster and H. S. Malony.....	850,628	Apr. 16	3879	810	127	2652
Windmill.....	S. E. Keener and W. A. Munson.....	852,275	Apr. 30	7165	1503	127	3548
Windmill.....	C. D. Plympton.....	856,364	June 11	1841	373	128	2195
Windmill.....	J. Axelstrom.....	857,376	June 18	3755	795	128	2717
Windmill.....	W. J. Kickbush.....	864,789	Sept. 3	37	11-12	130	14
Windmill.....	J. W. Park.....	865,521	Sept. 10	1192	340	130	392
Windmill.....	R. S. Bell.....	866,836	Sept. 24	3196	899	130	1098
Windmill.....	I. Miles.....	867,990	Oct. 15	1231	340	130	1733
Windmill.....	J. A. Bell and S. W. Reynolds.....	874,382	Dec. 24	4263	899	131	1948
Windmill-governor.....	C. K. Hall.....	854,735	May 28	4745	986	128	1309
Windmill-regulator.....	J. B. Vail.....	851,846	Apr. 30	6310	1316-17	127	3334
Windmill-regulator.....	J. B. Vail.....	860,613	July 16	3535	971	129	1232
Windmill-regulator.....	O. C. Hoevet.....	869,242	Oct. 29	3187	879	130	2388
Windmill-stroke-adjuster.....	F. S. Laffin.....	856,888	June 11	2816	587	128	2441
Windmill-tower.....	J. H. Eubank.....	865,580	Sept. 10	1291	366	130	421
Windmills. Automatic cut-out for.....	J. Roessler.....	860,152	July 16	2826	772	129	1001
Winder. Ball.....	F. A. Whitmore.....	846,968	Mar. 12	2516	555	127	670
Winding and measuring device.....	S. E. Parrish.....	856,289	June 11	1647	341-2	128	2144
Winding and measuring machine.....	C. A. Marquis.....	847,422	Mar. 19	3414	748-9	127	919
Winding-core.....	J. H. Gately.....	866,353	Sept. 17	2489	695	130	841
Winding device.....	S. W. Wardwell.....	869,604	Oct. 29	3789	1036	130	2575
Winding-drum. Expansible.....	A. C. Mills.....	854,661	May 21	4573	955	128	1236
Winding-frame.....	G. P. J. Stivers.....	851,144	Apr. 23	4850	1020-1	127	2937
Winding-frames. Split drum for.....	F. Rivett and S. Oldham.....	868,013	Oct. 15	1260	349	130	1741
Winding, lustering, and finishing silk, &c. Machine for.....	W. C. Keyworth.....	872,734	Dec. 3	879	182	131	1305
Winding-machine.....	G. F. Atwood.....	841,305	Jan. 15	3057	662	126	864
Winding-machine.....	J. E. and J. Broadbent.....	855,930	June 4	949	196-7	128	1933
Winding-machine.....	W. C. Perry.....	867,298	Oct. 1	106	32-3	130	1346
Winding machine. Ball.....	A. T. and G. H. Saunders.....	859,116	July 2	1233	331	129	417
Winding machine. Quill.....	E. E. Bradley.....	850,463	Apr. 16	3545	741-2	127	2567
Winding machine. Yarn or thread.....	J. S. Ainley and E. Sykes.....	853,392	May 14	2072	430	128	564
Windlass attachment.....	E. R. Buckwalter.....	857,326	June 18	3654	774	128	2692
Windlass. Hand.....	H. D. Van Doorn.....	853,045	May 7	1381	287-8	128	351
Window.....	A. Assorati.....	844,229	Feb. 12	2722	581	126	2509
Window.....	M. V. Ayres.....	844,645	Feb. 19	3827	811	126	2812
Window.....	A. Tornier.....	845,382	Feb. 26	5307	1126	126	3226
Window.....	B. J. Leslie.....	846,858	Mar. 12	2296	505	127	615
Window.....	S. U. Barr. (Reissue).....	12,628	Apr. 2	1473	299	127	1962
Window.....	H. R. Schweinler.....	853,902	May 14	3113	638	128	829
Window.....	O. M. Edwards.....	854,988	May 28	5257	1095	128	1442
Window.....	W. H. Barriere.....	855,609	June 4	319	65	128	1776
Window.....	C. Walchner.....	858,236	June 25	5480	1169	128	3184
Window.....	E. W. Humphreys.....	862,253	Aug. 6	231	64-6	129	2154
Window.....	M. J. Daly and T. S. Leake.....	862,451	Aug. 6	580	154	129	2271
Window.....	H. T. Atkinson.....	864,749	Aug. 27	4146	1151	129	3466
Window.....	G. E. Humphries.....	865,341	Sept. 3	895	256	130	271
Window.....	H. Rich.....	868,698	Oct. 22	2366	655	130	2109
Window adjuster. Casement.....	G. L. Wilkins.....	866,703	Sept. 24	2988	848	130	1024
Window and door alarm.....	J. Swan.....	847,525	Mar. 19	3613	796	127	972
Window and door alarm.....	J. Swan.....	847,846	Mar. 19	4295	942	127	1139
Window and door light ventilator.....	G. Wamhoff, Jr.....	869,118	Oct. 22	2994	827	130	2302
Window and door screen.....	J. G. Wiesen.....	871,843	Nov. 26	3546	867	131	974
Window. Automatic.....	T. I. Duffy.....	845,767	Mar. 5	68	14	127	21
Window. Automatic.....	O. H. Iman.....	847,477	Mar. 19	3516	770	127	946
Window. Automatically-closing.....	H. F. Zahner.....	842,369	Jan. 29	5224	1108	126	1481
Window. Bay.....	L. G. Quackenboss.....	845,259	Feb. 26	5039	1072-3	126	3161
Window-bead fastener.....	R. McMillen.....	858,897	July 2	918	240	129	316
Window-bracket.....	P. A. Fenian.....	852,941	May 7	1170	241	128	297
Window-bracket.....	M. D. Adams and A. J. Collier.....	872,884	Dec. 3	1194	254	131	1354
Window. Casement.....	I. Wroblewski.....	851,725	Apr. 30	6066	1267	127	3269
Window. Casement.....	I. Wroblewski.....	852,485	May 7	199	36	128	58
Window. Casement.....	I. Wroblewski.....	860,006	July 16	2623	712	129	932
Window. Casement.....	I. Wroblewski. (Reissue).....	12,699	Oct. 1	512	146-7	130	1472

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
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Window. Casement.	J. H. Hiltz and J. B. Smith.	873,045	Dec. 10	1562	327	131	1442
Window-catch.	C. A. Hammar and A. Brickman.	853,358	May 14	2018	417	128	550
Window-catch.	C. Tong.	868,036	Oct. 15	1302	361	130	1755
Window-chair. Adjustable.	D. S. Leger.	844,148	Feb. 12	2549	546	126	2463
Window-cleaner.	T. Urban.	844,700	Feb. 19	3946	836	126	2842
Window-cleaner.	W. Mable.	847,486	Mar. 19	3538	774	127	951
Window-cleaner.	M. S. Heabler.	853,783	May 14	2851	586	128	767
Window-cleaner.	J. Deasy.	854,151	May 21	3632	750	128	996
Window-cleaner.	C. C. McCracken.	856,287	June 11	1643	341	128	2143
Window-cleaner.	J. Grossgebauer.	869,080	Oct. 22	2945	811	130	2287
Window-cleaner.	B. A. Hill.	869,842	Oct. 29	4143	1144	130	2679
Window-cleaner.	F. S. and L. Thomas.	870,482	Nov. 5	961	263	131	312
Window-cleaning device.	R. J. Clarke.	849,204	Apr. 2	1191	241	127	1893
Window-cleaning device.	H. E. Walter.	857,263	June 18	3540	749-50	128	2663
Window-cleaning device.	F. J. Jackson.	863,996	Aug. 20	2949	812	129	3066
Window-closing device. Automatic.	J. F. Ruth.	874,900	Dec. 24	5277	1111	131	2117
Window-closure. Automatic.	T. Lee.	875,084	Dec. 31	5700	1189	131	2204
Window construction.	R. E. Turnbull.	869,466	Oct. 29	3558	975	130	2505
Window construction.	E. M. Erb.	871,216	Nov. 19	2222	587	131	737
Window construction. Metallic.	E. H. Lunken and C. M. Conklin.	871,127	Nov. 19	2027	551-3	131	708
Window construction. Metallic.	E. H. Lunken and C. M. Conklin.	871,228	Nov. 19	2240	592	131	741
Window construction. Metallic.	E. H. Lunken and C. M. Conklin.	871,715	Nov. 19	3250	805	131	901
Window corner-post.	C. S. Thorne.	858,547	July 2	307	77	129	109
Window. Detachable bay.	L. G. Quackenboss.	854,055	May 21	3433	708-9	128	947
Window-dressing device.	E. T. O'Kane.	868,690	Oct. 22	2350	651	130	2104
Window-fastener.	J. W. Lyon.	853,020	May 7	1337	279	128	339
Window-fastener.	C. Tait.	860,769	July 23	3780	1037	129	1343
Window-fastener.	C. Tait.	860,770	July 23	3781	1037	129	1343
Window-fastener.	M. Morrison.	871,727	Nov. 19	3272	810	131	904
Window-fastener.	H. L. Hammond.	874,586	Dec. 24	4678	983	131	2016
Window-fastener. Self-locking.	J. I. Moss.	852,517	May 7	276	51	128	76
Window fastener. Storm.	E. C. Richards.	855,259	May 28	5817	1213	128	1583
Window fastener. Storm.	G. B. Lee.	871,759	Nov. 19	3346	823	131	915
Window fastener. Storm.	W. Bourque.	873,834	Dec. 17	3130	666	131	1737
Window-fastening.	A. Martineau.	861,301	July 30	4620	1263	129	1653
Window-frame.	E. Bauer.	851,271	Apr. 23	5136	1081	127	3004
Window frame and sash.	A. J. Gobeil.	845,298	Feb. 26	5143	1091-2	126	3187
Window frame and sash.	W. H. Barry.	856,017	June 4	1102	229	128	1973
Window-frame for flexible curtains.	F. J. Newman.	856,542	June 11	2173	447	128	2277
Window-frame. Metallic.	E. G. Budd.	861,573	July 30	5059	1388	129	1791
Window-frame. Metallic.	W. J. Henry.	867,369	Oct. 1	221	63	130	1380
Window-frame pockets. Lock for the closures of.	C. F. Smith.	870,476	Nov. 5	956	261	131	310
Window-glasses and for preventing them from freezing. Device for cleaning frozen.	C. J. Schultz.	842,979	Feb. 5	268	59	126	1857
Window holding and antirattling device.	J. B. Hunt.	853,697	May 14	2680	552	128	723
Window. Horizontally-pivoted.	F. C. Wagner and F. G. Koch.	849,585	Apr. 9	1933	396	127	2116
Window-jack.	J. S. Hawley.	846,203	Mar. 5	978	208	127	248
Window-lifter.	N. R. Evans.	843,881	Feb. 12	2055	440	126	2341
Window-lock.	A. Z. Stewart.	847,127	Mar. 12	2808	620	127	739
Window-locking mechanism. Swinging.	C. M. Conklin and E. H. Lunken.	871,206	Nov. 19	2201	583	131	734
Window. Metallic.	W. E. Zahner.	865,286	Sept. 3	801	230-1	130	241
Window-opener.	J. H. Cartland and J. Lilly.	868,409	Oct. 15	1878	527	130	1924
Window-operating mechanism. Multiple.	A. G. Pitz.	842,838	Jan. 29	6235	1315-16	126	1732
Window-operating mechanism. Ventilating.	S. E. Cibulas.	874,164	Dec. 17	381 ²⁰	805	131	1844
Window-pane fastener.	J. H. Finefrock.	859,443	July 9	1743	465	129	618
Window-pane fastener.	J. Giardino.	871,267	Nov. 19	2330	608	131	755
Window-pane fastening.	M. A. Olson.	872,192	Nov. 26	4303	1027	131	1090
Window-platform. Adjustable.	C. E. Balbach.	860,073	July 16	2720	741	129	964
Window. Reversible.	H. J. Oliver.	857,826	June 25	4644	985	128	2972
Window. Reversible.	D. E. Hipolito.	865,340	Sept. 3	894	256	130	271
Window. Reversible folding-sash.	A. F. Johnson.	845,418	Feb. 26	5370	1139	126	3241
Window. Sash.	P. Kupelwieser.	846,573	Mar. 12	1732	382	127	469
Window-screen.	H. J. Hauser.	844,867	Feb. 19	4282	913	126	2929
Window-screen.	W. Seibt.	846,955	Mar. 12	2492	549	127	663
Window-screen.	E. L. Lloyd.	850,026	Apr. 9	2698	567	127	2308
Window-screen.	A. G. Tidd and S. Cook.	852,147	Apr. 30	6942	1450	127	3491
Window-screen.	W. Kemmerling.	855,250	May 28	5805	1210	128	1580
Window-screen.	C. W. Rodecker.	857,759	June 25	4514	952	128	2939
Window-screen.	S. E. Snedeker.	858,917	July 2	947	246	129	325
Window-screen.	B. Worthington.	860,005	July 16	2621	712	129	932
Window-screen.	J. Stork.	861,059	July 23	4239	1161	129	1491
Window-screen.	B. C. Rockwell.	862,200	Aug. 6	143	40	129	2129
Window-screen.	J. Nye.	862,989	Aug. 13	1429	389	129	2558
Window-screen.	H. Wright.	869,470	Oct. 29	3566	977	130	2507
Window-screen.	A. A. Day.	869,693	Oct. 29	3930	1083	130	2617
Window-screen.	A. B. Arcander.	871,661	Nov. 19	3162	784	131	884
Window-screen.	E. Feighery.	871,679	Nov. 19	3191	791	131	890
Window-screen.	E. Feighery.	871,754	Nov. 19	3336	821	131	913
Window-screen.	F. J. Boehl.	872,891	Dec. 3	1209	257	131	1356
Window-screen.	C. H. McGee.	875,552	Dec. 31	6599	1379	131	2352
Window-screen. Adjustable.	W. B. Phillips.	842,243	Jan. 29	4944	1054	126	1405
Window-screen. Adjustable roller.	A. J. Baker.	843,061	Feb. 5	435	94	126	1904
Window-screen and the like.	J. F. and L. F. Buck.	853,862	May 14	3020	620	128	806
Window-screen. Extension.	H. G. Foster.	875,573	Dec. 31	6636	1388	131	2359
Window-screen. Metal-frame.	A. A. Day.	840,689	Jan. 8	1806	398	126	506
Window-screen. Metal-frame.	A. A. Day.	862,813	Aug. 6	1177	317	129	2443
Window-screen. Metallic-framed.	S. W. Benson.	864,224	Aug. 27	3304	915-16	129	3205
Window-screen. Rolling.	B. Steinman.	870,393	Nov. 5	838	222	131	276
Window-screen. Safety.	M. G. Crosby.	851,498	Apr. 23	5575	1168	127	3113
Window-sill. Metallic.	W. Corbett.	855,696	June 4	483	101	128	1819
Window-sill. Weatherproof.	P. L. Hedberg.	854,889	May 28	5088	1058	128	1399
Window-stop.	W. A. Heartt.	848,303	Mar. 26	5198	1134	127	1400
Window-supporting attachment.	O. A. Eschholz, H. Weber, and K. H. Wollmann.	852,172	Apr. 30	6986	1458	127	3504
Window-swinging device.	G. H. Parker.	857,103	June 18	3245	682	128	2588
Window. Teller's.	E. Liberty.	848,755	Apr. 2	264	53-4	127	1654

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Window. Teller's	E. Liberty	848,756	Apr. 2	268	54	127	1655
Window-tent	W. E. Walsh	840,975	Jan. 8	2370	520	126	646
Window-tent	W. E. Walsh	840,976	Jan. 8	2373	520	126	646
Window-tent	W. E. Walsh	873,971	Dec. 17	3386	721	131	1782
Window-tightener	J. M. Haddock	869,631	Oct. 29	3830	1048	130	2587
Window-ventilator	M. H. Berry	846,721	Mar. 12	2005	441-2	127	539
Window-ventilator	M. H. Berry	846,722	Mar. 12	2008	442	127	540
Window-ventilator	E. R. Foerster	847,929	Mar. 19	4472	981	127	1181
Window-ventilator	J. T. Glazier and C. C. Parker	854,033	May 21	3385	697	128	935
Window-ventilator	O. D. Lent	864,176	Aug. 27	3228	894	129	3179
Window-ventilator	A. S. Meek	864,792	Sept. 3	44	14	130	17
Window-ventilator	M. Townsend	872,979	Dec. 3	1379	290	131	1384
Window-ventilator	J. F. Sykes	875,300	Dec. 31	6108	1275	131	2272
Window-washing device	W. G. Himrod	864,741	Aug. 27	4135	1148	129	3463
Windows and other plane surfaces. Means for forming announcements on glass	E. G. Mitchell	846,043	Mar. 5	656	138	127	168
Windows. Device for removing frost, steam, &c., from	J. C. Harmer	840,769	Jan. 8	1969	435	126	546
Windows. Pneumatic system for control of	J. B. McKeown	864,551	Aug. 27	3838	1064	129	3373
Windows. Rain guard or hood for	A. P. Chute	846,980	Mar. 12	2538	559	127	676
Windows. Weatherproof fitting for	W. Nicol	865,204	Sept. 3	673	192	130	204
Windowing attachments. Bunching device for	W. Gaterman	874,399	Dec. 24	4303	906	131	1955
Wines and spirits and sterilizing liquids. Ameliorating	V. Dorn	855,449	June 4	20	5	128	1700
Wines from grapes. Producing sparkling	L. Scherzer	853,037	May 7	1370	-----	128	348
Wing-operating mechanism	E. M. Hartman	841,394	Jan. 15	3232	697	126	910
Wiping-strip and making same	C. S. Clark	869,418	Oct. 29	3479	955	130	2479
Wire and wood slats. Machine for weaving	T. F. Hagerty	869,705	Oct. 29	3944	1087-8	130	2620
Wire attachment. Ground-burner	C. L. Tichenor and C. D. Stone	849,939	Apr. 9	2569	532	127	2278
Wire. Barbed	D. C. Smith	853,938	May 14	3193	654	128	849
Wire-barbing machine	P. W. and J. W. Sommer	870,057	Nov. 5	288	79-80	131	98
Wire belt or rope. Flat	J. Kast	841,154	Jan. 15	2761	603	126	791
Wire cables. Splicing	F. Seperak	856,493	June 11	2082	428	128	2255
Wire chair	J. Salomon	866,072	Sept. 17	2070	577-8	130	705
Wire-clamp	J. Bowers	856,512	June 11	2116	434	128	2264
Wire-clamp	G. L. Carter	858,952	July 2	1001	262	129	343
Wire-clamp	W. P. Sullivan	859,468	July 9	1776	476	129	629
Wire-clamp	O. E. Lewis	862,082	July 30	5836	1619	129	2028
Wire clip	C. W. Sponsel	865,956	Sept. 10	1875	526	130	617
Wire-cloth fabric	M. W. Floto	842,310	Jan. 29	5080	1082	126	1440
Wire-cloth reel	K. Mehaffey	857,089	June 18	3222	677	128	2581
Wire-cloth supporting and measuring apparatus	W. W. March	848,562	Mar. 26	5679	1243	127	1518
Wire-coiling apparatus	F. H. Daniels	854,809	May 28	4897	1017	128	1348
Wire-coiling machine	R. L. Horsley	870,237	Nov. 5	573	154	131	188
Wire-coiling machine	R. L. Horsley	870,514	Nov. 5	1010	275	131	326
Wire-coiling-machine reel	G. B. Smith	864,342	Aug. 27	3475	967	129	3256
Wire-connecting device	L. Morgan	842,325	Jan. 29	5115	1087	126	1450
Wire-connector	J. S. Tucker	852,148	Apr. 30	6944	1450	127	3492
Wire-coupling	W. Hofmann	849,612	Apr. 9	1975	404	127	2126
Wire-coupling	P. W. Hutchens	861,728	July 30	5287	1454	129	1858
Wire-covering machine	C. E. Hadley	859,216	July 9	1390	370-1	129	499
Wire-crimping machine	J. L. Alley	873,200	Dec. 10	1859	390	131	1492
Wire-cutter	G. E. Sulteen	846,629	Mar. 12	1859	408	127	504
Wire-drawing apparatus	G. A. Paaf	840,707	Jan. 8	1849	407	126	518
Wire-drawing machine	W. J. Herald	845,462	Feb. 26	5470	1158	126	3267
Wire-drawing machine. Multiple	V. F. Bruce and H. S. Bjuhr	863,149	Aug. 13	1697	456	129	2644
Wire-drawing machines. Driving mechanism for drawing-through drums of	W. Carter and E. Hodgson	865,679	Sept. 10	1439	408	130	468
Wire fabric	L. Swank	841,194	Jan. 15	2820	615	126	806
Wire fabric	H. E. Laughlin	844,681	Feb. 19	3907	826	126	2832
Wire fabric	A. F. Backlin	868,244	Oct. 15	1603	454	130	1845
Wire-fabric blank	W. C. Willets	873,195	Dec. 10	1852	388	131	1490
Wire fabric. Loom for making	G. Giussani	843,529	Feb. 5	1387	292-3	126	2140
Wire-fabric-weaving machine	G. A. Raymond	843,299	Feb. 5	951	192-5	126	2032
Wire fabrics. Machine for the manufacture of	G. H. Smith	862,356	Aug. 6	401	110-11	129	2208
Wire-fastener	L. R. Peeples	869,458	Oct. 29	3545	972	130	2500
Wire-fastener	S. Wilburn and T. E. Smith	874,552	Dec. 24	4615	970	131	2004
Wire-feeding device	W. P. Randall	864,860	Sept. 3	153	43	130	41
Wire-forming machine	W. H. Merkel	869,006	Oct. 22	2824	781	130	2253
Wire-grip	H. T. McClean	842,329	Jan. 29	5130	1090	126	1454
Wire-grip	V. W. White	843,921	Feb. 12	2140	457	126	2364
Wire-holder	S. J. Brund	862,444	Aug. 6	572	151	129	2268
Wire-holder	N. L. Wine	867,629	Oct. 8	620	175	130	1524
Wire-knotting machine	E. A. Hoefler	854,354	May 21	4004	827-8	128	1097
Wire-locking device. Cross-	A. Heim	865,305	Sept. 3	831	240	130	252
Wire machine. Barbed	D. C. Smith	853,604	May 14	2478	516-17	128	669
Wire. Machine for covering bundles of	G. F. and G. M. Wright	857,141	June 18	3309	697-8	128	2604
Wire molding-receptacle. Three-	J. S. Stewart	867,440	Oct. 1	314	91-2	130	1411
Wire multiple system. Three-	C. S. Winston	874,147	Dec. 17	3785	798	131	1839
Wire-netting machines. Cop and cop-holder for	E. A. Barlow	875,404	Dec. 31	6321	1318	131	2305
Wire or other material. Machine for feeding and cutting	W. W. McCallip	862,185	Aug. 6	118	32-3	129	2120
Wire-payout reel	J. P. Delphoy	865,482	Sept. 10	1128	320	130	379
Wire-pointing machine	J. P. Famous	844,109	Feb. 12	2476	531	126	2444
Wire-reel	O. H. Juvé	843,213	Feb. 5	773	159	126	1991
Wire-reel	C. W. Stark	854,117	May 21	3569	736-7	128	980
Wire-reel	M. J. Weirich	856,322	June 11	1720	357-8	128	2163
Wire-reel	B. F. Wasson	875,476	Dec. 31	6461	1350	131	2329
Wire-reel guide	O. H. Juvé	843,214	Feb. 5	775	159	126	1991
Wire-rod-treating apparatus	F. H. Daniels	854,807	May 28	4893	1016	128	1347
Wire rods. Manufacture of	F. H. Daniels	854,810	May 28	4898	1017-19	128	1348
Wire rods. Treatment of	F. H. Daniels	854,808	May 28	4894	1017	128	1347
Wire-roller	J. H. Bauman	875,492	Dec. 31	6487	1354	131	2334
Wire rope	A. B. Allan	861,230	July 23	4491	1231	129	1576
Wire-rope-cleaning apparatus	J. M. Wright	856,614	June 11	2330	478-9	128	2318

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Wire ropes, rods, &c. Means for gripping and coupling.	J. Moss	874,417	Dec. 24	4343	913	131	1962
Wire screen. Adjustable	A. J. Wikander and F. Johanson	844,571	Feb. 19	3700	777-8	126	2781
Wire-splicer	E. Bowman	852,216	Apr. 30	7069	1477	127	3525
Wire-splicer	G. H. Goughnour	868,178	Oct. 15	1493	423	130	1811
Wire-spring fabric	A. G. Cameron	857,156	June 18	3339	704	128	2611
Wire-straightener	N. S. Harter	872,346	Dec. 3	57	11	131	1177
Wire-stretcher	A. Miller	840,080	Jan. 1	583	126	126	155
Wire-stretcher	Z. A. Curtis	842,866	Feb. 5	51	12	126	1802
Wire-stretcher	C. E. Logan	843,404	Feb. 5	1122	234	126	2073
Wire-stretcher	C. S. Hemenway and F. M. Thomson	843,603	Feb. 12	1536	325	126	2209
Wire-stretcher	O. C. A. Schvien	844,194	Feb. 12	2642	566	126	2486
Wire-stretcher	J. G. Dietrich	844,263	Feb. 12	2806	598	126	2529
Wire-stretcher	H. L. Ferris	844,718	Feb. 19	3992	849	126	2853
Wire-stretcher	O. E. Lewis	845,102	Feb. 26	4745	1007	126	3086
Wire-stretcher	H. S. and M. D. Harris	849,234	Apr. 2	1242	252	127	1906
Wire-stretcher	C. P. Moore	849,910	Apr. 9	2523	521	127	2267
Wire-stretcher	P. L. Martin	851,178	Apr. 23	4935	1038	127	2956
Wire-stretcher	F. H. Lamb	851,529	Apr. 23	5637	1180	127	3130
Wire-stretcher	F. W. Reichert	853,734	May 14	2766	569	128	745
Wire-stretcher	J. R. Hamilton	854,089	May 21	3512	725	128	968
Wire-stretcher	R. B. Hartin	855,632	June 4	360	74	128	1786
Wire-stretcher	D. R. Clark	857,444	June 18	3874	823	128	2744
Wire-stretcher	F. B. Werner	858,240	June 25	5487	1170	128	3186
Wire-stretcher	M. E. Johnson	860,139	July 16	2808	766	129	994
Wire-stretcher	C. Gregory	860,742	July 23	3736	1024	129	1329
Wire-stretcher	U. G. Sperry	860,837	July 23	3879	1062	129	1377
Wire-stretcher	J. W. Guill	862,902	Aug. 13	1306	355	129	2518
Wire-stretcher	L. A. Butts	865,079	Sept. 3	497	137	130	151
Wire-stretcher	J. A. Clements	868,645	Oct. 22	2270	629	130	2078
Wire-stretcher	G. H. Weyant	869,402	Oct. 29	3455	948-9	130	2473
Wire-stretcher	W. A. Vanderwilt	870,808	Nov. 12	1496	408	131	519
Wire-stretcher	D. C. Pullins	872,198	Nov. 26	4321	1032	131	1092
Wire-stretcher	J. B. Crockett	872,558	Dec. 3	518	108	131	1247
Wire-stretcher	D. A. Vandevort	872,699	Dec. 3	796	166	131	1294
Wire-stretcher	R. G. Larzelere	873,562	Dec. 10	2578	543	131	1613
Wire stretcher and fastener. Combined	F. P. Moore	849,256	Apr. 2	1281	259-60	127	1915
Wire stretcher and splicer	J. Sanders	857,489	June 18	3970	843	128	2770
Wire stretcher and splicer	G. W. Riker	863,647	Aug. 20	2440	670	129	2907
Wire-stretchers. Anchoring device for	J. A. Clements	868,643	Oct. 22	2268	628	130	2077
Wire stretching and twisting apparatus	S. E. Bunton	847,158	Mar. 12	2866	631	127	754
Wire-stretching tool	J. L. Scott	874,253	Dec. 17	4002	845	131	1875
Wire-stripping machine	H. E. McKenna	843,353	Feb. 5	1045	215	126	2053
Wire-support	L. Steinberger	868,368	Oct. 15	1814	510	130	1908
Wire support and insulator. Conducting-	H. W. Wistner	870,486	Nov. 5	965	264	131	313
Wire to other objects. Means for securing	E. P. Lehmann	841,989	Jan. 22	4408	950	126	1240
Wire-tucker	L. Morgan	842,326	Jan. 29	5117	1088	126	1450
Wire twisting and cutting tool	H. W. Struss	861,915	July 30	5574	1540	129	1945
Wire-twisting device	J. D. Bourne	860,722	July 23	3710	1016	129	1321
Wire-uncoiling device	J. D. Bourne	856,761	June 11	2597	533	128	2387
Wire-winding apparatus	J. H. Brown	850,993	Apr. 23	4568	957-8	127	2863
Wire-winding machine	G. W. Standif	854,541	May 21	4350	900-1	128	1181
Wire-winding tool	H. J. Hjorth	861,283	July 30	4598	1256	129	1646
Wire-working machine	J. G. Smith	856,307	June 11	1690	350-1	128	2156
Wire-working machine	W. D. Middlebrook	869,007	Oct. 22	2836	781-2	130	2254
Wire-working tool	M. Hays	852,836	May 7	946	194	128	241
Wire-working tool	J. F. Dixon	854,811	May 28	4900	1019	128	1348
Wire-working tool	J. J. Albert	855,741	June 4	582	119	128	1845
Wires and the like. Apparatus for straining	C. Burton	867,241	Oct. 1	18	6	130	132
Wires or filaments. Making refractory metallic	H. C. Parker and W. G. Clark	840,246	Jan. 1	921	202	126	250
Wires or other cores with fibrous material. Apparatus used in covering	F. Hutchins	856,878	June 11	2798	583-4	128	2435
Wires. Ring for connecting	R. E. Noble	845,252	Feb. 26	5030	1070	126	3158
Wireless communication	G. W. Pickard	842,910	Feb. 5	138	31	126	1825
Wireless transmission of sonorous vibrations	F. J. McCarty	867,895	Oct. 8	1031	293	130	1647
Wireless transmission of sonorous vibrations	F. J. McCarty	867,896	Oct. 8	1032	293	130	1647
Wood and making same. Preserved	C. Ellis	871,392	Nov. 19	2623	.....	131	798
Wood. Apparatus for extracting by-products from	T. Newnham	848,484	Mar. 26	5539	1207	127	1483
Wood. Apparatus for making imitation	W. N. Cornell	854,149	May 21	3629	750	128	995
Wood cleaning and polishing compound	C. J. Barrepohl	847,226	Mar. 12	3008	.....	127	790
Wood covering or facing	H. Romünder	848,690	Apr. 2	140	30	127	1623
Wood-dressing machine	W. M. Luther	843,222	Feb. 5	789	162	126	1995
Wood. Extracting products from	F. Pope	852,078	Apr. 30	6803	1417	127	3458
Wood-filling composition	J. R. Fitzgerald	842,190	Jan. 29	4839	.....	126	1380
Wood-graining machine	C. W. Munz	846,131	Mar. 5	854	178	127	217
Wood-grooving machine	R. S. Allan	848,797	Apr. 2	367	73	127	1682
Wood, &c. Impregnating	M. Riping. (Reissue)	12,707	Oct. 22	3152	.....	130	2352
Wood or other substances. Apparatus for impregnating	B. Kuckuck	866,487	Sept. 17	2662	744	130	895
Wood-ornamenting machine	E. C. Dittmar	841,672	Jan. 22	3759	817	126	1078
Wood-polishing machine	O. Dander	871,111	Nov. 19	1994	543	131	703
Wood. Preserving	S. W. Labrot	862,488	Aug. 6	653	.....	129	2291
Wood-preserving apparatus	P. G. Burns	864,092	Aug. 20	3090	853-5	129	3109
Wood product	W. D. Craig	860,853	July 23	3902	1070	129	1384
Wood products. Making artificial	W. Siegmann	866,691	Sept. 24	2971	.....	130	1019
Wood saturating and coating apparatus	J. J. Byers	858,950	July 2	999	261	129	342
Wood-shaving tool	C. Swan	852,470	May 7	175	31	128	53
Wood-splitting machine	P. Eckenroth, Jr.	873,418	Dec. 10	2293	478-9	131	1565
Wood substitute	F. Schnell	848,133	Mar. 26	4870	.....	127	1315
Wood-trimming machine	C. E. Brown and W. J. Gibbs	873,837	Dec. 17	3141	669	131	1738
Wood. Waterproof uniting pieces of	C. Wittkowsky	855,870	June 4	832	172	128	1904
Wood with paraffin. Method of and apparatus for treating	F. Binks	860,079	July 16	2728	743-4	129	967
Woodworker's bench-clamp	F. Helm	840,012	Jan. 8	2442	533	126	663
Woodworking-machine	F. W. Greene	840,315	Jan. 1	1057	231	126	282
Woodworking-machine	J. Reid	857,757	June 25	4509	951-2	128	2938

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Woodworking-machine.....	C. F. Stewart.....	859,262	July 9	1462	390	129	526
Woodworking-machine.....	J. W. Johnson.....	860,872	July 23	3934	1078	129	1394
Woodworking-machine.....	D. S. Courtney.....	875,328	Dec. 31	6177	1287	131	2280
Woodworking-machines. Rotary cutter for.....	C. Karpp.....	849,794	Apr. 9	2305	473	127	2210
Woodworking-machines. Saw or cutter guard for.....	E. W. A. Holtz and A. Dick.....	854,355	May 21	4006	828-9	128	1097
Woodworking-machines. Vertical-spindle mounting for.....	A. Mayer.....	853,104	May 7	1477	308	128	373
Woodworking-tool.....	N. H. Devers.....	854,725	May 28	4730	983-4	128	1306
Woodworking-tool.....	J. S. Clare and P. Johnston.....	864,122	Aug. 20	3143	870	129	3125
Wool evening and drawing machine.....	V. S. Westcott and F. W. Potter.....	874,715	Dec. 24	4942	1038-9	131	2059
Wool-scouring machine.....	W. O. Milne.....	854,372	May 21	4036	834	128	1105
Wool washing and cleansing apparatus. Electric.....	G. D. Burton.....	854,028	May 21	3377	695-6	128	933
Wool-washing machine.....	W. McNaught.....	871,433	Nov. 19	2718	687	131	811
Wool-washing machine.....	F. G. Sargent.....	872,020	Nov. 26	3961	952	131	1033
Work-bench. Portable.....	H. Rosenbaum.....	869,461	Oct. 29	3551	973	130	2503
Work-box.....	F. T. Howe.....	855,635	June 4	364	75	128	1787
Work-box.....	J. J. Sherman, Jr.....	858,831	July 2	823	214	129	285
Work-gage.....	F. M., R. W., and H. W. Chapman.....	857,443	June 18	3873	823	128	2744
Work-guiding device.....	W. Wilson.....	847,714	Mar. 19	4014	877	127	1073
Work-holder.....	A. E. Booth.....	856,022	June 4	1112	231	128	1976
Work-holder.....	M. M. O. Dillman and M. L. Auger.....	866,195	Sept. 17	2241	625	130	761
Work-holder. Magnetic.....	W. N. Vance.....	843,312	Feb. 5	977	200	126	2037
Work-holding means.....	O. Pearson.....	866,678	Sept. 24	2955	837	130	1014
Work-locating indicator.....	T. L. Dennis, Jr., and A. C. Lindholm.....	869,483	Oct. 29	3584	982-3	130	2512
Work-stand. Lady's.....	L. Rodeen.....	865,801	Sept. 10	1620	459	130	526
Work-support or bed. Hollow.....	H. A. Holder.....	845,640	Feb. 26	5795	1225	126	3346
Wort. Cooling.....	H. E. Deckebach.....	841,126	Jan. 15	2708	592	126	778
Woven fabric.....	J. E. Kerr.....	854,220	May 21	3766	779	128	1033
Woven fabric.....	W. M. Stevenson.....	856,925	June 11	2886	604	128	2456
Woven fabric.....	V. H. Jennings.....	859,067	July 2	1169	315	129	395
Woven fabric.....	W. L. Turner.....	860,708	July 23	3690	1010	129	1315
Woven fabric.....	J. K. Dalkranian.....	862,056	July 30	5768	1602	129	2006
Woven fabric.....	W. M. Stevenson.....	870,697	Nov. 12	1306	357	131	459
Woven fabric and weaving the same.....	J. L. Poalk.....	865,974	Sept. 10	1904	533	130	625
Woven fabric to imitate leaded stained glass windows.....	W. L. Turner.....	860,707	July 23	3689	1010	129	1314
Wrapper cutting and registering apparatus.....	J. H. Brady.....	854,022	May 21	3360	691	128	930
Wrapper cutting and transferring mechanism.....	O. Hammerstein.....	861,835	July 30	5464	1507	129	1912
Wrapper for metal sheets.....	H. E. Marks.....	874,779	Dec. 24	5054	1065	131	2080
Wrappers around rectangular tablets. Machine for folding.....	F. Grover.....	860,539	July 16	3400	934-5	129	1188
Wrapping and addressing machine.....	S. E. Farnham.....	868,258	Oct. 15	1623	458-9	130	1852
Wrapping device. Package.....	J. D. Coughlin.....	871,985	Nov. 26	3876	937	131	1022
Wrapping-machine.....	A. H. Potbury.....	842,114	Jan. 22	4642	996-8	126	1296
Wrapping-machine.....	M. H. Ballard.....	851,214	Apr. 23	5006	1053	127	2972
Wrapping-machine.....	J. J. Sullivan.....	851,907	Apr. 30	6417	1340-1	127	3361
Wrapping-machine.....	J. H. Brady.....	854,021	May 21	3353	689-91	128	928
Wrapping-machine.....	J. H. Brady.....	854,023	May 21	3363	692-3	128	931
Wrapping-machine.....	J. N. Jacobsen.....	857,466	June 18	3914	832-3	128	2755
Wrapping-machine.....	G. T. Warwick.....	858,044	June 25	5102	1081-2	128	3085
Wrapping-machine.....	M. H. Ballard.....	859,190	July 9	1354	359	129	487
Wrapping-machine.....	L. C. Wing.....	860,176	July 16	2856	779-81	129	1010
Wrapping-machine.....	F. P. Lopez and J. P. Zamora.....	865,408	Sept. 10	1003	287-8	130	334
Wrapping-machine.....	J. M. Patterson.....	869,388	Oct. 29	3422	941-3	130	2462
Wrapping-machine.....	J. M. Patterson.....	869,389	Oct. 29	3426	943	130	2463
Wrapping-machine.....	S. E. Farnham.....	870,501	Nov. 5	986	270	131	319
Wrapping-machine.....	J. M. Patterson.....	874,620	Dec. 24	4742	997-8	131	2028
Wrapping-machine. Article.....	J. A. Keyes.....	852,961	May 7	1209	249-50	128	307
Wrapping-machine feeding and cutting attachment.....	D. T. Igou.....	852,663	May 7	585	111-12	128	152
Wrapping-machine. Merchandise.....	T. Adams.....	866,902	Sept. 24	3287	926-8	130	1125
Wrapping-machine paper-feeding device.....	M. H. Ballard.....	847,393	Mar. 19	3357	735	127	905
Wrapping-machines. Paper-cutting device for.....	M. H. Ballard.....	859,537	July 9	1880	505	129	662
Wrapping oranges and other spherical objects. Machine for.....	G. T. Warwick.....	867,176	Sept. 24	3724	1053-4	130	1263
Wrecking appliance.....	E. Lovley.....	856,713	June 11	2510	516	128	2364
Wrecking device.....	F. Oliver.....	853,596	May 21	4455	927	128	1207
Wrench:							
See Adjustable wrench.....	Nut-wrench.....						
Buggy-wrench.....	Nut and pipe wrench.....						
Chain wrench.....	Pipe-wrench.....						
Combination-wrench.....	Pipe and monkey wrench.....						
Cylinder-wrench.....							
Double-ended wrench.....	Pipe and nut wrench.....						
Engineer's wrench.....	Ratchet-wrench.....						
Hub-wrench.....	Screw-wrench.....						
Jar-wrench.....	Self-adjusting wrench.....						
Jaw-wrench.....	Socket-wrench.....						
Machine-wrench.....	Spanner-wrench.....						
Monkey-wrench.....	Universal wrench.....						
Wrench.....	J. W. Hielscher.....	840,329	Jan. 1	1084	236	126	290
Wrench.....	R. H. Anderson.....	840,415	Jan. 1	1268	277	126	332
Wrench.....	J. M. Justen.....	840,496	Jan. 8	1440	317	126	414
Wrench.....	H. D. Aupke.....	840,549	Jan. 8	1541	340	126	439
Wrench.....	T. W. Harber.....	840,564	Jan. 8	1584	348	126	449
Wrench.....	S. R. Griffin.....	840,842	Jan. 8	2103	465	126	578
Wrench.....	J. C. Dufresne.....	841,000	Jan. 8	2419	529	126	657
Wrench.....	O. B. Jordan.....	841,018	Jan. 8	2469	538	126	672
Wrench.....	C. R. Rawdon.....	841,047	Jan. 8	2519	550	126	685
Wrench.....	R. H. Legg.....	841,549	Jan. 15	3515	760	126	985
Wrench.....	J. N. Hatfield.....	841,686	Jan. 22	3799	827	126	1088
Wrench.....	F. H. Kanning.....	841,692	Jan. 22	3808	829	126	1091
Wrench.....	F. E. Walden.....	841,831	Jan. 22	4107	884	126	1170
Wrench.....	E. Lachèze.....	841,986	Jan. 22	4404	949	126	1239
Wrench.....	H. W. Hughes.....	843,274	Feb. 5	905	184	126	2021
Wrench.....	D. J. McOsker.....	844,176	Feb. 12	2601	557	126	2475

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Wrench	F. P. Morris	844,886	Feb. 19	4319	921	126	2938
Wrench	J. R. Young	844,905	Feb. 19	4351	929	126	2945
Wrench	A. S. Morange	844,954	Feb. 19	4426	945	126	2964
Wrench	W. L. Chrysler and J. W. Kays	845,030	Feb. 19	4587	976	126	3005
Wrench	J. MacLean	845,187	Feb. 26	4902	1039	126	3127
Wrench	J. H. Shepherd	845,588	Feb. 26	5683	1204	126	3319
Wrench	W. C. Blee	845,924	Mar. 5	415	84	127	107
Wrench	B. N. Lehman, F. Cook, and J. Robertson.	846,220	Mar. 5	1011	216	127	257
Wrench	F. Sprowls	846,360	Mar. 5	1271	279-80	127	320
Wrench	M. Forder	846,740	Mar. 12	2053	451	127	552
Wrench	J. E. Jenson	847,581	Mar. 19	3731	819	127	1004
Wrench	J. D. Daniel	847,916	Mar. 19	4448	974	127	1174
Wrench	J. H. Shepherd	848,058	Mar. 26	4745	1035	127	1285
Wrench	T. H. Lavier	849,248	Apr. 2	1267	257	127	1912
Wrench	S. P. Schneider	849,272	Apr. 2	1309	266	127	1922
Wrench	M. W. Thompson	849,439	Apr. 9	1623	329	127	2039
Wrench	G. Roach	849,813	Apr. 9	2334	479	127	2218
Wrench	N. W. Rasnick	850,315	Apr. 16	3265	680	127	2496
Wrench	C. D. Bradstreet	850,516	Apr. 16	3659	764	127	2596
Wrench	J. R. Hunt	850,756	Apr. 16	4119	862	127	2711
Wrench	C. M. C. Kirk	850,760	Apr. 16	4127	863	127	2713
Wrench	E. Huntley	850,869	Apr. 16	4342	910	127	2769
Wrench	M. Boyton	850,900	Apr. 23	4414	923	127	2828
Wrench	H. E. Morrill	851,428	Apr. 23	5446	1141	127	3085
Wrench	J. C. McQuikin	851,548	Apr. 23	5679	1189	127	3138
Wrench	J. F. Tiner	851,610	Apr. 23	5805	1213-14	127	3172
Wrench	D. C. Groves	851,881	Apr. 30	6376	1330	127	3350
Wrench	J. R. Eddy	852,171	Apr. 30	6985	1458	127	3504
Wrench	F. Haight	852,270	Apr. 30	7158	1500	127	3546
Wrench	H. W. De Graff	852,874	May 7	1034	214	128	263
Wrench	B. Mallett	853,102	May 7	1474	308	128	373
Wrench	F. A. Bucey	853,222	May 14	1729	359	128	470
Wrench	W. E. Ingram	853,244	May 14	1767	367	128	481
Wrench	J. Knowles	853,414	May 14	2105	439	128	572
Wrench	N. Smith	854,248	May 21	3822	789-90	128	1048
Wrench	N. W. Gudmundson	854,289	May 21	3896	803	128	1068
Wrench	G. H. Deeves	854,338	May 21	3976	821	128	1090
Wrench	F. McArthur	854,376	May 21	4043	835	128	1106
Wrench	G. K. Holbine	854,949	May 28	5185	1080	128	1424
Wrench	W. McGlone	855,014	May 28	5321	1105	128	1458
Wrench	J. B. Runner	855,135	May 28	5586	1162	128	1523
Wrench	J. M. Wallace	855,367	May 28	6003	1253	128	1630
Wrench	H. W. Simms	855,483	June 4	81	17	128	1715
Wrench	E. F. Smith	855,537	June 4	175	35-6	128	1738
Wrench	J. A. Scott	855,866	June 4	823	172	128	1902
Wrench	D. P. Kahle	855,891	June 4	868	180	128	1913
Wrench	F. C. Magenheimer	856,169	June 4	1386	292	128	2042
Wrench	G. H. Tatge	856,498	June 11	2089	429	128	2258
Wrench	F. H. Schall and M. Plunkett	856,660	June 11	2414	497	128	2339
Wrench	E. H. Derby	857,163	June 18	3355	708	128	2616
Wrench	E. H. Zanto	857,220	June 18	3463	730	128	2643
Wrench	O. M. Hansford	857,237	June 18	3489	737	128	2650
Wrench	G. A. McIntire	858,357	June 25	5724	1220	128	3250
Wrench	A. L. Moss	858,892	July 2	911	238	129	313
Wrench	A. L. Moss	858,894	July 2	913	239	129	314
Wrench	R. A. Smith	859,020	July 2	1105	294	129	377
Wrench	W. H. Gary	859,173	July 2	1327	353	129	447
Wrench	R. O. Daniel	859,922	July 16	2475	673	129	884
Wrench	T. T. Hurd	860,300	July 16	3041	833	129	1069
Wrench	J. F. Lynn	860,552	July 16	3420	940	129	1195
Wrench	V. Hansen	861,030	July 23	4201	1150	129	1479
Wrench	G. C. Ferguson	861,449	July 30	4879	1338	129	1732
Wrench	J. O. Lalonde	861,524	July 30	4973	1366	129	1762
Wrench	H. Kilby	861,863	July 30	5501	1519	129	1923
Wrench	C. S. Hemenway	862,332	Aug. 6	369	101	129	2199
Wrench	W. Godfrey	862,469	Aug. 6	615	164	129	2280
Wrench	W. F. Dinsmore	862,721	Aug. 6	1027	275	129	2399
Wrench	P. W. Osborn	862,750	Aug. 6	1078	290	129	2412
Wrench	D. H. Shipman	863,108	Aug. 13	1636	439	129	2625
Wrench	G. W. Angell	863,251	Aug. 13	1862	501	129	2695
Wrench	J. Patterson	863,433	Aug. 13	2107	568	129	2774
Wrench	M. A. Mulrony	863,551	Aug. 13	2280	622	129	2825
Wrench	J. W. Winkelried	863,564	Aug. 13	2295	628	129	2829
Wrench	N. Lyon	864,007	Aug. 20	2962	817	129	3070
Wrench	L. D. Carter	864,155	Aug. 27	3203	887	129	3171
Wrench	L. J. Eyth	864,521	Aug. 27	3773	1048	129	3354
Wrench	W. Bohn	864,604	Aug. 27	3930	1089	129	3400
Wrench	E. R. Breckel	864,607	Aug. 27	3934	1090	129	3401
Wrench	J. A. Losee	864,659	Aug. 27	4001	1111	129	3422
Wrench	C. S. Vaughn	864,710	Aug. 27	4086	1136	129	3449
Wrench	B. R. Beaver	864,721	Aug. 27	4108	1140	129	3456
Wrench	M. Schwendner	864,806	Sept. 3	63	18	130	222
Wrench	E. E. Scales	865,127	Sept. 3	556	155	130	169
Wrench	G. V. West	865,736	Sept. 10	1529	431	130	497
Wrench	W. B. Davis	865,766	Sept. 10	1573	444	130	512
Wrench	F. H. Sharar	866,077	Sept. 17	2078	579	130	708
Wrench	A. S. Morgan	866,295	Sept. 17	2392	666	130	811
Wrench	C. Beauchene	866,420	Sept. 17	2573	718	130	868
Wrench	E. H. Boaz	867,005	Sept. 24	3453	978	130	1179
Wrench	C. T. Holman	867,272	Oct. 1	64	19	130	1334
Wrench	G. P. Weichel	867,326	Oct. 1	145	43	130	1357
Wrench	R. Toward	867,450	Oct. 1	331	96	130	1417
Wrench	M. H. Hartman	867,504	Oct. 1	416	118	130	1445
Wrench	H. Fisher	868,176	Oct. 15	1491	422	130	1811
Wrench	L. Hermand	868,436	Oct. 15	1923	537	130	1940

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Invention.	Name.	No.	Date.	Monthly volume.		Official Gazette.	
				Spec.	Dr'g.	Vol.	Page.
Wrench.	D. J. Dawson and J. R. Strobach.	868,537	Oct. 15	2076	582	130	1988
Wrench.	C. V. Friend.	868,652	Oct. 22	2281	632	130	2081
Wrench.	C. L. Henderson.	868,858	Oct. 22	2606	720	130	2180
Wrench.	W. H. Whittemore.	868,954	Oct. 22	2754	760	130	2228
Wrench.	D. Mandl.	869,097	Oct. 22	2967	820	130	2294
Wrench.	H. C. Clark.	869,206	Oct. 22	3127	861	130	2344
Wrench.	J. H. Mills.	369,211	Oct. 22	3132	863	130	2346
Wrench.	C. H. Myers.	369,255	Oct. 29	3210	884	130	2397
Wrench.	J. F. Large.	369,406	Oct. 29	3605	980	130	2518
Wrench.	A. L. Shears.	869,527	Oct. 29	3655	1002	130	2534
Wrench.	E. H. Vanderslice.	869,670	Oct. 29	3895	1072	130	2605
Wrench.	A. S. Pearce.	859,802	Oct. 29	4084	1128	130	2661
Wrench.	T. G. and A. P. Harryman.	870,097	Nov. 5	341	96	131	113
Wrench.	B. R. Ward.	870,485	Nov. 5	964	264	131	313
Wrench.	G. B. Crispin and R. F. Wright.	870,862	Nov. 12	1574	433	131	542
Wrench.	E. A. Johnson.	870,886	Nov. 12	1615	442	131	555
Wrench.	J. Kelly.	871,415	Nov. 19	2673	681	131	805
Wrench.	F. Gehner.	871,690	Nov. 19	3211	795	131	893
Wrench.	O. H. Gentry.	872,117	Nov. 26	4162	995	131	1065
Wrench.	F. G. Anspach.	872,633	Dec. 3	661	138	131	1271
Wrench.	F. C. Miller.	872,955	Dec. 3	1339	283	131	1377
Wrench.	H. A. Paquette.	873,262	Dec. 10	1971	413	131	1511
Wrench.	H. Jeffrey.	873,437	Dec. 10	2322	487	131	1571
Wrench.	C. Ahern.	873,480	Dec. 10	2396	505	131	1586
Wrench.	J. W. Kline.	873,758	Dec. 17	2967	630	131	1712
Wrench.	F. Hachmann.	873,859	Dec. 17	3182	678	131	1746
Wrench.	E. R. Klemm.	873,868	Dec. 17	3196	681	131	1749
Wrench.	G. W. Jessop.	874,081	Dec. 17	3675	773	131	1818
Wrench.	W. Webb and W. W. Hildreth.	874,269	Dec. 17	4040	854	131	1880
Wrench.	H. P. Deckert.	874,742	Dec. 24	4994	1052	131	2068
Wrench.	E. Henry.	874,845	Dec. 24	5166	1088	131	2100
Wrench.	J. Losey.	874,853	Dec. 24	5184	1092	131	2103
Wrench.	M. Clevestine.	875,048	Dec. 31	5628	1175	131	2192
Wrench and can-opener. Combination.	W. A. Rich.	855,982	June 4	1048	217	128	1959
Wrench and pliers. Combination.	P. Cork and D. Naglee.	874,394	Dec. 24	4294	903	131	1954
Wrench for operating bushings.	J. P. Scheuer.	874,543	Dec. 24	4599	966	131	2001
Wrench or nut-jack.	W. H. Oliver.	865,519	Sept. 10	1190	339	130	391
Wrench-socket.	C. H. Myers.	867,205	Sept. 24	3777	1067	130	1278
Wrench, threading-die, and pipe-cutter. Combined.	B. I. Borsen.	853,761	May 14	2820	579-80	128	758
Wrenches. Adjusting means for monkey-	S. V. Rehart.	848,294	Mar. 26	4981	1089	127	1345
Wrenches. Pipe-jaw attachment to	J. R. Hill.	841,248	Jan. 15	2933	638	126	833
Wrenches. Socket-piece for.	W. H. Cowell.	851,068	Apr. 23	4709	991	127	2901
Wringer:							
<i>See</i> Clothes-wringer.	Towel-wringer.						
Mop-wringer.							
Wringer.	H. T. White.	864,397	Aug. 27	3558	989	129	3282
Wringer-clamp.	A. W. Walker.	863,679	Aug. 20	2475	683	129	2918
Wringer-tray and drip-board. Combined.	W. H. Voss.	874,266	Dec. 17	4037	853	131	1879
Wrist-protector.	M. Moss.	856,282	June 11	1628	338	128	2140
Writing a plurality of signatures or inscriptions.	W. R. Woodward.	861,417	July 30	4826	1324	129	1718
Means for simultaneously							
Writing a plurality of signatures or inscriptions.	J. S. Brand.	863,351	Aug. 13	1998	539	129	2739
Means for simultaneously							
Writing a plurality of signatures or inscriptions simultaneously. Means for	W. R. Woodward.	870,333	Nov. 5	726	196	131	237
Writing and sketching block, blotting-pad, &c.	J. Walker.	858,639	July 2	496	128	129	173
Writing apparatus.	C. J. F. Lange.	864,850	Sept. 3	139	38	130	44
Writing. Holder for manifold.	F. M. Turck.	861,228	July 23	4487	1230	129	1573
Writing-machine.	E. B. Hess.	839,995	Jan. 1	381	83	126	103
Writing-machine.	E. B. Hess.	856,869	June 11	2783	579-80	128	2431
Writing-machine.	E. B. Hess.	856,870	June 11	2785	580	128	2432
Writing-machine.	E. B. Hess.	858,179	June 25	5377	1144	128	3156
Writing-machine.	E. B. Hess.	858,284	June 25	5554	1187-8	128	3202
Writing-machine.	E. B. Hess.	858,343	June 25	5674	1212	128	3237
Writing-machine.	E. B. Hess.	861,978	July 30	5669	1573-4	129	1974
Writing-machine.	H. W. Enderis.	864,960	Sept. 3	315	84-5	130	100
Writing-machine.	E. B. Hess.	865,893	Sept. 10	1783	497	130	589
Writing-machine.	E. B. Hess.	874,892	Dec. 24	5257	1107-8	131	2114
Writing-machine.	E. B. Hess.	875,430	Dec. 31	6379	1329-30	131	2314
Writing-machine ribbon mechanism.	E. B. Hess.	859,294	July 9	1513	404-5	129	542
Wurtzilit or elaterite and producing fusible soluble products. Treating	W. F. Doerflinger and L. H. Buck.	864,836	Sept. 3	115		130	37
X-ray apparatus.	E. W. Caldwell.	847,728	Mar. 19	4039	883	127	1079
X-ray tube.	M. Ehrhardt.	842,875	Feb. 5	64	16	126	1906
Yarn and making same. Party-colored.	W. M. Stevenson.	852,356	Apr. 30	7312	1537	127	3584
Yarn-balling machine.	F. R. Denisthorpe and A. Chambers.	850,908	Apr. 23	4426	926	127	2831
Yarn. Device for forming balls from.	H. C. Clippinger.	862,389	Aug. 6	469	124-5	129	2234
Yarn or thread gassing machine.	F. Rivett and S. Oldham.	866,734	Sept. 24	3044	858	130	1051
Yarn-sizing and similar machines. Measuring and marking motion for use in connection with	W. H. Clegg.	870,416	Nov. 5	867	231	131	285
Yarn slug or bunch catcher.	T. J. Sands.	850,400	Apr. 16	3430	719	127	2538
Yarn spraying and conditioning apparatus.	G. and A. Wray.	846,373	Mar. 5	1293	284-5	127	325
Yarn-steaming tray.	W. E. Lyford.	858,086	June 25	5204	1103	128	3114
Yarns. Making worsted.	V. S. Westcott and F. W. Potter.	874,714	Dec. 24	4938	1057	131	2058
Yeast and preparing and utilizing the same	M. Wallerstein.	858,691	July 2	572		129	198
Yeast. Making.	C. H. Foit.	863,976	Aug. 20	2923		129	3058
Yeast. Manufacturing.	J. Blumer.	855,276	May 28	5848		128	1592
Yoke and yoke-screw.	C. T. Mapes.	854,512	May 21	4300	889	128	1169
Yoke. Animal.	P. W. Whelden.	854,973	May 28	5233	1090	128	1436
Yoke. Animal.	J. P. Shaw.	865,953	Sept. 10	1872	525	130	614
Yoke attachment for taking up vibrations. Neck-	L. Fields.	865,094	Sept. 3	515	142	130	156
Yoke attachment. Neck.	D. N. Luse.	842,791	Jan. 29	6148	1297	126	1711
Yoke attachment. Neck.	D. D. Nelson.	842,809	Jan. 29	6176	1304	126	1718
Yoke attachment. Neck.	J. J. O'Connell.	863,310	Aug. 13	1939	523	129	2718
Yoke Cattle.	G. J. Dean.	843,586	Feb. 12	1510	320	126	2203

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Yoke center. Neck-.....	E. C. Stillwell.....	862,212	Aug. 6	168	47	129	2136
Yoke-fastener.....	C. Melchert.....	872,244	Nov. 26	4419	1050	131	1107
Yoke for wire-carrying hooks.....	B. S. Downey.....	872,112	Nov. 26	4153	994	131	1064
Yoke. Neck-.....	E. F. Goben.....	859,760	July 9	2218	603	129	772
Yoke. Safety neck-.....	H. T. Hooker.....	848,826	Apr. 2	455	90	127	1702
Yokes. Shock-absorber for neck-.....	P. E. Breckheimer.....	875,146	Dec. 31	5815	1214	131	2224
Zinc and lead ores. Treating.....	J. Thelberg.....	851,187	Apr. 23	4951	1041	127	2960
Zinc and lead sulfid ores. Treating.....	A. H. Imbert.....	875,578	Dec. 31	6644	.....	131	2361
Zinc-blende by flotation. Separating.....	A. J. F. de Bavay.....	864,597	Aug. 27	3915	1086	129	3396
Zinc formaldehyde hydrosulfite. Making.....	H. Labhardt.....	871,600	Nov. 19	3061	.....	131	856
Zinc-lathe.....	R. S. Browne.....	874,486	Dec. 24	4464	941	131	1983
Zinc ores (calamins, oxids, silicates) by the precipitation process. Metallurgical method of treating oxidized	A. H. Imbert.....	875,580	Dec. 31	6650	.....	131	2361
Zinc ores. Reducing.....	C. G. P. de Laval.....	852,440	May 7	59	12	128	18
Zinc-retorts. Filling.....	J. D. James.....	851,668	Apr. 30	5943	1241	127	3237
Zinc skimmings. Utilizing.....	B. Terne.....	869,750	Oct. 29	4012	.....	130	2640
Zinc sulfate directly from the ore. Producing.....	G. O. Angell.....	851,639	Apr. 30	5883	1230	127	3223
Zinciferous ores and metallurgical products. Treatment of	J. H. Gillies.....	875,424	Dec. 31	6367	1327	131	2312

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Design.	Name.	No.	Date.	Official Gazette.	
				Volume.	Page.
Advertising device	H. F. C. Soellner	38,720	Aug. 6	129	2473
Advertising-flag	S. Robin	38,694	July 23	129	1586
Advertising-stand	H. E. Ellsworth	38,395	Jan. 1	126	354
Ash-can or garbage vessel	T. Lee	38,686	July 16	129	1241
Automobile-body	W. H. Atwood	38,486	Mar. 19	127	1229
Automobile-body	J. D. Maxwell	38,691	July 16	129	1242
Automobile-body	H. E. Coffin	38,800	Sept. 10	130	635
Automobile-body	F. S. Davis	38,946	Dec. 10	131	1661
Automobile-horn	G. Marchesini	38,499	Mar. 26	127	1553
Automobile-radiator	P. Arthur	38,962	Dec. 24	131	2126
Badge	C. H. Wilkins	38,421	Jan. 22	126	1329
Badge	F. Eberle	38,428	Jan. 29	126	1742
Badge	W. S. Carter	38,445	Feb. 19	126	3012
Badge	J. A. Montgomery	38,469	Mar. 5	127	367
Badge	F. O. Sullivan	38,481	Mar. 19	127	1228
Badge	J. J. Davis	38,487	Mar. 26	127	1552
Badge	J. J. Davis	38,488	Mar. 26	127	1552
Badge	R. C. Sherrard	38,489	Mar. 26	127	1552
Badge	R. C. Sherrard	38,490	Mar. 26	127	1552
Badge	A. H. Kopetschny	38,500	Apr. 2	127	1963
Badge	S. Y. Bell	38,541	Apr. 30	127	3616
Badge	S. Y. Bell	38,542	Apr. 30	127	3617
Badge	M. H. Goodrich	38,582	May 28	128	1661
Badge	L. H. Brunner	38,597	June 4	128	2057
Badge	C. J. Dieges	38,598	June 4	128	2057
Badge	C. J. Dieges	38,599	June 4	128	2057
Badge	C. J. Dieges	38,600	June 4	128	2057
Badge	H. L. Merriam	38,749	Aug. 20	129	3137
Badge	J. R. Kline	38,765	Aug. 27	129	3477
Badge	B. Bing	38,766	Aug. 27	129	3478
Badge	C. J. Dieges	38,801	Sept. 17	130	952
Badge	C. J. Dieges	38,802	Sept. 17	130	952
Badge	C. J. Dieges	38,803	Sept. 17	130	952
Badge	C. J. Dieges	38,804	Sept. 17	130	952
Badge	C. J. Dieges	38,805	Sept. 17	130	952
Badge	P. A. Mandabach	38,844	Oct. 8	130	1668
Badge or button	C. A. Whittaker	38,532	Apr. 23	127	3183
Badge or emblem	R. S. Clymer	38,553	May 14	128	655
Badge or emblem	E. R. Sheppard	38,964	Dec. 31	131	2396
Badge or similar article	H. G. Froby	38,420	Jan. 22	126	1329
Badge or similar article	S. B. Robertson	38,474	Mar. 12	127	827
Badge or similar article	A. Schicklerling	38,632	June 25	128	3258
Bag. Hand-	H. Grossman	38,525	Apr. 16	127	2784
Bag. Hand-	H. Grossman	38,526	Apr. 16	127	2785
Bag. Hand-	H. Grossman	38,808	Sept. 17	130	952
Bag. Hand-	L. Hauser	38,853	Oct. 8	130	1670
Bag. Hand-	H. Grossman	38,881	Nov. 12	131	665
Bag, purse, or similar article. Hand-	F. D. Kahn	38,482	Mar. 19	127	1228
Ball. Rubber	J. Fisher	38,616	June 11	128	2500
Bedstead	E. de Wolfe	38,843	Oct. 1	130	1473
Belt	M. Isenstein	38,396	Jan. 1	126	354
Belt	J. Brower	38,649	July 2	129	457
Book-mark	H. M. Willis	38,916	Dec. 3	131	1394
Book or booklet cover	R. H. Garman	38,643	June 25	128	3261
Book-plate	A. E. Bachert	38,937	Dec. 10	131	1659
Bottle	W. C. Pressing	38,430	Jan. 29	126	1742
Bottle	E. Robertson	38,483	Mar. 19	127	1228
Bottle	N. L. O'Neill and R. R. Burke	38,503	Apr. 2	127	1963
Bottle	C. E. Nadaud	38,696	July 23	129	1586
Bottle	E. T. Booth	38,710	July 30	129	2051
Bottle	C. M. and H. K. Brooke	38,755	Aug. 20	129	3138
Bottle	S. Liebenthal	38,833	Sept. 24	130	1290
Bottle	R. Burger	38,834	Sept. 24	130	1290
Bottle	T. S. Obeir	38,835	Sept. 24	130	1290
Bottle opener. Milk-	A. Newcomb	38,899	Nov. 26	131	1131
Bowl	F. C. Parsche	38,559	May 14	128	856
Box	W. Jones	38,468	Feb. 26	126	3399
Box-cover	W. A. Jack	38,791	Sept. 10	130	634
Boxes. Front panel for	F. Huelsenbeck	38,648	July 2	129	457
Brooch or similar article	O. C. Lanphear	38,645	July 2	129	456
Brooch-pin	H. W. Fishel	38,622	June 18	128	2811
Brooch-pin	H. W. Fishel	38,623	June 18	128	2811
Brooches, scarf-pins, or similar articles. Head for	J. E. De Wyngaert	38,918	Dec. 3	131	1394
Brush. Shoe-polishing	J. A. Kraag	38,952	Dec. 17	131	1916
Brushes, hand-mirrors, and similar articles. Back of hair-	G. F. Kolb	38,584	May 28	128	1661
Brushes, mirrors, or similar articles. Back for	L. C. Hiller	38,612	June 11	128	2499
Brushes, mirrors, or similar articles. Back for	H. J. Straker	38,814	Sept. 17	130	954
Buckle. Belt-	L. C. Henriksen	38,917	Dec. 3	131	1394
Buckles. Bale for trace-	A. Mudra	38,392	Jan. 1	126	353
Cabinet	A. Famulaitis	38,586	May 28	128	1662
Cabinet. Bedroom-	J. C. Flynn	38,437	Jan. 29	126	1744
Cabinet. Hotel-	J. Q. Adams	38,607	June 4	128	2059
Cabinet. Kitchen-	J. H. Couper and W. L. Albright	38,425	Jan. 22	126	1330

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Design.	Name.	No.	Date.	Official Gazette.	
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Calendar-blank	J. L. Knight	38,938	Dec. 10	131	1659
Candelabrum	H. B. Beach and H. J. Kayser	38,637	June 25	128	3259
Car-body	W. R. McKeen, Jr.	38,785	Sept. 3	130	278
Car-body	W. R. McKeen, Jr.	38,786	Sept. 3	130	278
Car-body	W. R. McKeen, Jr.	38,860	Oct. 15	130	2049
Car body. Railway	C. V. Rote	38,822	Sept. 17	130	955
Car-seat end frame	E. G. Budd	38,687	July 16	129	1242
Card. Back of a playing	J. A. Radcliffe	38,829	Sept. 24	130	1289
Card. Playing	S. R. Beal	38,954	Dec. 17	131	1916
Carpet fabric	G. Hawkins	38,904	Nov. 26	131	1132
Carpet fabric	G. Hawkins	38,905	Nov. 26	131	1132
Casket handle-plate	F. K. Allen	38,411	Jan. 15	126	1038
Casket or similar handle	N. L. Barmore	38,606	June 4	123	2058
Caster	A. Malchow	38,817	Sept. 17	130	954
Chafing-dish	E. A. Gutermann	38,424	Jan. 22	126	1330
Chafing-dish	L. Strassburger and C. Nelson	38,889	Nov. 19	131	920
Chafing-dish cover	G. E. Savage	38,812	Sept. 17	130	953
Chafing-dish stand	E. A. Gutermann	38,423	Jan. 22	126	1330
Chafing-dish stand	E. A. Gutermann	38,813	Sept. 17	130	953
Chafing-dish, lamp, and stand	S. G. Wilkes	38,924	Dec. 3	131	1395
Chafing-dish, stand, and lamp	E. A. Gutermann	38,466	Feb. 26	126	3399
Chafing-dish, stand, and lamp	L. Strassburger and C. Nelson	38,890	Nov. 19	131	920
Chafing-dish stands. Leg for	E. A. Gutermann	38,869	Nov. 5	131	336
Chair	J. O. Walker	38,640	June 25	128	3260
Chair	J. H. Coffman	38,768	Aug. 27	129	3478
Chair	J. H. Coffman	38,769	Aug. 27	129	3478
Chair	H. Grossman	38,875	Nov. 5	131	337
Chair-seat. Wooden	G. Behm	38,712	July 30	129	2051
Chandelier	M. W. Pitner	38,668	July 9	129	846
Chandelier-body	E. Gotthberg	38,573	May 14	128	860
Charm or pin	J. F. McNamee	38,827	Sept. 24	130	1288
Check. Identification	A. S. Wily	38,419	Jan. 15	126	1040
Cigar	H. Ruden	38,628	June 18	128	2812
Cigar-band	T. W. Cole	38,885	Nov. 19	131	919
Cigar band or wrapper	L. C. Wagner	38,493	Mar. 26	127	1553
Cigar band or wrapper	L. C. Wagner	38,494	Mar. 26	127	1553
Cigar band or wrapper	L. C. Wagner	38,495	Mar. 26	127	1553
Cigar band or wrapper	L. C. Wagner	38,496	Mar. 26	127	1553
Cigar band or wrapper	L. C. Wagner	38,603	June 4	128	2058
Cigar band or wrapper	L. C. Wagner	38,604	June 4	128	2058
Cigar band or wrapper	L. C. Wagner	38,750	Aug. 20	129	3138
Cigar band or wrapper	L. C. Wagner	38,751	Aug. 20	129	3138
Cigar band or wrapper	L. C. Wagner	38,752	Aug. 20	129	3138
Cigar band or wrapper	L. C. Wagner	38,753	Aug. 20	129	3138
Cigar-lighter	A. Landau and M. Meyer	38,664	July 9	129	845
Cigar-lighter	L. W. Rice	38,901	Nov. 26	131	1132
Clock-case	B. A. Chubbuck	38,514	Apr. 9	127	2361
Clock-case	C. G. Canivet	38,770	Aug. 27	129	3478
Clock-case	G. Jaeger	38,837	Sept. 24	130	1290
Clock-stand	W. T. Hopson	38,815	Sept. 17	130	954
Clock-stand or similar article	C. G. Canivet, Jr.	38,717	Aug. 6	129	2472
Coffee-pot	F. G. Holmes	38,708	July 30	129	2050
Coin-tray	J. S. Barron	38,718	Aug. 6	129	2472
Collar	H. E. Trevor	38,644	June 25	128	3261
Comb	J. E. De Wyngaert	38,634	June 25	128	3259
Comb	J. Wilcox	38,847	Oct. 8	130	1669
Comb	J. Wilcox	38,848	Oct. 8	130	1669
Comb	J. Wilcox	38,849	Oct. 8	130	1669
Comb	J. Wilcox	38,850	Oct. 8	130	1669
Comb	J. Wilcox	38,851	Oct. 8	130	1669
Comb	J. Wilcox	38,852	Oct. 8	130	1669
Combs, knives, or similar articles. Handle for	A. Dumont	38,920	Dec. 3	131	1395
Cravat-bow	F. Norton	38,650	July 2	129	457
Cream-separator. Centrifugal	T. W. Morgan	38,944	Dec. 10	131	1661
Cycle frame. Motor	P. Kelecom	38,977	Dec. 31	131	2398
Dental cabinet	H. C. Gowran	38,408	Jan. 15	126	1038
Dental cabinet	H. C. Gowran	38,409	Jan. 15	126	1038
Dentist and barber chairs. Foot-rest for	J. Barker	38,774	Aug. 27	129	3479
Dentist and barber chairs. Side frame for	J. Barker	38,620	June 11	128	2501
Dish	W. F. Donovan	38,512	Apr. 9	127	2361
Dish	W. L. Evans	38,888	Nov. 19	131	920
Dish	W. C. Anderson	38,950	Dec. 17	131	1916
Dish and similar article	G. L. Crowell, Jr.	38,614	June 11	128	2499
Dish. Cover	R. L. Johnson	38,439	Feb. 5	126	2161
Dish. Metal	J. T. Homan	38,925	Dec. 3	131	1396
Dish or cup	H. A. Miner	38,403	Jan. 8	126	722
Dish or cup holder	J. E. Straker, Jr.	38,697	July 23	129	1587
Dish or similar article. Covered	C. J. Ahrenfeldt	38,470	Mar. 5	127	367
Dish or similar article. Covered	A. J. Meakin	38,873	Nov. 5	131	337
Display-booth	M. A. Singer	38,838	Apr. 23	127	3189
Display-rack	E. L. Schmitz	38,838	Sept. 24	130	1290
Display rack. Ax-	S. Briggs	38,665	July 9	129	845
Display-stand	A. P. Jackson	38,619	June 11	128	2500
Dolly	R. Gair	38,968	Dec. 31	131	2396
Doll	H. Grossman	38,809	Sept. 17	130	953
Domino	G. J. Thomas	38,868	Nov. 5	131	336
Door and door-frame of lockers	A. J. Thornley	38,666	July 9	129	845
Drill housing. Electric	E. F. Smith	38,945	Dec. 10	131	1661
Easel. Photograph	H. C. Iiter	38,535	Apr. 23	127	3159
Electric-light standard	H. A. Smith	38,667	July 9	129	846
Emblem	H. S. Walker	38,764	Aug. 27	129	3477
Emblem. Base-ball	J. B. Levi	38,556	May 14	128	855
Emblem. Fraternity	D. S. Wilson	38,554	May 14	128	855
Emblem or badge	C. H. Faas	38,714	Aug. 6	129	2472
Fabric. Cloth	O. C. Grinnell, Jr.	38,438	Jan. 29	126	1744
Fabric. Knit	E. H. Brown	38,397	Jan. 1	126	354

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Fabric. Knit	E. H. Brown	38,413	Jan. 15	126	1039
Fabric. Knit	E. H. Brown	38,414	Jan. 15	126	1039
Fabric. Knit	E. H. Brown	38,415	Jan. 15	126	1039
Fabric. Pile	F. E. Kip	38,508	Apr. 2	127	1964
Fabric. Pile	F. E. Kip	38,509	Apr. 2	127	1964
Fabric. Pile	C. Sackman	38,567	May 14	128	858
Fabric. Pile	F. E. Kip	38,610	June 4	128	2059
Fabric. Printed	V. Burschel	38,589	May 28	128	1662
Fabric. Textile	S. Young	38,416	Jan. 15	126	1039
Fabric. Textile	S. Young	38,417	Jan. 15	126	1040
Fabric. Textile	S. L. Crownfield	38,568	May 14	128	859
Fabric. Textile	S. L. Crownfield	38,569	May 14	128	859
Fabric. Textile	S. L. Crownfield	38,570	May 14	128	859
Fabric. Textile	S. L. Crownfield	38,571	May 14	128	859
Fabric. Textile	S. L. Crownfield	38,572	May 14	128	860
Fabric. Textile	S. L. Crownfield	38,575	May 14	128	860
Fabric. Textile	H. W. Fowler	38,590	May 28	128	1662
Fabric. Textile	H. W. Fowler	38,591	May 28	128	1663
Fabric. Textile	H. W. Fowler	38,592	May 28	128	1663
Fabric. Textile	E. Humphreys	38,593	May 28	128	1663
Fabric. Textile	A. F. Papin	38,594	May 28	128	1663
Fabric. Textile	O. C. Sauer	38,595	May 28	128	1664
Fabric. Textile	O. C. Sauer	38,596	May 28	128	1664
Fabric. Textile	H. P. Johnstone	38,700	July 23	129	1587
Fabric. Textile	H. P. Johnstone	38,701	July 23	129	1588
Fabric. Textile	H. P. Johnstone	38,702	July 23	129	1588
Fabric. Textile	H. P. Johnstone	38,703	July 23	129	1588
Fabric. Textile	H. P. Johnstone	38,704	July 23	129	1588
Fabric. Textile	J. S. Yergason	38,744	Aug. 6	129	2476
Fabric. Textile	S. L. Crownfield	38,864	Oct. 22	130	2353
Fabric. Textile	S. L. Crownfield	38,865	Oct. 22	130	2353
Fabric. Textile	S. L. Crownfield	38,866	Oct. 22	130	2353
Fabric. Textile	O. C. Sauer	38,867	Oct. 22	130	2353
Fabric. Textile	A. M. Rapp	38,876	Nov. 5	131	337
Fabric. Textile	A. M. Rose	38,877	Nov. 5	131	337
Fabric. Textile	H. W. Fowler	38,906	Nov. 26	131	1133
Fabric. Textile	H. W. Fowler	38,907	Nov. 26	131	1133
Fabric. Textile	E. L. Mosenthal	38,908	Nov. 26	131	1133
Fabric. Textile	A. Olsson	38,909	Nov. 26	131	1133
Fabric. Textile	A. Olsson	38,910	Nov. 26	131	1133
Fabric. Textile	L. Russell	38,911	Nov. 26	131	1133
Fabric. Woven	W. K. Smith	38,693	July 16	129	1243
Fabric. Woven	W. T. Smith	38,933	Dec. 3	131	1397
Fabric. Woven	C. H. Landenberger	38,948	Dec. 10	131	1661
Fabric. Woven	C. H. Landenberger	38,949	Dec. 10	131	1661
Finger-ring or similar article	J. L. Herzog	38,966	Dec. 31	131	2396
Fire-indicator	L. H. Britton	38,446	Feb. 19	126	3012
Flask	J. M. Levis	38,557	May 14	128	856
Flask	T. R. Harper	38,970	Dec. 31	131	2397
Floor or wall covering	A. Lee	38,406	Jan. 8	126	723
Flower-pot cover	W. H. Grever	38,792	Sept. 10	130	634
Fob	J. M. Seawell	38,806	Sept. 17	130	952
Frame	G. H. Rice	38,393	Jan. 1	126	353
Frame	G. H. Rice	38,394	Jan. 1	126	354
Furniture-handle	L. W. Bond	38,939	Dec. 10	131	1660
Furniture ornament	C. V. Holstein	38,688	July 16	129	1242
Furniture ornament	C. V. Holstein	38,689	July 16	129	1242
Gage casing. Temperature and pressure	H. W. Maurer	38,957	Dec. 17	131	1917
Gas-burner	T. J. Litte, Jr.	38,955	Dec. 17	131	1916
Gas-burner	T. Stites	38,956	Dec. 17	131	1917
Gas-burner. Inverted	J. Lederer	38,748	Aug. 13	129	2836
Gas-burner pillar	A. K. Miller	38,961	Dec. 24	131	2126
Gas-heater	A. T. Wehrle	38,973	Dec. 31	131	2397
Glass bowl. Cut	M. E. Scheck	38,923	Dec. 3	131	1395
Glass candlestick	B. W. Jacobs	38,626	June 18	128	2812
Glass dish	B. W. Jacobs	38,440	Feb. 5	126	2161
Glass dish	H. Richman	38,615	June 11	128	2499
Glass. Plate	R. Fortemps	38,713	July 30	129	2051
Glass. Sheet	F. Woltjen	38,979	Dec. 31	131	2398
Glass tile	D. C. Ripley	38,629	June 18	128	2812
Glass vessel	R. Haley	38,681	July 16	129	1240
Glass vessel	A. Buskey	38,969	Dec. 31	131	2396
Glass vessel. Cut	H. H. Buckley	38,422	Jan. 22	126	1329
Glass vessel. Cut	W. C. Anderson	38,492	Mar. 26	127	1552
Hammock	H. L. Hohlfield	38,545	Apr. 30	127	3617
Hammock-valance	D. W. Shoyer	38,418	Jan. 15	126	1040
Hand-bag	H. Grossman	38,661	July 9	129	844
Hand-bag	H. Grossman	38,683	July 16	129	1241
Hat-band	I. Lichtenstein	38,412	Jan. 15	126	1039
Hat-pin	N. B. Levy	38,654	July 9	129	843
Headlight	R. H. Welles	38,926	Dec. 3	131	1396
Heater and food-receptacle	L. Polsky	38,959	Dec. 24	131	2126
Hinge-leaf	W. J. Neidl	38,975	Dec. 31	131	2397
Horn	L. L. Terhune	38,560	May 14	128	857
Horn	L. L. Terhune	38,477	May 21	128	1269
Ice-pick	G. E. Wood and C. A. Schade	38,900	Nov. 26	131	1132
Ice-tub	J. E. Straker, Jr.	38,605	June 4	128	2058
Initials. Set of silk-woven	A. C. Kluge	38,642	June 25	128	3260
Ink-well and pincushion	L. and E. C. Weidlich	38,402	Jan. 8	126	722
Inkstand	C. H. Numan	38,767	Aug. 27	129	3478
Insignia	F. B. Bower	38,399	Jan. 8	126	727
Jar. Pottery	E. S. Smithson	38,858	Oct. 15	130	2048
Jar. Pottery	E. S. Smithson	38,859	Oct. 15	130	2049
Jar. Pottery	G. R. Thieme	38,958	Dec. 24	131	2126
Jug or similar article	J. Slater	38,627	June 18	128	2812
Knitted fabric	J. J. Curry	38,856	Oct. 8	130	1670

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Design.	Name.	No.	Date.	Official Gazette.	
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Knob. Door.....	E. T. Schoonmaker.....	38,941	Dec. 10	131	1660
Lace. Levers.....	C. W. Birkin.....	38,546	Apr. 30	127	3617
Lace. Levers.....	C. W. Birkin.....	38,547	Apr. 30	127	3617
Lace. Levers.....	C. W. Birkin.....	38,548	Apr. 30	127	3618
Lace. Levers.....	C. W. Birkin.....	38,549	Apr. 30	127	3618
Lamp.....	O. Helfft.....	38,432	Jan. 29	126	1743
Lamp.....	J. J. Weyer.....	38,638	June 25	128	3260
Lamp.....	J. J. Weyer.....	38,639	June 25	128	3260
Lamp.....	E. M. Cummings.....	38,660	July 9	129	844
Lamp.....	E. E. Taylor.....	38,830	Sept. 24	130	1289
Lamp-body.....	W. P. Crary.....	38,410	Jan. 15	126	1038
Lamp. Bracket.....	M. W. Pitner.....	38,663	July 9	129	845
Lamp. Gas.....	R. W. Zierlein.....	38,431	Jan. 29	126	1742
Lamp. Gas.....	A. Rector.....	38,646	July 2	129	456
Lamp. Gas.....	A. Rector.....	38,647	July 2	129	456
Lamp. Gas.....	J. Maas.....	38,699	July 23	129	1587
Lamp. Gas.....	A. Rector.....	38,760	Aug. 20	129	3139
Lamp. Gas.....	A. Rector.....	38,761	Aug. 20	129	3139
Lamp. Gas.....	C. A. Campbell.....	38,816	Sept. 17	130	954
Lamp. Gas.....	F. M. Brooks.....	38,831	Sept. 24	130	1289
Lamp-globe.....	M. W. Pitner.....	38,662	July 9	129	845
Lamp. Incandescent.....	O. Helfft.....	38,433	Jan. 29	126	1740
Lamp. Incandescent.....	O. Helfft.....	38,434	Jan. 29	126	1740
Lamp. Inverted gas.....	J. Lederer.....	38,743	Aug. 6	129	2476
Lamp. Inverted gas.....	J. Lederer.....	38,832	Sept. 24	130	1289
Lamp-shade.....	W. R. Noe, Jr.....	38,448	Feb. 19	126	3013
Lamp socket. Incandescent electric.....	J. A. Mebane.....	38,484	Mar. 19	127	1228
Lamp-stand.....	R. Murr.....	38,506	Apr. 2	127	1964
Lamps. Ceiling-fixture for electric.....	J. H. Goehst.....	38,972	Dec. 31	131	2397
Lavatory.....	H. Podmore.....	38,874	Nov. 5	131	337
Light reflector. Artificial.....	O. A. Mygatt.....	38,543	Apr. 30	127	3617
Lighting-fixtures. Portable standard for.....	H. T. Howell.....	38,449	Feb. 19	126	3013
Lighting-fixtures. Portable standard for.....	H. T. Howell.....	38,450	Feb. 19	126	3013
Lighting-fixtures. Portable standard for.....	H. T. Howell.....	38,451	Feb. 19	126	3013
Lighting-fixtures. Portable standard for.....	H. T. Howell.....	38,452	Feb. 19	126	3014
Lighting-fixtures. Portable standard for.....	H. T. Howell.....	38,453	Feb. 19	126	3014
Lighting-fixtures. Portable standard for.....	H. T. Howell.....	38,454	Feb. 19	126	3014
Lighting-fixtures. Portable standard for.....	H. T. Howell.....	38,455	Feb. 19	126	3014
Lighting-fixtures. Portable standard for.....	H. T. Howell.....	38,456	Feb. 19	126	3015
Lighting-fixtures. Portable standard for.....	H. T. Howell.....	38,457	Feb. 19	126	3015
Lighting-fixtures. Portable standard for.....	H. T. Howell.....	38,458	Feb. 19	126	3015
Lighting-fixtures. Portable standard for.....	H. T. Howell.....	38,459	Feb. 19	126	3015
Lighting-fixtures. Portable standard for.....	H. T. Howell.....	38,460	Feb. 19	126	3016
Lighting-fixtures. Portable standard for.....	H. T. Howell.....	38,461	Feb. 19	126	3016
Lightning-arrester casing and support.....	F. W. Lord.....	38,782	Sept. 3	130	278
Liquid-dispensing keg.....	H. S. Cornish.....	38,891	Nov. 19	131	920
Lock-trimming.....	E. T. Schoonmaker.....	38,940	Dec. 10	131	1660
Locket or similar article.....	F. W. Arnold.....	38,475	Mar. 12	127	827
Locket or similar article.....	F. W. Arnold.....	38,476	Mar. 12	127	827
Locket or similar article.....	E. Crees and C. S. Court.....	38,491	Mar. 26	127	1552
Locket or similar article.....	F. W. Arnold.....	38,633	June 25	128	3258
Mandolin-body.....	W. C. Stahl.....	38,682	July 16	129	1240
Match-box.....	T. F. Bensel.....	38,788	Sept. 10	130	633
Match-holder, ash-tray, and bell. Combined.....	G. C. Lynch.....	38,613	June 11	128	2499
Medal.....	F. B. Rhodes.....	38,555	May 14	128	855
Medal.....	S. Freund-Balla.....	38,631	June 25	128	3258
Mirror or similar article.....	W. A. Jameson.....	38,929	Dec. 3	131	1397
Mirrors, brushes, and similar toilet articles. Back for.....	G. H. Berry.....	38,561	May 14	128	857
Mirrors, brushes, and similar toilet articles. Back for.....	G. H. Berry.....	38,562	May 14	128	857
Mirrors, brushes, and similar toilet articles. Back for.....	G. H. Berry.....	38,563	May 14	128	857
Mirrors, brushes, and similar toilet articles. Back for.....	G. H. Berry.....	38,564	May 14	128	858
Mirrors, brushes, and similar toilet articles. Back for.....	G. H. Berry.....	38,565	May 14	128	858
Mirrors, brushes, and similar toilet articles. Back for.....	H. Hillbom.....	38,880	Nov. 12	131	665
Molding.....	E. Ryon.....	38,930	Dec. 3	131	1397
Musical instrument.....	W. H. Pritchard.....	38,404	Jan. 8	126	722
Musical-instrument casing.....	W. H. Pritchard.....	38,772	Aug. 27	129	3479
Necktie.....	G. O. Sanborn.....	38,914	Nov. 26	131	1134
Necktie.....	G. O. Sanborn.....	38,915	Nov. 26	131	1134
Neckwear fabric.....	H. Bernstein.....	38,932	Dec. 3	131	1397
Neckwear fabric.....	L. Auerbach.....	38,947	Dec. 10	131	1661
Nutcrackers, nut-picks, and similar dessert cutlery. Handle for.....	M. N. Jarvis.....	38,951	Dec. 17	131	1916
Ornament.....	J. Floersheim.....	38,653	July 9	129	842
Ornament.....	J. W. Talbot.....	38,807	Sept. 17	130	952
Padlock.....	C. A. Erickson.....	38,773	Aug. 27	129	3479
Padlock.....	C. E. Johnson.....	38,960	Dec. 24	131	2126
Paper-cutter.....	M. Switzer.....	38,886	Nov. 19	131	919
Paper. Wall.....	J. Wishart.....	38,692	July 16	129	1243
Paper. Writing and printing.....	J. P. Phelps.....	38,587	May 28	128	1662
Pencil tip. Lead.....	L. Solinger.....	38,711	July 30	129	2051
Pendant or watch-charm.....	P. S. Butterworth.....	38,652	July 9	129	842
Percolator stand and lamp.....	E. A. Gutermann.....	38,971	Dec. 31	131	2397
Phonograph-cabinet.....	J. Herzog.....	38,669	July 9	129	846
Phonograph-cabinet.....	J. Herzog.....	38,758	Aug. 20	129	3138
Phonograph-horn.....	M. Geller.....	38,447	Feb. 19	126	3012
Phonograph-horn.....	M. Steiner.....	38,602	June 4	128	2058
Phonograph-horn.....	E. L. Aiken.....	38,942	Dec. 10	131	1660
Phonograph-horn.....	E. L. Aiken.....	38,943	Dec. 10	131	1660
Photo-mount.....	H. W. Simpson.....	38,585	May 28	128	1661
Piano-case.....	J. H. Ludwig.....	38,608	June 4	128	2059
Picture-frame.....	S. Bilek.....	38,510	Apr. 2	127	1964
Picture-frame.....	H. L. Beach.....	38,780	Sept. 3	130	277
Picture-frame molding.....	H. A. Aronson.....	38,527	Apr. 16	127	2785
Pin or brooch.....	A. E. Colburn.....	38,705	July 30	129	2050
Pin or button head.....	D. P. Barry.....	38,965	Dec. 31	131	2396
Pincushion.....	J. U. Barr.....	38,630	June 18	128	2812

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Design.	Name.	No.	Date.	Official Gazette.	
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Pincushion.....	J. U. Barr.....	38,787	Sept. 10	130	633
Pincushion fabric.....	W. B. Lawrence.....	38,479	Mar. 12	127	828
Pipe coupling or nipple.....	R. M. Thomas.....	38,618	June 11	128	2500
Pitheer.....	A. M. Rose.....	38,836	Sept. 24	130	1290
Plate.....	M. J. Mullins.....	38,709	July 30	129	2051
Plate.....	H. T. Wilhelm and J. O. Benjamin.....	38,779	Sept. 3	130	277
Plate.....	E. E. Walter.....	38,870	Nov. 5	131	336
Plate.....	E. E. Walter.....	38,871	Nov. 5	131	336
Plate.....	E. E. Walter.....	38,872	Nov. 5	131	336
Plate. Metal border for.....	J. T. Homan.....	38,862	Oct. 22	130	2352
Plate or dish.....	E. E. Walter.....	38,441	Feb. 12	126	2559
Plate or dish.....	E. Schnepf.....	38,442	Feb. 12	126	2559
Plate or similar article.....	C. J. Ahrenfeldt.....	38,471	Mar. 5	127	367
Plate or similar article.....	C. J. Ahrenfeldt.....	38,472	Mar. 5	127	368
Plate or similar article.....	C. J. Ahrenfeldt.....	38,473	Mar. 5	127	368
Plate or similar article.....	A. J. Meakin.....	38,861	Oct. 22	130	2352
Post-card.....	E. Fritzsche.....	38,566	May 14	128	858
Post-card.....	J. Kramer.....	38,967	Dec. 31	131	2396
Purse or bag.....	A. E. Vogt.....	38,919	Dec. 3	131	1395
Puzzle-box.....	E. W. Wright.....	38,502	Apr. 2	127	1963
Radiator.....	E. Sjoden.....	38,516	Apr. 9	127	2361
Radiator.....	E. Sjoden.....	38,528	Apr. 16	127	2785
Radiator.....	E. Sjoden.....	38,539	Apr. 23	127	3190
Radiator.....	E. Sjoden.....	38,540	Apr. 23	127	3190
Radiator.....	W. C. McKeown.....	38,676	July 9	129	848
Radiator.....	H. T. Offterdinger.....	38,763	Aug. 20	129	3139
Range.....	J. Becvar.....	38,974	Dec. 31	131	2397
Range. Gas.....	A. T. Wehrle.....	38,574	May 14	128	860
Razor. Safety.....	F. H. Arnold.....	38,754	Aug. 20	129	3138
Reflector.....	A. J. Morgan.....	38,578	May 21	128	1269
Reflector. Artificial-light.....	K. Booth.....	38,477	Mar. 12	127	827
Reflector. Artificial-light.....	K. Booth.....	38,721	Aug. 6	129	2473
Reflector. Artificial-light.....	K. Booth.....	38,722	Aug. 6	129	2473
Reflector. Artificial-light.....	K. Booth.....	38,723	Aug. 6	129	2473
Reflector. Artificial-light.....	K. Booth.....	38,724	Aug. 6	129	2473
Reflector. Artificial-light.....	K. Booth.....	38,725	Aug. 6	129	2473
Reflector. Artificial-light.....	K. Booth.....	38,726	Aug. 6	129	2473
Reflector. Artificial-light.....	K. Booth.....	38,727	Aug. 6	129	2474
Reflector. Artificial-light.....	K. Booth.....	38,728	Aug. 6	129	2474
Reflector. Artificial-light.....	K. Booth.....	38,729	Aug. 6	129	2474
Reflector. Artificial-light.....	K. Booth.....	38,730	Aug. 6	129	2474
Reflector. Artificial-light.....	K. Booth.....	38,731	Aug. 6	129	2474
Reflector. Artificial-light.....	K. Booth.....	38,732	Aug. 6	129	2474
Reflector. Artificial-light.....	K. Booth.....	38,733	Aug. 6	129	2474
Reflector. Artificial-light.....	K. Booth.....	38,734	Aug. 6	129	2474
Reflector. Artificial-light.....	K. Booth.....	38,735	Aug. 6	129	2475
Reflector. Artificial-light.....	K. Booth.....	38,736	Aug. 6	129	2475
Reflector. Artificial-light.....	K. Booth.....	38,737	Aug. 6	129	2475
Reflector. Artificial-light.....	K. Booth.....	38,738	Aug. 6	129	2475
Reflector. Artificial-light.....	K. Booth.....	38,739	Aug. 6	129	2475
Reflector. Artificial-light.....	K. Booth.....	38,740	Aug. 6	129	2475
Reflector. Artificial-light.....	K. Booth.....	38,741	Aug. 6	129	2475
Reflector. Artificial-light.....	K. Booth.....	38,742	Aug. 6	129	2476
Reflector. Electric-light.....	A. D. Curtis.....	38,854	Oct. 8	130	1670
Reflector or similar article.....	O. A. Mygatt.....	38,558	May 14	128	856
Ribbon.....	G. A. Morgan.....	38,507	Apr. 2	127	1964
Ribbon.....	E. M. Corbett.....	38,581	May 21	128	1270
Ribbon.....	E. M. Corbett.....	38,912	Nov. 26	131	1134
Ribbon.....	E. M. Corbett.....	38,913	Nov. 26	131	1134
Ring.....	F. C. Widmann.....	38,465	Feb. 26	126	3398
Rug.....	H. C. White.....	38,398	Jan. 1	126	354
Rug.....	F. A. Haas.....	38,407	Jan. 8	126	723
Rug.....	W. A. Perry.....	38,651	July 2	129	457
Rug.....	A. Petzold.....	38,794	Sept. 10	130	635
Rug.....	A. Petzold.....	38,795	Sept. 10	130	635
Rug.....	E. H. Bennett.....	38,796	Sept. 10	130	635
Salt-shaker.....	C. A. Nelson and C. A. Payne.....	38,922	Dec. 3	131	1395
Scale-base.....	W. F. Stimpson.....	38,759	Aug. 20	129	3139
Scale-frame.....	G. W. Cope.....	38,976	Dec. 31	131	2398
Seat and cabinet. Combined.....	V. D. Burnam.....	38,978	Dec. 31	131	2398
Seat end.....	J. B. Kilburn.....	38,839	Sept. 24	130	1291
Shade. Gas and electric light.....	F. L. Johnson.....	38,747	Aug. 13	129	2836
Shade or globe. Artificial-light.....	K. Booth.....	38,684	July 16	129	1241
Shade or globe. Artificial-light.....	K. Booth.....	38,685	July 16	129	1241
Shield.....	W. C. Codman.....	38,391	Jan. 1	126	353
Shield.....	W. C. Codman.....	38,400	Jan. 8	126	721
Shield.....	W. C. Codman.....	38,401	Jan. 8	126	721
Shingle.....	J. L. Dickelman.....	38,931	Dec. 3	131	1397
Shoe scraper and cleaner.....	A. M. and S. B. Stiles.....	38,435	Jan. 29	126	1743
Show-case.....	L. K. Liggett.....	38,771	Aug. 27	129	3478
Sign. Barber's.....	J. C. Smith.....	38,746	Aug. 13	129	2835
Sign. Display.....	S. J. Reckendorfer.....	38,641	June 25	128	3260
Sign. Illuminated.....	L. K. Liggett.....	38,405	Jan. 8	126	722
Sign. Illuminated chandelier.....	L. K. Liggett.....	38,444	Feb. 12	126	2560
Signet.....	C. E. Hansen.....	38,935	Dec. 10	131	1659
Signet.....	C. E. Hansen.....	38,936	Dec. 10	131	1659
Siphon-head.....	C. de Lukacsevics.....	38,515	Apr. 9	127	2361
Skirt.....	D. Crystal and M. Tischler.....	38,953	Dec. 17	131	1916
Skirting. Woven.....	C. H. Landenberger.....	38,823	Sept. 17	130	956
Skirting. Woven.....	C. H. Landenberger.....	38,824	Sept. 17	130	956
Skirting. Woven.....	C. H. Landenberger.....	38,825	Sept. 17	130	956
Skirting. Woven.....	C. H. Landenberger.....	38,826	Sept. 17	130	956
Spoon.....	L. G. Blasier.....	38,624	June 18	128	2811
Spoon.....	L. G. Blasier.....	38,625	June 18	128	2812
Spoon.....	G. F. Kolb.....	38,655	July 9	129	843

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Spoon.....	G. B. Ludy.....	38,678	July 16	129	1240
Spoon.....	J. W. Brereton.....	38,680	July 16	129	1240
Spoon.....	C. Selkirk.....	38,783	Sept. 3	130	278
Spoon, fork, or similar article.....	F. Habensack.....	38,878	Nov. 12	131	664
Spoon or fork.....	C. A. Bennett.....	38,524	Apr. 16	127	2784
Spoon or fork.....	E. Meyers.....	38,636	June 25	128	3259
Spoon or fork.....	A. E. Colburn.....	38,715	Aug. 6	129	2472
Spoon or fork.....	A. C. Miller.....	38,921	Dec. 3	131	1395
Spoon or similar article.....	E. Cress and C. S. Court.....	38,897	Nov. 26	131	1131
Spoons, forks, and similar articles. Handle for.....	G. A. Alexander.....	38,789	Sept. 10	130	634
Spoons, forks, or similar articles. Handle for.....	G. F. Kolb.....	38,511	Apr. 9	127	2360
Spoons, forks, or similar articles. Handle for.....	G. M. Hallenbeck.....	38,533	Apr. 23	127	3188
Spoons, forks, or similar articles. Handle for.....	W. C. Bowlen.....	38,534	Apr. 23	127	3189
Spoons, forks, or similar articles. Handle for.....	F. Habensack.....	38,583	May 28	128	1661
Spoons, forks, or similar articles. Handle for.....	G. L. Crowell, Jr.....	38,601	June 4	128	2058
Spoons, forks, or similar articles. Handle for.....	J. Chulee.....	38,611	June 11	128	2498
Spoons, forks, or similar articles. Handle for.....	W. C. Bowlen.....	38,656	July 9	129	843
Spoons, forks, or similar articles. Handle for.....	G. Strohacker.....	38,658	July 9	129	844
Spoons, forks, or similar articles. Handle for.....	H. Hillbom.....	38,679	July 16	129	1240
Spoons, forks, or similar articles. Handle for.....	F. E. Pretat.....	38,756	Aug. 20	129	3138
Spoons, forks, or similar articles. Handle for.....	H. Hillbom.....	38,784	Sept. 3	130	278
Spoons, forks, or similar articles. Handle for.....	S. J. Large.....	38,790	Sept. 10	130	634
Spoons, forks, or similar articles. Handle for.....	J. E. Straker.....	38,828	Sept. 24	130	1289
Spoons, forks, or similar articles. Handle for.....	G. L. Crowell, Jr.....	38,845	Oct. 8	130	1668
Spoons, forks, or similar articles. Handle for.....	J. E. Straker, Jr.....	38,846	Oct. 8	130	1669
Spoons, forks, or similar articles. Handle for.....	C. Osborne.....	38,879	Nov. 12	131	664
Spoons, forks, or similar articles. Handle of.....	W. C. Codman.....	38,657	July 9	129	843
Spoons or similar articles. Handle for.....	S. J. Large.....	38,635	June 25	128	3259
Spoons or similar articles. Handle for.....	C. A. Edmonston.....	38,745	Aug. 6	129	2476
Spoons or similar articles. Handle of.....	J. Mayer.....	38,695	July 23	129	1586
Statue.....	J. Gednetz.....	38,818	Sept. 17	130	955
Sterilizing-receptacle.....	E. Kronman.....	38,898	Nov. 26	131	1131
Stocking.....	J. J. Curry.....	38,609	June 4	128	2059
Stocking-darner.....	E. W. Thayer.....	38,887	Nov. 19	131	920
Stove.....	A. T. Wehrle.....	38,498	Mar. 26	127	1553
Stove.....	B. B. Cohen.....	38,529	Apr. 16	127	2785
Stove.....	B. B. Cohen.....	38,544	Apr. 30	127	3617
Stove.....	T. R. Kennedy and E. J. King.....	38,798	Sept. 10	130	635
Stove.....	T. R. Kennedy and E. J. King.....	38,799	Sept. 10	130	635
Stove.....	R. Galbraith and E. Ambrose.....	38,840	Sept. 24	130	1291
Stove.....	J. C. Hosford.....	38,841	Sept. 24	130	1291
Stove.....	J. C. Hosford.....	38,842	Sept. 24	130	1291
Stove.....	J. C. Hosford.....	38,893	Nov. 19	131	921
Stove.....	J. C. Hosford.....	38,894	Nov. 19	131	921
Stove.....	A. W. Walker.....	38,934	Dec. 3	131	1397
Stove. Cooking.....	J. S. Van Buren.....	38,426	Jan. 22	126	1330
Stove. Cooking.....	J. S. Van Buren.....	38,530	Apr. 16	127	2786
Stove. Cooking.....	J. S. Van Buren.....	38,531	Apr. 16	127	2786
Stove. Gas heating.....	J. Becvar.....	38,895	Nov. 19	131	921
Stove. Heating.....	J. H. Higert.....	38,497	Mar. 26	127	1553
Stove. Heating.....	A. K. Beckwith.....	38,777	Aug. 27	129	3480
Stove. Heating.....	A. K. Beckwith.....	38,778	Aug. 27	129	3480
Stove. Heating and cooking.....	W. Thompson and G. W. Cope.....	38,896	Nov. 19	131	921
Stove ornament.....	F. E. Lee.....	38,485	Mar. 19	127	1229
Talking-machine cabinet.....	O. E. Mertz.....	38,536	Apr. 23	127	3189
Talking-machine cabinet.....	J. C. English.....	38,537	Apr. 23	127	3189
Talking-machine horn.....	H. Sheble.....	38,478	Mar. 12	127	827
Tea or coffee pot.....	J. Rogers.....	38,480	Mar. 12	127	828
Teapot.....	F. G. Holmes.....	38,707	July 30	129	2050
Teapot or similar article.....	L. Rouquart.....	38,706	July 30	129	2050
Thimble.....	H. A. Weilman.....	38,659	July 9	129	844
Tiling.....	A. A. Spadone.....	38,580	May 21	128	1270
Tire-valves. Cover or dust-cap for.....	M. C. Schweinert and H. P. Kraft.....	38,675	July 9	129	848
Top. Spinning.....	J. Paul.....	38,863	Oct. 22	130	2352
Toy.....	B. Goldenberg.....	38,719	Aug. 6	129	2472
Toy safe.....	P. G. Wing.....	38,810	Sept. 17	130	953
Toy stove.....	P. G. Wing.....	38,811	Sept. 17	130	953
Transformer-case.....	W. A. Hall.....	38,698	July 23	129	1587
Trolley-wire-supporting bracket.....	G. Nichols.....	38,462	Feb. 19	126	3016
Tube. Collapsible.....	W. H. Blood, Jr.....	38,579	May 21	128	1270
Type. Font of.....	A. Gottschling.....	38,443	Feb. 12	126	2560
Type. Font of.....	C. W. Smith.....	38,855	Oct. 8	130	1670
Type for use in phonetic spelling. Font of.....	G. S. Jones.....	38,617	June 11	128	2500
Type-writer base-frame.....	H. Cross and G. J. Griffiths.....	38,928	Dec. 3	131	1396
Type-writer carriage frame.....	J. Alexander.....	38,820	Sept. 17	130	955
Type-writer frame.....	J. Alexander.....	38,927	Dec. 3	131	1396
Type-writer platen frame.....	J. Alexander.....	38,819	Sept. 17	130	955
Type-writer ribbons and tension-bands. Spool for.....	J. Alexander.....	38,857	Oct. 15	130	2048
Umbrella, parasol, or cane handle.....	A. Rosenstein.....	38,463	Feb. 19	126	3016
Umbrella, parasol, or cane handle.....	A. Rosenstein.....	38,464	Feb. 19	126	3016
Urn and pedestal therefor.....	G. G. Brush.....	38,513	Apr. 9	127	2361
Vase.....	P. J. Bornstein.....	38,716	Aug. 6	129	2472
Vehicle-body.....	F. K. and F. P. Stone.....	38,621	June 11	128	2501
Vehicle-body.....	F. E. Eckhart.....	38,776	Aug. 27	129	3479
Vehicle-body.....	C. Cretors.....	38,882	Nov. 12	131	665
Vehicle-body.....	C. Cretors.....	38,883	Nov. 12	131	665
Vehicle-body.....	C. Cretors.....	38,884	Nov. 12	131	665
Vehicle-body.....	C. Cretors.....	38,963	Dec. 24	131	2126
Vehicle-body. Motor.....	W. L. Nichols.....	38,436	Jan. 29	126	1743
Vehicle-seat.....	F. E. Eckhart.....	38,821	Sept. 17	130	955
Vending-apparatus case. Coin-controlled.....	L. L. Martin.....	38,793	Sept. 10	130	634
Vending-machine base.....	C. C. Travis.....	38,775	Aug. 27	129	3479
Vending-machine casing.....	W. J. Paul.....	38,902	Nov. 26	131	1132
Vending-machine face-plate.....	C. C. Travis.....	38,762	Aug. 20	129	3139
Vending machines. Mount for fluid.....	W. Millard.....	38,671	July 9	129	847
Vending machines. Mount for fluid.....	W. Millard.....	38,672	July 9	129	847

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Vending machines. Mount for fluid-.....	W. Millard	38,673	July 9	129	847
Vending machines. Mount for fluid-.....	W. Millard	38,674	July 9	129	847
Vessel for table use	A. Paroutaud	38,504	Apr. 2	127	1963
Vessel for table use	A. Paroutaud	38,505	Apr. 2	127	1964
Wall-covering	L. Pronberger	38,427	Jan. 22	126	1330
Wall-covering	L. Pronberger	38,517	Apr. 9	127	2362
Wall-covering	L. Pronberger	38,518	Apr. 9	127	2362
Wall-covering	L. Pronberger	38,519	Apr. 9	127	2362
Wall-covering	L. Pronberger	38,520	Apr. 9	127	2362
Wall-covering	L. Pronberger	38,521	Apr. 9	127	2362
Wall-covering	L. Pronberger	38,522	Apr. 9	127	2363
Wall-covering	L. Pronberger	38,523	Apr. 9	127	2363
Wall-covering	J. J. Plucker	38,588	May 28	128	1662
Wall-pocket or similar article	E. Flanagan	38,781	Sept. 3	130	278
Washstand. Metal	C. T. Davis	38,797	Sept. 10	130	635
Watch-bow	C. Schaefer	38,551	May 7	128	429
Watch-bow	C. Schaefer	38,552	May 7	128	429
Watch-dial	C. W. Schedler	38,677	July 16	129	1239
Watch-fob	W. C. Russ	38,429	Jan. 29	126	1742
Watch-fob	J. H. Hall, Jr.	38,501	Apr. 2	127	1963
Watch-fob pendant	F. H. Bateman	38,550	May 7	128	429
Watch-pendant	L. E. F. Wachter	38,476	May 21	128	1269
Watchcase	C. V. Bates	38,757	Aug. 20	129	3138
Water-cooler	J. T. Cole	38,467	Feb. 26	126	3399
Water-heater	J. M. Tobias	38,690	July 16	129	1242
Water-heater	J. J. Lawler	38,892	Nov. 19	131	920
Weighing and vending machine case	A. Hermann and L. Flatow	38,670	July 9	129	846
Wire fabric	H. Sussman	38,903	Nov. 26	131	1132

ALPHABETICAL LIST OF TRADE-MARKS.

Title.	Name.	No.	Date.	Official Gazette.	
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Abdominal supports and hose-supporters. Combined	N. L. Digney	61,183	Mar. 5	127	389
Abrasive and polishing materials. Certain	Morton Company	63,338	June 18	128	2829
Abrasive and polishing materials, tools, &c	Morton Company	64,093	July 23	129	1605
Abrasive cleansing, polishing, and scouring preparation	Cudahy Packing Company	62,127	Apr. 23	127	3209
Abrasive material	Abrasive Material Co.	66,810	Dec. 31	131	2411
Abrases. Certain	Carborundum Company	64,490	Aug. 13	129	2851
Absinthe and vermouth	Société Anonyme de la Grande Distillerie E. Cusenier Fils Aîné & Cie.	66,581	Dec. 10	131	1683
Accordions	Buegeleisen & Jacobson	66,856	Dec. 31	131	2413
Accordions	W. Spaethe	66,886	Dec. 31	131	2414
Accordions and concertinas	Lyon & Healy	59,200	Jan. 1	126	382
Accumulators	A. Müller	61,630	Apr. 2	127	1985
Acetylene-generators	Acetylene Apparatus Manufacturing Company.	59,301	Jan. 8	126	747
Acetylene-generators	Acetylene Apparatus Manufacturing Company.	59,653	Jan. 15	126	1056
Adding and listing machines	Burroughs Adding Machine Co.	66,134	Nov. 12	131	686
Adhesive. Certain liquid	Robeson Process Company	62,594	May 14	128	881
Adhesive composition. Certain	Toronto Type Foundry Co.	66,731	Dec. 24	131	2140
Adhesives. Certain	E. G. Soltmann	60,318	Feb. 5	126	2182
Advertising calendars and blotters	Osborne Company	65,333	Sept. 17	130	973
Advertising-envelops	A. Dietz	61,404	Mar. 19	127	1249
Aerated waters, and juices, syrups, &c., for flavoring same	T. E. Lippincott	65,157	Sept. 10	130	650
Agricultural machinery and parts thereof. Certain	Taylor Iron & Steel Co.	60,382	Feb. 5	126	2184
Agricultural machinery. Certain	La Crosse Plow Co.	63,529	June 25	128	3282
Agricultural machinery. Certain	Advance Thresher Co.	65,347	Sept. 24	130	1303
Agricultural machinery. Certain	Advance Thresher Co.	65,348	Sept. 24	130	1303
Agricultural machinery. Certain parts of	Henry & Allen	62,197	Apr. 23	127	3211
Agricultural machines. Certain	Deere & Mansur Co.	60,751	Feb. 19	126	3036
Agricultural machines. Certain	Deere & Mansur Co.	60,789	Feb. 19	126	3037
Agricultural machines. Certain	Deere & Mansur Co.	60,790	Feb. 19	126	3037
Agricultural machines. Certain	International Harvester Company of America.	61,512	Mar. 26	127	1572
Albumen compound containing phosphorus	Farbwerke vorm. Meister Lucius & Brüning.	59,290	Jan. 1	126	384
Alcohol. Denatured	American Alcohol Company	59,527	Jan. 8	126	753
Alcohol. Denatured	U. S. Industrial Alcohol Co.	61,270	Mar. 12	127	842
Alcohol. Denatured	Woolner Distilling Co.	63,769	July 9	129	863
Ale	Conway Bros. Brewing & Malt-ing Co.	60,246	Jan. 29	126	1772
Ale	S. Liebmann's Sons Brewing Company.	61,265	Mar. 12	127	842
Ale	Frank Jones Brewing Company	61,377	Mar. 19	127	1248
Ale	Bartholomay Brewery Company	64,099	July 23	129	1605
Ale and porter	Walkerville Brewing Co.	64,435	Aug. 6	129	2496
Ale and root-beer. Ginger-	M. D. Batchelder	66,132	Nov. 12	131	686
Ale, beer, porter, and malt extract	Narragansett Brewing Company	59,413	Jan. 8	126	750
Ale. Ginger-	Read Brothers	59,140	Jan. 1	126	380
Ale. Ginger-	Rainbow Ale Company	60,913	Feb. 26	126	3416
Ale. Ginger-	A. W. Kaye	60,937	Feb. 26	126	3417
Ale. Ginger-	Christian Bros. Co.	64,132	July 23	129	1606
Ale. Ginger-	Forester Grocery Co.	65,608	Oct. 8	130	1684
Ale. Ginger-	American Beverage Co.	66,115	Nov. 12	131	685
Ale. Ginger-	J. House & Son	66,296	Nov. 19	131	937
Ale, porter, and brown stout	D. G. Yuengling & Son	63,252	June 11	128	2524
Ale, soda-water, and sarsaparilla. Ginger-	Cochran & Co.	60,895	Feb. 26	126	3416
Ale, stout, and porter	J. & R. Tennent	59,886	Jan. 22	126	1348
Ale, stout, and porter	J. & R. Tennent	59,887	Jan. 22	126	1349
Ales and porter	Oneida Brewing Co.	59,357	Jan. 8	126	748
Alizarin	G. W. Gilbert	66,366	Nov. 26	131	1155
Alloy	Ste. Ame. de Commentry Four-chambault et Decazeville.	63,970	July 16	129	1263
Alloy of nickel, manganese, and copper	Isabellenhütte G. m. b. H.	60,525	Feb. 12	126	2583
Alloy of nickel, manganese, and copper	Isabellenhütte G. m. b. H.	60,526	Feb. 12	126	2583
Alloy resembling silver	Queen Metal Company	62,653	May 21	128	1285
Alloy resembling silver	Queen Metal Company	62,654	May 21	128	1285
Alloys. Metallic	Phosphor-Bronze Smelting Co.	64,751	Aug. 20	129	3155
Almond-meal	Peroxident Manufacturing Com-pany.	62,285	Apr. 30	127	3636
Alternative	Dr. D. Jayne & Son	59,783	Jan. 15	126	1060
Alternative	Battle & Co., Chemists' Corpora-tion.	63,429	June 18	128	2831
Alternative iodine compound	Boeetti Frères	66,262	Nov. 19	131	936
Ammonia. Aqua	Columbia Chemical Works	60,715	Feb. 19	126	3035
Ammonia. Aqua	Columbia Chemical Works	61,007	Feb. 26	126	3419
Ammonia, bluing, starch, &c	Sherer-Gillett Company	62,915	May 28	128	1684
Analgesic	Farbenfabriken vorm. Friedr. Bayer & Co.	62,612	May 14	128	882
Analgesic and antipyretic	Ammonol Chemical Company	63,920	July 16	129	1261

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Title.	Name.	No.	Date.	Official Gazette.	
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Analgesic and antirheumatic	Farbenfabriken vorm. Friedr. Bayer & Co.	62,613	May 14	128	882
Anesthetic and analgesic	Abbott Alkaloidal Co.	65,286	Sept. 17	130	972
Anesthetic. Local	Dr. E. Bloch	60,157	Jan. 29	126	1769
Anesthetic. Local	H. Rosenberg	63,554	June 25	128	3283
Anesthetic preparations for hypodermic injections	New Brunswick Chemical Co.	61,034	Feb. 26	126	3419
Anesthetics	Andolin Gesellschaft mit beschränkter Haftung.	64,654	Aug. 20	129	3153
Anesthetics	Actien-Gesellschaft für Anilin-Fabrikation.	65,287	Sept. 17	130	972
Animal-dip	O. Robinson & Co.	62,463	May 7	128	451
Anodyne	Battle & Co., Chemists' Corporation.	63,428	June 18	128	2831
Anodyne powders	Dr. N. C. Davis Company	60,410	Feb. 5	126	2185
Antidote for ringworm and tetter	J. T. Shuptrine	59,549	Jan. 8	126	753
Antimony in ingots	Cookson & Company	65,719	Oct. 22	130	2505
Antimony, pig and sheet lead	Cookson & Company	65,718	Oct. 22	130	2365
Antipurulent	Battle & Co., Chemists' Corporation.	63,431	June 18	128	2831
Antipyretic, sedative, and anodyne	F. A. Luyties	63,559	June 25	128	3283
Antipyretic, stimulant, analgesic, and anodyne	C. Ammen	61,282	Mar. 12	127	842
Antirheumatic and analgesic	Farbenfabriken vorm. Friedr. Bayer & Co.	62,856	May 28	128	1683
Antiseptic	Farbwerke vorm. Meister Lucius & Brüning.	59,185	Jan. 1	126	381
Antiseptic and disinfectant substance	Chemische Fabrik auf Actien (vorm. E. Schering).	65,624	Oct. 15	130	2061
Antiseptic cleanser for artificial teeth	A. W. Austin	61,231	Mar. 12	127	841
Antiseptic compound	L. F. Piquett	63,583	June 25	128	3284
Antiseptic compound	Voigt & Co.	65,745	Oct. 22	130	2366
Antiseptic fluid	C. A. Siegemund	63,665	July 2	129	474
Antiseptic germicidal liquid	G. H. Koch	59,198	Jan. 1	126	382
Antiseptic, germicide, and astringent powders	Prophylactol Company	64,504	Aug. 13	129	2851
Antiseptic germicide and deodorant preparations	Peroxident Manufacturing Company.	63,420	June 18	128	2831
Antiseptic healing-powder	T. Maley	59,542	Jan. 8	126	753
Antiseptic liquor or solution	John Wyeth and Brother	60,028	Jan. 22	126	1352
Antiseptic mouth-wash	G. Evans	62,430	May 7	128	450
Antiseptic powder	Watchman & Reynolds	61,744	Apr. 2	127	1988
Antiseptic powder	J. S. Falck	62,470	May 7	128	451
Antiseptic powder	G. K. Pratt	66,110	Nov. 12	131	685
Antiseptic powders and ointments	W. J. McNally	60,037	Jan. 22	126	1352
Antiseptic preparation	Les Etablissements Poulenc Frères.	59,228	Jan. 1	126	382
Antiseptic preparation	American Chemical & Textile Coloring Co.	66,780	Dec. 31	131	2411
Antiseptic preparations. Certain	McKesson & Robbins	59,788	Jan. 15	126	1060
Antiseptic salve	Kas Mo Remedy Co.	60,030	Jan. 22	126	1352
Antiseptic salve	A. Obrock	61,172	Mar. 5	127	388
Antiseptic solution	John Wyeth and Brother	60,628	Feb. 12	126	2585
Antiseptic wash	W. E. Lewis	64,262	July 30	129	2069
Antiseptics	Ell Lilly & Company	59,578	Jan. 8	126	754
Antiseptics	Ell Lilly & Company	60,018	Jan. 22	126	1352
Antiseptics	A. Horowitz	61,705	Apr. 2	127	1987
Antiseptics	H. B. Claflin Company	63,932	July 16	129	1262
Antiseptics. Barbers'	R. W. Browne	65,471	Oct. 8	130	1681
Antiseptics, deodorants, and disinfectants	Chemische Fabrik auf Actien (vorm. E. Schering).	65,626	Oct. 15	130	2061
Antiseptics, disinfectants, and germicides	E. Bischoff	62,091	Apr. 16	127	2812
Antiseptics, disinfectants, deodorizers, &c	Kathairo Chemical Co.	61,927	Apr. 9	127	2390
Antiseptics. Dust-laying	Perolin Company of America.	63,663	July 2	129	474
Apparel. Certain wearing	Wolff & Glaserfeld	66,492	Dec. 3	131	1417
Apple-jack, otherwise known as cider-brandy	W. A. French	59,849	Jan. 22	126	1348
Apples	A. Kimball & Co.	65,401	Sept. 24	130	1304
Apples. Evaporated	J. W. Hallauer & Sons	60,655	Feb. 19	126	3033
Apples, pears, and quinces. Fresh	Shafer Fruit & Cold Storage Company.	63,986	July 16	129	1263
Aprons. Ladies'	Lincoln Overall and Shirt Co.	63,783	July 9	129	864
Art and ornament. Certain objects of	Gorham Manufacturing Company.	64,915	Aug. 27	129	3497
Asbestos-composition shingles, slate, and sheathing	Asbestos Shingle Slate & Sheathing Company.	65,862	Oct. 29	130	2713
Astringent and hemostatic	Farbwerke vorm. Meister Lucius & Brüning.	62,996	June 4	128	2078
Astringent for internal and external use	Rio Chemical Co.	63,012	June 4	128	2078
Atomizers	McKesson & Robbins	64,054	July 23	129	1603
Atomizers	McKesson & Robbins	64,528	Aug. 13	129	2852
Augers, auger and gimlet bits	Hibbard, Spencer, Bartlett & Company.	60,344	Feb. 5	126	2183
Automobile accessories. Certain	Appliance Mfg. Co.	65,206	Sept. 10	130	652
Automobile, carriage, and wagon springs	Supplementary Spiral Spring Company.	62,161	Apr. 23	127	3210
Automobile-hoods	J. R. Keiser	59,383	Jan. 8	126	749
Automobile shock-absorbers	H. C. Comstock	65,259	Sept. 17	130	971
Automobiles	Locomobile Company of America.	59,355	Jan. 8	126	748
Automobiles	Cie de l'Industrie Electrique & Mécanique.	60,129	Jan. 29	126	1769
Automobiles	Fairbanks, Morse & Company	60,518	Feb. 12	126	2583
Automobiles	M. Fischer & Cie. Automobilfabrik Turicum.	63,953	July 16	129	1262
Automobiles	Oesterreichische Daimler-Motoren-Gesellschaft Gesellschaft mit beschränkter Haftung.	66,337	Nov. 19	131	938
Automobiles	Hatfield Motor Vehicle Company.	66,439	Nov. 26	131	1157
Automobiles	De Luxe Motor Car Company	66,606	Dec. 17	131	1935

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Automobiles.....	Société Anonyme Ariès.....	66,611	Dec. 17	131	1935
Automobiles.....	Société Anonyme Ariès.....	66,612	Dec. 17	131	1936
Automobiles.....	Stevens-Duryea Company.....	66,790	Dec. 31	131	2411
Automobiles and parts thereof.....	Société Anonyme Des Anciens Etablissements Panhard & Le- vassor.....	61,503	Mar. 26	127	1572
Automobiles and parts thereof.....	G. Dumond.....	62,281	Apr. 30	127	3636
Automobiles and parts thereof.....	H. H. Franklin Mfg. Co.....	64,706	Aug. 20	129	3154
Automobiles and parts thereof, except rubber tires.....	Société Lorraine des Anciens Etablissements de Dietrich & Cie. de Lunéville.....	60,089	Jan. 29	126	1768
Automobiles and parts thereof, except rubber tires.....	Argus Motoren Gesellschaft Jean- nin & Co. Comm.-Ges.....	61,145	Mar. 5	127	388
Automobiles. Electric.....	Société Anonyme L'Electrique.....	59,417	Jan. 8	126	750
Automobiles, motor-cycles, cycles, and parts thereof, except rubber tires.....	Officine Türkheimer per Automo- bili e Velocipedi.....	59,497	Jan. 8	126	752
Awnings and tarpaulins.....	E. Rosenberg.....	60,709	Feb. 19	126	3035
Awnings, tents, canopies, &c.....	A. Mamaux & Son.....	63,817	July 9	129	865
Axes.....	George Worthington Company.....	59,027	Jan. 1	126	377
Axes.....	Collins Company.....	63,190	June 11	128	2522
Axes.....	Collins Company.....	63,191	June 11	128	2522
Axes.....	Collins Company.....	63,220	June 11	128	2523
Axes.....	Collins Company.....	63,221	June 11	128	2523
Axes.....	Collins Company.....	63,222	June 11	128	2523
Axes.....	C. D. McKinnon.....	64,037	July 23	129	1603
Axes.....	C. D. McKinnon.....	64,038	July 23	129	1603
Axes, adzes, and bill-hooks.....	A. W. Wills & Son.....	64,624	Aug. 13	129	2854
Axes, adzes, and bill-hooks.....	A. W. Wills & Son.....	64,625	Aug. 13	129	2854
Axle-grease.....	Leechburg Oil and Paint Com- pany.....	63,960	July 16	129	1263
Axles. Self-lubricating.....	New York Dash & Axle Manu- facturing Company.....	60,041	Jan. 22	126	1353
Bacon, ham, sausage, and lard.....	J. Dold Packing Co.....	65,805	Oct. 22	130	2367
Bacon, hams, shoulders, &c.....	Cleveland Provision Co.....	63,698	July 2	129	475
Bacon, hams, shoulders, &c.....	Cleveland Provision Co.....	63,699	July 2	129	475
Bactericide.....	Farbenfabriken vorm. Friedr. Bayer & Co.....	62,900	May 28	128	1684
Bagging.....	American Manufacturing Com- pany.....	62,166	Apr. 23	127	3210
Bakery products and cereal foods. Certain.....	Johnson Educator Food Co.....	62,186	Apr. 23	127	3210
Bakery products, cereal foods, and yeast. Certain.....	Citizens' Wholesale Supply Co.....	61,553	Mar. 26	127	1573
Bakery products. Certain named.....	Reiss & Brady.....	61,058	Mar. 5	127	385
Baking-powder.....	Southern Manufacturing Co.....	59,210	Jan. 1	126	382
Baking-powder.....	Southern Manufacturing Co.....	59,211	Jan. 1	126	382
Baking-powder.....	Kenton Baking Powder Co.....	59,785	Jan. 15	126	1060
Baking-powder.....	Sherer-Gillett Company.....	60,417	Feb. 5	126	2185
Baking-powder.....	Black Hawk Coffee & Spice Com- pany.....	61,724	Apr. 2	127	1987
Baking-powder.....	Grand Union Tea Co.....	62,220	Apr. 23	127	3211
Baking-powder.....	Pure Food Baking Powder Co.....	62,299	Apr. 30	127	3636
Baking-powder.....	Abraham & Straus.....	62,427	May 7	128	450
Baking-powder.....	Kenton Baking Powder Com- pany.....	62,943	May 28	128	1685
Baking-powder.....	Kenton Baking Powder Com- pany.....	63,198	June 11	128	2522
Baking-powder.....	Raimes & Company.....	63,758	July 9	129	863
Baking-powder.....	Cleveland Baking Powder Com- pany.....	63,803	July 9	129	864
Baking-powder.....	C. S. Morey Mercantile Company.....	63,923	July 16	129	1262
Baking-powder.....	Haas-Lieber Grocery Co.....	64,461	Aug. 6	129	2496
Baking-powder.....	Climax Coffee & Baking Powder Co.....	64,628	Aug. 13	129	2854
Baking-powder.....	Oliver-Finnie Co.....	64,858	Aug. 27	129	3496
Baking-powder.....	C. L. Dawes.....	64,873	Aug. 27	129	3496
Baking-powder.....	C. A. Murdock Mfg. Co.....	65,017	Sept. 3	130	294
Baking-powder.....	C. A. Murdock Mfg. Co.....	65,162	Sept. 10	130	651
Baking-powder.....	Oliver-Finnie Co.....	65,170	Sept. 10	130	651
Baking-powder.....	J. C. Grant Chemical Company.....	65,357	Sept. 24	130	1303
Baking-powder.....	Creamery Baking Powder Com- pany.....	65,627	Oct. 15	130	2061
Baking-powder.....	Geiger-Tinney Company.....	65,629	Oct. 15	130	2061
Baking-powder.....	St. Louis Coffee and Spice Mills.....	66,112	Nov. 12	131	685
Baking-powder.....	Fa Foam Baking Powder Co.....	66,786	Dec. 31	131	2411
Baking-powder and bicarbonate of soda.....	Hills Bros.....	62,998	June 4	128	2078
Baking-powder and bicarbonate of soda.....	Wabash Baking Powder Com- pany.....	66,113	Nov. 12	131	685
Baking-powder, bicarbonate of soda, &c.....	E. R. Durkee & Co.....	60,190	Jan. 29	126	1770
Baking-powder, lye, soda, &c.....	S. Hamill Company.....	64,687	Aug. 20	129	3154
Baling-presses.....	Smith & Sons Mfg. Co.....	62,819	May 28	128	1682
Balls. Base.....	M. Gropper & Sons.....	60,024	Jan. 22	126	1352
Balls. Golf.....	A. G. Spalding and Bros.....	62,085	Apr. 16	127	2812
Balls. Golf.....	B. F. Goodrich Company.....	65,668	Oct. 15	130	2062
Balms.....	Dodds Medicine Co. of U. S.....	64,660	Aug. 20	129	3153
Balsam.....	Dr. D. Jayne & Son.....	59,749	Jan. 15	126	1059
Balsams, purgatives, pastils, and anesthetics.....	J. Bengué.....	66,633	Dec. 17	131	1936
Bandages, supporters, and suspensories. Elastic.....	A. G. Spalding & Bros.....	62,630	May 21	128	1285
Bandages, supporters, and suspensories. Elastic.....	A. G. Spalding & Bros.....	62,631	May 21	128	1285
Bandages, supporters and suspensories. Elastic.....	A. G. Spalding & Bros.....	62,632	May 21	128	1285
Bands, undershirts, and caps. Children's textile.....	A. D. Smith.....	66,692	Dec. 24	131	2139
Barley.....	Schwabacher Bros. & Co.....	61,067	Mar. 5	127	386
Bath-sprays and overhead showers.....	S. Sternau & Co.....	62,993	June 4	128	2078
Bath-tubs with porcelain linings. Metal.....	United States Sanitary Manufac- turing Company.....	65,729	Oct. 22	130	2365
Batteries and plates for same. Storage.....	General Storage Battery Co.....	66,510	Dec. 10	131	1681
Batteries. Dry.....	French Battery Co.....	59,605	Jan. 15	126	1055
Batteries. Dry.....	National Carbon Company.....	62,178	Apr. 23	127	3210

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Batteries. Dry	Manhattan Electrical Supply Company.	62,907	May 28	128	1684
Batteries. Dry	Manhattan Electrical Supply Company.	62,908	May 28	128	1684
Batteries. Dry	Crown Battery Company	63,605	July 2	129	473
Batteries. Dry	G. A. Lutz Co.	66,333	Nov. 19	131	938
Batteries. Dry-cell	Wilson Electric Mfg. Co.	64,182	July 30	129	2067
Batteries. Electric	W. P. Seymour	64,621	Aug. 13	129	2854
Batteries. Electric	Ampere Manufacturing Co.	65,605	Oct. 8	130	1684
Batteries for local application. Hand	C. W. Taylor	65,690	Oct. 15	130	2063
Batteries or accumulators. Storage	Electric Storage Battery Company.	62,899	May 28	128	1684
Batteries, parts thereof, and fan-motors. Primary	Edison Manufacturing Company.	60,343	Feb. 5	126	2183
Bed and upholstery springs	Diamond Fabric Company of America.	61,557	Mar. 26	127	1573
Bed-bottoms. Spring	Atlanta Spring Bed Co.	64,957	Sept. 3	130	293
Bed-springs	Haggard & Marcusson Co.	66,409	Nov. 26	131	1156
Beds and couches and bed-springs	Sanitary Steel Couch Co.	66,477	Dec. 3	131	1417
Beef and bacon. Dried	New England Supply Co.	64,746	Aug. 20	129	3155
Beef. Corned and roast	Libby, McNeill & Libby.	66,800	Dec. 31	131	2411
Beef extracts	American Soda Fountain Company.	59,426	Jan. 8	126	750
Beef. Fluid	Patterson-Cabell Co.	62,046	Apr. 16	127	2811
Beef oil or fat	Schwarzschild & Sulzberger Company.	59,297	Jan. 1	126	384
Beef oil or fat	Schwarzschild and Sulzberger Co.	61,228	Mar. 12	127	841
Beef. Sliced smoked	F. W. Siebert	61,069	Mar. 5	127	386
Beer	George Weidemann Brewing Co. .	59,380	Jan. 8	126	749
Beer	Muessel Brewing Co.	59,544	Jan. 8	126	753
Beer	United Breweries Company	59,588	Jan. 8	126	754
Beer	Aurora Brewing Company	59,733	Jan. 15	126	1058
Beer	Fred Krug Brewing Company.	59,741	Jan. 15	126	1059
Beer	F. A. Poth & Sons	59,779	Jan. 15	126	1060
Beer	Muncie Brewing Co.	59,790	Jan. 15	126	1060
Beer	Muessel Brewing Co.	59,891	Jan. 22	126	1349
Beer	Actiengesellschaft Paulanerbräu (zum Salvatorkeller).	60,221	Jan. 29	126	1771
Beer	Actiengesellschaft Paulanerbräu (zum Salvatorkeller).	60,222	Jan. 29	126	1771
Beer	F. A. Poth & Sons	60,376	Feb. 5	126	2184
Beer	Uneda Brewing Co.	60,384	Feb. 5	126	2184
Beer	C. Kern Brewing Co.	60,386	Feb. 5	126	2184
Beer	J. G. Schemm Brewing Co.	60,768	Feb. 19	126	3036
Beer	V. Neustadt	60,940	Feb. 26	126	3417
Beer	Pittsburgh Brewing Company ..	61,139	Mar. 5	127	387
Beer	Actiengesellschaft Paulanerbräu (zum Salvatorkeller).	61,358	Mar. 19	127	1247
Beer	Fred Miller Brewing Co.	61,362	Mar. 19	127	1247
Beer	Standard Brewery Company of Baltimore City.	61,390	Mar. 19	127	1248
Beer	El Dorado Brewing Co.	61,480	Mar. 26	127	1571
Beer	Indianapolis Brewing Company ..	61,685	Apr. 2	127	1986
Beer	Indianapolis Brewing Company ..	61,901	Apr. 9	127	2389
Beer	A. J. Houghton Co.	62,165	Apr. 23	127	3210
Beer	Dick and Brothers Quincy Brewery Co.	62,204	Apr. 23	127	3211
Beer	Muncie Brewing Co.	62,208	Apr. 23	127	3211
Beer	G. Sedlmayr, Brauerei zum Spaten.	62,869	May 28	128	1683
Beer	G. Sedlmayr, Brauerei zum Spaten.	62,870	May 28	128	1683
Beer	E. Becker Brewing Company	63,376	June 18	128	2830
Beer	Portsmouth Brewing & Ice Co.	63,421	June 18	128	2831
Beer	J. Helleman Brewing Co.	63,492	June 25	128	3281
Beer	R. L. Ihlenburg	64,114	July 23	129	1605
Beer	Anheuser-Busch Brewing Association.	64,125	July 23	129	1605
Beer	Seattle Brewing & Malting Company.	64,228	July 30	129	2069
Beer	J. & P. Baltz Brewing Co.	64,387	Aug. 6	129	2494
Beer	J. & P. Baltz Brewing Co.	64,613	Aug. 13	129	2854
Beer	J. & P. Baltz Brewing Co.	64,614	Aug. 13	129	2854
Beer	Unionsbrauerei Schüleln & Co. Aktien-Gesellschaft.	64,639	Aug. 13	129	2855
Beer	St. Louis Brewing Association ..	64,805	Aug. 20	129	3157
Beer	New Orleans Brewing Company ..	64,838	Aug. 27	129	3495
Beer	Purity Brewing Company	64,881	Aug. 27	129	3496
Beer	Consumers' Brewing Co.	65,163	Sept. 10	130	651
Beer	Joseph Junk Brewing Company ..	65,561	Oct. 8	130	1683
Beer	Galveston Brewing Company	65,658	Oct. 15	130	2062
Beer	Northern Brewery Company	66,054	Nov. 5	131	355
Beer	Wm. Pfeifer Berlin Weiss Beer Co.	66,055	Nov. 5	131	355
Beer	Central Brewing Co.	66,067	Nov. 5	131	356
Beer	Union Brewing & Malting Co.	66,089	Nov. 5	131	356
Beer	Anheuser-Busch Brewing Association.	66,464	Dec. 3	131	1417
Beer	George Wiedemann Brewing Co. .	66,661	Dec. 17	131	1937
Beer	Ruehl Bros. Brewing Co.	66,690	Dec. 24	131	2139
Beer	Black Hills Brewing Co.	66,855	Dec. 31	131	2413
Beer	Stark-Tuscarawas Breweries Co. .	66,868	Dec. 31	131	2413
Beer, ale, and porter	Duluth Brewing & Malting Company.	59,841	Jan. 22	126	1347
Beer, ale, and porter	American Brewing Company of Rochester, N. Y.	64,415	Aug. 6	129	2495
Beer, ale, and porter	Lyon & Sons Brewing Co.	65,168	Sept. 10	130	651
Beer, ale, brown stout, and malt extract	Fred Feil Brewing Company	62,348	Apr. 30	127	3638

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Beer, ale, porter, and extract of malt	Duluth Brewing & Malting Company.	59,838	Jan. 22	126	1347
Beer, ale, porter, and extract of malt	Duluth Brewing & Malting Company.	59,839	Jan. 22	126	1347
Beer, ale, porter, and extract of malt	Duluth Brewing & Malting Company.	59,840	Jan. 22	126	1347
Beer, ale, stout, and malt extract. Lager-	S. Liebmans's Sons Brewing Company.	61,364	Mar. 19	127	1248
Beer and ale	Bartholomay Brewing Company.	64,188	July 30	129	2068
Beer and porter	T. B. Hall & Company	65,838	Oct. 22	130	2368
Beer and porter. Lager-	Hinckel Brewery Company	64,423	Aug. 6	129	2495
Beer and wine preservatives	A. Boake Roberts and Company	65,617	Oct. 15	130	2061
Beer. Bottled	Read Brothers	60,735	Feb. 19	126	3035
Beer. Lager-	Zeltner Brewing Co.	59,508	Jan. 8	126	752
Beer. Lager-	Fortune Bros. Brew. Co.	60,377	Feb. 5	126	2184
Beer. Lager-	Eastern Brewing Company	60,543	Feb. 12	126	2583
Beer. Lager-	Peter Schoenhofen Brewing Company.	60,942	Feb. 26	126	3417
Beer. Lager-	Leidiger Brewing Co.	61,256	Mar. 12	127	842
Beer. Lager-	Peter Schoenhofen Brewing Company.	61,387	Mar. 19	127	1248
Beer. Lager-	Louis Bergdoll Brewing Company.	66,864	Dec. 31	131	2413
Beer. Root-	S. G. Parker Company	60,613	Feb. 12	126	2585
Beer. Root-	Charles E. Hires Company	62,687	May 21	128	1286
Beer. Root-	American Beverage Co.	66,116	Nov. 12	131	685
Bells and parts thereof. Certain	J. G. Brill Company	66,424	Nov. 26	131	1157
Bells and push-buttons. Electrical	U. S. E. M. Co.	66,732	Dec. 24	131	2140
Bells, except electric bells	New Departure Manufacturing Company.	60,981	Feb. 26	126	3418
Bells, except electric bells	New Departure Manufacturing Company.	60,982	Feb. 26	126	3418
Belt-dressings	Black Diamond Manufacturing Company.	64,512	Aug. 13	129	2851
Belt-dressings	Sawyer Belting Company	66,186	Nov. 12	131	687
Belt dressings. Machine-	Atlas Specialty Company	59,082	Jan. 1	126	378
Belt-fasteners. Metallic	Bristol Co.	61,148	Mar. 5	127	388
Belt-fasteners. Metallic	Bristol Company	63,487	June 25	128	3281
Belts	Baum, Cohn and Shire	63,514	June 25	128	3282
Belts	A. Nahass	66,671	Dec. 17	131	1937
Belts. Abdominal	Anti Mal De Mer Belt Company.	63,692	July 2	129	475
Belts. Leather	S. Rauh & Company	64,864	Aug. 27	129	3496
Belts. Waist-	Kunstadter Bros.	63,366	June 18	128	2830
Belting	B. F. Goodrich Company	64,997	Sept. 3	130	294
Belting	B. F. Goodrich Company	64,998	Sept. 3	130	294
Belting	B. F. Goodrich Company	64,999	Sept. 3	130	294
Belting	B. F. Goodrich Company	65,000	Sept. 3	130	294
Belting and hose	B. F. Goodrich Company	64,996	Sept. 3	130	294
Belting dressings. Leather-	F. S. Walton Company	65,093	Sept. 10	130	649
Belting, hose, and machinery packing	Revere Rubber Company	66,237	Nov. 19	131	935
Belting, hose, and machinery packing, &c. Certain	B. F. Goodrich Company	61,245	Mar. 12	127	841
Belting, hose, and machinery packings	Revere Rubber Company	62,362	Apr. 30	127	3638
Belting. Leather	New York Leather Belting Co.	60,758	Feb. 19	126	3036
Belting. Leather	C. A. Schieren & Co.	61,453	Mar. 19	127	1250
Belting. Leather	Detroit Oak Belting Co.	63,828	July 9	129	865
Belting. Leather	Detroit Oak Belting Co.	63,872	July 9	129	866
Belting. Leather	C. A. Schieren & Co.	64,559	Aug. 13	129	2853
Belting. Leather	New York Leather Belting Co.	64,683	Aug. 20	129	3154
Belting. Leather	Graton and Knight Manufacturing Company.	64,895	Aug. 27	129	3497
Belting. Leather	W. T. Shackley & Son Co.	64,907	Aug. 27	129	3497
Belting. Leather	New York Leather Belting Co.	65,025	Sept. 3	130	294
Belting. Leather and fabric	J. E. Rhoads & Sons	65,028	Sept. 3	130	295
Belting. Machine-	Mount Vernon Belting Co.	66,769	Dec. 24	131	2141
Belting, packing, and washers. Leather	E. F. Houghton & Co.	60,767	Feb. 19	126	3036
Belting. Woven	Scandinavia Belting Co.	64,902	Aug. 27	129	3497
Bench-wringers	American Wringer Company	66,122	Nov. 12	131	686
Bending, shaping, and forging machines	Williams, White & Company	59,684	Jan. 15	126	1057
Bending, shaping, and forging machines	Williams, White & Company	59,945	Jan. 22	126	1350
Benzin, naphtha, and gasoline	Standard Oil Co. of New York	65,660	Oct. 15	130	2062
Benzoylguaiacol	Farbwerke vorm. Meister Lucius & Brüning.	65,165	Sept. 10	130	651
Beverage and syrup for making the same. Non-alcoholic carbonated	Moxie Nerve Food Company of New England.	62,295	Apr. 30	127	3636
Beverage, and syrup for same. Carbonated	R. Rose	65,306	Sept. 17	130	973
Beverage, and syrup for same. Carbonated	R. Rose	65,307	Sept. 17	130	973
Beverage, and syrup for same. Carbonated	R. Rose	65,308	Sept. 17	130	973
Beverage. Carbonated	Houppert & Worcester	63,033	June 4	128	2079
Beverage. Carbonated	J. S. McDaniel	64,792	Aug. 20	129	3156
Beverage. Carbonated	C. T. Piranio	66,884	Dec. 31	131	2413
Beverage. Non-alcoholic	O. Scholz	66,396	Nov. 26	131	1156
Beverage. Non-alcoholic carbonated	Pepsol Chemical Company	62,407	May 7	128	440
Beverage. Non-alcoholic carbonated	W. C. R. Turnbull	62,917	May 28	128	1684
Beverages and preparations for making same. Certain	H. C. Anderson	60,402	Feb. 5	126	2185
Beverages and preparations for making same. Certain	Oliver-Finnie Co.	65,088	Sept. 3	130	296
Beverages and syrups for making the same. Non-alcoholic carbonated	F. D. Baume	59,835	Jan. 22	126	1347
Beverages. Carbonated	Dixie Carbonating Co.	65,042	Sept. 3	130	295
Beverages. Certain	Hygeia Distilled Water Company.	59,253	Jan. 1	126	383
Beverages. Certain	Hygeia Distilled Water Company.	59,254	Jan. 1	126	383
Beverages. Certain	Pureoxia Company	59,728	Jan. 15	126	1058
Beverages. Certain	J. Graf	59,871	Jan. 22	126	1348
Beverages. Certain	A. Ludorff	60,432	Feb. 5	126	2186
Beverages. Certain	Blue Ribbon Mining, Milling, and Investment Co.	61,889	Apr. 9	127	2389
Beverages. Certain	Brooklyn Turkish Bath Company	63,517	June 25	128	3282

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Beverages. Certain carbonated	Conservenfabrik Lenzburg vorm. Henckell & Roth A. G.	65,671	Oct. 15	130	2062
Beverages. Certain non-alcoholic	P. Setzler & Sons.	62,199	Apr. 23	127	3211
Beverages containing caffeine. Non-alcoholic	Yermeth-Compagnie Lender & Co.	59,238	Jan. 1	126	383
Beverages having a chocolate flavor	H. W. Eliot.	59,377	Jan. 8	126	749
Beverages made from milk and cream	A. H. Thoumaian.	63,739	July 2	129	476
Beverages. Non-alcoholic	F. J. Dohrn.	66,286	Nov. 19	131	937
Bicycle crank-hangers	Great Western Manufacturing Company.	62,152	Apr. 23	127	3209
Bicycle crank-shafts, crank-hangers, sprockets, and bearings ..	Great Western Manufacturing Company.	60,326	Feb. 5	126	2183
Bicycles	Beckley-Ralston Company.	60,826	Feb. 19	126	3038
Bicycles	Great Western Manufacturing Company.	65,261	Sept. 17	130	971
Bicycles and automobiles	McIntosh Hardware Corp.	63,123	June 4	128	2081
Bicycles and parts thereof	Aurora Automatic Machinery Company.	60,006	Jan. 22	126	1352
Bicycles, velocipedes, and motor-cycles	Miami Cycle and Mfg. Co.	61,883	Apr. 9	127	2389
Bicycles, velocipedes, and motor-cycles	Miami Cycle and Mfg. Co.	61,903	Apr. 9	127	2389
Binders. Temporary	Kalamazoo Loose Leaf Binder Co.	63,957	July 16	129	1262
Biscuit	Austin Biscuit Company.	63,427	June 18	128	2831
Biscuit	National Biscuit Company.	64,597	Aug. 13	129	2854
Biscuit and cracker fruit fillings	H. A. Johnson & Co.	60,257	Feb. 5	126	2181
Biscuit. Fruit	National Biscuit Company.	61,529	Mar. 26	127	1572
Biscuits	National Biscuit Company.	63,286	June 11	128	2525
Biscuits	Standard Wafer Co.	66,032	Nov. 5	131	355
Biscuits and cakes	Tacoma Biscuit and Candy Company.	59,280	Jan. 1	126	384
Bismuth. Preparation of	H. K. Mulford Company.	66,102	Nov. 12	131	685
Bits and augers	Irwin Auger Bit Co.	62,840	May 28	128	1682
Bits and augers	Irwin Auger Bit Co.	65,244	Sept. 17	130	971
Bits, spurs, stirrups, buckles, and metal harness-trimmings ..	A. Buermann.	60,809	Feb. 19	126	3037
Bitters	Aschenbach & Miller.	59,531	Jan. 8	126	753
Bitters	A. Breslauer Company.	60,003	Jan. 22	126	1352
Bitters	P. A. Richter.	60,416	Feb. 5	126	2185
Bitters	McCart-Mosset Co.	61,195	Mar. 5	127	389
Bitters	I. Monheimer.	61,260	Mar. 12	127	842
Bitters	E. J. R. Exner.	61,682	Apr. 2	127	1986
Bitters	J. von Fehren.	61,770	Apr. 2	127	1988
Bitters	B. Winter.	61,795	Apr. 2	127	1989
Bitters	W. H. Muller.	61,930	Apr. 9	127	2390
Bitters	Bay View Wine Co.	62,216	Apr. 23	127	3211
Bitters	A. Breslauer Company.	62,235	Apr. 23	127	3212
Bitters	Union Wholesale Liquor Co.	62,628	May 14	128	882
Bitters	Dr. J. G. B. Siegert & Hijos.	63,312	June 11	128	2525
Bitters	Foster, Milburn Co.	63,417	June 18	128	2831
Bitters	Campari Fratelli.	63,590	June 25	128	3284
Bitters	M. Rothenberg.	65,859	Oct. 29	130	2713
Bitters	Aschenbach & Miller.	65,957	Nov. 5	131	353
Bitters	J. L. Rosenfield.	66,276	Nov. 19	131	936
Bitters	J. Wagner & Sons.	66,463	Nov. 26	131	1158
Bitters	Charles Jacquin et Cie.	66,499	Dec. 10	131	1681
Bitters	Charles Jacquin et Cie.	66,500	Dec. 10	131	1681
Bitters, appetizers, and blood-purifiers	P. Van Hecke.	60,182	Jan. 29	126	1770
Bitters. Stomach	T. Lappe.	61,168	Mar. 5	127	388
Bitters. Stomach	Hostetter Company.	62,618	May 14	128	882
Bitters. Stomach	Dr. T. Hartwig.	65,737	Oct. 22	130	2365
Bitters. Stomach	A. Fischer.	66,835	Dec. 31	131	2412
Blackboards	E. G. Soltmann.	59,955	Jan. 22	126	1350
Blacking and dressing for boots, shoes, and leather	C. G. de Tonnancour.	66,191	Nov. 12	131	687
Blacking. Boot and shoe	Herriott Bros. & Co.	64,087	July 23	129	1604
Blacking. Boot and shoe	Herriott Bros. & Co.	64,088	July 23	129	1604
Blankets and rugs. Woolen	T. F. Firth & Sons.	64,601	Aug. 13	129	2854
Blankets. Bed and wrapper	T. Kelly & Co.	63,280	June 11	128	2524
Blankets, comfortables, and eiderdown piece goods	Beacon Manufacturing Co.	62,895	May 28	128	1684
Blasting-machines and electric batteries	Eastern Dynamite Company.	60,974	Feb. 26	126	3418
Blasting-machines and insulating-wire. Electric	Eastern Dynamite Company.	64,606	Aug. 13	129	2854
Bleaching compounds	A. Castaing.	60,225	Jan. 29	126	1771
Bleaching, reducing, &c. Chemicals used in	Badische Anilin & Soda Fabrik.	63,256	June 11	128	2524
Blocks or bricks. Boxes of	K. M. Seifert.	59,944	Jan. 22	126	1350
Blood-purifier	G. G. Sanchez.	59,275	Jan. 1	126	384
Blood-purifier	G. F. Gehring.	60,836	Feb. 19	126	3038
Blood-purifier	H. F. Miller.	64,146	July 23	129	1606
Blouses and waists. Boys'	Lubell Bros.	59,704	Jan. 15	126	1058
Blue. Ball	Heller & Merz Co.	60,752	Feb. 19	126	3036
Blue. Laundry	N. Thestrup.	59,213	Jan. 1	126	382
Blue. Laundry	Ripley & Sons.	59,547	Jan. 8	126	753
Blue. Laundry	Hargreaves Bros. & Co.	62,095	Apr. 16	127	2812
Blue. Washing	Sawyer Crystal Blue Company.	61,328	Mar. 12	127	844
Blue. Washing	Webb Manufacturing Company.	63,763	July 9	129	863
Bluing	L. Ford & Co.	63,270	June 11	128	2524
Bluing. Laundry	Bluing Paddle Co.	64,128	July 23	129	1605
Boards. Certain wooden	J. Lonke.	65,655	Oct. 15	130	2062
Boats and road-vehicles. Certain named	E. Gentil.	59,474	Jan. 8	126	751
Boiler-cleaning compounds	Zephon Chemical Compound Company.	59,526	Jan. 8	126	753
Boiler-cleaning compounds	John Callahan & Co.	60,793	Feb. 19	126	3037
Boiler-cleaning compound	Davis and Day Engineering Company.	61,403	Mar. 19	127	1249
Boiler-cleaning compounds	Freeport Plumbing and Heating Co.	65,019	Sept. 3	130	294
Boiler compound. Vegetable	Canton Paint & Varnish Company.	59,285	Jan. 1	126	384
Boiler disinfecting and cleansing substances	J. Elizondo.	65,355	Sept. 24	130	1303
Boiler injectors. Steam	Ohio Injector Company.	61,712	Apr. 2	127	1987

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Boiler-preserving compound	Van de Sandt Mfg. & Supply Co.	59,525	Jan. 8	126	753
Boilers, furnaces, and parts thereof. Certain	Continental Iron Works	62,507	May 14	128	879
Boilers. Hot-water and steam	Oswego Boiler & Engine Co.	60,686	Feb. 19	126	3034
Boilers. Hot-water and steam	Wm. H. Page Boiler Co.	64,673	Aug. 20	129	3153
Boilers. Hot-water and steam	Wm. H. Page Boiler Co.	64,691	Aug. 20	129	3154
Boilers. Steam	Atlas Engine Works	59,692	Jan. 15	126	1057
Boilers. Steam and hot-water	Prudential Heating Company	61,396	Mar. 19	127	1248
Boilers. Water-tube	McNeil Boiler Company	62,697	May 21	128	1287
Bolting-cloth. Silk	R. L. Latimer & Co.	65,068	Sept. 3	130	296
Bonbons and chocolates	P. Conida	64,931	Aug. 27	129	3498
Bookbinders' cloth	Winterbottom Book Cloth Company.	63,791	July 9	129	864
Bookcases and parts thereof	Globe-Wernicke Company	62,536	May 14	128	880
Bookcases, filing-cabinets, document-boxes, &c	Globe-Wernicke Company	63,230	June 11	128	2523
Books	G. P. Putnam's Sons	63,195	June 11	128	2522
Books and pamphlets	Collver Tours Company	61,665	Apr. 2	127	1986
Books. Law	American Law Book Company	61,593	Mar. 26	127	1574
Books. Narrative and story	L. C. Page & Company	59,826	Jan. 22	126	1347
Books, pamphlets, and circulars. Printed	Rogers & Company	64,797	Aug. 20	129	3157
Books, pamphlets, lithographs, &c	Brooklyn Daily Eagle	63,891	July 16	129	1261
Books. Printed	Dodge Publishing Company	59,823	Jan. 22	126	1347
Books. Printed	Cupples & Leon	61,842	Apr. 9	127	2388
Books. Printed	John Murphy Company	66,764	Dec. 24	131	2141
Books. Sales-	Carter-Crume Company	62,393	May 7	128	449
Books. Sales-	Pacific Manifolding Book Company.	64,367	Aug. 6	129	2494
Books. School-	Masterson, Grieswold & Moore	64,092	July 23	129	1604
Boot and shoe heel-plates. Metal	L. Sacks	59,041	Jan. 1	126	377
Boot and shoe polish	M. J. McCormack	59,071	Jan. 1	126	378
Boot and shoe polishes and dressings	E. J. Reilly	64,558	Aug. 13	129	2853
Boot and shoe trees, shoe-forms, &c	O. A. Miller Treering Machine Company.	65,704	Oct. 15	130	2063
Boot, shoe, and leather polish	Pittsburgh Waterproof Shoe Polish Company.	62,731	May 21	128	1287
Boots and shoes and leather. Leather	A. W. Shaw & Co.	62,914	May 28	128	1684
Boots and shoes. Ladies' leather	Stewart & Co.	66,111	Nov. 12	131	685
Boots and shoes. Leather	A. W. Tedcastle & Co.	59,075	Jan. 1	126	378
Boots and shoes. Leather	W. W. Spaulding & Co.	59,123	Jan. 1	126	380
Boots and shoes. Leather	T. D. Barry & Co.	59,397	Jan. 8	126	749
Boots and shoes. Leather	Locke Shoe Company	59,486	Jan. 8	126	752
Boots and shoes. Leather	J. E. Bates & Co.	59,532	Jan. 8	126	753
Boots and shoes. Leather	Hovt, Rowe & Co.	59,702	Jan. 15	126	1058
Boots and shoes. Leather	N. B. Thayer & Co.	59,842	Jan. 22	126	1347
Boots and shoes. Leather	Samuel Gans Company	60,348	Feb. 5	126	2183
Boots and shoes. Leather	Jos. Rosenheim Shoe Co.	60,360	Feb. 5	126	2184
Boots and shoes. Leather	Jos. Rosenheim Shoe Co.	60,361	Feb. 5	126	2184
Boots and shoes. Leather	Jos. Rosenheim Shoe Co.	60,362	Feb. 5	126	2184
Boots and shoes. Leather	Jos. Rosenheim Shoe Co.	60,363	Feb. 5	126	2184
Boots and shoes. Leather	Luddy & Currier	60,365	Feb. 5	126	2184
Boots and shoes. Leather	Geo. N. La Bonte Shoe Co.	60,477	Feb. 12	126	2581
Boots and shoes. Leather	Menzies Shoe Co.	60,538	Feb. 12	126	2583
Boots and shoes. Leather	Jos. Rosenheim Shoe Co.	60,755	Feb. 19	126	3036
Boots and shoes. Leather	Jones Dry Goods Co.	60,794	Feb. 19	126	3037
Boots and shoes. Leather	F. Valdes & Co.	60,801	Feb. 19	126	3037
Boots and shoes. Leather	Williams Hovt & Co.	60,915	Feb. 26	126	3416
Boots and shoes. Leather	Lynchburg Shoe Co.	60,996	Feb. 26	126	3418
Boots and shoes. Leather	Geo. D. Witt Shoe Co.	61,111	Mar. 5	127	387
Boots and shoes. Leather	Guthmann Carpenter & Telling	61,113	Mar. 5	127	387
Boots and shoes. Leather	E. Phelps, Jr.	61,118	Mar. 5	127	387
Boots and shoes. Leather	Geo. D. Witt Shoe Co.	61,192	Mar. 5	127	389
Boots and shoes. Leather	E. Z. Shoe Company	61,416	Mar. 19	127	1249
Boots and shoes. Leather	Utz & Dunn	61,456	Mar. 19	127	1250
Boots and shoes. Leather	H. L. Purdy	61,575	Mar. 26	127	1574
Boots and shoes. Leather	Regal Shoe Company	61,608	Mar. 26	127	1574
Boots and shoes. Leather	C. K. Fox	61,748	Apr. 2	127	1988
Boots and shoes. Leather	C. K. Fox	61,749	Apr. 2	127	1988
Boots and shoes. Leather	A. W. Tedcastle & Co.	61,863	Apr. 9	127	2388
Boots and shoes. Leather	Vinsonhaler Shoe Co.	61,976	Apr. 16	127	2809
Boots and shoes. Leather	Bay State Shoe & Leather Co.	62,125	Apr. 23	127	3209
Boots and shoes. Leather	Dixon Bartlett Co.	62,131	Apr. 23	127	3209
Boots and shoes. Leather	Locke Shoe Company	62,134	Apr. 23	127	3209
Boots and shoes. Leather	W. Read & Sons	62,137	Apr. 23	127	3209
Boots and shoes. Leather	Smith-Briscoe Shoe Company	62,414	May 7	128	449
Boots and shoes. Leather	Dixon-Bartlett Co.	62,508	May 14	128	879
Boots and shoes. Leather	W. J. Newman	62,622	May 14	128	882
Boots and shoes. Leather	Drake & Co.	62,636	May 21	128	1285
Boots and shoes. Leather	Smith-Briscoe Shoe Company	62,644	May 21	128	1285
Boots and shoes. Leather	B. Rosenberg & Sons	62,655	May 21	128	1285
Boots and shoes. Leather	Lynchburg Shoe Co.	62,798	May 28	128	1681
Boots and shoes. Leather	Hand Made Boot & Shoe Co.	62,940	May 28	128	1685
Boots and shoes. Leather	Spear Brothers Co.	63,027	June 4	128	2079
Boots and shoes. Leather	Guthmann Carpenter & Telling	63,096	June 4	128	2081
Boots and shoes. Leather	B. A. Corbin & Son Company	63,114	June 4	128	2081
Boots and shoes. Leather	Roberts, Johnson & Rand Shoe Company.	63,130	June 4	128	2082
Boots and shoes. Leather	Endicott-Johnson Company	63,152	June 11	128	2521
Boots and shoes. Leather	Leonard, Shaw & Dean	63,238	June 11	128	2523
Boots and shoes. Leather	Charles Meis Shoe Co.	63,362	June 18	128	2830
Boots and shoes. Leather	A. Gunderson	63,379	June 18	128	2830
Boots and shoes. Leather	Jos. Rosenheim Shoe Co.	63,382	June 18	128	2830
Boots and shoes. Leather	Endicott-Johnson Company	63,468	June 25	128	3281
Boots and shoes. Leather	Michigan Shoe Company	63,472	June 25	128	3281
Boots and shoes. Leather	Payne Shoe Company	63,473	June 25	128	3281
Boots and shoes. Leather	Hollins Sons & Co.	63,729	July 2	129	476
Boots and shoes. Leather	Roberts, Johnson & Rand Shoe Company.	63,838	July 9	129	865
Boots and shoes. Leather	Bentley & Olmsted Company	63,849	July 9	129	865

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Boots and shoes. Leather	Selby Shoe Company	64,022	July 16	129	1264
Boots and shoes. Leather	International Shoe Company	64,195	July 30	129	2068
Boots and shoes. Leather	Endicott-Johnson Co	64,219	July 30	129	2068
Boots and shoes. Leather	Endicott-Johnson Company	64,335	Aug. 6	129	2493
Boots and shoes. Leather	Bentley and Olmsted Company	64,348	Aug. 6	129	2493
Boots and shoes. Leather	Friedman-Shelby Shoe Co.	64,357	Aug. 6	129	2494
Boots and shoes. Leather	Bentley & Olmsted Company	64,539	Aug. 13	129	2852
Boots and shoes. Leather	J. K. Orr Shoe Company	64,554	Aug. 13	129	2852
Boots and shoes. Leather	W. M. Laird Company	64,563	Aug. 13	129	2853
Boots and shoes. Leather	Wichert & Gardiner	64,578	Aug. 13	129	2853
Boots and shoes. Leather	Craddock-Terry Company	64,587	Aug. 13	129	2853
Boots and shoes. Leather	Craddock-Terry Company	64,588	Aug. 13	129	2853
Boots and shoes. Leather	Bloomington Bros.	64,771	Aug. 20	129	3156
Boots and shoes. Leather	E. W. Burt & Co.	64,779	Aug. 20	129	3156
Boots and shoes. Leather	American Shoe & Hat Co.	64,911	Aug. 27	129	3497
Boots and shoes. Leather	Smith-Wallace Shoe Company	64,973	Sept. 3	130	293
Boots and shoes. Leather	Holland Shoe Company	65,319	Sept. 17	130	973
Boots and shoes. Leather	Palace Clothing Company	65,455	Sept. 24	130	1306
Boots and shoes. Leather	Smith-Briscoe Shoe Company	65,458	Sept. 24	130	1306
Boots and shoes. Leather	Smith-Wallace Shoe Company	65,459	Sept. 24	130	1306
Boots and shoes. Leather	Smith-Wallace Shoe Company	65,460	Sept. 24	130	1306
Boots and shoes. Leather	J. L. Walker & Co.	65,516	Oct. 8	130	1682
Boots and shoes. Leather	Geo. G. Snow Co.	65,574	Oct. 15	130	2062
Boots and shoes. Leather	International Shoe Company	65,740	Oct. 22	130	2365
Boots and shoes. Leather	Regal Shoe Company	65,796	Oct. 22	130	2367
Boots and shoes. Leather	Selz, Schwab & Company	65,863	Oct. 29	130	2713
Boots and shoes. Leather	Selz, Schwab & Company	65,864	Oct. 29	130	2713
Boots and shoes. Leather	Selz, Schwab & Company	65,865	Oct. 29	130	2713
Boots and shoes. Leather	Selz, Schwab & Company	65,866	Oct. 29	130	2713
Boots and shoes. Leather	Smith-Wallace Shoe Company	65,869	Oct. 29	130	2713
Boots and shoes. Leather	Drake-Inness-Green Shoe Co.	65,878	Oct. 29	130	2713
Boots and shoes. Leather	Drake-Inness-Green Shoe Co.	65,879	Oct. 29	130	2713
Boots and shoes. Leather	Bentley & Olmsted Company	65,986	Nov. 5	131	353
Boots and shoes. Leather	Selz, Schwab & Company	66,009	Nov. 5	131	354
Boots and shoes. Leather	Selz, Schwab & Company	66,010	Nov. 5	131	354
Boots and shoes. Leather	A. W. Tedcastle & Co.	66,012	Nov. 5	131	354
Boots and shoes. Leather	Courtney Shoe Co.	66,095	Nov. 12	131	685
Boots and shoes. Leather	Cosby Shoe Co.	66,227	Nov. 19	131	935
Boots and shoes. Leather	Cosby Shoe Co.	66,228	Nov. 19	131	935
Boots and shoes. Leather	Cosby Shoe Co.	66,229	Nov. 19	131	935
Boots and shoes. Leather	Cosby Shoe Co.	66,230	Nov. 19	131	935
Boots and shoes. Leather	Kerens Shoe Co.	66,234	Nov. 19	131	935
Boots and shoes. Leather	Cosby Shoe Co.	66,356	Nov. 26	131	1155
Boots and shoes. Leather	Cosby Shoe Co.	66,503	Dec. 10	131	1681
Boots and shoes. Leather	J. N. Winchell & Co.	66,518	Dec. 10	131	1681
Boots and shoes. Leather	O. H. Kraeger	66,578	Dec. 10	131	1683
Boots and shoes. Leather	Selz, Schwab & Company	66,674	Dec. 17	131	1937
Boots and shoes. Leather	Tracy Shoe Co.	66,676	Dec. 17	131	1937
Boots and shoes. Leather	H. J. Lang	66,765	Dec. 24	131	2141
Boots and shoes. Leather	H. J. Lang	66,766	Dec. 24	131	2141
Boots and shoes. Leather	Luddy & Currier	66,767	Dec. 24	131	2141
Boots and shoes. Leather	W. B. Cosgrave Shoe Co.	66,777	Dec. 24	131	2141
Boots and shoes. Leather	W. B. Cosgrave Shoe Co.	66,778	Dec. 24	131	2141
Boots and shoes. Leather	Haynes, Sparrell & Co.	66,877	Dec. 31	131	2413
Boots and shoes. Leather and canvas	Peoples Shoe Co.	61,973	Apr. 16	127	2809
Boots and shoes. Leather and canvas	Isaac Prouty & Company	65,320	Sept. 17	130	973
Boots and shoes. Leather and cloth	Geo. F. Dittmann Boot & Shoe Company.	60,547	Feb. 12	126	2553
Boots and shoes made in whole or in part of leather	A. E. Little & Company	60,903	Feb. 26	126	3416
Boots and shoes. Men's leather	Huckins, Temple & Wood	61,972	Apr. 16	127	2809
Boots and shoes, slippers, and soles therefor. Certain	Edwin C. Burt Company	64,780	Aug. 20	129	3156
Boots and shoes. Women's and misses' leather	Thomas G. Plant Company	59,586	Jan. 8	126	754
Boots and shoes. Women's, misses', and children's leather	F. Valdes & Co.	61,429	Mar. 19	127	1249
Boots. Felt	W. B. Cosgrave Shoe Co.	61,977	Apr. 16	127	2809
Boots, shoes, and footwear. Leather	Treadwell Shoe Company	65,661	Oct. 15	130	2062
Boots, shoes, and oxfords. Leather	F. Valdes & Co.	61,271	Mar. 12	127	842
Boots, shoes, and slippers. Certain	J. Donovan & Co.	66,658	Dec. 17	131	1937
Boots, shoes, and slippers. Ladies' leather	T. H. Maxwell	60,926	Feb. 26	126	3417
Boots, shoes, and slippers. Leather	Slater Shoe Company	59,678	Jan. 15	126	1057
Boots, shoes, and slippers. Leather	Parker Holmes & Company	59,708	Jan. 15	126	1058
Boots, shoes, and slippers. Leather	Parker Holmes & Company	59,709	Jan. 15	126	1058
Boots, shoes, and slippers. Leather	J. E. & W. G. Wesson	60,418	Feb. 5	126	2185
Boots, shoes, and slippers. Leather	Preston B. Keith Shoe Company	60,435	Feb. 5	126	2186
Boots, shoes, and slippers. Leather	M. J. Meyer & Co.	60,459	Feb. 12	126	2581
Boots, shoes, and slippers. Leather	Slater Shoe Company	60,929	Feb. 26	126	3417
Boots, shoes, and slippers. Leather	Rapp Shoe Company	60,944	Feb. 26	126	3417
Boots, shoes, and slippers. Leather	Paul Brothers	60,963	Feb. 26	126	3417
Boots, shoes, and slippers. Leather	Paul Brothers	60,964	Feb. 26	126	3418
Boots, shoes, and slippers. Leather	Paul Brothers	60,999	Feb. 26	126	3418
Boots, shoes, and slippers. Leather	Paul Brothers	61,134	Mar. 5	127	387
Boots, shoes, and slippers. Leather	Paul Brothers	61,135	Mar. 5	127	387
Boots, shoes, and slippers. Leather	Paul Brothers	61,136	Mar. 5	127	387
Boots, shoes, and slippers. Leather	Paul Brothers	61,138	Mar. 5	127	387
Boots, shoes, and slippers. Leather	Paul Brothers	61,623	Mar. 26	127	1575
Boots, shoes, and slippers. Leather	A. De Pinna Company	61,970	Apr. 16	127	2809
Boots, shoes, and slippers. Leather	Slater Shoe Company	62,871	May 28	128	1683
Boots, shoes, and slippers. Leather	Paul Brothers	63,025	June 4	128	2079
Boots, shoes, and slippers. Leather	Paul Brothers	63,242	June 11	128	2523
Boots, shoes, and slippers. Leather	Hollins Sons & Co.	63,730	July 2	129	476
Boots, shoes, and slippers. Leather	Paul Brothers	64,071	July 23	129	1604
Boots, shoes, and slippers. Leather	Sackman Bros.	64,344	Aug. 6	129	2493
Boots, shoes, and slippers. Leather	Paul Brothers	64,368	Aug. 6	129	2494
Boots, shoes, and slippers. Leather	F. Valdes & Co.	64,371	Aug. 6	129	2494
Boots, shoes, and slippers. Leather	F. Valdes & Co.	64,372	Aug. 6	129	2494
Boots, shoes, and slippers. Leather	F. Valdes & Co.	64,373	Aug. 6	129	2494
Boots, shoes, and slippers. Leather	Morse & Rogers	64,555	Aug. 13	129	2852

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Boots, shoes, and slippers. Leather	Paul Brothers	64,557	Aug. 13	129	2852
Boots, shoes, and slippers. Leather	W. Bernstein	64,959	Sept. 3	130	293
Boots, shoes, and slippers. Leather	F. Valdes & Co.	65,154	Sept. 10	130	650
Boots, shoes, and slippers. Leather	Powell Brothers Shoe Company	65,338	Sept. 17	130	397
Boots, shoes, and slippers. Leather	Powell Brothers Shoe Company	65,509	Oct. 8	130	1682
Boots, shoes, and slippers. Leather	Upham Bros. Co.	65,775	Oct. 22	130	2366
Boots, shoes, and slippers. Leather	M. D. Wells Co.	66,667	Dec. 17	131	1937
Boots, shoes, slippers, and leggings. Leather	Miller Hapgood Shoe Co.	66,005	Nov. 5	131	354
Boots, shoes, slippers, and sandals	F. P. Kirkendall & Co.	61,747	Apr. 2	127	1988
Bottle-nipples	Faultless Rubber Company	66,436	Nov. 26	131	1157
Bottle-openers. Metal	A. W. Stephens Manufacturing Co.	62,765	May 21	128	1288
Bottle-stopper. Metallic	Crown Cork and Seal Co. of Baltimore City	61,892	Apr. 9	127	2389
Bottle-stoppers. Metallic	New York Specialty Co.	60,983	Feb. 26	126	3418
Bottle-stoppers. Metallic cork-lined	Crown Cork & Seal Company	59,021	Jan. 1	126	377
Bottles, flasks, and laboratory glassware. Graduated testing	C. Wagner	60,206	Jan. 29	126	1771
Bottles for aerated waters, &c	Aerators Limited	63,482	June 25	128	3281
Bouillon	Maggi Co.	60,280	Feb. 5	126	2181
Bouillon. Oyster	A. Radel	59,389	Jan. 8	126	749
Bows, arrows, and targets	H. N. Anderson	62,100	Apr. 16	127	2812
Boxes. Folding	Atlas Manufacturing Company	59,596	Jan. 15	126	1055
Boxes. Pulp-board	Roberts Lumber Co.	63,839	July 9	129	865
Boxes. Wooden	E. B. Estes & Sons	59,635	Jan. 15	126	1056
Braces, hammers, screw-drivers, and picks	George Worthington Company	64,608	Aug. 13	129	2854
Bran	Wells Flour Milling Company	60,300	Feb. 5	126	2182
Brandies	Wm. Hoelscher and Co.	65,079	Sept. 3	130	296
Brandy	J. Dupont & Co.	60,411	Feb. 5	126	2185
Brandy	Girard & Co.	62,003	Apr. 16	127	2810
Brandy	Barton Vineyard Company	66,617	Dec. 17	131	1936
Brandy and cordials. Blackberry	Rheinstrom, Bettman, Johnson & Co.	61,098	Mar. 5	127	386
Brandy. Apricot	J. Bigourdan	60,223	Jan. 29	126	1771
Brandy. Apricot	Weideman Company	60,782	Feb. 19	126	3037
Brandy. Apricot	Page & Sandeman	62,334	Apr. 30	127	3637
Brandy. Apricot	Societe Anonyme de la Grande Distillerie E. Cusenier Fils Aine et Compagnie.	62,336	Apr. 30	127	3637
Brandy, cordial, whisky, and gin	Liebethal Bros. & Co.	61,993	Apr. 16	127	2809
Brandy liqueur	H. Taylor & Co.	63,756	July 9	129	863
Brandy, rum, and gin	Ullman-Einstein Co.	63,038	June 4	128	2079
Brass rods	Plume & Atwood Mfg. Co.	60,140	Jan. 29	126	1769
Brattice-cloth	Edward Macbean & Co.	62,854	May 28	128	1683
Bread	I. Kuhn	59,445	Jan. 8	126	751
Bread	Fleischmanns Vienna Model Bakery.	59,738	Jan. 15	126	1059
Bread	I. R. Bergeron	61,551	Mar. 26	127	1573
Bread	F. Fuller	61,648	Apr. 2	127	1985
Bread	F. Fuller	61,658	Apr. 2	127	1985
Bread	Brenneman Baking Company	62,570	May 14	128	881
Bread	Middleton Baking Co.	62,580	May 14	128	881
Bread	E. Young	63,823	July 9	129	865
Bread	F. Nielsen	63,862	July 9	129	866
Bread	Schulze Baking Co.	63,944	July 16	129	1262
Bread	N. E. Smith	63,987	July 16	129	1263
Bread	F. Wedehase	64,294	July 30	129	2070
Bread	Papendick & Co.	64,314	July 30	129	2071
Bread	Nolde Brothers	64,573	Aug. 13	129	2853
Bread	F. L. Shepard	64,759	Aug. 20	129	3156
Bread	H. Matthaei	64,919	Aug. 27	129	3497
Bread	Lloyd Bros.	65,138	Sept. 10	130	650
Bread	H. Matthaei	65,536	Oct. 8	130	1682
Bread	H. Matthaei	66,048	Nov. 5	131	355
Bread	Eagle Roller Mill Company	66,169	Nov. 12	131	687
Bread	R. C. Proudfit Baking Company	66,306	Nov. 19	131	937
Bread	G. S. Ward	66,693	Dec. 24	131	2139
Bread and biscuit	National Biscuit Company	65,141	Sept. 10	130	650
Bread and biscuits	Callard, Stewart and Watt	65,502	Oct. 8	130	1682
Bread and cakes	R. M. Morton	66,178	Nov. 12	131	687
Bread and crackers	Geo. H. Cross Co.	66,292	Nov. 19	131	937
Bread and rolls	Corby Brothers	59,433	Jan. 8	126	750
Bread-boards	J. F. Newland	63,881	July 9	129	866
Bread, cakes, biscuits, and crackers	Stewart Bread Co.	60,464	Feb. 12	126	2581
Bread. Comminuted, desiccated	H. Taylor	59,281	Jan. 1	126	384
Bread, crackers, yeast, and cereal breakfast food	F. Gardner	59,440	Jan. 8	126	750
Bread. Pumpnickel	A. Hoffmann	64,113	July 23	129	1605
Bread. Wheat	H. Richter	62,665	May 21	128	1286
Brewers' pitch	Busch-Freund Brewers' Supply Co.	59,243	Jan. 1	126	383
Brewers' pitch	British-American Co.	59,774	Jan. 15	126	1060
Brick. Fire	Duparquet, Huot & Moneuse Co.	66,858	Dec. 31	131	2413
Bricks	Shawmut Mining Company	62,489	May 7	128	451
Bricks or blocks. Building	Ohio Mining and Manufacturing Co.	60,997	Feb. 26	126	3418
Bricks or blocks. Building	Ohio Mining & Manufacturing Co.	65,104	Sept. 10	130	649
Bricks or blocks. Building	Ohio Mining & Manufacturing Co.	66,253	Nov. 19	131	936
Brickmaking machinery	Morris Sherman Manufacturing Company	63,126	June 4	128	2081
Brickmaking machinery	Morris Sherman Manufacturing Company	63,127	June 4	128	2081
Bristles	C. Schmitz & Co.	66,526	Dec. 10	131	1682
Broadcloth, casket, carriage, and cap cloth	Airedale Mills Company	62,526	May 14	128	879
Broadcloths	M. Rosenbaum's Sons	61,790	Apr. 2	127	1989
Broadcloths. Woolen	Stott Woolen Company	63,786	July 9	129	864
Bronze	National-Fulton Brass Manufacturing Company	60,980	Feb. 26	126	3418
Bronze. Manganese	Manganese Bronze & Brass Co.	61,603	Mar. 26	127	1574

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Bronze powder. Aluminium-	Baer Bros.	59,694	Jan. 15	126	1057
Bronze-powders	Baer Bros.	59,693	Jan. 15	126	1057
Brooms	Merkle-Wiley Broom Co.	60,312	Feb. 5	126	2182
Brooms	Lee Broom & Duster Company	64,484	Aug. 13	129	2851
Brooms	Lee Broom & Duster Company	64,485	Aug. 13	129	2851
Brooms	Lee Broom & Duster Company	64,486	Aug. 13	129	2851
Brooms	Lee Broom & Duster Company	64,487	Aug. 13	129	2851
Brooms	Lee Broom & Duster Company	65,022	Sept. 3	130	294
Brooms	Lee Broom & Duster Company	65,654	Oct. 15	130	2062
Brooms and whisk-brooms	Lee Broom & Duster Company	62,116	Apr. 16	127	2813
Brooms, brushes, and dusters	Preventum Tooth Brush Co.	59,962	Jan. 22	126	1351
Brushes	Davis-Bridaham Drug Company	66,246	Nov. 19	131	936
Brushes and brooms. Certain	Lord & Taylor	65,566	Oct. 8	130	1683
Brushes. Artists'	L. & C. Hardtmuth	60,532	Feb. 12	126	2583
Brushes. Certain	James E. Blake Company	60,151	Jan. 29	126	1769
Brushes. Hair, flesh, and tooth	J. M. Lawton	66,721	Dec. 24	131	2140
Brushes. Hair, tooth, and nail	W. L. Martin	63,077	June 4	128	2080
Brushes. Nail-	C. Loonen	66,300	Nov. 19	131	937
Brushes. Paint and varnish	Rennous Kleinle & Co. of Baltimore City	59,814	Jan. 15	126	1061
Brushes. Paint and varnish	Rennous Kleinle & Co. of Baltimore City	59,815	Jan. 15	126	1061
Brushes. Paint and varnish	S. H. French & Co.	60,522	Feb. 12	126	2583
Brushes. Toilet-	Alfred H. Smith Co.	63,512	June 25	128	3282
Brushes. Toilet-	Universal Brush Company	64,510	Aug. 13	129	2851
Brushes. Tooth-	G. Strassburger	66,258	Nov. 19	131	936
Brushes. Tooth-	R. Hudnut's Pharmacy	66,609	Dec. 17	131	1935
Brushes. Tooth-	Deitsch Brothers	66,698	Dec. 24	131	2139
Brushes. Tooth-	Florence Manufacturing Company	66,814	Dec. 31	131	2412
Brushes. Tooth and nail	W. L. Martin	61,302	Mar. 12	127	843
Brushes. Tooth and nail	W. L. Martin	66,047	Nov. 5	131	355
Brushes. Tooth, nail, hair, and flesh	Martin & Bowne Company	65,449	Sept. 24	130	1305
Brushes. Wire	American Wire Brush Company	61,852	Apr. 9	127	2388
Buckles	Alma Manufacturing Company of Baltimore City	62,276	Apr. 30	127	3636
Buckles	Marvel Buckle Company	62,756	May 21	128	1288
Buckles	Marvel Buckle Company	63,144	June 11	128	2521
Buckles	Jacob & Brown	66,329	Nov. 19	131	938
Buckles. Suspender-	Comfort Suspender Co.	65,208	Sept. 10	130	652
Buggies and carriages	Studebaker Bros. Mfg. Co.	59,501	Jan. 8	126	752
Buggies and carriages	Rock Hill Buggy Co.	59,620	Jan. 15	126	1055
Buggies and carriages	Rock Hill Buggy Co.	59,621	Jan. 15	126	1056
Buggies and carriages	Rock Hill Buggy Co.	59,622	Jan. 15	126	1056
Buggies and carriages	Studebaker Bros. Mfg. Co.	61,153	Mar. 5	127	388
Buggies and surreys. Open and top	Blount Carriage & Buggy Co.	60,509	Feb. 12	126	2582
Buggies and wagons	Columbus Buggy Company	62,634	May 21	128	1285
Buggies, wagons, and carriages	Hercules Buggy Co.	65,610	Oct. 8	130	1684
Building blocks and tiles	Interlocking Stone Co.	62,839	May 28	128	1682
Building fabrics. Waterproofing	Sicilian Asphalt Paving Co.	59,769	Jan. 15	126	1059
Building materials. Certain	Emil Séquin, Euböolith-Werke vormals C. Séquin-Bronner	63,245	June 11	128	2524
Bung-hole borers	Enterprise Manufacturing Co. of Pennsylvania	61,293	Mar. 12	127	843
Bungs	United States Bung Manufacturing Company	60,180	Jan. 29	126	1770
Bunion-protectors	Fischer Manfg. Co.	60,131	Jan. 29	126	1769
Bust-supporters	G. M. Poix	65,835	Oct. 22	130	2368
Bust-supporters and corset-covers	A. Drake	63,906	July 16	129	1261
Butter	Chas. W. Rudd & Son	59,126	Jan. 1	126	380
Butter	G. W. Linn & Son	59,199	Jan. 1	126	382
Butter	Conover Creamery Co.	59,222	Jan. 1	126	382
Butter	W. P. Sumner	59,624	Jan. 15	126	1056
Butter	A. R. Duncan, Jr., Co.	59,912	Jan. 22	126	1349
Butter	C. C. Martin	59,918	Jan. 22	126	1349
Butter	T. L. Brundage Company	60,117	Jan. 29	126	1768
Butter	J. R. Thomas' Sons	60,286	Feb. 5	126	2182
Butter	H. M. De Witt	60,859	Feb. 26	126	3415
Butter	D. W. Lewis & Company	61,225	Mar. 12	127	841
Butter	D. W. Lewis & Company	62,056	Apr. 16	127	2811
Butter	F. Jelke & Son Company	62,453	May 7	128	451
Butter	American Farm Products Company	64,058	July 23	129	1604
Butter	S. J. Stevens Company	64,266	July 30	129	2070
Butter	Blue Valley Creamery Company	64,720	Aug. 20	129	3155
Butter	Blue Valley Creamery Company	64,721	Aug. 20	129	3155
Butter	E. G. Pérez & Co.	65,070	Sept. 3	130	296
Butter	Golden & Co.	65,121	Sept. 10	130	649
Butter	George Nye Company	65,802	Oct. 22	130	2367
Butter and cheese	Siegel Cooper & Co.	63,323	June 11	128	2526
Butter and cheese	Oliver-Finnie Co.	65,126	Sept. 10	130	650
Butter. Creamery-	Kirschbraun & Sons	61,601	Mar. 26	127	1574
Butter, milk, and cheese	W. S. Moore & Co.	60,870	Feb. 26	126	3415
Butter, milk, and cheese	W. S. Moore & Co.	61,399	Mar. 19	127	1248
Butter-print	McCanna & Fraser Company	63,857	July 9	129	866
Butter-print	McCanna & Fraser Company	63,858	July 9	129	866
Butter. Process-	American Farm Products Company	64,252	July 30	129	2069
Butter-scotch	Kerr Brothers	66,799	Dec. 31	131	2411
Butterin and oleomargarin	John F. Jelke Company	65,699	Oct. 15	130	2063
Buttonhole-strips for garments	G. P. Ide & Co.	65,084	Sept. 3	130	296
Buttons	Alma Manufacturing Company	59,425	Jan. 8	126	750
Buttons	L. Huet and E. Ligier	61,898	Apr. 9	127	2389
Buttons. Collar and cuff	C. N. Allen & Co.	59,015	Jan. 1	126	377
Buttons. Polished-steel	L. Huet and E. Ligier	61,897	Apr. 9	127	2389
Buttons, tie-clasps, studs, &c. Link-	Stern Brothers & Company	61,612	Mar. 26	127	1575

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Cabinets. Kitchen-.....	Hoosier Mfg. Co.....	66,022	Nov. 5	131	354
Cabinets. Pantry-.....	Standard Gage Manufacturing Company.....	65,462	Sept. 24	130	1306
Cables, ropes, chains, and rods. Metal grips for.....	Universal Cable Grip Company..	61,329	Mar. 12	127	844
Cacaos, chocolate, and preparations thereof.....	A. & W. Lindt.....	59,229	Jan. 1	126	382
Cake-molds. Iron.....	Alfred Andresen & Co.....	64,158	July 30	129	2067
Calcimine.....	Rexora Manufacturing Company..	60,142	Jan. 29	126	1769
Calcimine.....	Alabastine Company.....	61,472	Mar. 26	127	1571
Calcimine.....	Troy Cold Water Kalsomine Company.....	63,148	June 11	128	2521
Calcimine.....	Muralo Company.....	64,157	July 23	129	1606
Calcium-silver and quinin salts.....	Fischer Chemical Importing Co...	66,716	Dec. 24	131	2140
Calculating-machines.....	H. W. Egli.....	66,214	Nov. 19	131	935
Calculators.....	C. M. Young.....	66,015	Nov. 5	131	354
Calif. Chrome-tanned.....	Beckwith & Niteman Bros.....	59,152	Jan. 1	126	380
Calicoes and percales.....	Garner & Co.....	63,045	June 4	128	2079
Calicoes, percales, ducks, and drills. Printed and dyed.....	Garner & Co.....	62,535	May 14	128	880
Calipers and gages.....	Morse Twist Drill & Machine Company.....	62,758	May 21	128	1288
Cameras, camera-stands, and tripods.....	Blair Camera Company.....	64,979	Sept. 3	130	293
Candied popcorn.....	Rueckheim Bros. and Eckstein.....	66,414	Nov. 26	131	1156
Candies.....	National Candy Company.....	59,906	Jan. 22	126	1349
Candies.....	National Candy Company.....	60,292	Feb. 5	126	2182
Candies.....	R. U. Delapenta & Co.....	60,858	Feb. 26	126	3415
Candies.....	George Ziegler Co.....	61,223	Mar. 12	127	841
Candies.....	Advance Novelty Company.....	61,839	Apr. 9	127	2388
Candies.....	J. P. Laskaris & Co.....	62,114	Apr. 16	127	2813
Candies.....	J. P. Laskaris & Co.....	62,115	Apr. 16	127	2813
Candies.....	H. Heide.....	62,246	Apr. 30	127	3635
Candies.....	I. S. Morse.....	62,456	May 7	128	451
Candies.....	Littlefield & Steere Co.....	64,363	Aug. 6	129	2494
Candies.....	Adams Argood Chocolate Co.....	65,896	Oct. 29	130	2714
Candies.....	Trowbridge Chocolate Chip Co.....	66,058	Nov. 5	131	355
Candies.....	Trowbridge Chocolate Chip Co.....	66,061	Nov. 5	131	355
Candies.....	National Candy Company.....	66,336	Nov. 19	131	938
Candies.....	Littlefield & Steere Co.....	66,519	Dec. 10	131	1681
Candies.....	Adams Argood Chocolate Co.....	66,582	Dec. 17	131	1935
Candies.....	Adams Argood Chocolate Co.....	66,583	Dec. 17	131	1935
Candies and bonbons.....	Runkel Brothers.....	59,929	Jan. 22	126	1350
Candies and candied popcorn.....	National Candy Company.....	65,702	Oct. 15	130	2063
Candies. Chocolate.....	National Candy Company.....	60,263	Feb. 5	126	2181
Candies, chocolates, and bonbons.....	D. Auerbach & Sons.....	59,902	Jan. 22	126	1349
Candies. Chocolates and other.....	Rueckheim Bros. & Eckstein.....	66,395	Nov. 26	131	1156
Candies, crystallized and glacé fruits.....	Oliver-Finnie Co.....	65,054	Sept. 3	130	295
Candies, crystallized and glacé fruits.....	Oliver-Finnie Co.....	65,125	Sept. 10	130	650
Candies, glacé fruits, chocolates, &c.....	Charles & Co.....	66,792	Dec. 31	131	2411
Candies. Pulling-.....	Stern & Saalberg Company.....	62,179	Apr. 23	127	3210
Candy.....	National Biscuit Company.....	61,568	Mar. 26	127	1573
Candy.....	Wallace & Co.....	61,660	Apr. 2	127	1986
Candy.....	Englewood Candy Company.....	62,481	May 7	128	451
Candy.....	E. C. Sperry.....	62,703	May 21	128	1287
Candy.....	Catawba Candy Co.....	63,065	June 4	128	2080
Candy.....	Rosseter and Burkhardt.....	63,201	June 11	128	2522
Candy.....	Trigg Candy Company.....	63,298	June 11	128	2525
Candy.....	A. Slauson & Co.....	63,511	June 25	128	3282
Candy.....	E. Sheetz.....	63,564	June 25	128	3283
Candy.....	E. Sheetz.....	63,565	June 25	128	3283
Candy.....	E. Sheetz.....	63,566	June 25	128	3283
Candy.....	E. H. Farnsley.....	63,873	July 9	129	866
Candy.....	Punk Company.....	63,883	July 9	129	866
Candy.....	Robert F. Mackenzie Co.....	64,400	Aug. 6	129	2495
Candy.....	Pacific Coast Biscuit Co.....	64,749	Aug. 20	129	3155
Candy.....	D. D. Long.....	64,941	Aug. 27	129	3498
Candy.....	P. Wunderle.....	65,518	Oct. 8	130	1682
Candy.....	Sauerston & Brown.....	66,057	Nov. 5	131	355
Candy.....	Novelty Candy Co.....	66,182	Nov. 12	131	687
Candy.....	Schraders.....	66,309	Nov. 19	131	937
Candy.....	Greek American Confectionery Co.....	66,388	Nov. 26	131	1156
Candy.....	Schraders.....	66,397	Nov. 26	131	1156
Candy and chewing-gum.....	Manufacturing Co. of America.....	62,187	Apr. 23	127	3210
Candy and chewing-gum.....	Manufacturing Co. of America.....	62,188	Apr. 23	127	3210
Candy and chewing-gum.....	Manufacturing Co. of America.....	62,269	Apr. 30	127	3635
Candy and chocolates.....	Hess Bros.....	66,682	Dec. 24	131	2139
Candy, bonbons, and ice-cream.....	M. E. Abel Estate.....	64,715	Aug. 20	129	3154
Candy. Chocolate-coated.....	J. G. McDonald Candy Company.....	65,804	Oct. 22	130	2367
Candy, chocolate, cocoa, &c.....	Stollwerck Bros.....	62,464	May 7	128	451
Candy. Chocolate-covered.....	Phelps Co.....	61,226	Mar. 12	127	841
Candy. Chocolate-cream.....	W. H. Batman.....	61,817	Apr. 9	127	2387
Candy, chocolates, and bonbons.....	Hawley & Hoops.....	61,348	Mar. 19	127	1247
Candy, chocolates, and bonbons.....	Hawley & Hoops.....	61,349	Mar. 19	127	1247
Candy. Hard and soft.....	George Miller & Son Company.....	59,884	Jan. 22	126	1348
Candy kisses with nuts in them.....	B. M. Collins.....	59,848	Jan. 22	126	1347
Candy. Laxative.....	Davis Chemical Company.....	66,097	Nov. 12	131	685
Candy made of popcorn and molasses.....	S. W. Bonsall.....	60,290	Feb. 5	126	2182
Candy. Peanut.....	Bosman & Lohman Co.....	66,384	Nov. 26	131	1156
Candy, rock-candy and maple syrup, and maple-sugar. Rock-.....	Rigney & Company.....	65,404	Sept. 24	130	1304
Candles.....	Will & Baumer Company.....	60,498	Feb. 12	126	2582
Candles.....	Will & Baumer Company.....	60,499	Feb. 12	126	2582
Candles.....	Will & Baumer Company.....	60,500	Feb. 12	126	2582
Candles.....	Will & Baumer Company.....	62,256	Apr. 30	127	3635
Candles.....	Will & Baumer Company.....	62,257	Apr. 30	127	3635
Candles.....	Will & Baumer Company.....	62,417	May 7	128	450
Candles.....	Will & Baumer Company.....	62,418	May 7	128	450
Candles.....	Will & Baumer Company.....	62,419	May 7	128	450
Candles.....	Will & Baumer Company.....	62,420	May 7	128	450

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Candles	Will & Baumer Company	62,422	May 7	128	450
Candles	Will & Baumer Company	62,423	May 7	128	450
Candles	Will & Baumer Company	64,993	Sept. 3	130	294
Candles	Merkle Wax and Candle Com- pany.	65,024	Sept. 3	130	294
Candles. Wax	Will & Baumer Company	62,421	May 7	128	450
Candlesticks and valves. Brass	W. D. Allen Manufacturing Com- pany.	65,843	Oct. 22	130	2368
Canes, parasols, and umbrellas	Baltimore Umbrella Manufactur- ing Company.	65,390	Sept. 24	130	1304
Canes. Wooden or bamboo	I. Eisenstein	63,151	June 11	128	2521
Canned and preserved fruits and vegetables	Gordon & Dilworth	60,861	Feb. 26	126	3415
Canned and smoked fish	Bergens Varmrøgeri Mølt & Co.	64,100	July 23	129	1605
Canned baked beans and pork and beans	C. C. McDonald	62,889	May 28	128	1684
Canned beans	H. von Glahn & Son	59,132	Jan. 1	126	378
Canned corn	H. von Glahn & Son	59,090	Jan. 1	126	380
Canned corn	H. L. Forhan	60,275	Feb. 5	126	2181
Canned corn	H. L. Forhan	60,694	Feb. 19	126	3034
Canned corn	Portland Packing Company	63,105	June 4	128	2081
Canned corn	H. F. Webb Company	64,570	Aug. 13	129	2853
Canned corn	H. E. Fletcher	64,935	Aug. 27	129	3498
Canned corn	Watkins Packing Co.	66,205	Nov. 12	131	688
Canned corn and peas and tomato-catsup	Stewart & Co.	65,407	Sept. 24	130	1304
Canned corn and succotash	H. L. Forhan	60,475	Feb. 12	126	2581
Canned corn and tomatoes	Watkins Packing Co.	66,540	Dec. 10	131	1682
Canned corn, succotash, and beans	H. F. Webb Company	61,224	Mar. 12	127	841
Canned, dried, and fresh fruits	Balfour, Guthrie & Co.	65,039	Sept. 3	130	295
Canned, dried, and fresh fruits and olive-oil	Maywood Packing Co.	66,177	Nov. 12	131	687
Canned fig-pudding	C. A. Coffin	64,566	Aug. 13	129	2853
Canned fish	C. E. Moody & Co.	61,880	Apr. 9	127	2388
Canned fish	Northwestern Fisheries Com- pany.	63,054	June 4	128	2080
Canned fish	Northwestern Fisheries Com- pany.	63,055	June 4	128	2080
Canned fish	Northwestern Fisheries Com- pany.	63,056	June 4	128	2080
Canned fish	Northwestern Fisheries Com- pany.	63,079	June 4	128	2080
Canned fish	Northwestern Fisheries Com- pany.	63,080	June 4	128	2080
Canned fish	Northwestern Fisheries Com- pany.	63,081	June 4	128	2080
Canned fish	Northwestern Fisheries Com- pany.	63,082	June 4	128	2080
Canned fish	Northwestern Fisheries Com- pany.	63,083	June 4	128	2080
Canned fish	Northwestern Fisheries Com- pany.	63,102	June 4	128	2081
Canned fish	Northwestern Fisheries Com- pany.	63,103	June 4	128	2081
Canned fish	Northwestern Fisheries Com- pany.	63,128	June 4	128	2082
Canned fish	Northwestern Fisheries Com- pany.	63,155	June 11	128	2521
Canned fish	Northwestern Fisheries Com- pany.	63,156	June 11	128	2521
Canned fish	Northwestern Fisheries Com- pany.	63,157	June 11	128	2521
Canned fish	Northwestern Fisheries Com- pany.	63,158	June 11	128	2521
Canned fish	Northwestern Fisheries Com- pany.	63,200	June 11	128	2522
Canned fish	Northwestern Fisheries Com- pany.	63,317	June 11	128	2525
Canned fish	Northwestern Fisheries Com- pany.	63,318	June 11	128	2525
Canned fish	Northwestern Fisheries Com- pany.	63,319	June 11	128	2526
Canned fish	Northwestern Fisheries Com- pany.	63,447	June 18	128	2832
Canned fish	Northwestern Fisheries Com- pany.	63,461	June 18	128	2832
Canned fish	Northwestern Fisheries Com- pany.	63,534	June 25	128	3283
Canned fish	Northwestern Fisheries Com- pany.	63,535	June 25	128	3283
Canned fish	Northwestern Fisheries Com- pany.	63,636	July 2	129	476
Canned fish	Northwestern Fisheries Com- pany.	63,912	July 16	129	1261
Canned fish	Northwestern Fisheries Com- pany.	64,068	July 23	129	1604
Canned fish	Northwestern Fisheries Com- pany.	64,069	July 23	129	1604
Canned fish	Northwestern Fisheries Com- pany.	66,181	Nov. 12	131	687
Canned fish	J. Frye & Co.	66,679	Dec. 24	131	2139
Canned fish	J. Frye & Co.	66,680	Dec. 24	131	2139
Canned fish and oysters	Klauber Wangenheim Co.	60,259	Feb. 5	126	2181
Canned fish and oysters	Waples-Platter Grocer Company.	64,536	Aug. 13	129	2852
Canned fish and oysters	Waples-Platter Grocer Company.	64,537	Aug. 13	129	2852
Canned fish and sardines	S. Hamill Company	65,128	Sept. 10	130	650
Canned frozen oysters. Fresh	Morgan Oyster Company	64,391	Aug. 6	129	2494
Canned frozen oysters. Fresh	Morgan Oyster Company	65,378	Sept. 24	130	1304
Canned fruit and vegetables	Stone-Ordean-Wells Co.	62,465	May 7	128	451
Canned fruit, vegetables, baked beans, &c.	C. C. McDonald	65,139	Sept. 10	130	650

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Canned fruit, vegetables, baked beans, &c.	C. C. McDonald	65,140	Sept. 10	130	650
Canned fruits	Siegel Cooper & Co.	63,324	June 11	128	2526
Canned fruits	California Canneries Co.	63,694	July 2	129	475
Canned fruits and vegetables	David Hunt & Co.	59,307	Jan. 8	126	747
Canned fruits and vegetables	David Hunt & Co.	59,537	Jan. 8	126	753
Canned fruits and vegetables	H. L. Forhan	59,740	Jan. 15	126	1059
Canned fruits and vegetables	Pressing & Orr Co.	59,794	Jan. 15	126	1060
Canned fruits and vegetables	W. P. Sumner	59,799	Jan. 15	126	1060
Canned fruits and vegetables	Pressing & Orr Co.	59,895	Jan. 22	126	1349
Canned fruits and vegetables	Pressing & Orr Co.	59,896	Jan. 22	126	1349
Canned fruits and vegetables	Pressing & Orr Co.	59,897	Jan. 22	126	1349
Canned fruits and vegetables	H. L. Forhan	60,476	Feb. 12	126	2581
Canned fruits and vegetables	David Hunt & Co.	60,650	Feb. 19	126	3033
Canned fruits and vegetables	Dolan Mercantile Co.	60,651	Feb. 19	126	3033
Canned fruits and vegetables	Pratt-Low Preserving Co.	60,664	Feb. 19	126	3034
Canned fruits and vegetables	Pratt-Low Preserving Co.	60,665	Feb. 19	126	3034
Canned fruits and vegetables	Pratt-Low Preserving Co.	60,666	Feb. 19	126	3034
Canned fruits and vegetables	Clinton Canning Co.	61,220	Mar. 12	127	841
Canned fruits and vegetables	W. R. Roach & Co.	61,615	Mar. 26	127	1575
Canned fruits and vegetables	C. Callahan Co.	62,264	Apr. 30	127	2635
Canned fruits and vegetables	F. M. Ketchum	62,332	Apr. 30	127	2637
Canned fruits and vegetables	J. F. Humphreys & Co.	62,471	May 7	128	451
Canned fruits and vegetables	J. F. Humphreys & Co.	62,484	May 7	128	451
Canned fruits and vegetables	T. Kensett & Co.	62,661	May 21	128	1286
Canned fruits and vegetables	Wayne County Preserving Company.	63,300	June 11	128	2525
Canned fruits and vegetables	Mennillo Bros.	63,435	June 18	128	2832
Canned fruits and vegetables	Allen Brothers Company	63,572	June 25	128	2834
Canned fruits and vegetables	Allen Brothers Company	63,597	June 25	128	2834
Canned fruits and vegetables	C. S. Morey Mercantile Company.	63,802	July 9	129	864
Canned fruits and vegetables	W. R. Roach & Company	63,946	July 16	129	1262
Canned fruits and vegetables	California Canneries Co.	63,994	July 16	129	1263
Canned fruits and vegetables	Waples-Platter Grocer Company.	64,293	July 30	129	2070
Canned fruits and vegetables	W. P. Sumner	64,404	Aug. 6	129	2495
Canned fruits and vegetables	H. F. Hemingway & Co.	65,051	Sept. 3	130	295
Canned fruits and vegetables	Wayne County Canning Company	65,541	Oct. 8	130	1683
Canned fruits and vegetables	H. F. Hemingway & Co.	65,697	Oct. 15	130	2036
Canned fruits and vegetables	Burt Olney Canning Co.	65,798	Oct. 22	130	2367
Canned fruits and vegetables	Burt Olney Canning Co.	65,799	Oct. 22	130	2367
Canned fruits and vegetables	Burt Olney Canning Co.	65,905	Oct. 29	130	2714
Canned fruits and vegetables	Warfield Pratt Howell Company.	65,917	Oct. 29	130	2714
Canned fruits and vegetables	H. P. Taylor, Jr.	66,059	Nov. 5	131	355
Canned fruits and vegetables	Franklinville Canning Co.	66,172	Nov. 12	131	687
Canned fruits and vegetables	James M. Houston Grocer Company.	66,218	Nov. 19	131	935
Canned fruits and vegetables	Burt Olney Canning Co.	66,283	Nov. 19	131	937
Canned fruits and vegetables	Wayne County Canning Co.	66,316	Nov. 19	131	937
Canned fruits and vegetables and dried fruits	Allen Brothers Company	63,558	June 25	128	3233
Canned fruits and vegetables, dried fruits, spices, and gelatin	E. T. Smith Company	60,706	Feb. 19	126	3035
Canned fruits and vegetables, jelly, and jam	Abraham & Straus	62,240	Apr. 30	127	2635
Canned fruits, vegetables, sauer-kraut, &c.	Waples-Platter Grocer Company.	64,406	Aug. 6	129	2495
Canned goods. Certain	Holbrook Grocery Co.	66,683	Dec. 24	131	2139
Canned hash-meat	A. Oemler	61,622	Mar. 26	127	1575
Canned lobster	H. C. Baxter & Bro.	61,695	Apr. 2	127	1987
Canned lobster	H. C. Baxter & Bro.	61,723	Apr. 2	127	1987
Canned lobster	H. C. Baxter & Bro.	61,989	Apr. 16	127	2809
Canned lobsters	H. L. Forhan	60,473	Feb. 12	126	2581
Canned lobsters	H. L. Forhan	60,474	Feb. 12	126	2581
Canned meat	August Kress Company	66,379	Nov. 26	131	1155
Canned meats and lard	Schwarzschild & Sulzberger Company.	60,283	Feb. 5	126	2182
Canned oysters	A. Booth & Company	59,368	Jan. 8	126	748
Canned oysters, sardines, and salmon	Allen Brothers Company	64,007	July 16	129	1264
Canned peaches and tomatoes, and flavoring extracts	Haas-Lieber Grocery Co.	64,385	Aug. 6	129	2494
Canned peas	H. von Glahn & Son	59,131	Jan. 1	126	379
Canned peas	F. P. Roe & Bro.	65,056	Sept. 3	130	295
Canned peas and corn	F. P. Roe & Bro.	64,924	Aug. 27	129	3498
Canned, pickled, and preserved fish	Johs Conradsen A/S.	60,631	Feb. 12	126	2586
Canned, pickled, and preserved fish	Johs Conradsen A/S.	60,632	Feb. 12	126	2586
Canned, pickled, and preserved fish	Johs Conradsen A/S.	64,091	July 23	129	1604
Canned salmon	M. J. Kinney	59,905	Jan. 22	126	1349
Canned salmon	C. Schmitz & Co.	61,625	Mar. 26	127	1575
Canned salmon	Hannam & Co.	61,828	Apr. 9	127	2387
Canned salmon	F. C. Bushnell Co.	61,844	Apr. 9	127	2388
Canned salmon	Sprague, Warner & Company	63,086	June 4	128	2080
Canned salmon	Kelley-Clarke Co.	63,313	June 11	128	2525
Canned salmon	Northwestern Fisheries Company.	63,882	July 9	129	866
Canned salmon	Thlinket Packing and Trading Co.	64,577	Aug. 13	129	2853
Canned salmon	H. Winter	64,627	Aug. 13	129	2854
Canned salmon	Pillar Rock Packing Company	64,752	Aug. 20	129	3155
Canned salmon	Gorman & Company	65,371	Sept. 24	130	1303
Canned salmon	C. Schmitz & Co.	65,811	Oct. 22	130	2367
Canned salmon	American Trading Company (Pacific Coast).	66,016	Nov. 5	131	354
Canned salmon	American Trading Company (Pacific Coast).	66,017	Nov. 5	131	354
Canned salmon and clams	Downing Taylor Co.	63,266	June 11	128	2524
Canned salmon and lobsters	Portland Packing Company	63,321	June 11	128	2526
Canned salmon and oysters	C. Hewitt & Sons Co.	66,166	Nov. 12	131	687
Canned salmon, shrimp, lobsters, &c.	Downing Taylor Co.	62,063	Apr. 16	127	2811
Canned sardines	No. Lubec Mfg. & Canning Co.	61,787	Apr. 2	127	1989
Canned sardines	F. H. Fromm & Co.	64,384	Aug. 6	129	2494
Canned sardines	J. Frye & Co.	66,681	Dec. 24	131	2139
Canned, smoked, pickled, and preserved fish	A/S. The Bergen Canning Co.	63,412	June 18	128	2831
Canned, smoked, pickled, and preserved fish	Bergens Varmrogeri Molt & Co.	63,414	June 18	128	2831
Canned, smoked, pickled, and preserved fish	Bergens Varmrogeri Molt & Co.	63,484	June 25	128	3281

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Canned smoked sardines	Bergen Canning Co.	64,719	Aug. 20	129	3154
Canned soups and bouillons	Patterson-Cabell Co.	62,582	May 14	128	881
Canned succotash and canned Lima beans	H. F. Webb Company.	64,632	Aug. 13	129	2854
Canned sugar-corn	H. F. Webb Company.	64,443	Aug. 6	129	2496
Canned tomatoes	F. P. Roe & Bro.	64,925	Aug. 27	129	3498
Canned tomatoes	F. P. Roe & Bro.	64,926	Aug. 27	129	3498
Canned tomatoes	E. Robinson.	65,158	Sept. 10	130	650
Canned tomatoes	Hollingsworth & Co.	66,173	Nov. 12	131	687
Canned tomatoes and canned pumpkin	H. E. Fletcher.	64,934	Aug. 27	129	3498
Canned tomatoes, corn, peas, and beans	Kokomo Canning Co.	59,066	Jan. 1	126	380
Canned vegetables	N. C. Barwise Brokerage Co.	59,385	Jan. 8	126	749
Canned vegetables	New Holstein Canning Company.	59,759	Jan. 15	126	1059
Canned vegetables	New Holstein Canning Company.	59,760	Jan. 15	126	1059
Canned vegetables	Northern Maine Packing Company.	59,761	Jan. 15	126	1059
Canned vegetables	Northern Maine Packing Company.	59,762	Jan. 15	126	1059
Canned vegetables	Northern Maine Packing Company.	59,763	Jan. 15	126	1059
Canned vegetables	Northern Maine Packing Company.	59,764	Jan. 15	126	1059
Canned vegetables	New Holstein Canning Company.	60,077	Jan. 29	126	1767
Canned vegetables	Northern Maine Packing Company.	60,281	Feb. 5	126	2182
Canned vegetables	Waukesha Canning Co.	60,707	Feb. 19	126	3035
Canned vegetables	Oklahoma Wholesale Grocer Co.	61,096	Mar. 5	127	386
Canned vegetables	Clinton Canning Co.	61,219	Mar. 12	127	841
Canned vegetables	Clinton Canning Co.	61,234	Mar. 12	127	841
Canned vegetables	Clinton Canning Co.	61,235	Mar. 12	127	841
Canned vegetables	Clinton Canning Co.	61,236	Mar. 12	127	841
Canned vegetables	Rosenstein Brothers.	61,242	Mar. 12	127	841
Canned vegetables	Rosenstein Brothers.	61,355	Mar. 19	127	1247
Canned vegetables	J. J. Peres & Co.	63,637	July 2	129	476
Canned vegetables	Fuller Canneries Company.	64,547	Aug. 13	129	2852
Canned vegetables	Fuller Canneries Company.	64,548	Aug. 13	129	2852
Canned vegetables	Fuller Canneries Company.	64,730	Aug. 20	129	3155
Canned vegetables and canned and preserved fruits	Leo Rex Canning & Preserving Co.	64,425	Aug. 6	129	2495
Canned vegetables and fruit	Holmes Keeler & Selleck Co.	66,174	Nov. 12	131	687
Canned vegetables and fruit	Holmes Keeler & Selleck Co.	66,175	Nov. 12	131	687
Canned vegetables and fruits	Burt Olney Canning Company.	64,930	Aug. 27	129	3498
Canned vegetables and spices	Great Atlantic & Pacific Tea Company.	62,927	May 28	128	1685
Canned vegetables, fruits, and berries	Downing-Taylor Co.	61,645	Apr. 2	127	1985
Cannons and cannon equipments	Fried. Krupp Aktiengesellschaft.	59,472	Jan. 8	126	751
Canoes, row and sail boats, parts thereof, and oars and paddles	J. H. Rushton, Incorporated.	61,408	Mar. 19	127	1249
Canvas and duck cleanser	Eclipse Cement & Blacking Co.	62,975	June 4	128	2077
Canvas interlinings	S. Nachtigall.	65,069	Sept. 3	130	296
Canvas or duck cleaning and whitening preparation	Raven Gloss Mfg. Co.	62,335	Apr. 30	127	3637
Caps. Maids', waitresses', and nurses'	O. F. Dreyer.	61,702	Apr. 2	127	1986
Capsules. Filled gelatin	Fischer Chemical Importing Co.	66,739	Dec. 24	131	2140
Car-couplings	National Malleable Castings Co.	65,262	Sept. 17	130	971
Car sand-boxes. Railway-	J. G. Brill Company.	66,825	Dec. 31	131	2412
Car-wheels	Sanford-Day Iron Works.	64,043	July 23	129	1603
Car-wheels. Steel	Taylor Iron & Steel Co.	61,516	Mar. 26	127	1572
Caramels	Paul F. Beich Co.	61,831	Apr. 9	127	2388
Caramels and caramel-paste	Borden's Condensed Milk Company.	64,722	Aug. 20	129	3155
Caramels, caramel-paste, and chocolate	Borden's Condensed Milk Company.	64,723	Aug. 20	129	3155
Carbons and carbon brushes. Battery and electric-lamp	L. E. Frorup.	59,129	Jan. 1	126	380
Carbureters	W. James.	64,339	Aug. 6	129	2493
Carbureters for automobiles	B. F. Bradley.	60,322	Feb. 5	126	2183
Carbureters for gas and gasoline engines	Speed Changing Pulley Co.	59,144	Jan. 1	126	380
Card and box boards	United Box Board & Paper Company.	61,965	Apr. 9	127	2391
Cards. Playing-	United States Playing Card Company.	59,044	Jan. 1	126	378
Cards. Playing-	New York Consolidated Card Company.	59,137	Jan. 1	126	380
Cards. Playing-	Home Game Company.	59,701	Jan. 15	126	1058
Cards. Playing-	New York Consolidated Card Company.	60,313	Feb. 5	126	2182
Cards. Playing-	New York Consolidated Card Company.	60,314	Feb. 5	126	2182
Cards. Playing-	United States Playing Card Co.	60,618	Feb. 12	126	2585
Cards. Playing-	New York Consolidated Card Company.	60,907	Feb. 26	126	3416
Cards. Playing-	New York Consolidated Card Company.	60,908	Feb. 26	126	3416
Cards. Playing-	New York Consolidated Card Company.	60,909	Feb. 26	126	3416
Cards. Playing-	New York Consolidated Card Company.	60,910	Feb. 26	126	3416
Cards. Playing-	Kalamazoo Playing Card Co.	62,247	Apr. 30	127	3635
Cards. Playing-	United States Playing Card Co.	62,565	May 14	128	880
Cards. Playing-	Kalamazoo Playing Card Co.	64,034	July 23	129	1603
Cards. Playing-	United States Playing Card Co.	64,231	July 30	129	2067
Cards. Playing-	United States Playing Card Co.	64,232	July 30	129	2069
Cards. Playing-	Standard Playing Card Co.	64,431	Aug. 6	129	2495
Cards. Playing-	United States Playing Card Co.	64,906	Aug. 27	129	3497
Carding cards. Cotton-	L. S. Watson Manuf'g Co.	59,484	Jan. 8	126	752
Carpet-sweepers	Bissell Carpet Sweeper Co.	60,505	Feb. 12	126	2582
Carpet-sweepers	Bissell Carpet Sweeper Co.	60,506	Feb. 12	126	2582
Carpet-sweepers	Bissell Carpet Sweeper Co.	60,507	Feb. 12	126	2582

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Carpet-sweepers	Bissell Carpet Sweeper Co.	60,508	Feb. 12	126	2582
Carpet-sweepers	Bissell Carpet Sweeper Company.	61,146	Mar. 5	127	388
Carpet-sweepers	Bissell Carpet Sweeper Company.	61,147	Mar. 5	127	388
Carpet-sweepers	Bissell Carpet Sweeper Company.	64,604	Aug. 13	129	2854
Carpet-sweepers	Bissell Carpet Sweeper Company.	66,818	Dec. 31	131	2412
Carpet-warps and twine. Cotton	Putnam-Hooker Company.	61,652	Apr. 2	127	1985
Carpets and rugs	M. J. Whittall.	59,284	Jan. 1	126	384
Carpets and rugs	John Gay's Sons.	59,329	Jan. 8	126	747
Carpets and rugs. Fiber	W. & J. Sloane.	66,192	Nov. 12	131	687
Carpets and rugs. Wilton	Ivins, Dietz & Metzger Co.	61,683	Apr. 2	127	1986
Carriages	Fouts & Hunter Carriage Manufacturing Co.	65,824	Oct. 22	130	2368
Cartridge-shells, bullets, and wads	Union Metallic Cartridge Company.	65,036	Sept. 3	130	295
Cartridges and parts thereof. Gun and pistol	Union Metallic Cartridge Company.	59,803	Jan. 15	126	1060
Cartridges and powder	Sächsische Pulverfabriken G. Krantz & Co.	66,256	Nov. 19	131	936
Cartridges and primers	Union Metallic Cartridge Company.	64,992	Sept. 3	130	294
Cartridges and primers	Union Metallic Cartridge Company.	65,031	Sept. 3	130	295
Cartridges and primers	Union Metallic Cartridge Company.	65,032	Sept. 3	130	295
Cartridges and primers	Union Metallic Cartridge Company.	65,033	Sept. 3	130	295
Cartridges and primers	Union Metallic Cartridge Company.	65,034	Sept. 3	130	295
Cartridges and primers	Union Metallic Cartridge Company.	65,035	Sept. 3	130	295
Cartridges, caps, and primers	Union Metallic Cartridge Company.	64,990	Sept. 3	130	294
Cartridges, caps, and primers	Union Metallic Cartridge Company.	64,991	Sept. 3	130	294
Cartridges, caps, and primers	Union Metallic Cartridge Company.	66,534	Dec. 10	131	1682
Cartridges. Loaded	B. Camet.	63,330	June 18	128	2829
Cartridges, loaded shells, caps, &c	Peters Cartridge Company.	63,613	July 2	129	473
Cartridges, loaded shells, caps, &c	Peters Cartridge Company.	63,614	July 2	129	473
Cartridges, loaded shells, caps, &c	Peters Cartridge Company.	63,615	July 2	129	473
Cartridges, loaded shells, caps, &c	Peters Cartridge Company.	63,616	July 2	129	473
Cartridges, loaded shells, caps, &c	Peters Cartridge Company.	63,617	July 2	129	473
Cartridges, loaded shells, caps, &c	Peters Cartridge Company.	65,656	Oct. 15	130	2062
Cartridges, loaded shells, caps, &c	Peters Cartridge Company.	66,374	Nov. 26	131	1155
Cartridges, powder, and percussion-caps	Peters Cartridge Company.	60,728	Feb. 19	126	3035
Carts. Hand-	F. J. Aubeuf.	62,443	May 7	128	450
Carts. Hand-	F. J. Aubeuf.	62,444	May 7	128	450
Cascara sagrada. Preparation of	H. S. Wellcome.	66,632	Dec. 17	131	1936
Cash, credit, and autographic registers	National Cash Register Company.	64,900	Aug. 27	129	3497
Cast bars. Unfinished solid and tubular	Brass Foundry and Heating Co.	63,185	June 11	128	2522
Casters. Ball-bearing	Acme Ball-Bearing Company.	63,387	June 18	128	2830
Casters. Metal.	W. G. Mein.	66,199	Nov. 12	131	688
Castings. Alloy	Magnus Metal Company.	66,334	Nov. 19	131	938
Castings. Certain named	Pennsylvania Steel Co.	59,641	Jan. 15	126	1056
Castings for safes and vaults and their parts	Pennsylvania Steel Co.	64,529	Aug. 13	129	2852
Castings. Metal.	Wetherill Finished Castings Co.	65,220	Sept. 10	130	652
Castings. Powder for use in making	F. W. Weissmann.	60,094	Jan. 29	126	1768
Catalogues and pamphlets	J. C. Virden.	60,466	Feb. 12	126	2581
Catamenial bandages	Remsen Manufacturing Company.	61,119	Mar. 5	127	387
Catamenial sacks, &c.	F. Hein.	59,405	Jan. 8	126	749
Catchup	Eastern Importing & Manufacturing Company.	63,117	June 4	128	2081
Cathartic	Esbie Drug and Chemical Company.	64,137	July 23	129	1606
Cathartics	Dr. Bayer és Társa.	59,289	Jan. 1	126	384
Catsup	Alart & McGuire.	64,057	July 23	129	1604
Catsup and flavoring extracts	Wabash Baking Powder Company.	66,194	Nov. 12	131	687
Catsup, mince-meat, apple-butter, pickles, and vinegar	Wichita Vinegar Works.	66,694	Dec. 24	131	2139
Cement	York Portland Cement Company.	64,045	July 23	129	1603
Cement and asphalt. Hydraulic	P. H. Trummer & O. Vogler.	66,416	Nov. 26	131	1156
Cement and concrete. Building	C. W. Hull Company.	62,769	May 21	128	1288
Cement and concrete waterproofing-powder	Ideal Concrete Machinery Company.	66,517	Dec. 10	131	1681
Cement. Caen-stone	C. L. Miller & Co.	61,259	Mar. 12	127	842
Cement. Coal-tar	Warren-Ehret Company.	66,146	Nov. 12	131	686
Cement. Coal-tar	Warren-Ehret Company.	66,195	Nov. 12	131	687
Cement compounds for making pipe-joints	Leadite Company of America.	61,669	Apr. 2	127	1986
Cement for leather and wood	B. C. Cook.	59,630	Jan. 15	126	1056
Cement for mending crockery, &c	Cross & Company.	63,095	June 4	128	2081
Cement. Hydraulic and other building	Atlas Portland Cement Company.	60,302	Feb. 5	126	2182
Cement. Hydraulic and other building	Atlas Portland Cement Company.	62,494	May 7	128	452
Cement. Pipe-joint	F. H. Pough.	60,943	Feb. 26	126	3417
Cement. Portland	A. Blumenthal.	60,060	Jan. 29	126	1767
Cement. Portland	P. H. Trummer & O. Vogler.	60,692	Feb. 19	126	3034
Cement. Portland	Associated Portland Cement Manufacturers (1900).	62,502	May 14	128	879
Cement. Portland	Oklahoma Portland Cement Company.	63,506	June 25	128	3282
Cement. Portland	Northampton Portland Cement Co.	63,611	July 2	129	473
Cement. Portland	Hammer Portland Cement Works.	65,650	Oct. 15	130	2062
Cement. Portland	Hawkeye Portland Cement Co.	65,651	Oct. 15	130	2062
Cement. Portland	Kansas City Portland Cement Co.	65,652	Oct. 15	130	2062

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Cement. Portland	Fredonia Portland Cement Co.	65,868	Oct. 29	130	2713
Cement. Portland	Union Portland Cement Company.	66,533	Dec. 10	131	1682
Cement. Portland, natural rock, and improved	American Cement Company	62,710	May 21	128	1287
Cement. Rosendale	Consolidated Rosendale Cement Company.	63,925	July 16	129	1262
Cement. Rosendale	Consolidated Rosendale Cement Company.	63,926	July 16	129	1262
Cement. Rubber	Alfred Hale Rubber Company	62,142	Apr. 23	127	3209
Cement. Waterproof liquid	Waterproof and Enamel Company.	60,320	Feb. 5	126	2183
Cements, glues, and adhesives	Cementum (Parent) Co.	66,636	Dec. 17	131	1936
Cements. Portland	S. B. Bowen	66,163	Nov. 12	131	687
Censers, vaporizers, and volatilizers for medical compounds	Vapo-Cresolene Company	60,048	Jan. 22	126	1353
Censers, vaporizers, and volatilizers for medical compounds	Vapo-Cresolene Company	60,049	Jan. 22	126	1353
Censers, vaporizers, and volatilizers for medical compounds	Vapo-Cresolene Company	60,050	Jan. 22	126	1353
Censers, vaporizers, and volatilizers for medical compounds	Vapo-Cresolene Company	60,051	Jan. 22	126	1353
Censers, vaporizers, and volatilizers for medical compounds	Vapo-Cresolene Company	60,052	Jan. 22	126	1353
Ceresine and ozocerite	A. Himmelbauer & Co.	64,422	Aug. 6	129	2495
Chain-blocks	Yale & Towne Mfg. Co.	61,835	Apr. 9	127	2388
Chain-blocks	Yale & Towne Mfg. Co.	61,836	Apr. 9	127	2388
Chain. Wire	Bridgeport Chain Company	64,129	July 23	129	1605
Chains	Bates & Bacon	66,654	Dec. 17	131	1937
Chains and bracelets	Freed & Peikes	61,750	Apr. 2	127	1988
Chains and chain cables. Conveyor and drive	Link-Belt Company	63,503	June 25	128	3282
Chains. Conveyor and drive	Link-Belt Company	63,504	June 25	128	3282
Chains. Drive and conveyor	Link-Belt Company	62,988	June 4	128	2078
Chains. Drive and conveyor	Link-Belt Company	63,003	June 4	128	2078
Chains. Drive and conveyor	Link-Belt Company	63,004	June 4	128	2078
Chains. Drive and conveyor	Link-Belt Company	63,052	June 4	128	2079
Chains. Filled	S. O. Bigney	65,016	Sept. 3	130	294
Chains. Machine-made	Diamond Chain and Manufacturing Company.	62,532	May 14	128	880
Chains. Ornamental	O. M. Draper	59,381	Jan. 8	126	749
Chairs	Corry Chair Co.	64,961	Sept. 3	130	293
Chairs, beds, and car-seats	Hale and Kilburn Manufacturing Company.	64,031	July 23	129	1603
Chairs, rockers, settees, and sofas	Taylor Chair Company	66,613	Dec. 17	131	1936
Chairs, tables, commodes, dressers, bureaus, and wardrobes	W. F. Lockhart & Co.	60,795	Feb. 19	126	3037
Chamois-skins	Pennsylvania Tanning Company.	66,304	Nov. 19	131	937
Champagne	Blondeau, Berque & Co.	59,721	Jan. 15	126	1058
Champagne	Blondeau, Berque & Co.	61,868	Apr. 9	127	2339
Champagne	Merle & Co.	66,147	Nov. 12	131	686
Champagne	Merle & Co.	66,148	Nov. 12	131	686
Champagne	Merle & Co.	66,149	Nov. 12	131	686
Champagne	Merle & Co.	66,150	Nov. 12	131	686
Champagne	Merle & Co.	66,151	Nov. 12	131	686
Champagne	Merle & Co.	66,152	Nov. 12	131	686
Champagnes	Lanson Père & Fils.	60,902	Feb. 26	126	3416
Charcoal	Clifford Bros.	66,831	Dec. 31	131	2412
Cheese	F. X. Baumert & Company	60,251	Feb. 5	126	2181
Cheese	F. X. Baumert & Company	60,289	Feb. 5	126	2182
Cheese	Zealand Cheese Co.	60,671	Feb. 19	126	3034
Cheese	Zealand Cheese Co.	60,672	Feb. 19	126	3034
Cheese	Reiss & Brady	61,059	Mar. 5	127	385
Cheese	C. C. Martin	62,007	Apr. 16	127	2810
Cheese	F. Luder	62,592	May 14	128	881
Cheese	Chautauqua Refrigerating Co.	63,732	July 2	129	476
Cheese	S. J. Stevens Company	64,265	July 30	129	2070
Cheese	A. Ethridge & Co.	64,282	July 30	129	2070
Cheese	J. S. Martin & Co.	64,389	Aug. 6	129	2494
Cheese	Leon C. Magaw Cheese Company.	64,738	Aug. 20	129	3155
Cheese	W. J. Eldridge	65,524	Oct. 8	130	1682
Cheese	W. J. Eldridge	65,525	Oct. 8	130	1682
Cheese	O. M. Crego	66,285	Nov. 19	131	937
Cheese. Limburger	M. Uhlmann	59,932	Jan. 22	126	1350
Cheese made from cows' milk	J. R. Thomas' Sons	61,933	Apr. 9	127	2390
Cheese. Roquefort	I. Rigal	65,914	Oct. 29	130	2714
Cheese. Roquefort	Société Anonyme des Caves et des Producteurs réunis de Roquefort (Aveyron).	66,598	Dec. 17	131	1935
Chemical. Certain	Chemische Fabrik von Heyden Aktien-Gesellschaft.	66,547	Dec. 10	131	1682
Chemical. Certain	G. W. Gilbert	66,787	Dec. 31	131	2411
Chemical. Certain named	Bank Safe Protection Co.	60,385	Feb. 5	126	2184
Chemical composition. Liquid	F. A. Hoppe	63,643	July 2	129	474
Chemical compound	J. A. & W. Bird & Co.	62,090	Apr. 16	127	2812
Chemical compound. Certain	Mergenthaler Linotype Co.	59,264	Jan. 1	126	383
Chemical compound. Certain	J. T. Wright	62,739	May 21	128	1288
Chemical compound. Certain	Home Laboratories	65,739	Oct. 22	130	2365
Chemical compound. Certain	G. M. Woods	65,747	Oct. 22	130	2366
Chemical compounds. Certain	Cotto-Waxo Company	61,941	Apr. 9	127	2390
Chemical preparation	S. Cabot	60,810	Feb. 19	126	3037
Chemical preparation. Certain	Summit City Soap Works	60,046	Jan. 22	126	1353
Chemical preparation. Certain	Dampicide Company	64,305	July 30	129	2071
Chemical preparation. Certain	Bidtel Chemical Works	66,602	Dec. 17	131	1935
Chemical preparation. Liquid	S. Cabot	63,467	June 25	128	3281
Chemical preparations. Certain	Fritzsch Brothers	62,432	May 7	128	450
Chemical preparations. Certain	Faxon Williams & Faxon	66,783	Dec. 31	131	2411
Chemical substances. Certain	Actien-Gesellschaft für Anilin-Fabrikation.	60,591	Feb. 12	126	2584
Chemical substances. Certain	Actien-Gesellschaft für Anilin-Fabrikation.	60,592	Feb. 12	126	2585
Chemicals and antiseptics. Certain	L. G. B. Erb	66,216	Nov. 19	131	935
Chemicals. Certain	Badische Anilin- & Soda-Fabrik	60,440	Feb. 5	126	2186
Chemicals. Certain	Dr. O. Knöfler and Company	60,607	Feb. 12	126	2585

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Chemicals. Certain	Continental Color and Chemical Co.	61,024	Feb. 26	126	3419
Chemicals. Certain	Sharp & Dohme.	61,203	Mar. 5	127	389
Chemicals. Certain	Farbenfabriken vorm. Friedr. Bayer & Co.	62,611	May 14	128	882
Chemicals. Certain	Farbenfabriken vorm. Friedr. Bayer & Co.	62,614	May 14	128	882
Chemicals. Certain	Farbenfabriken vorm. Friedr. Bayer & Co.	62,615	May 14	128	882
Chemicals. Certain	Badische Anilin & Soda Fabrik.	63,303	June 11	128	2525
Chemicals. Certain	E. Bischoff.	63,638	July 2	129	474
Chemicals. Certain	Howards & Sons.	63,980	July 16	129	1263
Chemicals. Certain	Hedworth Barium Co.	64,633	Aug. 13	129	2854
Chemicals. Certain	C. F. Boehringer & Soehne.	65,161	Sept. 10	130	651
Chemicals. Certain	Albright & Wilson.	65,861	Oct. 29	130	2713
Chemicals. Certain	Chemische Werke Hansa Gesellschaft mit beschränkter Haftung.	66,353	Nov. 26	131	1155
Chemicals. Certain named	Chemische Fabric auf Actien (vorm E. Schering).	59,094	Jan. 1	126	379
Chemicals. Certain named	Farbenfabriken vorm. Friedr. Bayer & Co.	60,020	Jan. 22	126	1352
Chiffon	Benedictus, Weill & Company.	59,153	Jan. 1	126	380
Chiffons	G. P. Ford.	65,438	Sept. 24	130	1305
Chiffons, malines, ribbons, and velvets.	Friedmann & Distillator.	66,740	Dec. 24	131	2140
Chiffonniers, dressers, and commodes.	Marvel Furniture Company.	61,116	Mar. 5	127	387
Chill and fever and corn cure.	J. C. Mendenhall.	59,584	Jan. 8	126	754
Chimneys and globes for lights.	Fostoria Glass Specialty Company.	62,346	Apr. 30	127	3638
China for domestic purposes.	Geo. Borgfeldt & Co.	63,524	June 25	128	3282
China, stoneware, porcelain, &c.	Villeroy & Boch.	63,426	June 18	128	2831
Chisels, files, saws, and puncheons.	Daimler-Motoren-Gesellschaft.	65,354	Sept. 24	130	1303
Chisels, gouges, and drawing-knives.	Reliance Edge Tool Company.	62,462	May 7	128	451
Chlorates and bichromates.	National Electrolytic Co.	61,197	Mar. 5	127	389
Chocolate	W. H. Baker.	61,216	Mar. 12	127	841
Chocolate	Bishop & Company.	62,448	May 7	128	450
Chocolate	Abraham & Straus.	62,476	May 7	128	451
Chocolate	Bernese Chocolate Works Tobler & Co.	63,415	June 18	128	2831
Chocolate	J. de Fremery & Co.	63,522	June 25	128	3282
Chocolate	S. F. Whitman & Son.	64,004	July 16	129	1264
Chocolate	Société Guérin-Boutron & Fils.	64,575	Aug. 13	129	2853
Chocolate	J. R. Elfreth.	66,794	Dec. 31	131	2411
Chocolate and cacao butter.	Hance Bros. & White.	63,955	July 16	129	1262
Chocolate and cacao	Société Anonyme des Chocolats de Montreux, Séchaud & Fils.	59,110	Jan. 1	126	379
Chocolate and cacao	Pennsylvania Chocolate Company.	59,271	Jan. 1	126	384
Chocolate and cacao	Pennsylvania Chocolate Company.	59,451	Jan. 8	126	751
Chocolate and cacao	"Sarotti" Chokoladen- & Cacao-Industrie, Aktiengesellschaft.	60,085	Jan. 29	126	1768
Chocolate and cacao	Pennsylvania Chocolate Company.	60,294	Feb. 5	126	2182
Chocolate and cacao	Pennsylvania Chocolate Company.	60,295	Feb. 5	126	2182
Chocolate and cacao	Pennsylvania Chocolate Company.	61,996	Apr. 16	127	2809
Chocolate and cacao	Runkel Brothers.	62,559	May 14	128	880
Chocolate and cacao	"Lucerna" Anglo-Swiss Milk Chocolate Co.	63,100	June 4	128	2081
Chocolate and cacao	"Lucerna" Anglo-Swiss Milk Chocolate Co.	63,101	June 4	128	2081
Chocolate and cacao	Cadbury Brothers.	65,081	Sept. 3	130	296
Chocolate and cacao	Pennsylvania Chocolate Company.	66,608	Dec. 17	131	1935
Chocolate, cacao, and bonbons.	"Lucerna" Anglo-Swiss Milk Chocolate Co.	61,528	Mar. 26	127	1572
Chocolate, cacao, and candy.	Puritan Pure Food Company.	60,461	Feb. 12	126	2581
Chocolate, cacao, and chocolate candies.	Russ-Suchard & Cie.	63,555	June 25	128	3283
Chocolate, cacao, and chocolate candies.	Russ-Suchard & Cie.	63,556	June 25	128	3283
Chocolate, cacao, and chocolate candies.	Russ-Suchard & Cie.	63,602	June 25	128	3284
Chocolate creams and candy.	Joseph B. Funke Company.	59,256	Jan. 1	126	383
Chocolate-molds	A. Reiche.	61,452	Mar. 19	127	1250
Chocolate, sweet and unsweetened, and cacao.	Runkel Brothers.	61,066	Mar. 5	127	386
Chocolates	J. G. McDonald Candy Company.	60,657	Feb. 19	126	3033
Chocolates	J. G. McDonald Candy Company.	62,184	Apr. 23	127	3210
Chocolates	Ginter Grocery Co.	64,064	July 23	129	1604
Chocolates	J. G. McDonald Candy Company.	64,553	Aug. 13	129	2852
Chocolates	Ginter Grocery Co.	64,568	Aug. 13	129	2853
Chocolates	Touraine Confectionery Co.	64,764	Aug. 20	129	3156
Chocolates	Touraine Confectionery Co.	64,952	Aug. 27	129	3498
Chocolates	Ginter Grocery Co.	65,048	Sept. 3	130	295
Chocolates	Touraine Confectionery Co.	65,058	Sept. 3	130	295
Chocolates and bonbons.	F. H. Dow & Company.	60,454	Feb. 12	126	2581
Chocolates and bonbons.	H. Roller.	63,585	June 25	128	3284
Chocolates and candy.	Wallace & Co.	65,382	Sept. 24	130	1304
Chocolates and candy.	Wallace & Co.	65,578	Oct. 8	130	1684
Chocolates and candy.	Wallace & Co.	65,579	Oct. 8	130	1684
Chocolates and candies.	Allen-Day Company.	64,716	Aug. 20	129	3154
Chocolates and candies.	Allen-Day Company.	66,035	Nov. 5	131	355
Chocolates and chocolate candies.	S. F. Whitman & Son.	62,339	Apr. 30	127	3637
Chocolates, bonbons, and chewing candies.	Bradley, Smith Co.	64,725	Aug. 20	129	3155
Chucks	Morse Twist Drill & Machine Company.	64,172	July 30	129	2067
Chucks	Morse Twist Drill & Machine Company.	64,173	July 30	129	2067
Chucks and head-stocks. Lathe.	American Watch Tool Company.	59,936	Jan. 22	126	1350

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Chucks, arbors, and mandrels.....	Morse Twist Drill & Machine Company.....	59,614	Jan. 15	126	1055
Chucks. Lathe.....	Hoggson & Pettis Manufacturing Company.....	59,327	Jan. 8	126	747
Cider.....	G. B. Gehlert.....	61,874	Apr. 9	127	2389
Cider.....	T. F. Laubach.....	64,365	Aug. 6	129	2494
Cider.....	Paducah Vinegar Works.....	65,683	Oct. 15	130	2062
Cider.....	Fleming & Christian Co.....	66,487	Dec. 3	131	1417
Cider and soda-water.....	Red Rock Company.....	62,409	May 7	128	449
Cigar-cabinets.....	Cooper & McKee.....	61,555	Mar. 26	127	1573
Cigars.....	G. D. Jones.....	59,065	Jan. 1	126	378
Cigars.....	Wertheimer Bros.....	59,079	Jan. 1	126	378
Cigars.....	Niles & Moser.....	59,268	Jan. 1	126	383
Cigars.....	Jose Lovera Co.....	59,354	Jan. 8	126	748
Cigars.....	L. S. Palmer.....	59,358	Jan. 8	126	748
Cigars.....	Hulman & Co.....	59,481	Jan. 8	126	751
Cigars.....	Chapin & Gore.....	59,870	Jan. 22	126	1348
Cigars.....	Cuesta, Rey & Co.....	60,015	Jan. 22	126	1352
Cigars.....	Castañeda (Havana) Cigar Factories.....	60,126	Jan. 29	126	1769
Cigars.....	Castañeda (Havana) Cigar Factories.....	60,127	Jan. 29	126	1769
Cigars.....	Cuesta, Rey & Co.....	60,148	Jan. 29	126	1769
Cigars.....	I. Lewis.....	60,152	Jan. 29	126	1769
Cigars.....	W. H. Barlow.....	60,503	Feb. 12	126	2582
Cigars.....	Cifuentes, Fernandez y Ca.....	60,514	Feb. 12	126	2582
Cigars.....	Cifuentes, Fernandez y Ca.....	60,515	Feb. 12	126	2582
Cigars.....	Cifuentes, Fernandez y Ca.....	60,516	Feb. 12	126	2582
Cigars.....	H. B. Lockwood.....	60,537	Feb. 12	126	2583
Cigars.....	O'Connell & Gruss.....	60,561	Feb. 12	126	2584
Cigars.....	D. C. Hitt.....	61,335	Mar. 19	127	1247
Cigars.....	Fritz Bros. Co.....	61,510	Mar. 26	127	1572
Cigars.....	Park & Tilford.....	61,605	Mar. 26	127	1574
Cigars.....	Park & Tilford.....	61,606	Mar. 26	127	1574
Cigars.....	Park & Tilford.....	61,607	Mar. 26	127	1574
Cigars.....	E. F. Schweikert.....	61,689	Apr. 2	127	1986
Cigars.....	M. W. Diffley, Inc.....	61,810	Apr. 9	127	2387
Cigars.....	J. H. Johnson.....	62,005	Apr. 16	127	2810
Cigars.....	L. G. Smith & Co.....	62,078	Apr. 16	127	2812
Cigars.....	Wertheimer Bros.....	62,254	Apr. 30	127	3635
Cigars.....	S. S. Pierce Co.....	62,412	May 7	128	449
Cigars.....	P. G. Crocov.....	62,520	May 14	128	879
Cigars.....	T. A. Robinson.....	62,543	May 14	128	880
Cigars.....	Fernandez, Wodiska y Corral.....	62,552	May 14	128	880
Cigars.....	Park & Tilford.....	62,817	May 28	128	1682
Cigars.....	Butler-Butler.....	62,829	May 28	128	1682
Cigars.....	Butler-Butler.....	62,851	May 28	128	1683
Cigars.....	Park & Tilford.....	62,864	May 28	128	1683
Cigars.....	Park & Tilford.....	62,865	May 28	128	1683
Cigars.....	J. F. Sunttych.....	63,205	June 11	128	2522
Cigars.....	A. Davis.....	63,223	June 11	128	2523
Cigars.....	J. Fearey & Company.....	63,334	June 18	128	2829
Cigars.....	J. F. Wilcox & Company.....	63,354	June 18	128	2829
Cigars.....	Allen Brothers Company.....	63,568	June 25	128	3283
Cigars.....	Allen Brothers Company.....	63,569	June 25	128	3283
Cigars.....	R. Fernandez & Ca.....	63,890	July 9	129	867
Cigars.....	El Arte Cigar Co.....	63,931	July 16	129	1262
Cigars.....	Heinemann Bros.....	63,933	July 16	129	1262
Cigars.....	Butler-Butler.....	63,952	July 16	129	1262
Cigars.....	U. Koen & Co.....	64,052	July 23	129	1603
Cigars.....	U. Koen & Co.....	64,053	July 23	129	1603
Cigars.....	J. F. O'Donnell.....	64,398	Aug. 6	129	2495
Cigars.....	Solis Cigar Company.....	64,402	Aug. 6	129	2495
Cigars.....	Gustav A. Moebs & Co.....	64,517	Aug. 13	129	2851
Cigars.....	Gustav A. Moebs & Co.....	64,518	Aug. 13	129	2852
Cigars.....	Gustav A. Moebs & Co.....	64,519	Aug. 13	129	2852
Cigars.....	Gustav A. Moebs & Co.....	64,520	Aug. 13	129	2852
Cigars.....	Gustav A. Moebs & Co.....	64,521	Aug. 13	129	2852
Cigars.....	Park & Tilford.....	64,556	Aug. 13	129	2852
Cigars.....	S. Doty.....	64,567	Aug. 13	129	2853
Cigars.....	J. J. Schaefer.....	64,667	Aug. 20	129	3153
Cigars.....	F. Rodriguez y Ca.....	64,686	Aug. 20	129	3154
Cigars.....	Omacht & Stedman.....	64,988	Sept. 3	130	294
Cigars.....	R. Fernandez & Co.....	65,673	Oct. 15	130	2062
Cigars.....	Y. Pendas & Alvarez.....	65,694	Oct. 15	130	2063
Cigars.....	Gustav A. Moebs & Co.....	65,755	Oct. 22	130	2366
Cigars.....	G. A. Moebs & Co.....	66,137	Nov. 12	131	686
Cigars.....	G. A. Moebs & Co.....	66,138	Nov. 12	131	686
Cigars.....	P. Mohr.....	66,221	Nov. 19	131	935
Cigars.....	Rupp & Oeschger.....	66,476	Dec. 3	131	1417
Cigars.....	J. C. Newman.....	66,562	Dec. 10	131	1682
Cigars.....	Louis Kindling Co.....	66,710	Dec. 24	131	2140
Cigars.....	Starlight Brothers.....	66,887	Dec. 31	131	2414
Cigars.....	Park & Tilford.....	61,341	Mar. 19	127	1247
Cigars and cigarettes.....	G. H. G. Wing.....	62,258	Apr. 30	127	3635
Cigars and cigarettes.....	I. Lewis.....	60,132	Jan. 29	126	1769
Cigars, cheroots, and all-tobacco cigarettes.....	Suesskind Schatz Co.....	59,173	Jan. 1	126	381
Cigars, cheroots, and cigarettes.....	Cayey-Caguas Tobacco Company.....	59,837	Jan. 22	126	1347
Cigars, cheroots, and cigarettes.....	Cayey-Caguas Tobacco Company.....	63,331	June 18	128	2829
Cigars, cheroots, and cigarettes made of cigar-tobacco.....	Cayey-Caguas Tobacco Company.....	59,466	Jan. 8	126	751
Cigars, cheroots, and cigarettes made of cigar-tobacco.....	Cayey-Caguas Tobacco Company.....	59,467	Jan. 8	126	751
Cigars, cheroots, and cigarettes made of cigar-tobacco.....	Cayey-Caguas Tobacco Company.....	59,628	Jan. 15	126	1056
Cigars, cheroots, and little cigars.....	Esberg-Gunst Company.....	59,664	Jan. 15	126	1057
Cigars, cheroots, and little cigars.....	Esberg-Gunst Company.....	59,665	Jan. 15	126	1057
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Cigars, cheroots, and little cigars.....	V. M. Antuono.....	65,547	Oct. 8	130	1683
Cigars, cheroots, and little cigars.....	V. M. Antuono.....	65,548	Oct. 8	130	1683
Cigars, cheroots, cigarettes, and tobacco.....	W. T. Donovan.....	64,306	July 30	129	2071
Cigars, cigarettes, and tobacco.....	R. Ulmer & Son.....	64,671	Aug. 20	129	3153
Cigars, cigarettes, and tobaccos.....	Butler-Butler.....	63,744	July 9	129	863
Cigars, cigarettes, cheroots, and tobacco.....	D. S. Saqui.....	66,225	Nov. 19	131	935
Cigars, cigarettes, smoking and chewing tobacco.....	Carlowitz & Co.....	61,287	Mar. 12	127	843
Cigars, cigarettes, tobacco, and snuff.....	Prospero De Nobilli and Co.....	63,905	July 16	129	1261
Cigars in boxes.....	M. E. Palmer.....	61,354	Mar. 19	127	1247
Cigars. Little.....	Butler-Butler.....	59,597	Jan. 15	126	1055
Cigars. Little.....	Butler-Butler.....	59,598	Jan. 15	126	1055
Cigars, stogies, and tobaccos.....	D. A. Wolf.....	64,080	July 23	129	1604
Cigarette-paper.....	A. A. Koháry.....	61,859	Apr. 9	127	2388
Cigarette-paper.....	S. Ruby & Co.....	66,145	Nov. 12	131	686
Cigarettes.....	Maspero Frères.....	61,303	Mar. 12	127	843
Cigarettes.....	J. G. Saffa.....	61,312	Mar. 12	127	843
Cigarettes.....	J. F. Lazarakis.....	60,939	Feb. 26	126	3417
Cigarettes.....	Butler-Butler.....	62,527	May 14	128	879
Cigarettes.....	African Cigarette Company.....	64,327	Aug. 6	129	2493
Cigarettes.....	Butler-Butler.....	60,125	Jan. 29	126	1769
Cigarettes.....	J. G. Saffa.....	60,567	Feb. 12	126	2584
Cigarettes.....	African Cigarette Company.....	64,328	Aug. 6	129	2493
Cigarettes.....	A. Parmis Company.....	64,429	Aug. 6	129	2495
Cigarettes.....	Rectors.....	66,007	Nov. 5	131	354
Cigarettes and smoking-tobacco.....	Calixto Topez & Co.....	60,510	Feb. 12	126	2582
Cigarettes and smoking-tobacco.....	Orientalische Tabak und Cigarettenfabrik Yenidze Inhaber Hugo Zietz.....	65,682	Oct. 15	130	2062
Cigarettes, cigars, and tobacco.....	African Cigarette Company.....	64,269	July 30	129	2070
Cigarettes, cigars, and tobacco.....	Maspero Frères.....	65,680	Oct. 15	130	2062
Cigarettes, cigars, smoking and chewing tobacco.....	African Cigarette Company.....	60,762	Feb. 19	126	3036
Circulars, pamphlets, and librettos.....	Steinway & Sons.....	61,850	Apr. 9	127	2388
Clam preparation.....	Rosenstein Brothers.....	60,491	Feb. 12	126	2582
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Clay sewer-pipes, flue-linings, and conduits.....	National Fire Proofing Company.....	64,502	Aug. 13	129	2851
Clay. Stove.....	Bridgeport Crucible Co.....	61,640	Apr. 2	127	1985
Cleaner. Liquid clothes.....	H. W. Bendzick.....	63,622	July 2	129	473
Cleaners. Carpet, cloth, and glove.....	Citizens' Wholesale Supply Company.....	61,473	Mar. 26	127	1571
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Cleaning and polishing compounds.....	H. E. Ruger.....	60,688	Feb. 19	126	3034
Cleaning and polishing compounds.....	H. E. Ruger.....	60,689	Feb. 19	126	3034
Cleaning and polishing preparation.....	A. H. Cross.....	60,648	Feb. 19	126	3033
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Cleaning and whitening compounds. Certain.....	S. M. Bixby.....	62,964	June 4	128	2077
Cleaning and whitening compounds. Certain.....	S. M. Bixby.....	62,965	June 4	128	2077
Cleaning and whitening compounds. Certain.....	S. M. Bixby.....	62,966	June 4	128	2077
Cleaning and whitening compounds. Certain.....	S. M. Bixby.....	62,967	June 4	128	2077
Cleaning compound. Certain.....	W. Creamer & Co.....	65,752	Oct. 22	130	2366
Cleaning compounds.....	White & Bagley Co.....	59,150	Jan. 1	126	380
Cleaning compounds.....	White & Bagley Co.....	59,935	Jan. 22	126	1350
Cleaning compounds. Detergent.....	C. W. Nicholas.....	65,346	Sept. 17	130	974
Cleaning fabrics and gloves. Compound for.....	H. W. Morse.....	64,426	Aug. 6	129	2495
Cleaning fabrics and gloves. Compound for.....	H. W. Morse.....	64,427	Aug. 6	129	2495
Cleaning fluid.....	Davis Chemical Company.....	65,551	Oct. 8	130	1683
Cleaning fluid. Detergent.....	J. B. Fuller.....	63,809	July 9	129	864
Cleaning machinery and parts thereof. Air.....	American Air Cleaning Company.....	65,604	Oct. 8	130	1684
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Cleaning preparation. Detergent.....	Chemische Fabrik Griesheim-Elektron.....	61,628	Apr. 2	127	1985
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Cleansing and disinfecting preparation.....	American Antiformin Co.....	61,693	Apr. 2	127	1986
Cleansing and polishing. Cloth for.....	Zip Cloth Manufacturing Company.....	65,779	Oct. 22	130	2366
Cleansing compositions for ale and beer pipes.....	M. MacMahon.....	64,743	Aug. 20	129	3155
Cleansing compound.....	W. B. Hodge.....	60,069	Jan. 29	126	1767
Cleansing preparation. Certain.....	Albion Manufacturing Company.....	62,825	May 28	128	1682
Cleansing preparation. Certain.....	A. W. Lyon.....	63,176	June 11	128	2522
Cloaks, outer suits, and skirts.....	Landesman Hirscheimer Company.....	66,880	Dec. 31	131	2413
Cloaks, suits, and dress-skirts. Ladies'.....	A. Ruben & Co.....	62,596	May 14	128	881
Clocks.....	A. Y. Jansen.....	63,002	June 4	128	2078
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Cloth and piece goods. Certain.....	M. Rosenbaum's Sons.....	59,645	Jan. 15	126	1056
Cloth and piece goods. Certain.....	M. Rosenbaum's Sons.....	64,616	Aug. 13	129	2854
Cloth and piece goods. Certain.....	M. Rosenbaum's Sons.....	64,617	Aug. 13	129	2854
Cloth and piece goods. Certain.....	M. Rosenbaum's Sons.....	64,798	Aug. 20	129	3157
Clothes-drying machines.....	Chicago Dryer Company.....	60,512	Feb. 12	126	2582
Clothes-lines. Cotton.....	Cleveland Mill and Power Company.....	62,146	Apr. 23	127	3209
Clothes-lines. Cotton.....	Cleveland Mill and Power Company.....	62,147	Apr. 23	127	3209
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Clothes-wringers.....	American Wringer Company.....	66,124	Nov. 12	131	686
Clothes-wringers.....	American Wringer Company.....	66,125	Nov. 12	131	686
Clothes-wringers.....	American Wringer Company.....	66,126	Nov. 12	131	686
Clothes-wringers.....	American Wringer Company.....	66,127	Nov. 12	131	686
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Clothes-wringers.....	American Wringer Company.....	66,129	Nov. 12	131	686
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Clothing. Certain.....	Kerfoot, Miller and Company.....	61,383	Mar. 19	127	1248
Clothing. Certain.....	Paulson Brothers Company.....	61,386	Mar. 19	127	1248
Clothing. Certain.....	Heidelberg, Wolff & Co.....	61,600	Mar. 26	127	1574
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Clothing. Certain.....	W. Read & Sons.....	62,013	Apr. 16	127	2810
Clothing. Certain.....	G. Bamberger & Company.....	62,143	Apr. 23	127	3209
Clothing. Certain.....	Wright & Diston.....	62,738	May 21	128	1288
Clothing. Certain.....	Clio Waist Co.....	63,263	June 11	128	2524
Clothing. Certain.....	Moore Smith Co.....	63,681	July 2	129	475
Clothing. Certain.....	Bischof, Sterne & Stein.....	63,772	July 9	129	864
Clothing. Certain.....	Lawton & Hall.....	63,782	July 9	129	864
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Clothing. Certain.....	A. G. Spalding & Bros.....	63,797	July 9	129	864
Clothing. Certain.....	A. G. Spalding & Bros.....	63,798	July 9	129	864
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Clothing. Certain.....	Aitken, Son & Co.....	64,768	Aug. 20	129	3156
Clothing. Certain.....	Guterman Bros.....	65,096	Sept. 10	130	649
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Clothing. Certain articles of.....	Cellular Clothing Company.....	63,163	June 11	128	2521
Clothing. Certain named.....	Stahl-Urban & Co.....	59,172	Jan. 1	126	381
Clothing. Certain named.....	C. Kenyon Company.....	59,318	Jan. 8	126	747
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Clothing. Certain named.....	C. Kenyon Company.....	59,373	Jan. 8	126	749
Clothing. Certain named.....	C. Kenyon Company.....	59,374	Jan. 8	126	749
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Clothing. Certain work-.....	Burnham-Munger Mfg. Co.....	65,621	Oct. 15	130	2061
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Coal.....	Black Band Coal & Coke Co.....	62,850	May 28	128	1683
Coal.....	Consumers Coal Co.....	62,974	June 4	128	2077
Coal.....	J. C. McGrew.....	63,145	June 11	128	2521
Coal.....	Howe & David.....	63,234	June 11	128	2523
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Coal-cutting machines.....	Pneumelectric Machine Company.....	61,687	Apr. 2	127	1986
Coating compositions. Certain liquid.....	Century Preserver Co.....	62,477	May 7	128	451
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Coats, capes, pants, &c. Waterproof.....	E. A. Armstrong Mfg. Co.....	62,379	Apr. 30	127	3638
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Coats or garments. Pads or padding for.....	Phoenix Pad Company.....	64,861	Aug. 27	129	3496
Coats or garments. Pads or padding for.....	Phoenix Pad Company.....	64,862	Aug. 27	129	3496
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Coats, overcoats, vests, and trousers.....	Stein Bloch Co.....	60,573	Feb. 12	126	2584
Coats, overcoats vests, and trousers.....	L. Adler Bros. & Co.....	66,879	Dec. 31	131	2413
Coats, pants, and vests.....	Rosenbaum Co.....	61,886	Apr. 9	127	2389
Coats, pants, and vests.....	Gray Bros. & Co.....	63,755	July 9	129	863
Coats, pants, overalls, and blouses.....	Larned, Carter & Co.....	60,032	Jan. 22	126	1352
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Coats, vests, trousers, and overcoats.....	J. Wurtzbarger.....	63,919	July 16	129	1261
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Cocoa and chocolate.....	H. S. Nunn.....	59,450	Jan. 8	126	751
Cocoa and chocolate.....	Great Atlantic & Pacific Tea Company.....	63,071	June 4	128	2080
Cocoa and chocolate.....	W. M. Cabill.....	64,726	Aug. 20	129	3155
Cocoa and chocolate.....	Mazawattee Tea Company.....	66,688	Dec. 24	131	2139
Cocoa, chocolate, and candy.....	Stollwerck Bros.....	66,311	Nov. 19	131	937
Cocoa, chocolate, and chocolate candy.....	Ambrosia Chocolate Company.....	61,662	Apr. 2	127	1986
Cocoa, chocolate, and preparations thereof.....	B. E. Enge.....	63,067	June 4	128	2080
Cocoa, chocolate, and preparations thereof.....	B. E. Enge.....	65,045	Sept. 3	130	295
Cocoanut butter or oil.....	Loders & Nucoline.....	64,067	July 23	129	1604
Cocoanut. Shredded.....	Franklin Baker Company.....	60,276	Feb. 5	126	2181
Coffee.....	C. F. Blanke Tea & Coffee Co.....	59,182	Jan. 1	126	381
Coffee.....	S. Mills Ely Co.....	59,796	Jan. 15	126	1060
Coffee.....	C. H. Conrad.....	59,809	Jan. 15	126	1060
Coffee.....	R. W. Weir & Company.....	59,863	Jan. 22	126	1348
Coffee.....	C. W. Antrim & Sons.....	59,901	Jan. 22	126	1349
Coffee.....	R. W. Weir & Company.....	59,934	Jan. 22	126	1350
Coffee.....	R. W. Weir & Company.....	60,093	Jan. 29	126	1768
Coffee.....	Levering Coffee Co.....	60,103	Jan. 29	126	1768
Coffee.....	Levering Coffee Co.....	60,104	Jan. 29	126	1768
Coffee.....	Shackleton, Aspden & Co.....	60,463	Feb. 12	126	2581
Coffee.....	Reily, Taylor & Co.....	60,490	Feb. 12	126	2582
Coffee.....	Ohio Coffee & Spice Company.....	60,661	Feb. 19	126	3033
Coffee.....	J. J. Schotten.....	60,690	Feb. 19	126	3034
Coffee.....	Dadabhoy & Co.....	60,857	Feb. 26	126	3415
Coffee.....	Sprague, Warner & Company.....	60,868	Feb. 26	126	3415
Coffee.....	Acker, Merrill & Condit Company.....	61,047	Mar. 5	127	385
Coffee.....	Ohio Coffee & Spice Company.....	61,056	Mar. 5	127	385
Coffee.....	T. L. Owens.....	61,651	Apr. 2	127	1985
Coffee.....	Woolson Spice Company.....	62,083	Apr. 16	127	2812
Coffee.....	Yerxa Bros. & Co.....	62,084	Apr. 16	127	2812
Coffee.....	B. Fischer & Co.....	62,171	Apr. 23	127	3210
Coffee.....	Dayton Spice Mills Co.....	62,217	Apr. 23	127	3211
Coffee.....	Woolson Spice Company.....	62,822	May 28	128	1682
Coffee.....	Woolson Spice Company.....	62,823	May 28	128	1682
Coffee.....	Woolson Spice Company.....	62,824	May 28	128	1682
Coffee.....	G. B. Feahney.....	62,876	May 28	128	1683
Coffee.....	Ohio Coffee & Spice Company.....	63,129	June 4	128	2082
Coffee.....	John Blaul's Sons Company.....	63,277	June 11	128	2524
Coffee.....	John Blaul's Sons Company.....	63,278	June 11	128	2524
Coffee.....	John Blaul's Sons Company.....	63,497	June 25	128	3282
Coffee.....	T. C. Brunner & Son.....	63,575	June 25	128	3284
Coffee.....	American Coffee Co. of New Orleans.....	63,717	July 2	129	476
Coffee.....	W. H. Harrison & Co.....	63,728	July 2	129	476
Coffee.....	Allen's Coffee & Spice Mills Company.....	63,825	July 9	129	865
Coffee.....	C. S. Morey Mercantile Company.....	63,851	July 9	129	866
Coffee.....	Jones-Paddock Co.....	63,855	July 9	129	866
Coffee.....	G. B. Farrington Company.....	63,954	July 16	129	1262
Coffee.....	H. R. Hall Company.....	63,998	July 16	129	1264
Coffee.....	Jones-Paddock Co.....	64,000	July 16	129	1264
Coffee.....	Jones-Paddock Co.....	64,001	July 16	129	1264
Coffee.....	Allen Brothers Company.....	64,008	July 16	129	1264
Coffee.....	W. S. Quinby Company.....	64,078	July 23	129	1604
Coffee.....	Dolan Mercantile Company.....	64,135	July 23	129	1606
Coffee.....	C. M. & R. Tompkins.....	64,273	July 30	129	2070
Coffee.....	C. M. & R. Tompkins.....	64,274	July 30	129	2070
Coffee.....	Hills Bros.....	64,285	July 30	129	2070
Coffee.....	Climax Coffee & Baking Powder Co.....	64,514	Aug. 13	129	2851
Coffee.....	C. A. Murdock Mfg. Co.....	64,541	Aug. 13	129	2852
Coffee.....	C. A. Murdock Mfg. Co.....	64,542	Aug. 13	129	2852
Coffee.....	C. A. Murdock Mfg. Co.....	64,543	Aug. 13	129	2852
Coffee.....	C. A. Murdock Mfg. Co.....	64,544	Aug. 13	129	2852
Coffee.....	Hills Bros.....	64,551	Aug. 13	129	2852
Coffee.....	Merchants Coffee Co.....	64,745	Aug. 20	129	3155
Coffee.....	S. Hamill Company.....	64,757	Aug. 20	129	3155
Coffee.....	A. Schilling and Company.....	64,767	Aug. 20	129	3156
Coffee.....	Ohio Coffee & Spice Company.....	64,920	Aug. 27	129	3497
Coffee.....	Dennett Surpassing Coffee Company.....	64,933	Aug. 27	129	3498
Coffee.....	Independence Coffee and Spice Company.....	65,123	Sept. 10	130	650
Coffee.....	Tone Bros.....	65,129	Sept. 10	130	650
Coffee.....	Tone Bros.....	65,130	Sept. 10	130	650
Coffee.....	Tone Bros.....	65,131	Sept. 10	130	650

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Coffee	Oliver-Finnie Co.	65,143	Sept. 10	130	650
Coffee	A. L. Shinnors	65,251	Sept. 17	130	971
Coffee	Baker & Company	65,520	Oct. 8	130	1682
Coffee	W. F. McLaughlin & Company	65,709	Oct. 15	130	2063
Coffee	W. F. McLaughlin & Company	65,710	Oct. 15	130	2063
Coffee	Frank L. Sanford Tea & Coffee Company	65,825	Oct. 22	130	2368
Coffee	Jones Dry Goods Co.	65,829	Oct. 22	130	2368
Coffee	Levering Coffee Co.	65,830	Oct. 22	130	2368
Coffee	W. F. McLaughlin & Co.	65,844	Oct. 22	130	2368
Coffee	W. F. McLaughlin & Co.	65,845	Oct. 22	130	2368
Coffee	C. S. Morey Mercantile Company	66,165	Nov. 12	131	687
Coffee	T. L. Owens	66,303	Nov. 19	131	937
Coffee and chicory compound	Columbia Coffee Mills	63,719	July 2	129	476
Coffee and tea	C. R. Maltby Co.	60,448	Feb. 12	126	2581
Coffee and tea	W. S. Quinby Company	61,616	Mar. 26	127	1575
Coffee and tea	W. S. Quinby Company	61,864	Apr. 9	127	2388
Coffee and tea	Abraham & Straus	62,672	May 21	128	1286
Coffee and tea	A. J. Sheldon Co.	63,302	June 11	128	2525
Coffee and tea	F. E. Royston & Co.	63,416	June 18	128	2831
Coffee and tea	W. M. Cahill	63,993	July 16	129	1263
Coffee and tea	A. Ethridge & Co.	64,280	July 30	129	2070
Coffee and tea	Black Hawk Coffee & Spice Company	64,540	Aug. 13	129	2852
Coffee and tea	S. Gatti & Son	64,549	Aug. 13	129	2852
Coffee and tea	Oliver-Finnie Co.	64,747	Aug. 20	129	3155
Coffee and tea	Oliver-Finnie Co.	64,748	Aug. 20	129	3155
Coffee and tea	Oliver-Finnie Co.	65,127	Sept. 10	130	650
Coffee and tea	Wood, Pollard & Co.	65,254	Sept. 17	130	971
Coffee and tea	Oliver-Finnie Co.	65,265	Sept. 17	130	971
Coffee and tea	Baker & Company	65,389	Sept. 24	130	1304
Coffee and tea	Sellers-Lott Coffee Company	65,836	Oct. 22	130	2368
Coffee and tea	Closset & Devers	65,822	Oct. 22	130	2368
Coffee and tea	St. Louis Coffee and Spice Mills	66,188	Nov. 12	131	687
Coffee. Cereal-food	F. J. Beebe	60,643	Feb. 19	126	3033
Coffee extract or essence	P. Bachert	65,388	Sept. 24	130	1304
Coffee in grain	J. Fernandez	60,520	Feb. 12	126	2583
Coffee. Roasted	Gordon Coffee & Spice Company	60,654	Feb. 19	126	3033
Coffee. Roasted	Dayton Spice Mills Co.	59,575	Jan. 8	126	754
Coffee. Roasted	Fort Smith Commission Company	62,172	Apr. 23	127	3210
Coffee. Roasted and ground	D. H. Hoffman	63,707	July 2	129	476
Coffee substitute	U. W. Reed	59,927	Jan. 22	126	1350
Coffee substitute	Cereal Products Company	63,433	June 18	128	2832
Coffee substitute	J. H. Gerner	63,723	July 2	129	476
Coffee substitute	Cissna Cereal Coffee Co.	65,257	Sept. 17	130	971
Coffee substitutes	Emil Seelig/A. G.	60,652	Feb. 19	126	3033
Coffee substitutes	Emil Seelig, A. G.	63,968	July 16	129	1263
Coffee. Wheat-	Potter & Wrightington	60,489	Feb. 12	126	2582
Coffees	H. Hackfeld & Co.	64,065	July 23	129	1604
Coffees	Hewlett Bros. Co.	66,469	Dec. 3	131	1417
Coffees and teas	J. L. Edwards & Co.	64,258	July 30	129	2069
Coffees and teas	Grand Union Tea Co.	64,732	Aug. 20	129	3155
Cognac	A. S. de Forge	63,673	July 2	129	475
Cognacs	Deutsch-Französische Cognac-Brennerei und Weinsprit-Raffinerie vorm. Gebrüder Macholl (Actiengesellschaft)	65,164	Sept. 10	130	651
Coke	Pittsburgh Gas & Coke Company	60,139	Jan. 29	126	1769
Coke	New England Gas & Coke Company	66,846	Dec. 31	131	2412
Coke. Washed	St. Louis, Rocky Mountain & Pacific Co.	65,106	Sept. 10	130	649
Cold cure	F. E. Schmauser	62,211	Apr. 23	127	3211
Colic and fever cure for horses and cattle	J. G. Truman	62,735	May 21	128	1287
Colic and kidney cure for mules and horses	E. H. Dunlap Mfg. Co.	59,737	Jan. 15	126	1059
Collar-supporters	Tolman Mfg. Co.	64,155	July 23	129	1606
Collars and cuffs	Hall, Hartwell & Co.	59,104	Jan. 1	126	379
Collars and cuffs. Textile	Searle Manufacturing Co.	63,985	July 16	129	1263
Collars and cuffs. Textile	J. Wanamaker	64,204	July 30	129	2068
Collars and cuffs. Waterproof	W. G. Starry	62,764	May 21	128	1288
Collars and cuffs. Waterproof	W. G. Starry	63,683	July 2	129	475
Collars and shirts. Textile	John V. Farwell Company	66,158	Nov. 12	131	686
Collars, collar-pads, and back-bands. Horse-	Couch Bros. & J. J. Eagan Co.	61,109	Mar. 5	127	387
Collars, cuffs, and shirts	Hargadine-McKittrick Dry Goods Company	62,351	Apr. 30	127	3638
Collars. Horse-	B. Young	64,374	Aug. 6	129	2494
Collars. Ladies' embroidered linen	W. Trevor	62,848	May 28	128	1683
Collars made from celluloid, &c	W. Heymann	62,809	May 28	128	1682
Cologne. Eau-de-	J. M. Farina gegenüber dem Jülichs-Platz	61,684	Apr. 2	127	1986
Color for bleachers' use. Tinting-	William Edge & Sons	61,721	Apr. 2	127	1987
Color-setting compound	A. Elhardt Söhne	65,473	Oct. 8	130	1681
Colors and blue. Anilin	Heller & Merz Co.	63,642	July 2	129	474
Colors. Coal-tar	Farbwerke vorm. Meister Lucius & Brüning	63,778	July 9	129	864
Colors, dry and in oil	Siemon & Elting	65,600	Oct. 8	130	1684
Colors, pigments, &c. Artists'	Winsor & Newton	63,629	July 2	129	473
Colors. Scenic and fresco	Toch Brothers	62,970	June 4	128	2077
Colorings. Mortar-	S. H. French & Co.	59,972	Jan. 22	126	1357
Columns. Wooden	Memphis Column Company	61,421	Mar. 19	127	1249
Comb-polish	Collonoid Company	65,584	Oct. 8	130	1684
Combs	W. H. Noyes & Bro. Co.	65,846	Oct. 22	130	2368
Combs and hair-pins	Newark TortoiseShell Novelty Co.	62,786	May 28	128	1681
Combs. Celluloid, animal and vegetable matter hair-	Radigan, Rich & Co.	66,689	Dec. 24	131	2139
Combs made from a plastic composition	J. P. Noyes & Company	59,496	Jan. 8	126	752

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Combs. Tortoise-shell and horn	Aberdeen Comb Works Com- pany.	64,184	July 30	129	2067
Combs. Vulcanized fiber for the manufacture of	Hall-Heffernan Brush Co.	66,708	Dec. 24	131	2140
Combustion. Devices for promoting	Herrick Complete Combustion Company.	60,936	Feb. 26	126	3417
Combustion. Preparation for promoting	L. Wilkinson.	66,567	Dec. 10	131	1683
Composition of matter. Certain	Electrore Manufacturing Co.	61,275	Mar. 12	127	842
Compounds for the extermination of mosquitos	A. E. Nienstadt.	60,170	Jan. 29	126	1770
Computing-machines.	Calculus Company.	65,394	Sept. 24	130	1304
Computing-machines.	Calculus Company.	65,750	Oct. 22	130	2366
Concrete articles. Certain	E. L. Holmes.	62,859	May 28	128	1683
Concrete machines, molds, &c.	Ideal Concrete Machinery Com- pany.	64,362	Aug. 6	129	2494
Concrete-mixing machinery.	Eureka Machine Co.	66,326	Nov. 19	131	938
Condensers. Steam-	Alberger Condenser Company.	60,745	Feb. 19	126	3036
Condition-powders	K K K Medicine Company.	64,286	July 30	129	2070
Confection. Certain named	Gordon, Wolf and Co.	62,576	May 14	128	881
Confectioners' paste for making candies	Mallow Cream Co.	61,566	Mar. 26	127	1573
Confectionery. Certain	Morton, Nickum & Co.	60,107	Jan. 29	126	1768
Confectionery. Certain	Roddewig-Schmidt Candy Co.	60,705	Feb. 19	126	3035
Confectionery. Certain	Reiss & Brady.	64,003	July 16	129	1264
Confectionery. Certain	Bradley, Smith Co.	64,724	Aug. 20	129	3155
Confectionery. Certain	Bradley, Smith Co.	65,393	Sept. 24	130	1304
Confectionery-flavoring materials	Puritan Drug Company.	59,274	Jan. 1	126	384
Confections. Popcorn	National Candy Company.	63,861	July 9	129	866
Consecutive-view apparatus	American Mutoscope and Bio- graph Company.	59,528	Jan. 8	126	753
Cooking by retained heat. Apparatus for	A. B. North.	60,201	Jan. 29	126	1771
Cooking compound	E. D. Cook & Co.	63,390	June 18	128	2830
Cooking utensils	Roseville Pottery Co.	62,762	May 21	128	1288
Copying baths and cloths	Hoggson & Pettis Manufacturing Company.	61,240	Mar. 12	127	841
Cordage. Certain	Columbian Rope Company.	61,075	Mar. 5	127	386
Cordage. Certain	Columbian Rope Company.	65,092	Sept. 10	130	649
Cordial	Societe Anonyme de la Distil- lerie de la Liqueur Benedictine de l'Abbaye de Fecamp.	60,241	Jan. 29	126	1772
Cordial	Societe Anonyme de la Grande Distillerie E. Cusenier Fils Aine et Compagnie.	62,200	Apr. 23	127	3211
Cordial	Campari Fratelli.	63,491	June 25	128	3281
Cordial	J. Zwack & Co.	63,691	July 2	129	475
Cordial	J. B. Lysholm.	63,784	July 9	129	864
Cordial	Chas. Jacquin et Cie.	65,345	Sept. 17	130	974
Cordial. Ginger brandy	T. W. De Rousse.	64,777	Aug. 20	129	3156
Cordial, punch, and brandy	J. B. Lysholm.	63,816	July 9	129	865
Cordials	Imperial Distilling & Cordial Co.	62,353	Apr. 30	127	3638
Cordials	Societe Anonyme de la Grande Distillerie E. Cusenier Fils Aine et Compagnie.	62,370	Apr. 30	127	3638
Cordials	Societe Anonyme de la Grande Distillerie E. Cusenier Fils Aine et Compagnie.	62,371	Apr. 30	127	3638
Cordials	M. E. Margeson.	65,448	Sept. 24	130	1305
Cordials	Golden Hill Distilling Co.	66,293	Nov. 19	131	937
Cordials	Hannah & Hogg.	66,577	Dec. 10	131	1683
Cordials and liquor essences	P. Dempsey & Co.	60,247	Jan. 29	126	1772
Cordials, rums, brandies, and whiskies	H. C. Myers.	63,036	June 4	128	2079
Cords, twines, and ropes	Silver Lake Company.	60,317	Feb. 5	126	2182
Cork-pullers. Certain	A. P. Watt.	62,163	Apr. 23	127	3210
Corks	A. Blumer.	61,233	Mar. 12	127	841
Corn	D. I. Bushnell & Co.	60,645	Feb. 19	126	3033
Corn and honey. Preparation of	J. A. Witt.	66,542	Dec. 10	131	1682
Corn and spavin cure and court-plaster	F. Atwell.	62,375	Apr. 30	127	3638
Corn-flakes	H-O (Hornby's Oatmeal) Com- pany.	63,464	June 18	128	2832
Corn-flakes. Toasted	American Hominy Company.	61,840	Apr. 9	127	2388
Corn-flakes. Toasted	American Hominy Company.	61,851	Apr. 9	127	2388
Corn or corn-chops. Cracked	Gulfpot Grocery Co.	65,907	Oct. 29	130	2714
Corn-starch	Fisher Mfg. Co.	60,064	Jan. 29	126	1767
Corn-starch	Corn Products Refining Com- pany.	63,439	June 18	128	2832
Corn-starch	New York Glucose Co.	63,836	July 9	129	865
Corn-starch	Corn Products Refining Co.	63,928	July 16	129	1262
Corn-starch	Corn Products Refining Co.	63,930	July 16	129	1262
Corn-starch	Wabash Baking Powder Com- pany.	66,193	Nov. 12	131	687
Corns, warts, bunions, and calluses. Cure for	Criswell Chemical Company.	60,834	Feb. 19	126	3028
Cornmeal	J. R. Thomas' Sons.	61,823	Apr. 9	127	2387
Cornmeal	J. H. Keatley.	62,812	May 28	128	1682
Cornmeal	Gulfpot Grocery Co.	65,050	Sept. 3	130	295
Corset-covers and petticoats	Leumann, Boesch & Weingart.	60,558	Feb. 12	126	2584
Corset covers and waists	C. A. Powell.	60,334	Feb. 5	126	2183
Corset-stiffeners	Weingarten Bros.	61,887	Apr. 9	127	2389
Corset stiffeners and stays	E. C. Weeks.	66,446	Nov. 26	131	1157
Corsets	Kabo Corset Company.	59,164	Jan. 1	126	381
Corsets	Kops Bros.	59,611	Jan. 15	126	1055
Corsets	J. M. Lacroix.	59,612	Jan. 15	126	1055
Corsets	Besten & Langen.	60,007	Jan. 22	126	1352
Corsets	Corset H Company.	60,013	Jan. 22	126	1352
Corsets	Corset H Company.	60,014	Jan. 22	126	1352
Corsets	Royal Worcester Corset Com- pany.	60,044	Jan. 22	126	1353
Corsets	Dayton Dry Goods Co.	60,323	Feb. 5	126	2183
Corsets	Kops Bros.	60,757	Feb. 19	126	3036
Corsets	Madame Irène.	61,482	Mar. 26	127	1571

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Corsets	M. Barry	62,391	May 7	128	449
Corsets	Bay State Corset Co	62,767	May 21	128	1288
Corsets	R. B. Scognamiglio	62,846	May 28	128	1683
Corsets	American Lady Corset Co	63,030	June 4	128	2079
Corsets	American Lady Corset Co	63,031	June 4	128	2079
Corsets	Weingarten Bros	63,135	June 4	128	2082
Corsets	Stix, Baer & Fuller D. Goods Co	63,386	June 18	128	2830
Corsets	J. Wanamaker	63,917	July 16	129	1261
Corsets	J. Cohen	63,924	July 16	129	1262
Corsets	Kops Bros	65,085	Sept. 3	130	296
Corsets	Royal Worcester Corset Co	66,631	Dec. 17	131	1936
Corsets and body-braces. Conformer-	C. Munter	61,409	Mar. 19	127	1249
Corsets and corset-waists	Puritan Corset Co	61,932	Apr. 9	127	2390
Corsets, bust-forms, and supporters	G. E. Peetz	61,423	Mar. 19	127	1249
Corsets, bustles, and bust-forms	Coronet Corset Company	61,870	Apr. 9	127	2389
Corundum and emery grinding-wheels	S. Sonnenthal & Co	66,030	Nov. 5	131	355
Cotton and linen duck articles. Preparation for cleaning and bleaching white	I. Nachmann	62,218	Apr. 30	127	3635
Cotton and woolen dress goods	Marshall Field & Company	64,143	July 23	129	1606
Cotton and woolen piece goods	Detmer Woolen Company	66,569	Dec. 10	131	1683
Cotton and worsted piece goods	Farr Alpaca Co	60,063	Jan. 29	126	1767
Cotton-batting	Walker and Harp Manufacturing Co.	63,900	July 16	129	1261
Cotton-batting	Southern Cotton Oil Company	65,797	Oct. 22	130	2367
Cotton chevrons for shirtings	J. Connelly & Sons	60,971	Feb. 26	126	3418
Cotton cloth	L. Hess & Co	66,470	Dec. 3	131	1417
Cotton, cotton and silk, and cotton and wool piece goods	C. C. Copeland & Co	61,479	Mar. 26	127	1571
Cotton dress goods	Burton Bros. & Co	64,585	Aug. 13	129	2853
Cotton dress goods and linings. Bolted	J. Lonke	60,133	Jan. 29	126	1769
Cotton duck	Denison Cotton Mill Co	61,157	Mar. 5	127	388
Cotton duck	Denison Cotton Mill Co	61,893	Apr. 9	127	2389
Cotton duck	Mount Vernon-Woodberry Cotton Duck Company	65,946	Oct. 29	130	2715
Cotton duck	Mount Vernon-Woodberry Cotton Duck Company	65,947	Oct. 29	130	2715
Cotton duck	Mount Vernon-Woodberry Cotton Duck Company	66,026	Nov. 5	131	355
Cotton duck	Mount Vernon-Woodberry Cotton Duck Company	66,027	Nov. 5	131	355
Cotton duck	Mount Vernon-Woodberry Cotton Duck Company	66,049	Nov. 5	131	355
Cotton duck	Mount Vernon-Woodberry Cotton Duck Company	66,050	Nov. 5	131	355
Cotton duck	Mount Vernon-Woodberry Cotton Duck Company	66,051	Nov. 5	131	355
Cotton duck	Mount Vernon-Woodberry Cotton Duck Company	66,052	Nov. 5	131	355
Cotton duck	Mount Vernon-Woodberry Cotton Duck Company	66,053	Nov. 5	131	355
Cotton duck	Consolidated Cotton Duck Company	66,466	Dec. 3	131	1417
Cotton duck	Mount Vernon-Woodberry Cotton Duck Company	66,471	Dec. 3	131	1417
Cotton duck	Mount Vernon-Woodberry Cotton Duck Company	66,561	Dec. 10	131	1682
Cotton fabric. Certain	Mount Hope Finishing Company	65,945	Oct. 29	130	2715
Cotton fabrics. Dyed	O. Goetze	62,724	May 21	128	1287
Cotton fabrics. Mercerized woven	Shields, Stone & Co	62,160	Apr. 23	127	3210
Cotton goods. Printed	Neuss, Hesslein & Co	62,541	May 14	128	880
Cotton, linen, silk, and cotton and silk piece goods	Waldo & McKelvey	60,742	Feb. 19	126	3036
Cotton linings	F. Butterfield & Co	64,216	July 30	129	2068
Cotton piece fabrics. Mercerized	C. Whitman & Co	66,348	Nov. 19	131	938
Cotton piece goods	Arnhold, Karberg & Co	59,056	Jan. 1	126	378
Cotton piece goods	G. Willis & Co	59,300	Jan. 1	126	384
Cotton piece goods	G. Willis & Co	59,341	Jan. 8	126	748
Cotton piece goods	Rice, Stix Dry Goods Company	59,644	Jan. 15	126	1056
Cotton piece goods	G. Willis & Co	59,652	Jan. 15	126	1056
Cotton piece goods	Mistrot Bros. & Co	60,039	Jan. 22	126	1353
Cotton piece goods	R. A. Suffern	60,397	Feb. 5	126	2185
Cotton piece goods	C. C. Copeland & Co	60,408	Feb. 5	126	2185
Cotton piece goods	Arnhold, Karberg & Co	60,502	Feb. 12	126	2582
Cotton piece goods	Arnhold, Karberg & Co	60,803	Feb. 19	126	3037
Cotton piece goods	Arnhold, Karberg & Co	60,804	Feb. 19	126	3037
Cotton piece goods	Arnhold, Karberg & Co	60,805	Feb. 19	126	3037
Cotton piece goods	Arnhold, Karberg & Co	60,806	Feb. 19	126	3037
Cotton piece goods	Arnhold, Karberg & Co	61,020	Feb. 26	126	3419
Cotton piece goods	Arnhold, Karberg & Co	61,021	Feb. 26	126	3419
Cotton piece goods	Grendel Mills	61,112	Mar. 5	127	387
Cotton piece goods	Boott Mills	61,368	Mar. 19	127	1248
Cotton piece goods	Boott Mills	61,369	Mar. 19	127	1248
Cotton piece goods	Boott Mills	61,370	Mar. 19	127	1248
Cotton piece goods	Boott Mills	61,371	Mar. 19	127	1248
Cotton piece goods	Boott Mills	61,372	Mar. 19	127	1248
Cotton piece goods	Boott Mills	61,373	Mar. 19	127	1248
Cotton piece goods	Boott Mills	61,374	Mar. 19	127	1248
Cotton piece goods	Boott Mills	61,375	Mar. 19	127	1248
Cotton piece goods	Boott Mills	61,400	Mar. 19	127	1248
Cotton piece goods	G. C. Copeland & Co	61,438	Mar. 19	127	1250
Cotton piece goods	American Printing Company	61,476	Mar. 26	127	1571
Cotton piece goods	Rice, Stix Dry Goods Company	61,911	Apr. 9	127	2390
Cotton piece goods	Rice, Stix Dry Goods Company	62,364	Apr. 30	127	3638
Cotton piece goods	Rice, Stix Dry Goods Company	62,365	Apr. 30	127	3638
Cotton piece goods	Rice, Stix Dry Goods Company	62,366	Apr. 30	127	3638
Cotton piece goods	Rice, Stix Dry Goods Company	62,382	Apr. 30	127	3638
Cotton piece goods	Stebbins Lawson and Spragins Co.	62,771	May 21	128	1288
Cotton piece goods	Rice, Stix Dry Goods Company	62,913	May 28	128	1684

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Cotton piece goods	Jackson Company	63,047	June 4	128	2079
Cotton piece goods	Ware Shoals Mfg. Co.	63,182	June 11	128	2522
Cotton piece goods	F. Butterfield & Co.	63,262	June 11	128	2524
Cotton piece goods	Williamsville Manufacturing Company.	63,765	July 9	129	863
Cotton piece goods	Williamsville Manufacturing Company.	63,766	July 9	129	863
Cotton piece goods	Renfrew Mfg Co.	64,117	July 23	129	1605
Cotton piece goods	American Trading Company ..	64,579	Aug. 13	129	2853
Cotton piece goods	J. M. Robinson, Norton & Co.	64,876	Aug. 27	129	3496
Cotton piece goods	A. G. Hyde & Sons.	65,059	Sept. 3	130	295
Cotton piece goods	Tremont & Suffolk Mills ..	65,466	Sept. 24	130	1306
Cotton piece goods	Arnold Karberg & Co.	66,320	Nov. 19	131	938
Cotton piece goods	Boott Mills.	66,322	Nov. 19	131	938
Cotton piece goods	Boott Mills.	66,323	Nov. 19	131	938
Cotton piece goods	C. Schmitz & Co.	66,478	Dec. 3	131	1417
Cotton piece goods and blankets.	Neuss Hesslein & Co.	59,616	Jan. 15	126	1055
Cotton piece goods and blankets.	Neuss Hesslein & Co.	59,617	Jan. 15	126	1055
Cotton piece goods and blankets.	Nashua Manufacturing Company.	62,158	Apr. 23	127	3210
Cotton piece goods and blankets.	Indian Head Mills of Alabama.	62,198	Apr. 23	127	3211
Cotton piece goods and blankets.	Indian Head Mills of Alabama.	62,331	Apr. 30	127	3637
Cotton piece goods and blankets.	Jackson Company.	62,355	Apr. 30	127	3638
Cotton piece goods and blankets.	Indian Head Mills of Alabama.	62,400	May 7	128	449
Cotton piece goods and blankets.	Jackson Company.	62,554	May 14	128	880
Cotton piece goods and blankets.	Atlantic Cotton Mills.	65,061	Sept. 3	130	295
Cotton piece goods and blankets.	Jackson Company.	65,595	Oct. 8	130	1684
Cotton piece goods. Bleached and unbleached.	E. J. Fraser-Campbell.	65,588	Oct. 8	130	1684
Cotton piece goods. Bleached and unbleached.	E. J. Fraser-Campbell.	65,589	Oct. 8	130	1684
Cotton piece goods. Bleached and unbleached.	E. J. Fraser-Campbell.	65,590	Oct. 8	130	1684
Cotton piece goods. Certain.	C. C. Copeland & Co.	61,700	Apr. 2	127	1987
Cotton piece goods. Dyed.	Wm. Simpson, Sons & Co.	66,430	Nov. 26	131	1157
Cotton piece goods, excepting silesias. Dyed.	W. Simpson Sons & Co.	59,648	Jan. 15	126	1056
Cotton piece goods. Unbleached.	Ashton, Hoare & Coy.	60,403	Feb. 5	126	2185
Cotton piece goods. Waterproofed.	William L. Barrell Co.	61,764	Apr. 2	127	1988
Cotton piece goods. Waterproofed.	William L. Barrell Co.	61,765	Apr. 2	127	1988
Cotton piece goods. Woven.	Hill Manufacturing Company ..	65,592	Oct. 8	130	1684
Cotton piece goods. Woven.	Hill Manufacturing Company ..	65,593	Oct. 8	130	1684
Cotton plaids. Woven.	Neuss Hesslein & Co.	65,453	Sept. 24	130	1305
Cotton. Raw.	Reagan Round Bale Co.	60,985	Feb. 26	126	3418
Cotton shrunks.	Collins & Company.	61,938	Apr. 9	127	2390
Cotton shrunks.	Collins & Company.	61,939	Apr. 9	127	2390
Cotton shrunks.	Collins & Company.	62,450	May 7	128	450
Cotton shrunks.	Collins & Company.	62,451	May 7	128	450
Cotton shrunks.	Collins & Company.	64,134	July 23	129	1606
Cotton, woolen, worsted, silk, and hair piece goods.	Cravenette Company.	61,701	Apr. 2	127	1987
Couches, chairs, and lounges.	J. Flindall.	64,163	July 30	129	2067
Cough-drops.	Freericks & Tammen.	62,328	Apr. 30	127	3637
Cough-drops.	Vessel Bros. Candy Co.	66,652	Dec. 17	131	1937
Cough mixture.	Ogden and Shimer.	66,647	Dec. 17	131	1936
Cough remedies.	E. J. Sormani.	65,965	Nov. 5	131	353
Cough-syrup.	H. G. Reinicker.	63,560	June 25	128	3283
Crackers.	Johnson Educator Food Co.	61,947	Apr. 9	127	2391
Crackers and biscuits.	Pacific Coast Biscuit Co.	63,941	July 16	129	1262
Crackers, biscuits, and cakes.	National Biscuit Company.	60,684	Feb. 19	126	3034
Crackers, biscuits, and cakes.	Shelby Biscuit Company.	65,250	Sept. 17	130	971
Crackers or biscuits.	Shelby Biscuit Company.	65,264	Sept. 17	130	971
Cranks, crank-axes, pitmen, piston-rods, and shafts.	H. L. Schlesinger.	62,804	May 28	128	1681
Crape.	Fried. Krupp Aktiengesellschaft.	60,430	Feb. 5	126	2185
Crapes and nun's veilings.	Benedictus, Weill & Company.	62,849	May 28	128	1683
Crates or boxes for shipping carboys.	W. Openhym & Sons.	59,337	Jan. 8	126	748
Cravats.	General Chemical Company.	65,095	Sept. 10	130	649
Cravats.	Bernstein, Kaufman & Company.	62,376	Apr. 30	127	3638
Crayons. School, artists', and lumber.	Oppenheimer, Franc & Langsdorf.	64,598	Aug. 13	129	2854
Cream and condensed milk. Sterilized.	J. M. Hoyt.	60,195	Jan. 29	126	1770
Cream and eczema cure. Massage.	Abraham & Straus.	62,239	Apr. 30	127	3635
Cream and remedy for dyspepsia. Cold.	Blanke-Baer Chemical Company.	61,247	Mar. 12	127	842
Cream. Cold.	F. N. Pond.	66,752	Dec. 24	131	2141
Cream. Cold.	Daggett & Ramsdell.	61,025	Feb. 26	126	3419
Cream. Cold, massage, and toilet.	A. M. Hobby.	63,445	June 18	128	2832
Cream. Evaporated.	L. W. Bartel.	66,737	Dec. 24	131	2140
Cream. Face.	Wisconsin Condensed Milk Co.	61,745	Apr. 2	127	1988
Cream, lotion, or powder. Toilet.	W. C. Schley.	62,286	Apr. 30	127	3636
Cream. Massage.	Benzorose Company.	63,973	July 16	129	1263
Cream of tartar.	Iron City Chemical Co.	59,255	Jan. 1	126	383
Cream of tartar, bicarbonate of soda, and saleratus.	Citizens' Wholesale Supply Company.	62,922	May 28	128	1685
Cream or paste. Shaving.	John Bird Company.	65,494	Oct. 8	130	1681
Cream-separators.	Armour & Company.	62,304	Apr. 30	127	3636
Cream-separators.	De Laval Separator Company.	61,289	Mar. 12	127	843
Cream-separators.	Albaugh Bros. Dover & Co.	63,113	June 4	128	2081
Cream-separators.	Empire Cream Separator Company.	65,044	Sept. 3	130	295
Cream. Shaving.	F. Haby.	63,272	June 11	128	2524
Cream. Toilet.	P. L. Cusachs, Limited.	63,984	July 16	129	1263
Cream. Toilet.	G. M. Emery.	64,631	Aug. 13	129	2854
Cream. Toilet.	Ogden and Shimer.	66,522	Dec. 10	131	1681
Cream. Toilet.	Bruno H. Goll Chemical Works.	66,838	Dec. 31	131	2412
Cream. Witch-hazel.	E. E. Hess.	65,961	Nov. 5	131	353
Creams and shampoos. Toilet.	Rimak Chemical Company.	63,448	June 18	128	2832
Creams or lotions. Toilet.	H. C. Karpenstein.	59,983	Jan. 22	126	1351
Credit ratings. Periodical statements of.	B. P. Grunauer.	66,045	Nov. 5	131	355
Crème de menthe.	Amsterdamsche Likeurstokerij "T Lootse" der Erven Lucas Bols.	60,245	Jan. 29	126	1772
Culinary and cooking utensils.	Trout Hardware Company.	62,820	May 28	128	1682
Culinary utensils. Tin.	Reed Manufacturing Co.	59,954	Jan. 22	126	1350

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Cultivators.....	Princeville Mfg. Co.....	60,043	Jan. 22	126	1353
Curdling agent. Granular.....	Nutrimint Company.....	63,648	July 2	129	474
Currants. Dried.....	Scudders-Gale Grocer Co.....	64,948	Aug. 27	129	3498
Custard-powder.....	Ivimy, Limited.....	61,583	Mar. 26	127	1574
Cutlery.....	Brookes & Crookes.....	63,404	June 18	128	2831
Cutlery.....	Jonas & Colver.....	63,405	June 18	128	2831
Cutlery.....	Joseph Allen & Sons.....	63,406	June 18	128	2831
Cutlery.....	Joseph Allen & Sons.....	63,407	June 18	128	2831
Cutlery.....	Joseph Allen & Sons.....	63,408	June 18	128	2831
Cutlery.....	Joseph Rodgers & Sons.....	63,409	June 18	128	2831
Cutlery.....	Wilkinson Sword Company.....	63,411	June 18	128	2831
Cutlery, &c.....	Edgar Allen & Co.....	63,521	June 25	128	3282
Cutlery.....	Marsh Brothers Co.....	63,610	July 2	129	473
Cutlery.....	Joseph Rodgers & Sons.....	64,169	July 30	129	2067
Cutlery, &c.....	Jonas & Colver.....	64,244	July 30	129	2069
Cutlery and edge-tools. Certain.....	Gray & Dudley Hardware Co.....	59,993	Jan. 22	126	1351
Cutlery and edge-tools. Certain.....	Dunham, Carrigan & Hayden Company.....	61,439	Mar. 19	127	1250
Cutlery and edge-tools. Certain.....	Dunham, Carrigan & Hayden Company.....	61,440	Mar. 19	127	1250
Cutlery and edge-tools. Certain.....	Dunham, Carrigan & Hayden Company.....	61,441	Mar. 19	127	1250
Cutlery and edge-tools. Certain.....	Dunham, Carrigan & Hayden Company.....	61,442	Mar. 19	127	1250
Cutlery and edge-tools. Certain.....	Radigan, Rich & Co.....	62,583	May 14	128	881
Cutlery and edge-tools. Certain.....	Collins Company.....	62,633	May 21	128	1285
Cutlery and edge-tools. Certain.....	Fayette R. Plumb, Incorporated.....	63,392	June 18	128	2830
Cutlery and edge-tools. Certain.....	Kelley-How-Thomson Co.....	63,395	June 18	128	2831
Cutlery and edge-tools. Certain.....	Seeborn & Dieckstahl.....	63,618	July 2	129	473
Cutlery and edge-tools. Certain.....	Trout Hardware Company.....	63,621	July 2	129	473
Cutlery and edge-tools. Certain.....	Simmons Hardware Company.....	63,842	July 9	129	865
Cutlery and edge-tools. Certain.....	Hale Brothers.....	63,876	July 9	129	866
Cutlery and edge-tools. Certain.....	Needham Veall & Tyzaek.....	63,880	July 9	129	866
Cutlery and edge-tools. Certain.....	McIntosh Hardware Corporation.....	64,017	July 16	129	1264
Cutlery and edge-tools. Certain.....	W. Pape.....	64,618	Aug. 13	129	2854
Cutlery and edge-tools. Certain.....	George Worthington Company.....	65,723	Oct. 22	130	2365
Cutlery. Certain.....	Gray & Dudley Hardware Co.....	59,743	Jan. 15	126	1059
Cutlery. Certain.....	Paxton & Gallagher Co.....	62,010	Apr. 16	127	2810
Cutlery. Certain.....	Radigan, Rich & Co.....	62,866	May 28	128	1683
Cutlery. Certain.....	Cattaraugus Cutlery Company.....	63,389	June 18	128	2830
Cutlery. Certain.....	Case Brothers Cutlery Co.....	64,130	July 23	129	1606
Cutlery. Certain.....	Farwell, Ozmun, Kirk & Co.....	65,210	Sept. 10	130	652
Cutlery. Certain.....	Wyeth Hardware & Manufacturing Co.....	66,349	Nov. 19	131	938
Cutlery. Certain.....	A. R. Justice Company.....	66,697	Dec. 24	131	2139
Cutlery. Certain.....	Wester Bros.....	66,854	Dec. 31	131	2413
Cutlery. Certain named.....	Joseph Allen & Sons.....	59,672	Jan. 15	126	1057
Cutlery. Certain named.....	Butler Brothers.....	60,341	Feb. 5	126	2183
Cutting and edge tools. Certain.....	Simmons Hardware Co.....	60,570	Feb. 12	126	2584
Cutting-tools. Certain.....	Wiebusch & Hilger.....	61,967	Apr. 9	127	2391
Cycles. Motor.....	W. F. Remppis.....	63,401	June 18	128	2831
Damask table-cloths, napkins, and towels.....	Neuss, Hesslein & Co.....	61,757	Apr. 2	127	1988
Dash-pot plungers, bearings, and pistons.....	Morgan Crucible Company.....	64,040	July 23	129	1603
Decalcomanias and transfer-pictures.....	R. Dührssen.....	61,092	Mar. 5	127	386
Decoys.....	H. W. Mason.....	60,310	Feb. 5	126	2182
Decoys.....	H. W. Mason.....	60,311	Feb. 5	126	2182
Delftware.....	Naamlouze Vennootschap Plaatbakkerij "Delft".....	62,759	May 21	128	1288
Dental alloy.....	Louisville Dental Laboratory & Mfg. Co.....	61,392	Mar. 19	127	1248
Dental alloys.....	S. S. White Dental Mfg. Co.....	61,821	Apr. 9	127	2387
Dental alloys and instruments made therefrom.....	C. A. Fones.....	61,647	Apr. 2	127	1985
Dental cement.....	O. M. Springer.....	66,399	Nov. 26	131	1156
Dental cements.....	E. W. Dodez.....	65,753	Oct. 22	130	2366
Dental cements and alloys.....	Dayton Dental Supply Co.....	59,434	Jan. 8	126	750
Dental chairs.....	Dayton Dental Supply Co.....	59,435	Jan. 8	126	750
Dental dam.....	Ritter Dental Mfg. Co.....	59,844	Jan. 22	126	1347
Dental enamel. Artificial.....	B. F. Goodrich Company.....	65,619	Oct. 15	130	2061
Dental engines and lathes and brackets therefor.....	Pinches Dental Manufacturing Co.....	59,793	Jan. 15	126	1060
Dental plaster.....	Ritter Dental Mfg. Co.....	59,087	Jan. 1	126	379
Dental rubber.....	S. H. French & Co.....	59,971	Jan. 22	126	1315
Dental supplies. Certain.....	B. F. Goodrich Company.....	65,618	Oct. 15	130	2061
Dental tooth-paste.....	J. T. Nolde.....	62,957	June 4	128	2077
Dental use. Antiseptic and germicide preparation for.....	Goodrich & Sigveland.....	65,553	Oct. 8	130	1683
Dental wax.....	S. C. Graft.....	66,717	Dec. 24	131	2140
Dentifrice.....	S. S. White Dental Mfg. Co.....	61,820	Apr. 9	127	2387
Dentifrice.....	F. F. Ingram.....	60,851	Feb. 19	126	3038
Dentifrice.....	Meade & Baker Carbolic Mouth Wash Co.....	61,171	Mar. 5	127	388
Dentifrice.....	L. G. Olmsted.....	63,239	June 11	128	2523
Dentifrice.....	A. Westlake.....	64,326	July 30	129	2071
Dentifrices.....	Hall & Ruckel.....	61,008	Feb. 26	126	3419
Dentifrices.....	W. H. Hall.....	65,631	Oct. 15	130	2061
Dentures to hold fast to the mouth. Powder which causes artificial.....	R. M. Frather.....	60,112	Jan. 29	126	1768
Deodorants.....	J. M. Schutz.....	59,564	Jan. 8	126	754
Deodorizing purposes. Toilet lotion for.....	F. H. Leonhardt.....	59,541	Jan. 8	126	753
Depilatories.....	Shaving Powder Company.....	59,708	Jan. 15	126	1059
Depilatory.....	On-Riah Co.....	64,263	July 30	129	2070
Detergent. Fluid.....	Zozone Manufacturing Company.....	65,580	Oct. 8	130	1684
Detergents. Certain.....	Porcela Company.....	62,097	Apr. 16	127	2812
Dictionaries.....	G. & C. Merriam Co.....	59,130	Jan. 1	126	380
Dictionaries.....	G. & C. Merriam Co.....	59,189	Jan. 1	126	381
Dictionaries.....	G. & C. Merriam Co.....	59,193	Jan. 1	126	382
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Dictionaries and reference-manual.....	G. & C. Merriam Co.....	59,188	Jan. 1	126	381
Dictionaries and reference-manuals.....	G. & C. Merriam Co.....	59,190	Jan. 1	126	381
Dictionaries and reference-manuals.....	G. & C. Merriam Co.....	59,191	Jan. 1	126	381
Dictionaries and reference-manuals.....	G. & C. Merriam Co.....	59,192	Jan. 1	126	382
Dies and die-stocks.....	Hart Manufacturing Company.....	59,636	Jan. 15	126	1056
Digestive compound. Liquid.....	J. T. Milliken.....	60,167	Jan. 29	126	1770
Digestive ferments.....	Frederick Stearns & Co.....	60,799	Feb. 19	126	3037
Digestive preparation of the gastric juice.....	Fairchild Bros. & Foster.....	65,397	Sept. 24	130	1304
Dip for live stock.....	Prescott Chemical Co.....	60,774	Feb. 19	126	3036
Directory and list of attorneys. Bankers'.....	Rand, McNally & Company.....	62,803	May 28	128	1681
Directory and list of attorneys. Bankers'.....	Rand, McNally & Company.....	62,931	May 28	128	1685
Dishes. Butter.....	Lay and Balcom Manufacturing Co.....	62,944	May 28	128	1685
Disinfectant and antiseptic preparation.....	J. Blan.....	66,782	Dec. 31	131	2411
Disinfectant, antiseptic, and deodorizing powder.....	F. W. Heck.....	64,853	Aug. 27	129	3496
Disinfectant for destroying roaches, bugs, insects, rats, and mice.....	J. Muench.....	60,040	Jan. 22	126	1353
Disinfectant, insecticide, animal-dip, &c.....	Zenner Disinfectant Company.....	63,949	July 16	129	1262
Disinfectant materials.....	J. A. Sander.....	66,564	Dec. 10	131	1683
Disinfectants.....	Johnson & Johnson.....	61,777	Apr. 2	127	1989
Disinfectants.....	R. W. Browne.....	65,472	Oct. 8	130	1681
Disinfectants, air-purifiers, and deodorizers.....	W. and F. Walker Limited.....	61,676	Apr. 2	127	1986
Disinfectants and antiseptics.....	Ferromannin Chemical Co.....	59,558	Jan. 8	126	753
Disinfectants and deodorizers.....	Sanitation & Supply Co.....	62,625	May 14	128	882
Disinfectants and deodorizers.....	Sanitation & Supply Co.....	63,759	July 9	129	863
Disinfectants, deodorants, germ-destroyers, and sheep-dip.....	W. Pearson.....	59,517	Jan. 8	126	752
Disinfectants, deodorizers, and germicides.....	A. Castaing.....	61,922	Apr. 9	127	2390
Disinfectants, deodorizers, and germicides.....	Kiloda Chemical Co.....	60,340	Feb. 19	126	3038
Disinfecting and deodorizing apparatus.....	Chemische Fabrik auf Actien (vorm. E. Schering).....	66,068	Nov. 5	131	356
Diuretic.....	F. Hoffmann-La Roche & Co.....	59,581	Jan. 8	126	754
Diuretic.....	E. Bischoff.....	64,272	July 30	129	2070
Dolls.....	Geo. Borgfeldt & Co.....	62,151	Apr. 23	127	3209
Dolls.....	Geo. Borgfeldt & Co.....	65,119	Sept. 10	130	649
Dolls and toy animals.....	Rouech-Bowden Company.....	61,490	Mar. 26	127	1571
Doors and flooring. Wooden.....	Nightingale Company.....	63,837	July 9	129	865
Dough-mixing machines.....	Joseph Baker & Sons American Oven Company.....	60,329	Feb. 5	126	2183
Draft-regulators.....	S. P. Smith.....	64,230	July 30	129	2069
Draperies. Textile.....	Eddystone Manufacturing Company.....	61,361	Mar. 19	127	1247
Drawers. Ladies'.....	H. P. Wheeler.....	66,888	Dec. 31	131	2414
Drawing instruments, compasses, T-squares, &c. Metallic.....	E. G. Soltmann.....	59,042	Jan. 1	126	377
Drawing-tables and filing-cases.....	R. G. Manning.....	59,036	Jan. 1	126	377
Dress goods. Certain.....	E. Ripley & Son.....	64,848	Aug. 27	129	3496
Dress-pads, &c.....	Mile. Wolfe Co.....	64,390	Aug. 6	129	2494
Dress-shields.....	Jordan Marsh Company.....	60,364	Feb. 5	126	2184
Dress-shields.....	Austin-Walker M'fg. Co.....	60,952	Feb. 26	126	3417
Dress-shields.....	Omo Manufacturing Company.....	61,486	Mar. 26	127	1571
Dress-shields.....	Omo Manufacturing Company.....	62,297	Apr. 30	127	3636
Dress-shields.....	C. E. Conover Co.....	66,164	Nov. 12	131	687
Dress-shields.....	Mona Manufacturing Company.....	66,669	Dec. 17	131	1937
Dresses. Women's and children's.....	H. Levey.....	59,332	Jan. 8	126	747
Dried fruits, olives, canned fruits and vegetables.....	C. S. Morey Mercantile Company.....	66,038	Nov. 5	131	355
Drills and drill-bits. Hand.....	North Bro's M'fg Co.....	63,008	June 4	128	2078
Drills. Pivot.....	Hammel, Riglander & Co.....	60,026	Jan. 22	126	1352
Drilling-machines.....	Cyclone Drilling Machine Company.....	62,429	May 7	128	450
Drilling-machines and boring apparatus and parts thereof.....	Buda Foundry & Manufacturing Company.....	62,144	Apr. 23	127	3209
Drilling, punching, and shearing machines. Certain.....	Buffalo Forge Company.....	62,828	May 28	128	1682
Drinks. Fruit-flavored non-alcoholic.....	W. C. Dobbs.....	64,589	Aug. 13	129	2853
Drinks. Mixed.....	Wm. B. Riker & Son Co.....	64,207	July 30	129	2068
Duck-pins.....	J. Dittmar & Sons.....	62,265	Apr. 30	127	3635
Dust-preventive.....	S. J. Lamson, Jr.....	55,637	Oct. 15	130	2061
Dust when sweeping. Preparation to absorb.....	St. Louis Dust Settling Co.....	61,656	Apr. 2	127	1985
Dyeing. Color-setting compound used in.....	A. Elhardt Söhne.....	64,669	Aug. 20	129	3153
Dyes.....	William Edge & Sons.....	61,691	Apr. 2	127	1986
Dyes.....	Farbwerke vorm. Meister Lucius & Brüning.....	62,108	Apr. 16	127	2812
Dyes.....	Rainbow Dye Company.....	64,116	July 23	129	1695
Dyes.....	Wells & Richardson Company.....	65,038	Sept. 3	130	295
Dyes and chemical preparations for dyeing purposes.....	Actien-Gesellschaft für Anilin-Fabrikation.....	60,587	Feb. 12	126	2584
Dyes and vegetable dye extracts. Coal-tar.....	H. Kohnstamm & Co.....	59,561	Jan. 8	126	754
Dyes. Wool.....	Actien-Gesellschaft für Anilin-Fabrikation.....	60,585	Feb. 12	126	2584
Dyestuff.....	Badische Anilin- & Soda-Fabrik.....	60,763	Feb. 19	126	3036
Dyestuff.....	Badische Anilin & Soda Fabrik.....	63,161	June 11	128	2521
Dyestuff.....	Badische Anilin & Soda Fabrik.....	63,162	June 11	128	2521
Dyestuff.....	Badische Anilin & Soda Fabrik.....	63,257	June 11	128	2524
Dyestuff and chemicals used in reducing, discharging, and bleaching.....	Badische Anilin & Soda Fabrik.....	63,258	June 11	128	2524
Dyestuff. Black.....	Cassella Color Company.....	62,718	May 21	128	1287
Dyestuffs.....	American Dyewood Company.....	61,191	Mar. 5	127	389
Dyestuffs. Coal-tar.....	Actien-Gesellschaft für Anilin-Fabrikation.....	60,586	Feb. 12	126	2584
Dyestuffs. Coal-tar.....	Actien-Gesellschaft für Anilin-Fabrikation.....	62,086	Apr. 16	127	2812
Dyestuffs. Coal-tar.....	Actien-Gesellschaft für Anilin-Fabrikation.....	62,707	May 21	128	1287
Dyestuffs. Coal-tar.....	Actien-Gesellschaft für Anilin-Fabrikation.....	62,708	May 21	128	1287
Dyestuffs for coloring and printing.....	Farbwerke vorm. Meister Lucius & Brüning.....	62,109	Apr. 16	127	2812
Dyspepsia cure.....	Pittman Medicine Co.....	62,912	May 28	128	1684

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Earthenware and porcelain	Josiah Wedgwood & Sons	62,522	May 14	128	879
Earthenware closet-bowls	American Sanitary Works	66,544	Dec. 10	131	1682
Earthenware closet-bowls, urinals, basins, and sinks	Camden Pottery Company	60,187	Jan. 29	126	1770
Earthenware lavatories, bath-tubs, &c	Crane & Backus	64,776	Aug. 20	129	3156
Eaves-trough hangers	J. R. Baker & Sons Co.	61,639	Apr. 2	127	1985
Edge-tools. Certain	James Swan Company	60,102	Jan. 29	126	1768
Edge-tools. Certain	Collins Company	60,424	Feb. 5	126	2185
Edge-tools. Certain	Dunham, Carrigan & Hayden Co.	60,972	Feb. 26	126	3418
Edge-tools. Certain	Smith Bros. Hardware Co.	61,000	Feb. 26	126	3419
Edge-tools. Certain	A. Baldwin & Co.	61,155	Mar. 5	127	388
Edge-tools. Certain	Ohio Tool Company	61,951	Apr. 9	127	2391
Edge-tools. Certain	S. C. Morrill	63,023	June 4	128	2079
Edge-tools. Certain	W. K. & C. Peace	63,410	June 18	128	2831
Edge-tools. Certain	S. A. Bigelow, trustee	63,889	July 9	129	867
Edge-tools. Certain	George Worthington Company	64,607	Aug. 13	129	2854
Edge-tools. Certain	G. W. Bradley's Sons	66,584	Dec. 17	131	1935
Effervescent headache-salt	C. A. Finley & Co.	64,139	July 23	129	1606
Effervescent salts	J. A. Smith	59,205	Jan. 1	126	382
Effervescing headache-salts. Granular	Norwich Pharmacal Company	64,664	Aug. 20	129	3153
Eggs	John Wyeth and Brother	59,751	Jan. 15	126	1059
Eggs	C. C. Martin	59,919	Jan. 22	126	1349
Eggs	T. L. Brundage Company	60,118	Jan. 29	126	1768
Eggs	C. A. English	62,573	May 14	128	881
Eggs	A. L. Jaenicke	65,375	Sept. 24	130	1303
Ejectors and injectors	United Injector Co.	59,976	Jan. 22	126	1351
Ejectors, inspirators, and tank-wells	United Injector Co.	60,399	Feb. 5	126	2185
Elastic webbing	Narrow Fabric Corporation	60,434	Feb. 5	126	2186
Elastic webbing	Narrow Fabric Corporation	60,978	Feb. 26	126	3418
Elastic webbing	Narrow Fabric Corporation	60,979	Feb. 26	126	3418
Elastic webbing	G. S. Colton	61,940	Apr. 9	127	2390
Elastic webbing	Narrow Fabric Corporation	63,037	June 4	128	2079
Elastic webbing	De Graff & Palmer	63,775	July 9	129	864
Electric apparatus and supplies. Certain	Arknott Co.	59,807	Jan. 15	126	1060
Electric conduits	American Circular Loom Company	65,955	Oct. 29	130	2715
Electric fuses	Electric Device Company	60,544	Feb. 12	126	2583
Electric-lighting outfits. Decorative	Sterling Electrical Manufacturing Company	61,515	Mar. 26	127	1572
Electric-lighting outfits. Decorative	Sterling Electrical Manufacturing Company	61,548	Mar. 26	127	1575
Electric-lighting outfits. Decorative	Jaeger Miniature Lamp Manufacturing Company	61,649	Apr. 2	127	1985
Electric motors	Maschinenfabrik Rockstroh & Schneider Nachf., A. G., Dresden-Heidenau	64,646	Aug. 13	129	2855
Electric sparking and igniting apparatus	Société Générale des Huiles et Fournitures Industrielles l'Oléo.	60,336	Feb. 5	126	2183
Electric sparking and igniting apparatus	Société Générale des Huiles et Fournitures Industrielles l'Oléo.	60,571	Feb. 12	126	2584
Electric testing apparatus	Evershed & Vignoles	64,980	Sept. 3	130	293
Electrical apparatus and devices. Certain	F. Raymond	60,083	Jan. 29	126	1767
Electrical apparatus and supplies. Certain named	P. M. Fletcher Company	60,998	Feb. 26	126	3418
Electrical apparatus. Certain	Chloride of Silver Dry Cell Battery Company	60,128	Jan. 29	126	1769
Electrical apparatus. Certain	North Electric Company	61,884	Apr. 9	127	2389
Electrical apparatus. Parts of	Morgan Crucible Company	63,834	July 9	129	865
Electrical appliances. Certain	Trumbull Electric Manufacturing Company	60,741	Feb. 19	126	3036
Electrical conductors. Certain	Electric Railway Improvement Co.	66,420	Nov. 26	131	1157
Electrical ignition devices and spark-plugs	G. J. Schultz Company	63,607	July 2	129	473
Electrical instruments. Certain	Stromberg-Carlson Telephone Mfg. Company	66,210	Nov. 12	131	688
Electrical machinery. Cleaning and polishing compound for	M. Du Perow	61,729	Apr. 2	127	1987
Electrical machines and apparatus. Certain	Société Anonyme Des Anciens Etablissements Panhard & Levasseur	61,502	Mar. 26	127	1572
Electrical supplies	Bryant Electric Company	59,316	Jan. 8	126	747
Electrical supplies	Bryant Electric Company	59,317	Jan. 8	126	747
Electrical supplies. Certain	Sprague Electric Company	63,248	June 11	128	2524
Electrical supplies. Certain	Morgan Crucible Company	65,726	Oct. 22	130	2365
Electrical supplies. Certain named	Magnet Wire Co.	59,487	Jan. 8	126	752
Electrical switches	Perkins Electric Switch Mfg. Co.	64,619	Aug. 13	129	2854
Elixir of the digestive ferments	John Wyeth and Brother	60,630	Feb. 12	126	2586
Embalming fluids and disinfectants	Egyptian Chemical Company	62,305	Apr. 30	127	3636
Embroideries	T. D. Eisner & Son	64,849	Aug. 27	129	3496
Embroideries, embroidery-patterns, &c	L. E. Goetz & Company	61,126	Mar. 5	127	387
Embroidery-cotton	Carson Pirie Scott & Co.	66,603	Dec. 17	131	1935
Embroidery-hoops	Gibbs Manufacturing Co.	60,549	Feb. 12	126	2583
Embroidery-hoops	Gibbs Manufacturing Co.	60,550	Feb. 12	126	2583
Embroidery-hoops	Gibbs Manufacturing Co.	60,551	Feb. 12	126	2583
Embroidery-hoops	Gibbs Manufacturing Co.	60,552	Feb. 12	126	2583
Embroidery-patterns and stamped fabrics	W. N. Hartshorn	64,444	Aug. 6	129	2496
Emery-cloth and sandpaper	American Glue Company	62,260	Apr. 30	127	3635
Emery-wheels	Safety Emery Wheel Company	66,184	Nov. 12	131	687
Emollient	W. Casler	64,469	Aug. 6	129	2496
Emulsion of mixed fats	John Wyeth and Brother	60,629	Feb. 12	126	2586
Emulsions of cod-liver oil	Cloftin Chemical Company	62,720	May 21	128	1287
Emulsions of cod-liver oil	Cloftin Chemical Company	62,898	May 28	128	1684
Emulsions of cod-liver oil	Ozomulsion Co.	63,581	June 25	128	3284
Fnameled-metal household utensils	H. M. Schnarr	62,287	Apr. 30	127	3636
Enamels	Keystone Varnish Company	63,625	July 2	129	473
Engine and dynamo-electric machine. Combined steam-	A. L. Ide & Sons	62,321	Apr. 30	127	3637

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Engine spark-plug. Gasolene.....	Grant Manufacturing and Machine Company.....	59,403	Jan. 8	126	749
Engines and horse-powers. Traction.....	Advance Thresher Co.....	65,349	Sept. 24	130	1303
Engines and horse-powers. Traction.....	Advance Thresher Co.....	65,350	Sept. 24	130	1305
Engines and motors. Explosive.....	Detroit Gas Engine and Machinery Co.....	63,606	July 2	129	473
Engines and parts thereof. Internal-combustion.....	Ferro Machine and Foundry Co.....	62,901	May 28	128	1684
Engines. Explosive.....	Robertson Manufacturing Company.....	60,335	Feb. 5	126	2183
Engines. Gas, air, and oil.....	International Patent Corporation.....	64,033	July 23	129	1603
Engines. Gas and gasolene.....	O. Smith.....	62,847	May 23	128	1683
Engines. Gas and gasolene.....	Page Engineering Company of Baltimore City.....	63,612	July 2	129	473
Engines. Hoisting.....	Lidgerwood Mfg. Co.....	65,361	Sept. 24	130	1203
Engines. Internal-combustion.....	International Power Company.....	62,639	May 21	128	1285
Engines. Logging and hoisting.....	Washington Iron Works Co.....	63,510	June 25	128	3282
Engines. Marine gasolene.....	Kumberger & Vreeland.....	66,331	Nov. 19	131	938
Engines. Portable and traction.....	Avery Manufacturing Company.....	64,009	July 16	129	1264
Engines. Portable and traction.....	Avery Manufacturing Company.....	64,160	July 30	129	2067
Engines. Spark-plugs for explosive.....	K. W. Ignition Company.....	63,279	June 11	128	2524
Engines. Stationary and marine internal-combustion.....	"New Way" Motor Company.....	62,457	May 7	128	451
Engines. Stationary gas.....	Kumberger & Vreeland.....	65,214	Sept. 10	130	652
Engines. Steam.....	A. L. Ide & Sons.....	62,322	Apr. 30	127	3637
Engines. Steam.....	A. L. Ide & Sons.....	62,323	Apr. 30	127	3637
Engines. Steam and gasolene.....	Atlas Engine Works.....	59,342	Jan. 8	126	748
Erasers. Certain pencil.....	B. F. Goodrich Company.....	65,423	Sept. 24	130	1303
Erasers. Certain pencil.....	B. F. Goodrich Company.....	65,424	Sept. 24	130	1305
Erasers. India-rubber pencil.....	L. & C. Hardtmuth.....	61,599	Mar. 26	127	1574
Erasers or erasing compositions. Certain.....	A. Sommer.....	60,496	Feb. 12	126	2582
Ergot preparation.....	H. S. Wellcome.....	60,447	Feb. 5	126	2186
Ethyl. Chlorid of.....	H. H. Fries.....	63,705	July 2	129	475
Exercising apparatus. Certain.....	J. E. Garratt.....	66,875	Dec. 31	131	2413
Exercising devices. Elastic-cord.....	Whitely Exerciser Company.....	60,582	Feb. 12	126	2584
Exercising-machines, dumb-bells, and hand-grips.....	J. E. Thompson.....	62,499	May 7	128	452
Expectorant.....	E. A. Slocum Co.....	62,892	May 28	128	1684
Explosives and certain blasting supplies. High.....	Eastern Dynamite Company.....	62,480	May 7	128	451
Explosives and fuses. High.....	Eastern Dynamite Company.....	60,956	Feb. 26	126	3417
Explosives for projectiles and torpedoes.....	Sprengstoff A. G. Carbonit.....	59,680	Jan. 15	126	1057
Explosives for projectiles and torpedoes.....	Sprengstoff A. G. Carbonit.....	65,461	Sept. 24	130	1306
Explosives. High.....	Eastern Dynamite Company.....	59,661	Jan. 15	126	1057
Explosives. High.....	Eastern Dynamite Company.....	60,918	Feb. 26	126	3416
Explosives. High.....	Eastern Dynamite Company.....	60,953	Feb. 26	126	3417
Explosives. High.....	Eastern Dynamite Company.....	60,955	Feb. 26	126	3417
Explosives. High.....	F. N. Briggs.....	61,853	Apr. 9	127	2388
Explosives. High.....	Eastern Dynamite Company.....	61,978	Apr. 16	127	2809
Explosives. High.....	Judson Dynamite & Powder Company.....	61,979	Apr. 16	127	2809
Explosives. High.....	Eastern Dynamite Company.....	64,515	Aug. 13	129	2851
Explosives. High.....	Eastern Dynamite Company.....	64,516	Aug. 13	129	2851
Explosives. High.....	Eastern Dynamite Company.....	65,647	Oct. 15	130	2061
Explosives. High.....	Eastern Dynamite Company.....	65,648	Oct. 15	130	2061
Explosives. High.....	Eastern Dynamite Company.....	65,649	Oct. 15	130	2062
Extract of the needles of coniferous trees.....	A. Schmidt.....	64,153	July 23	129	1606
Extract of the pancreas gland.....	Fairchild Bros. & Foster.....	60,625	Feb. 12	126	2585
Extracts. Certain.....	Marden, Orth & Hastings.....	61,710	Apr. 2	127	1987
Eye wash or tonic.....	Eye Rex Co.....	60,162	Jan. 29	126	1770
Eye-water.....	Haislip & Haislip.....	60,388	Feb. 5	126	2184
Eye-water.....	J. Wiley.....	63,989	July 16	129	1263
Eyeglass and spectacle lenses.....	F. A. Hardy & Co.....	59,128	Jan. 1	126	330
Eyeglass and spectacle lenses.....	A. Martin Inc.....	60,968	Feb. 26	126	3418
Eyeglass-guards.....	F. A. Hardy & Company.....	64,220	July 30	129	2068
Eyeglasses.....	M. Woolf.....	64,908	Aug. 27	129	3497
Eyellet setting or removing press or machine.....	E. L. Sibley.....	62,490	May 7	128	451
Eyeteles.....	E. L. Sibley.....	63,841	July 9	129	865
Fabric for protection against insects. Open-mesh.....	I. E. Palmer.....	60,136	Jan. 29	126	1769
Fabrics. Bleached and unbleached textile.....	E. J. Fraser-Campbell.....	60,021	Jan. 22	126	1352
Fabrics. Bleached and unbleached textile.....	E. J. Fraser-Campbell.....	60,022	Jan. 22	126	1352
Fabrics. Bleached and unbleached textile.....	E. J. Fraser-Campbell.....	60,023	Jan. 22	126	1352
Fabrics. Bleached, unbleached, dyed, and printed textile.....	A. G. Hyde & Sons.....	64,233	July 30	129	2069
Fabrics. Bleached, unbleached, dyed, and printed textile.....	A. G. Hyde & Sons.....	64,234	July 30	129	2069
Fabrics. Certain named textile.....	Henry E. Frankenberg Company.....	59,995	Jan. 22	126	1351
Fabrics. Certain named textile.....	Henry E. Frankenberg Company.....	59,996	Jan. 22	126	1351
Fabrics. Certain named textile.....	Henry E. Frankenberg Company.....	59,997	Jan. 22	126	1351
Fabrics. Certain named textile.....	Henry E. Frankenberg Company.....	59,998	Jan. 22	126	1352
Fabrics. Certain textile.....	A. G. Hyde & Sons.....	59,112	Jan. 1	126	379
Fabrics. Certain textile.....	A. G. Hyde & Sons.....	59,113	Jan. 1	126	379
Fabrics. Certain textile.....	A. G. Hyde & Sons.....	59,114	Jan. 1	126	379
Fabrics. Certain textile.....	China & Japan Trading Company.....	62,528	May 14	128	879
Fabrics. Certain textile.....	China & Japan Trading Company.....	62,529	May 14	128	879
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.....	63,268	June 11	128	2524
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.....	63,671	July 2	129	475
Fabrics. Printed and dyed textile.....	Eddystone Manufacturing Company.....	63,672	July 2	129	475
Fabrics. Textile.....	A. G. Hyde & Sons.....	64,183	July 30	129	2067
Fabrics. Textile.....	A. G. Hyde & Sons.....	64,208	July 30	129	2068
Fabrics. Textile.....	A. G. Hyde & Sons.....	66,543	Dec. 10	131	1682
Face-enamel. Liquid.....	R. E. Martin.....	62,315	Apr. 30	127	3637
Fancy goods, furnishings, and notions. Certain.....	Meyer, Martin & Co.....	60,135	Jan. 29	126	1769
Fancy goods, furnishings, and notions. Certain.....	Henry E. Frankenberg Company.....	65,297	Sept. 17	130	972
Fancy goods, furnishings, and notions. Certain.....	Henry E. Frankenberg Company.....	65,298	Sept. 17	130	972
Fancy goods, furnishings, and notions. Certain.....	Geo. Borgfeldt & Co.....	65,440	Sept. 24	130	1305
Farm and garden hand-tools.....	American Fork & Hoe Co.....	62,551	May 14	128	880
Fastening devices. Certain.....	Penn Hardware Co.....	60,610	Feb. 12	126	2585

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Fastening devices Certain.....	Reading Hardware Co.....	60,668	Feb. 19	126	3034
Fats for baking and cooking.....	Braun & Fitts.....	61,663	Apr. 2	127	1986
Faucets and pumps. Measuring.....	Enterprise Manufacturing Co. of Pennsylvania.	59,604	Jan. 15	126	1055
Feathers. Ostrich.....	L. W. Marks.....	64,943	Aug. 27	129	3498
Feed composed of crushed grain.....	H. E. Schrader.....	66,029	Nov. 5	131	355
Feed-grinders.....	L. B. McCargar.....	60,366	Feb. 5	126	2188
Feed-grinders.....	Spartan Manufacturing Co.....	60,987	Feb. 26	126	3418
Feed-meal. Cotton-seed.....	Tennessee Fibre Company.....	62,563	May 14	128	880
Feed. Mixed.....	Lawrence & Hamilton.....	64,311	July 30	129	2071
Feed. Poultry.....	Albert Dickinson Company.....	60,249	Feb. 5	126	2181
Felt and paper. Certain.....	J. A. & W. Bird & Co.....	64,349	Aug. 6	129	2493
Felt and paper for roofing, &c.....	J. A. & W. Bird & Co.....	62,505	May 14	128	879
Felt for use in buildings.....	Barrett Manufacturing Company.....	62,504	May 14	128	879
Felt. Roofing.....	S. Cabot.....	59,083	Jan. 1	126	379
Felt roofing.....	Collins Hardware Company.....	62,148	Apr. 23	127	3209
Felt roofing.....	Union Paper & Twine Company.....	62,666	May 21	128	1286
Felt roofing.....	Warren Chemical & Manufacturing Company.....	64,871	Aug. 27	129	3496
Felt roofing.....	Warren-Ehret Company.....	65,778	Oct. 22	130	2366
Felt. Roofing and sheathing.....	Barrett Manufacturing Company.....	61,627	Apr. 2	127	1985
Felt roofing. Ready-prepared.....	Roofbests Manufacturing Co.....	62,159	Apr. 23	127	3210
Felts for structural work. Waterproofing.....	Hydrex Felt & Engineering Co.....	59,382	Jan. 8	126	749
Felts in the piece.....	C. W. House & Sons.....	66,664	Dec. 17	131	1937
Fence. Wire.....	Keystone Fence Company.....	62,025	Apr. 16	127	2810
Fence. Wire.....	Advance Fence Co.....	62,192	Apr. 23	127	3210
Fence. Wire.....	Interlocking Fence Company.....	62,312	Apr. 30	127	3637
Fence. Wire.....	Keystone Fence Company.....	62,313	Apr. 30	127	3637
Fence. Wire.....	Farmers' Fence Co.....	65,474	Oct. 8	130	1681
Fertilizer.....	Sanders Fertilizer Company.....	59,585	Jan. 8	126	754
Fertilizers.....	Navassa Guano Company of Wilmington.	59,386	Jan. 8	126	749
Fertilizers.....	Scott Fertilizer Co. of Cecil County.	59,676	Jan. 15	126	1057
Fertilizers.....	Coweta Fertilizer Company.....	59,722	Jan. 15	126	1058
Fertilizers.....	Coweta Fertilizer Company.....	59,723	Jan. 15	126	1058
Fertilizers.....	Virginia-Carolina Chemical Company.	59,731	Jan. 15	126	1058
Fertilizers.....	Ashepoo Fertilizer Company.....	59,956	Jan. 22	126	1350
Fertilizers.....	Scott Fertilizer Co. of Cecil County.	60,495	Feb. 12	126	2582
Fertilizers.....	American Fertilizing Company.....	60,636	Feb. 19	126	3033
Fertilizers.....	Virginia-Carolina Chemical Company.	60,670	Feb. 19	126	3034
Fertilizers.....	New Orleans Acid and Fertilizer Company.	60,904	Feb. 26	126	3416
Fertilizers.....	New Orleans Acid and Fertilizer Company.	60,905	Feb. 26	126	3416
Fertilizers.....	New Orleans Acid and Fertilizer Company.	60,906	Feb. 26	126	3416
Fertilizers.....	Virginia-Carolina Chemical Company.	61,103	Mar. 5	127	386
Fertilizers.....	Virginia-Carolina Chemical Company.	61,104	Mar. 5	127	386
Fertilizers.....	Virginia-Carolina Chemical Company.	61,105	Mar. 5	127	387
Fertilizers.....	Home Fertilizer & Chemical Company of Baltimore City.	61,114	Mar. 5	127	387
Fertilizers.....	Virginia-Carolina Chemical Co....	61,141	Mar. 5	127	388
Fertilizers.....	Virginia-Carolina Chemical Company.	61,315	Mar. 12	127	843
Fertilizers.....	Virginia-Carolina Chemical Company.	61,331	Mar. 12	127	844
Fertilizers.....	Virginia-Carolina Chemical Company.	61,343	Mar. 19	127	1247
Fertilizers.....	Ashepoo Fertilizer Company.....	61,504	Mar. 26	127	1572
Fertilizers.....	Craven Chemical Company.....	61,543	Mar. 26	127	1573
Fertilizers.....	Craven Chemical Company.....	61,544	Mar. 26	127	1573
Fertilizers.....	Virginia-Carolina Chemical Company.	61,549	Mar. 26	127	1573
Fertilizers.....	Craven Chemical Company.....	61,854	Apr. 9	127	2388
Fertilizers.....	Germofert Manufacturing Company.	62,482	May 7	128	451
Fertilizers.....	Canton Fertilizer and Chemical Company.	62,506	May 14	128	879
Fertilizers.....	Virginia-Carolina Chemical Company.	62,667	May 21	128	1286
Fertilizers.....	Virginia-Carolina Chemical Company.	62,874	May 28	128	1683
Fertilizers.....	Virginia-Carolina Chemical Company.	63,087	June 4	128	2080
Fertilizers.....	Virginia-Carolina Chemical Company.	63,088	June 4	128	2080
Fertilizers.....	New Orleans Acid and Fertilizer Company.	64,428	Aug. 6	129	2495
Fertilizers.....	F. W. Tunnell & Co.....	64,509	Aug. 13	129	2851
Fertilizers.....	Virginia-Carolina Chemical Company.	64,765	Aug. 20	129	3156
Fertilizers.....	Fertilizer Products Company....	64,851	Aug. 27	129	3496
Fertilizers.....	American Fertilizing Company....	65,645	Oct. 15	130	2061
Fertilizers.....	Virginia-Carolina Chemical Company.	65,776	Oct. 22	130	2366
Fertilizers.....	Virginia-Carolina Chemical Company.	65,894	Oct. 29	130	2714
Fertilizers.....	Mountain Copper Company.....	66,273	Nov. 19	131	936
Fertilizers.....	F. W. Tunnell & Co.....	66,601	Dec. 17	131	1935

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Fertilizers.....	Ashepoo Fertilizer Company.....	66,715	Dec. 24	131	2140
Fertilizers and fertilizing materials.....	B. Diaz & Co.....	66,419	Nov. 26	131	1157
Fertilizers for cotton-plants.....	New Orleans Acid and Fertilizer Company.....	59,706	Jan. 15	126	1058
Fertilizers. Phosphatic.....	American Agricultural Chemical Company.....	63,847	July 9	129	865
Fiber and articles made therefrom. Vegetable.....	American Vulcanized Fibre Company.....	59,772	Jan. 15	126	1059
Fibrous materials covered, &c., with a plastic compound.....	Celluloid Company.....	60,449	Feb. 12	126	2581
Figs.....	W. Hills, Jr.....	66,797	Dec. 31	131	2411
Files.....	Butler Brothers.....	60,353	Feb. 5	126	2183
Files and desk-pads. Document.....	Globe-Wernicke Company.....	63,443	June 18	128	2832
Files and rasps.....	Henry Disston & Sons.....	61,490	Mar. 26	127	1572
Files.....	Henry Disston & Sons.....	61,703	Apr. 2	127	1987
Files. Document.....	Globe-Wernicke Company.....	63,197	June 11	128	2522
Files. Document.....	Globe-Wernicke Company.....	63,706	July 2	129	475
Files. Document.....	Globe-Wernicke Company.....	64,493	Aug. 13	129	2851
Files. Letter and document.....	C. H. Besly.....	64,296	July 30	129	2070
Files. Letter and document.....	C. H. Besly.....	64,297	July 30	129	2070
Files. Letter and document.....	C. H. Besly.....	64,298	July 30	129	2070
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Files. Letter and document.....	C. H. Besly.....	64,300	July 30	129	2070
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Files. Letter and document.....	C. H. Besly.....	64,304	July 30	129	2071
Fillers.....	R. F. Johnston Paint Co.....	65,280	Sept. 17	130	972
Fillers and stains. Combination.....	Marietta Faint & Color Co.....	64,898	Aug. 27	129	3497
Films and card-reels.....	American Mutoscope and Biograph Company.....	59,124	Jan. 1	126	380
Films, plates, and photographic papers.....	Actien-Gesellschaft für Anilin-Fabrikation.....	61,677	Apr. 2	127	1986
Films, plates, and photographic papers.....	Actien-Gesellschaft für Anilin-Fabrikation.....	62,741	May 21	128	1288
Filters.....	T. W. Goreau.....	60,959	Feb. 26	126	3417
Finger-cots. Leather.....	P. Toussaint.....	61,269	Mar. 12	127	842
Finger-nail clippers.....	H. C. Cook Company.....	62,067	Apr. 16	127	2811
Finger-nail-polishing preparation.....	André, Schaub & Pioso.....	62,203	Apr. 23	127	3211
Finishing product.....	Keystone Varnish Co.....	62,662	May 21	128	1286
Fire-clay. Certain articles made of.....	Morgan Crucible Company.....	62,800	May 28	128	1681
Fire-engines. Steam.....	American-La France Fire Engine Co.....	63,184	June 11	128	2522
Fire-extinguishers. Chemical.....	J. H. Clay.....	61,023	Feb. 26	126	3419
Fire-extinguishers. Chemical.....	American-La France Fire Engine Co.....	64,695	Aug. 20	129	3154
Fire-extinguishers. Chemical.....	T. F. Handly.....	64,916	Aug. 27	129	3497
Fire-extinguishers, chemical-engines, &c.....	American-La France Fire Engine Co.....	61,494	Mar. 26	127	1571
Fire-extinguishers. Hand.....	Pluvius - Feuerlöscher - Gesellschaft mit beschränkter Haftung.....	63,400	June 18	128	2831
Fire-extinguishers. Hand chemical.....	H. E. Safford.....	66,203	Nov. 12	131	688
Fire-extinguishing compounds.....	Pluvius - Feuerlöscher - Gesellschaft mit beschränkter Haftung.....	61,715	Apr. 2	127	1987
Fire-extinguishing engines or devices. Hand-operated.....	Walter R. Johnston Manuf'g. Co.....	61,332	Mar. 12	127	844
Fire-fighting apparatus and supplies therefor. Certain.....	Rex Fire Extinguisher Co.....	59,974	Jan. 22	126	1351
Fire-hose.....	H. J. M. Howard.....	64,168	July 30	129	2067
Fire-hose.....	H. J. M. Howard.....	64,338	Aug. 6	129	2493
Fire-hose.....	H. J. M. Howard.....	64,386	Aug. 6	129	2494
Fire-standing goods. Certain.....	Morgan Crucible Company.....	62,664	May 21	128	1286
Firearms, equipments, and projectiles. Certain.....	Winchester Repeating Arms Co.....	61,089	Mar. 5	127	386
Fireproofing liquid and starch.....	Chicago Safety Starch Company.....	63,576	June 25	128	3284
Fireworks.....	H. J. Pain.....	61,309	Mar. 12	127	843
Fireworks.....	H. J. Pain.....	66,523	Dec. 10	131	1681
Fireworks.....	H. J. Pain.....	66,524	Dec. 10	131	1681
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Fireworks. Hand stick.....	E. H. Wagner.....	59,149	Jan. 1	126	380
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Fireworks. Hand-stick.....	E. H. Wagner.....	64,869	Aug. 27	129	3496
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Fireworks. Stick.....	E. H. Wagner.....	66,536	Dec. 10	131	1682
Fireworks. Stick.....	E. H. Wagner.....	66,537	Dec. 10	131	1682
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Fish-dressing machines.....	Smith Cannery Machines Co.....	65,366	Sept. 24	130	1303
Fish-hooks.....	W. E. Compton.....	65,988	Nov. 5	131	354
Fish-hooks, rods, reels, and artificial bait.....	Edw. K. Tryon Company.....	61,292	Mar. 12	127	843
Fish-lines.....	Ashaway Line & Twine Mfg. Co.....	59,016	Jan. 1	126	377
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Fish. Preserved.....	Powell Bros. & Co.....	66,305	Nov. 19	131	937
Fish. Salted, cured, dried, and canned.....	Gorton-Pew Fisheries Company.....	60,678	Feb. 19	126	3034
Fishing-bait. Spoon.....	W. T. J. Lowe.....	64,896	Aug. 27	129	3497
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Fishing-rods.....	M. A. Shipley.....	63,760	July 9	129	863
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Fishing-tackle.....	F. E. Chester.....	61,320	Mar. 12	127	843
Fishing-tackle.....	F. E. Chester.....	61,321	Mar. 12	127	844
Fishing-tackle. Assorted.....	F. E. Chester.....	62,093	Apr. 16	127	2812
Fishing-tackle. Certain.....	Clark-Horrocks Co.....	64,894	Aug. 27	129	3497
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Flat-iron pads.....	Laundry Novelty Company.....	62,073	Apr. 16	127	2811
Flavoring compound.....	J. Z. Davidson.....	59,915	Jan. 22	126	1349
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Flavoring extract.....	Charles Jacquin et Cie.....	61,049	Mar. 5	127	385

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Flavoring extracts.....	Cincinnati Perfume Co.....	60,708	Feb. 19	126	3035
Flavoring extracts.....	Blanke-Baer Chemical Company.....	61,063	Mar. 5	127	385
Flavoring extracts.....	Miller Manufacturing Company.....	63,460	June 18	128	2832
Flavoring extracts.....	C. S. Morey Mercantile Company.....	64,380	Aug. 6	129	2494
Flavoring extracts.....	McCormick & Co.....	65,086	Sept. 3	130	296
Flavoring extracts.....	Grand Union Tea Co.....	65,503	Oct. 8	130	1682
Flavoring extracts.....	R. Hardesty Manufacturing Company.....	65,913	Oct. 29	130	2714
Flavoring extracts.....	A. Schilling & Co.....	66,208	Nov. 12	131	688
Flavoring extracts.....	Baker Extract Company.....	66,403	Nov. 26	131	1156
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Flavoring-syrup.....	H. C. Metzger.....	64,145	July 23	129	1606
Flavoring-syrups.....	A. M. Bradley.....	61,725	Apr. 2	127	1987
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Flour. Cereal.....	B. Heller & Co.....	63,098	June 4	128	2081
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Flour. Pancake and buckwheat.....	S. Hamill Company.....	65,145	Sept. 10	130	650
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Flour. Wheat.....	Dickson Mill & Grain Co.....	59,436	Jan. 8	126	750
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Flour. Wheat.....	W. S. Hills Co.....	59,458	Jan. 8	126	751
Flour. Wheat.....	Hungarian Milling & Elevator Co.....	59,582	Jan. 8	126	754
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Flour. Wheat.....	Huegely Milling Company.....	59,747	Jan. 15	126	1059
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Flour. Wheat.....	Higginsville Milling Company.....	59,872	Jan. 22	126	1348
Flour. Wheat.....	Higginsville Milling Company.....	59,873	Jan. 22	126	1348
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Flour. Wheat.....	Regina Flour Mill Co.....	60,114	Jan. 29	126	1768
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Flour. Wheat.....	Shellabarger Mill & Elevator Company.....	60,116	Jan. 29	126	1768
Flour. Wheat.....	Sprague, Warner & Company.....	60,239	Jan. 29	126	1772
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Flour. Wheat.....	Valier & Spies Milling Company.....	60,268	Feb. 5	126	2181
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Flour. Wheat.....	Pickerrill & Hill.....	60,663	Feb. 19	126	3033
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Flour. Wheat.....	F. Cobb & Co.....	60,855	Feb. 26	126	3415
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Flour. Wheat.....	Davis Milling Company.....	61,222	Mar. 12	127	841
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Flour. Wheat.....	Eagle Roller Mill Company.....	61,856	Apr. 9	127	2388
Flour. Wheat.....	Eagle Roller Mill Company.....	61,871	Apr. 9	127	2389
Flour. Wheat.....	George Urban Milling Company.....	61,875	Apr. 9	127	2389
Flour. Wheat.....	George Urban Milling Company.....	61,876	Apr. 9	127	2389
Flour. Wheat.....	George Urban Milling Company.....	61,877	Apr. 9	127	2389
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Flour. Wheat.....	Phoenix Mill Co.....	61,953	Apr. 9	127	2391
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Flour. Wheat.....	Watson Mill Company.....	62,566	May 14	128	880
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Flour. Wheat.....	Eagle Roller Mill Company.....	62,649	May 21	128	1285
Flour. Wheat.....	Eagle Roller Mill Company.....	62,650	May 21	128	1285
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Flour. Wheat.....	Akin-Erskine Milling Co.....	63,437	June 18	128	2832
Flour. Wheat.....	Globe Milling Company.....	63,440	June 18	128	2832
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Flour. Wheat.....	Kansas Milling Company.....	65,400	Sept. 24	130	1304
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Flour. Wheat.....	Washburn Crosby Company.....	66,614	Dec. 17	131	1936
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Food. Poultry.....	Albert Dickinson Company.....	62,017	Apr. 16	127	2810
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Food. Poultry.....	National Food Company.....	64,392	Aug. 6	129	2494
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Food preparations. Certain.....	Sherer-Gillett Company.....	60,710	Feb. 19	126	3035
Food preparations. Certain.....	H. J. Heinz Company.....	61,051	Mar. 5	127	385
Food preparations. Certain.....	H. J. Heinz Company.....	61,052	Mar. 5	127	385
Food preparations. Certain.....	H. J. Heinz Company.....	61,053	Mar. 5	127	385
Food preparations. Certain.....	Jones Bros. & Co.....	61,350	Mar. 19	127	1247
Food preparations. Certain.....	C. H. Montanye.....	61,394	Mar. 19	127	1248
Food preparations. Certain.....	Allen Brothers Company.....	63,571	June 25	128	3283
Food preparations. Certain.....	Siegel Cooper & Co.....	63,865	July 9	129	866
Food preparations. Certain.....	A. Cliff.....	64,438	Aug. 6	129	2496
Food prepared from beef. Concentrated.....	Charles Hewitt & Sons Co.....	66,284	Nov. 19	131	937
Food. Prepared stock.....	H. K. Mulford Company.....	59,310	Jan. 8	126	747
Food-preservatives.....	Gulport Grocery Co.....	65,908	Oct. 29	130	2714
Food-preservatives.....	Thomas Thorkildsen & Company.....	61,427	Mar. 19	127	1249
Food products.....	F. Mráz.....	66,179	Nov. 12	131	687
Food products. Certain.....	J. P. Cooper.....	66,406	Nov. 26	131	1156
Food products. Certain.....	Schnull & Co.....	60,087	Jan. 29	126	1768
Food products. Certain.....	H. J. Heinz Company.....	62,182	Apr. 23	127	3210
Food products. Unctuous.....	Schwarzschild and Sulzberger Company.....	62,891	May 28	128	1684
Food. Stock.....	Farmers Friend Stock Food Company.....	62,380	Apr. 30	127	3638
Food. Stock.....	Western Grain Products Company.....	62,668	May 21	128	1286
Food. Stock.....	Husted Milling & Elevator Company.....	62,797	May 28	128	1681
Food. Stock and poultry.....	J. W. Anderson.....	60,058	Jan. 29	126	1767
Food. Stock and poultry.....	Pennsylvania Primo Feed Company.....	66,804	Dec. 31	131	2411
Food substances. Certain oleaginous.....	Schwarzschild and Sulzberger Company.....	59,931	Jan. 22	126	1350
Food. Wheat breakfast.....	Pillsbury-Washburn Flour Mills Co.....	61,908	Apr. 9	127	2390
Food. Wheat breakfast.....	Pillsbury-Washburn Flour Mills Co.....	61,909	Apr. 9	127	2390
Food. Wheat breakfast.....	Pillsbury-Washburn Flour Mills Company.....	62,011	Apr. 16	127	2810
Food. Wheat breakfast.....	Pillsbury-Washburn Flour Mills Company.....	62,012	Apr. 16	127	2810
Food. Wheat breakfast.....	Pillsbury-Washburn Flour Mills Co.....	62,077	Apr. 16	127	2812
Food. Wheat breakfast.....	Cream of Wheat Co.....	63,805	July 9	129	864
Food. Wheat breakfast.....	Cream of Wheat Co.....	63,806	July 9	129	864
Food. Wheat breakfast.....	Cream of Wheat Co.....	63,807	July 9	129	864
Foods. Cereal breakfast.....	Northwestern Cereal Co.....	59,312	Jan. 8	126	747
Foods. Cereal breakfast.....	Postum Cereal Co.....	62,732	May 21	128	1287
Foods. Cereal breakfast.....	A. M. Pereyra.....	66,595	Dec. 17	131	1935
Foods. Certain.....	Seattle Pure Food Co.....	59,797	Jan. 15	126	1060
Foods. Certain.....	St. Louis Syrup & Preserving Company.....	61,832	Apr. 9	127	2388
Foods. Certain.....	S. S. Pierce Co.....	62,560	May 14	128	880
Foods. Certain.....	Jamison Bros. & Johntz Bakers' Supply Co.....	63,074	June 4	128	2080
Foods. Certain.....	Great Atlantic & Pacific Tea Company.....	63,309	June 11	128	2525
Foods. Certain.....	Reiss & Brady.....	63,322	June 11	128	2526
Foods. Certain.....	Holbrook Grocery Co.....	63,934	July 16	129	1262
Foods. Certain.....	S. Gatti & Son.....	64,550	Aug. 13	129	2852
Foods. Certain.....	J. G. Hutchison & Co.....	64,917	Aug. 27	129	3497
Foods. Certain.....	Oliver-Finnie Co.....	64,921	Aug. 27	129	3497
Foods. Certain.....	Oliver-Finnie Co.....	64,922	Aug. 27	129	3497
Foods. Certain.....	Oliver-Finnie Co.....	64,923	Aug. 27	129	3497

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Foods. Certain	Scudders-Gale Grocer Co.....	64,949	Aug. 27	129	3498
Foods. Certain	E. C. Flaccus.....	65,082	Sept. 3	130	296
Foods. Certain	McClintock-Trunkey Co.....	65,377	Sept. 24	130	1303
Foods. Certain	Carroll, Brough & Robinson.....	65,801	Oct. 22	130	2367
Foods. Certain	Block-Horn Preserving Co.....	66,281	Nov. 19	131	937
Foods. Certain	Zane & Gill.....	66,615	Dec. 17	131	1936
Foods. Certain cereal	Sprague, Warner & Company.....	59,235	Jan. 1	126	383
Foods. Certain cereal	D. S. Goss.....	59,441	Jan. 8	126	750
Foods. Certain cereal	Jireh Diabetic Food Co.....	59,812	Jan. 15	126	1061
Foods. Certain cereal	H-O (Hornby's Oatmeal) Com- pany.....	60,067	Jan. 29	126	1767
Foods. Certain cereal	F. L. Thornton.....	62,564	May 14	128	880
Foods. Certain cereal	Everett, Aughenbaugh & Com- pany.....	63,979	July 16	129	1263
Foods. Certain cereal	Everett, Aughenbaugh & Com- pany.....	64,063	July 23	129	1604
Foods. Certain cereal	American Cereal Company.....	64,270	July 30	129	2070
Foods. Certain cereal	Everett, Aughenbaugh & Com- pany.....	64,307	July 30	129	2071
Foods. Certain cereal	Allen's B. B. B. Flour Co.....	64,414	Aug. 6	129	2495
Foods. Certain cereal	Chaffee-Miller Milling Company..	65,136	Sept. 10	130	650
Foods. Certain cereal	Everett, Aughenbaugh & Com- pany.....	65,137	Sept. 10	130	650
Foods. Certain cereal	Oliver-Finnie Co.....	65,142	Sept. 10	130	650
Foods. Certain cereal	Oliver-Finnie Co.....	65,144	Sept. 10	130	650
Foods. Certain cereal	Carno Mills Company.....	65,260	Sept. 17	130	971
Foods. Certain cereal	Allen Brothers Company.....	65,897	Oct. 29	130	2714
Foods. Certain cereal	J. G. Hutchison & Co.....	66,023	Nov. 5	131	354
Foods. Certain cereal	C. Hewitt & Sons Co.....	66,167	Nov. 12	131	687
Foods. Certain cereal	Johnson Educator Food Com- pany.....	66,176	Nov. 12	131	687
Foods. Certain cereal	Corno Mills Company.....	66,407	Nov. 26	131	1156
Foods. Certain cereal	Shannon & Mott Company.....	66,610	Dec. 17	131	1935
Foods. Certain named	Curtice Brothers Company.....	59,777	Jan. 15	126	1060
Foods. Certain sea	Schnull and Company.....	60,088	Jan. 29	126	1768
Foods. Certain sea	E. T. Smith Company.....	61,596	Mar. 26	127	1574
Foods. Certain sea	Reiss & Brady.....	62,252	Apr. 30	127	3635
Foods. Certain sea	John Blauls Sons Company.....	65,245	Sept. 17	130	971
Foods. Certain sea	Menzel & Co.....	66,301	Nov. 19	131	937
Foods. Certain sea	Holbrook Grocery Co.....	66,684	Dec. 24	131	2139
Foods for infants and invalids	A. Horowitz.....	62,694	May 21	128	1286
Foods for infants and invalids. Prepared	Wells & Richardson Company.....	59,091	Jan. 1	126	379
Foods for infants and invalids. Prepared	Woolrich & Co.....	60,501	Feb. 12	126	2582
Foods. Medicated stock	Dr. Hess & Clark.....	62,206	Apr. 23	127	3211
Foods. Medicated stock	Dr. Hess & Clark.....	62,207	Apr. 23	127	3211
Foods. Poultry and pigeon	Taylor Bros.....	63,425	June 18	128	2831
Foods. Prepared cereal breakfast	Hygienic Food Co.....	60,101	Jan. 29	126	1768
Foods. Prepared stock	A. Burt & Co.....	62,180	Apr. 23	127	3210
Foods. Seasoning-sauce for	A. Schrader.....	59,930	Jan. 22	126	1350
Foods. Stock and poultry	Alfalfa Products Company.....	59,081	Jan. 1	126	378
Foods. Wheat breakfast	Portland Flouring Mills Co.....	66,596	Dec. 17	131	1935
Footwear. Certain	Dolgeville Felt Shoe Co.....	63,044	June 4	128	2079
Footwear. Certain	A. G. Spalding & Bros.....	64,046	July 23	129	1603
Footwear. Certain	A. G. Spalding & Bros.....	64,081	July 23	129	1604
Footwear. Certain	A. G. Spalding & Bros.....	64,121	July 23	129	1605
Footwear. Certain	Wright & Ditson.....	64,267	July 30	129	2070
Footwear. Certain	F. Valdes & Co.....	65,153	Sept. 10	130	650
Footwear. Certain	F. Valdes & Co.....	65,155	Sept. 10	130	650
Footwear. Certain	Associated Shoe Company.....	66,494	Dec. 10	131	1681
Formaldehyde. Product of	Chemische Fabrik auf Actien (vorm. E. Schering).....	65,625	Oct. 15	130	2061
Foundry-facings, &c	S. Doggett.....	63,808	July 9	129	864
Foundry-facings, &c	United States Graphite Company.....	64,076	July 23	129	1604
Frogs, crossings, switches, and switch-stands	Cleveland Frog and Crossing Company.....	63,216	June 11	128	2523
Frogs, crossings, switches, and switch-stands	Cleveland Frog and Crossing Company.....	63,217	June 11	128	2523
Fruit-butter	H. E. Harris.....	66,516	Dec. 10	131	1681
Fruit. Dried	Castle Brothers.....	60,096	Jan. 29	126	1768
Fruit. Dried	Castle Brothers.....	62,685	May 21	128	1286
Fruit. Dried	Castle Brothers.....	62,686	May 21	128	1286
Fruit. Dried	Castle Brothers.....	63,093	June 4	128	2081
Fruit-extracts	C. Erba.....	64,729	Aug. 20	129	3155
Fruit-juices	T. J. Clement.....	60,917	Feb. 26	126	3416
Fruit-juices. Distilled	California Grape Juice Company..	65,434	Sept. 24	130	1305
Fruit-pulp from skins and seeds. Machines for separating	O. Oberfell.....	65,169	Sept. 10	130	651
Fruit-syrups	C. S. Bucklin.....	59,346	Jan. 8	126	748
Fruits and crystallized ginger. Glazed	California Fruit Syrup Company.....	64,257	July 30	129	2069
Fruits and vegetable oils. Dried, fresh, and preserved	Griggs, Cooper & Company.....	59,194	Jan. 1	126	382
Fruits and vegetable oils. Dried, fresh, and preserved	C. Eckardt.....	66,170	Nov. 12	131	687
Fruits. Basketed fresh	C. Eckardt.....	66,171	Nov. 12	131	687
Fruits. Dried	Charles & Co.....	66,385	Nov. 26	131	1156
Fruits. Dried	Reiss & Brady.....	59,928	Jan. 22	126	1350
Fruits. Dried and evaporated	C. M. & R. Tompkins.....	64,275	July 30	129	2070
Fruits. Dried and evaporated	W. D. Jameson.....	60,291	Feb. 5	126	2182
Fruits, sago, bird-seed, &c. Dried	National Grocer Company.....	61,395	Mar. 19	127	1248
Fruits, vegetables, nuts, and flavoring extracts and essences	Schwabacher Bros. & Co.....	61,068	Mar. 5	127	386
Fudge, Italian creams, and other candies	L. M. Reynolds.....	61,044	Mar. 5	127	385
Fuel. Artificial	J. E. Schaeffer.....	62,584	May 14	128	881
Fuel. Artificial	A. V. Hassman.....	60,679	Feb. 19	126	3034
Fuel burning device. Comminuted or pulverized	G. W. Herbein.....	61,858	Apr. 9	127	2388
Fuel burning device. Comminuted or pulverized	International Combustion Cor- poration.....	63,073	June 4	128	2080
Fuel. Certain	Coalite Limited.....	66,502	Dec. 10	131	1681
Fumblers' earth	Lester Clay Co.....	64,498	Aug. 13	129	2851
Fumigants	Maas & Waldstein Company.....	60,609	Feb. 12	126	2585

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Fur coats.....	B. L. Price & Co.....	64,215	July 30	129	2068
Fur garments.....	Hargadine-McKittrick Dry Goods Company.	61,380	Mar. 19	127	1248
Furs and skins.....	Becker Bros. & Co.....	66,037	Nov. 5	131	355
Furs. Manufactured.....	C. C. Shayne & Co.....	62,413	May 7	128	449
Furnaces.....	Graff Furnace Co.....	63,907	July 16	129	1261
Furnaces and muffles. Certain.....	Morgan Crucible Company.....	63,860	July 9	129	866
Furnaces, heaters, and boilers.....	L. J. Mueller Furnace Company..	65,232	Sept. 10	130	652
Furnaces, muffles, &c. Assayers'.....	Morgan Crucible Company.....	63,007	June 4	128	2078
Furnaces. Oil.....	Railway Materials Company.....	62,702	May 21	128	1287
Furnaces, stoves, and ranges.....	Keystone Stove Foundry.....	65,343	Sept. 17	130	974
Furnaces, stoves, and ranges.....	E. B. Colby & Co.....	66,761	Dec. 24	131	2141
Furniture and piano polishes.....	H. B. Ingham.....	66,233	Nov. 19	131	935
Furniture and upholstery. Certain.....	E. Hubbard.....	60,196	Jan. 29	126	1770
Furniture and woodwork cleaning and polishing preparations.....	Atlas Specialty Company.....	61,106	Mar. 5	127	387
Furniture. Certain.....	Grand Rapids Furniture Company.	60,837	Feb. 19	126	3038
Furniture. Certain.....	L. & J. G. Stickley.....	62,578	May 14	128	881
Furniture. Certain.....	Globe-Wernicke Company.....	63,441	June 18	128	2832
Furniture. Certain.....	Globe-Wernicke Company.....	63,442	June 18	128	2832
Furniture. Certain.....	Simmons Manufacturing Company.	65,950	Oct. 29	130	2715
Furniture-cleaning preparation. Detergent.....	J. Adler.....	63,742	July 9	129	863
Furniture-polish.....	T. B. Peirce.....	59,038	Jan. 1	126	377
Furniture-polish.....	Lyons & Healy.....	61,470	Mar. 26	127	1571
Furniture-polish.....	Japan Polish Company of Baltimore City.	63,956	July 16	129	1262
Furniture-polish.....	Noxal Polish Manufacturing Company.	64,174	July 30	129	2067
Furniture-polish.....	F. C. Solms.....	65,183	Sept. 10	130	651
Furniture-polish.....	Orchard & Wilhelm Carpet Co.....	65,598	Oct. 8	130	1684
Furniture-polish.....	Orchard & Wilhelm Carpet Co.....	65,727	Oct. 22	130	2365
Furniture-polish.....	R. Schulze.....	66,850	Dec. 31	131	2413
Fuse-caps, detonators, and dynamite.....	Burton Powder Company.....	64,513	Aug. 13	129	2851
Fuses.....	Coast Manufacturing & Supply Co.	61,643	Apr. 2	127	1985
Fuses.....	Coast Manufacturing & Supply Co.	61,644	Apr. 2	127	1985
Fuses.....	Coast Manufacturing & Supply Co.	62,195	Apr. 23	127	3211
Fuses.....	Coast Manufacturing & Supply Co.	62,242	Apr. 30	127	3635
Fuses.....	Coast Manufacturing & Supply Co.	62,243	Apr. 30	127	3635
Fuses.....	Coast Manufacturing & Supply Co.	62,244	Apr. 30	127	3635
Fuses and blasting-caps.....	Eastern Dynamite Company.....	60,954	Feb. 26	126	3417
Fuses. Safety.....	Rhein-Westf. Sicherheits-Zündschnurfabrik Gesellschaft mit beschränkter Haftung.	64,343	Aug. 6	129	2493
Gages and revolution and stroke counters. Pressure and vacuum.	Ashton Valve Company.....	65,330	Sept. 17	130	973
Gambier.....	L. Littlejohn & Co.....	66,104	Nov. 12	131	685
Game.....	Milton Bradley Co.....	64,899	Aug. 27	129	3497
Game-blocks. Combination.....	C. H. Rieth.....	65,686	Oct. 15	130	2063
Game-boards.....	E. J. Bond.....	63,360	June 18	128	2830
Game. Card.....	E. W. Beers.....	59,344	Jan. 8	126	748
Game. Card.....	Parker Brothers.....	59,359	Jan. 8	126	748
Game. Card.....	G. J. Bronstrop.....	59,398	Jan. 8	126	749
Game. Card.....	Sea Coast Electric and Manufacturing Company.	59,416	Jan. 8	126	750
Game. Card.....	S. R. Beal.....	60,891	Feb. 26	126	3416
Game. Card.....	W. J. Roche.....	62,595	May 14	128	881
Game. Card.....	H. J. Gould.....	62,836	May 28	128	1682
Game. Card.....	J. H. Welch.....	63,749	July 9	129	863
Game. Certain.....	J. W. Spear & Söhne.....	62,274	Apr. 30	127	3636
Game. Certain.....	Milton Bradley Co.....	64,968	Sept. 3	130	293
Game-counters and chips.....	United States Playing Card Co.	61,101	Mar. 5	127	386
Game-counters and chips.....	United States Playing Card Co.	61,102	Mar. 5	127	386
Games and sports. Certain named goods used in athletic.	Victor Sporting Goods Co.....	61,492	Mar. 26	127	1571
Games and toys. Certain.....	F. A. Richter.....	59,818	Jan. 15	126	1061
Games. Card.....	Flinch Card Co.....	59,739	Jan. 15	126	1059
Games. Card.....	A. J. Fall.....	66,660	Dec. 17	131	1937
Games. Mosaic.....	F. A. Richter.....	65,684	Oct. 15	130	2062
Garments. Certain.....	Jones Dry Goods Co.....	60,029	Jan. 22	126	1352
Garters.....	Hewes & Potter.....	59,227	Jan. 1	126	382
Garters.....	American Garter Co.....	63,029	June 4	128	2079
Gas and electric light fixtures.....	Shapiro & Aronson.....	66,240	Nov. 19	131	935
Gas-burners.....	Oakman Manufacturing Company.	62,514	May 14	128	879
Gas-burners.....	C. A. Campbell.....	64,489	Aug. 13	129	2851
Gas burners. Illuminating.....	Alton Mfg Co.....	60,288	Feb. 5	126	2182
Gas burners. Illuminating.....	Alton Mfg. Co.....	64,346	Aug. 6	129	2493
Gas-burners. Incandescent.....	Plume & Atwood Mfg. Co.....	61,738	Apr. 2	127	1988
Gas-burners. Incandescent.....	Block Light Company.....	65,820	Oct. 22	130	2368
Gas-burners. Metal.....	Geo. Bray & Co.....	61,800	Apr. 9	127	2387
Gas-burners. Metal.....	Geo. Bray & Co.....	61,801	Apr. 9	127	2387
Gas-burners. Metal.....	Geo. Bray & Co.....	61,802	Apr. 9	127	2387
Gas-burners. Metal.....	Geo. Brao & Co.....	61,803	Apr. 9	127	2387
Gas-burners. Metal.....	Geo. Bray & Co.....	61,804	Apr. 9	127	2387
Gas-burners. Metal.....	Geo. Bray & Co.....	61,805	Apr. 9	127	2387
Gas. Capsules and containers for compressed or liquefied.	Aërotors Limited.....	59,014	Jan. 1	126	377
Gas for inflating tires.....	Prest-O-Lite Company.....	63,422	June 18	128	2831
Gas-generating fluid.....	F. H. Ringemann.....	61,017	Feb. 26	126	3419
Gas heating, lighting, and cooking apparatus.....	A. G. Kaufman Mfg. Company.....	59,423	Jan. 8	126	750
Gas tanks. Compressed-acetylene.....	Prest-O-Lite Company.....	65,344	Sept. 17	130	974

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Gas-testing gages. Mercury.....	Beekman Sanitary Specialty Co.	60,155	Jan. 29	126	1769
Gaskets, oil-well packing, rubber tubing, &c.....	Diamond Rubber Co.	65,341	Sept. 17	130	974
Gasolene.....	National Refining Company.	63,369	June 18	128	2830
Gasolene.....	Standard Oil Co. of New York.	65,427	Sept. 24	130	1305
Gasolene, illuminating and lubricating oils, and greases.....	S. M. Willock.	62,424	May 7	128	450
Gasolene-motors and parts of same.....	Baird-Banks Mfg. & Supply Co.	63,848	July 9	129	865
Gauze in the piece.....	Jacobus & Carlisle Co.	66,763	Dec. 24	131	2141
Gelatin for use as food.....	J. & G. Cox.	61,621	Mar. 26	127	1575
Gelatin. Prepared.....	Whitman Grocery Company.	63,740	July 2	129	476
Geneva.....	De Nederlandsche Gist- & Spiritusfabriek.	66,575	Dec. 10	131	1683
Germicidal agent. Alkaline deodorizing and non-irritating.....	United States Dental Chemical Co.	62,212	Apr. 23	127	3211
Germicide, disinfectant, and antiseptic preparations.....	Star Trading Company.	62,226	Apr. 23	127	3211
Germicides and disinfectants.....	Tilden Company.	59,802	Jan. 15	126	1060
Gilding-wheel. Hand-operated.....	W. H. Coe Manufacturing Company.	66,733	Dec. 24	131	2140
Gilding-wheel. Hand-operated.....	W. H. Coe Manufacturing Company.	66,734	Dec. 24	131	2140
Gilding-wheel. Hand-operated.....	W. H. Coe Manufacturing Company.	66,735	Dec. 24	131	2140
Gin.....	E. Wertheimer.	59,498	Jan. 8	126	752
Gin.....	Wichman, Lutgen & Co.	59,880	Jan. 22	126	1348
Gin.....	Paducah Distilleries Co.	60,218	Jan. 29	126	1771
Gin.....	Mallard Distilling Co.	60,380	Feb. 5	126	2184
Gin.....	Kinahan & Company.	61,076	Mar. 5	127	386
Gin.....	John C. Weller Co.	61,093	Mar. 5	127	386
Gin.....	H. Obernauer.	61,094	Mar. 5	127	386
Gin.....	H. R. Myers.	61,586	Mar. 26	127	1574
Gin.....	Corning and Company.	62,149	Apr. 23	127	3209
Gin.....	Wm. Bergenthal Co.	62,374	Apr. 30	127	3638
Gin.....	Kaufmann Baer & Co.	62,695	May 21	128	1286
Gin.....	P. Hoppe.	63,172	June 11	128	2522
Gin.....	P. Hoppe.	63,173	June 11	128	2522
Gin.....	Freiberg & Workum.	63,674	July 2	129	475
Gin.....	Baird & Co.	64,126	July 23	129	1605
Gin.....	Tanqueray Gordon & Co.	64,866	Aug. 27	129	3496
Gin.....	G. Rexinger.	65,810	Oct. 22	130	2367
Gin.....	Japhet & Co.	66,297	Nov. 19	131	937
Gin.....	P. Loopuyt & Co.	66,579	Dec. 10	131	1683
Gin.....	A. Forbes.	66,795	Dec. 31	131	2411
Gin and apricot-brandy.....	W. A. Ross & Brother.	64,893	Aug. 27	129	3497
Gin and cordials.....	Tanqueray, Gordon & Co.	65,077	Sept. 3	130	296
Gin and whiskey.....	Kohn Distilling Co.	60,975	Feb. 26	126	3418
Gin. Buchu.....	J. H. Friedenwald & Co.	62,431	May 7	128	450
Gin, whiskey, and brandy.....	L. L. Lamm Co.	61,899	Apr. 9	127	2389
Gin, whiskey, and brandy.....	L. L. Lamm Co.	61,900	Apr. 9	127	2389
Gin, whiskey, brandy, and rum.....	John Kissel & Son.	65,444	Sept. 24	130	1305
Gin, whiskey, rum, &c.....	Boord & Son.	63,304	June 11	128	2525
Gins, cotton elevating and cleaning machines, &c.....	Air Blast Gin Co.	63,870	July 9	129	866
Ginger-ale.....	Wm. J. Stange Co.	65,954	Oct. 29	130	2715
Ginghams.....	Springstein Mills.	60,777	Feb. 19	126	3037
Ginghams.....	Springstein Mills.	60,778	Feb. 19	126	3037
Ginghams.....	Springstein Mills.	60,779	Feb. 19	126	3037
Ginghams.....	Springstein Mills.	60,780	Feb. 19	126	3037
Glass articles. Certain.....	Gillinder & Sons.	65,794	Oct. 22	130	2367
Glass chimneys, lantern-globes, and reflectors.....	Gill Brothers Company.	61,879	Apr. 9	127	2389
Glass flasks.....	Illinois Glass Company.	63,832	July 9	129	865
Glass shades, globes, and chimneys.....	Houdaille et Triquet.	62,591	May 14	128	881
Glass. Window.....	Columbus Plate & Window Glass Company.	64,332	Aug. 6	129	2493
Glass. Window.....	Chambers Window Glass Co.	65,239	Sept. 17	130	971
Glassware.....	Gill Brothers Company.	63,196	June 11	128	2522
Glassware and porcelain cleanser.....	M. McMahon.	61,337	Mar. 19	127	1247
Glassware. Certain.....	Gillinder & Sons.	60,191	Jan. 29	126	1770
Glassware. Certain.....	Penn-American Plate Glass Co.	61,449	Mar. 19	127	1250
Glassware. Certain.....	American Bar-Lock Company.	62,588	May 14	128	881
Globes. Educational.....	J. L. Hammett Co.	60,359	Feb. 5	126	2184
Gloves. Kid.....	Dayton Dry Goods Co.	60,425	Feb. 5	126	2185
Gloves. Kid.....	Steinberger & Kalisher.	62,598	May 14	128	881
Gloves. Kid.....	Steinberger & Kalisher.	62,599	May 14	128	881
Gloves. Kid.....	J. Wanamaker.	64,118	July 23	129	1605
Gloves. Kid.....	T. N. Foster & Co.	64,192	July 30	129	2068
Gloves. Knitted, netted, and lace.....	J. Wanamaker.	64,205	July 30	129	2068
Gloves. Leather.....	Rice, Stix Dry Goods Company.	62,363	Apr. 30	127	3638
Gloves. Leather.....	I. & R. Morley.	59,334	Jan. 8	126	748
Gloves. Leather.....	Miley Company.	60,073	Jan. 29	126	1767
Gloves. Leather.....	F. J. Raymond.	61,488	Mar. 26	127	1571
Gloves. Leather.....	Saranac Glove Company.	65,572	Oct. 8	130	1683
Gloves. Leather.....	Gordon & Ferguson.	65,827	Oct. 22	130	2368
Gloves. Leather and kid.....	Larned, Carter & Co.	59,406	Jan. 8	126	749
Gloves, mittens, and gauntlets.....	American Glove Co.	61,359	Mar. 19	127	1247
Gloves, mittens, palm-protectors, and wrist-supporters.....	Defiance Tick Mitten Co.	59,323	Jan. 8	126	747
Gloves. Silk.....	Gloversville Silk Mills.	59,063	Jan. 1	126	378
Gloves. Silk.....	Gloversville Silk Mills.	66,511	Dec. 10	131	1681
Gloves. Workingmen's leather.....	Detroit Leather Specialty Co.	59,247	Jan. 1	126	383
Glucose.....	Corn Products Refining Company.	63,306	June 11	128	2525
Glucose.....	Corn Products Refining Company.	63,307	June 11	128	2525
Glucose, grape-sugar, and potato-starch syrup.....	Norddeutsche Kartoffelmehl-Fabrik mit beschränkter Haftung.	65,263	Sept. 17	130	971
Glue.....	Hall & Ruckel.	60,604	Feb. 12	126	2585
Glue.....	S. Isaacs & Co.	61,776	Apr. 2	127	1989
Glue.....	Buffalo Specialty Company.	64,844	Aug. 27	129	3495
Glue. Solid and liquid.....	Commonwealth Glue Company.	64,697	Aug. 20	129	3154
Glues made from seaweeds.....	Arabol M'fg Co.	66,713	Dec. 24	131	2140
Go-carts.....	Alwin Manufacturing Company.	60,822	Feb. 19	126	3038

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Goggle, spectacle, and eyeglass lenses.....	W. W. Bissell.....	63,328	June 18	128	2829
Goggles. Automobile.....	Meyrowitz Manufacturing Company.....	65,758	Oct. 22	130	2366
Golf-club irons.....	A. G. Spalding & Bros.....	66,434	Nov. 26	131	1157
Golf-clubs and implements and parts thereof.....	P. G. Manufacturing Company.....	62,958	June 4	128	2077
Gongs and bells. Certain.....	Frank Mossberg Company.....	64,702	Aug. 20	129	3154
Gongs and parts thereof.....	J. G. Brill Company.....	66,327	Nov. 19	131	938
Grain. Brewers'.....	Atlantic Export Company.....	61,071	Mar. 5	127	386
Grain cleaners and separators.....	Sperry Manufacturing Company.....	59,718	Jan. 15	126	1058
Grain. Dried brewers'.....	Atlantic Export Company.....	60,853	Feb. 26	126	3415
Grain. Dried brewers'.....	Atlantic Export Company.....	60,854	Feb. 26	126	3415
Grain-elevators. Portable.....	Luthy & Co.....	59,407	Jan. 8	126	750
Grape-juice.....	Boericke & Tafel.....	66,870	Dec. 31	131	2413
Grape-juice.....	Royal Grape Juice Co.....	66,885	Dec. 31	131	2413
Grape-juice. Unfermented.....	Wilson Fruit Juice Co.....	61,968	Apr. 9	127	2391
Grape-juice. Unfermented.....	Wilson Fruit Juice Co.....	65,159	Sept. 10	130	650
Graphite.....	Joseph Dixon Crucible Company.....	59,029	Jan. 1	126	377
Graphite.....	Joseph Dixon Crucible Company.....	62,784	May 28	128	1681
Graphite.....	Joseph Dixon Crucible Company.....	62,977	June 4	128	2077
Grass-hooks.....	Wiebusch & Hilger.....	62,082	Apr. 16	127	2812
Gravers.....	Hammel, Riglander & Co.....	60,027	Jan. 22	126	1352
Grease. Axle.....	Great Western Oil Refining Company.....	63,525	June 25	128	3282
Grease-eradicator.....	A. J. Kayser.....	61,632	Apr. 2	127	1985
Greases, lubricating-oils, and mixtures.....	Ironsides Company.....	59,050	Jan. 1	126	378
Grindstones.....	Royal Manufacturing Co.....	65,774	Oct. 22	130	2366
Gum. Chewing.....	F. M. Switzer.....	59,146	Jan. 1	126	380
Gum. Chewing.....	Everybody's Gum Co.....	59,184	Jan. 1	126	381
Gum. Chewing.....	D. Norris.....	59,230	Jan. 1	126	382
Gum. Chewing.....	Buffalo Gum Company.....	59,304	Jan. 8	126	747
Gum. Chewing.....	F. J. Banta & Son.....	59,656	Jan. 15	126	1056
Gum. Chewing.....	Dayton Specialty Co.....	59,778	Jan. 15	126	1060
Gum. Chewing.....	F. M. Switzer.....	59,800	Jan. 15	126	1060
Gum. Chewing.....	J. F. Valentino.....	60,092	Jan. 29	126	1768
Gum. Chewing.....	Puritan Confection Company.....	60,687	Feb. 19	126	3034
Gum. Chewing.....	American Chic Co.....	60,747	Feb. 19	126	3036
Gum. Chewing.....	American Chic Co.....	61,345	Mar. 19	127	1247
Gum. Chewing.....	Soda Mint Gum Company.....	61,532	Mar. 26	127	1572
Gum. Chewing.....	Doctor Wemm's Eucalyptus Cure Co.....	61,559	Mar. 26	127	1573
Gum. Chewing.....	A. M. Fitch.....	62,796	May 28	128	1681
Gum. Chewing.....	Bon-Bon Company.....	62,807	May 28	128	1682
Gum. Chewing.....	A. M. Fitch.....	63,459	June 18	128	2832
Gum. Chewing.....	W. V. Moser.....	63,543	June 25	128	3283
Gum. Chewing.....	B. H. Galland.....	63,997	July 16	129	1264
Gum. Chewing.....	Wm. Wrigley Jr. & Co.....	64,816	Aug. 20	129	3157
Gum. Chewing.....	National Vending Machine Company.....	65,053	Sept. 3	130	295
Gum. Chewing.....	American Chic Co.....	65,386	Sept. 24	130	1304
Gum. Chewing.....	Gum-Lax Manufacturing Company.....	65,398	Sept. 24	130	1304
Gum. Chewing.....	E. H. Lee.....	65,402	Sept. 24	130	1304
Gum-drops.....	Rowntree and Company.....	66,475	Dec. 3	131	1417
Gun-grease.....	Winchester Repeating Arms Co.....	59,080	Jan. 1	126	378
Gun implements and certain equipments.....	Winchester Repeating Arms Co.....	60,620	Feb. 12	126	2585
Gun-sights.....	Lyman Gun Sight Corporation.....	61,393	Mar. 19	127	1248
Gun-sights.....	Lyman Gun Sight Corporation.....	64,526	Aug. 13	129	2852
Guns and parts thereof. Shot.....	Charles Parker Co.....	59,018	Jan. 1	126	377
Guns and parts thereof. Shot.....	Charles Parker Co.....	59,019	Jan. 1	126	377
Guns and parts thereof. Shot.....	Charles Parker Co.....	59,020	Jan. 1	126	377
Guns, pistols, revolvers and rifles. Shot.....	Remington Arms Company.....	60,248	Jan. 29	126	1772
Hair and mustache. Preparation for the.....	T. Hetherington.....	66,267	Nov. 19	131	936
Hair-combs. Ladies'.....	Pacific Novelty Company.....	65,963	Nov. 5	131	353
Hair curlers, crimpers, and wavers.....	Magic Curler Company.....	59,070	Jan. 1	126	378
Hair curlers or wavers.....	M. Roman.....	62,545	May 14	128	880
Hair-dressing.....	G. S. Kirkley.....	60,031	Jan. 22	126	1352
Hair-dressing and dandruff-remover.....	Wm. B. Riker & Son Company.....	61,969	Apr. 9	127	2391
Hair dry cleaning compound.....	M. Little-Paton.....	64,475	Aug. 6	129	2497
Hair-dye.....	L. P. Valligny.....	59,524	Jan. 8	126	753
Hair-dye.....	Guggenheim Mfg. Co.....	61,028	Feb. 26	126	3419
Hair-dye.....	L. Spiro.....	65,074	Sept. 3	130	296
Hair-dyeing preparations.....	Actien-Gesellschaft für Anilin-Fabrikation.....	62,674	May 21	128	1286
Hair-grower and dandruff-eradicator.....	T. J. Joyce.....	66,747	Dec. 24	131	2141
Hair-nets.....	A. G. Jennings.....	59,328	Jan. 8	126	747
Hair-pins.....	S. H. Goldberg.....	62,053	Apr. 16	127	2811
Hair-pins and hair ornaments.....	Rice & Hochster.....	62,500	May 7	128	452
Hair pins and ornaments. Horn, rubber, and celluloid.....	Rice & Hochster.....	59,710	Jan. 15	126	1058
Hair pins and ornaments. Tortoise-shell.....	Rice & Hochster.....	59,711	Jan. 15	126	1058
Hair-pins, combs, and hair ornaments.....	Fishel, Nessler & Company.....	63,194	June 11	128	2522
Hair-pins, combs, and hair ornaments.....	Pacific Novelty Company.....	65,055	Sept. 3	130	295
Hair-pins. Metal.....	S. Beaumont & Fils.....	59,017	Jan. 1	126	377
Hair-pomade.....	R. Moore.....	62,621	May 14	128	882
Hair. Preparation for removing superfluous.....	Hall & Ruckel.....	61,193	Mar. 5	127	389
Hair. Preparations for treatment of the.....	A. M. Pope.....	59,546	Jan. 8	126	753
Hair remedy.....	Pandrolol Mfg. Co.....	63,582	June 25	128	3284
Hair renewer and restorative and tonic for the hair, scalp, and skin.....	St. Jacobs Oil, Limited.....	59,520	Jan. 8	126	752
Hair-restoratives.....	F. M. Quinn.....	62,057	Apr. 16	127	2811
Hair-restorer.....	Van Vleet-Mansfield Drug Co.....	61,935	Apr. 9	127	2390
Hair-restorer.....	J. T. Gaudet.....	63,641	July 2	129	474
Hair-restoring compound.....	A. P. Simar.....	65,182	Sept. 10	130	651
Hair-tonic.....	R. B. Bennett.....	59,241	Jan. 1	126	383
Hair-tonic.....	J. L. Maughan.....	59,262	Jan. 1	126	383
Hair-tonic.....	Duncan F. Macnab Drug Co.....	59,511	Jan. 8	126	752
Hair-tonic.....	Fiebert Bros.....	60,835	Feb. 19	126	3038

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Hair-tonic.....	C. L. Du Rocher.....	61,238	Mar. 12	127	841
Hair-tonic.....	M. S. Barker.....	62,447	May 7	128	450
Hair-tonic.....	S. Pollak.....	64,290	July 30	129	2070
Hair-tonic.....	A. P. Ridenour.....	64,882	Aug. 27	129	3496
Hair-tonic.....	A. Cristadoro.....	65,369	Sept. 24	130	1303
Hair-tonic and eye-water.....	F. L. Kea.....	65,635	Oct. 15	130	2061
Hair-tonic and invigorator.....	J. P. Ward.....	66,315	Nov. 19	131	937
Hair-tonic and scalp remedy.....	M. L. Campbell.....	66,352	Nov. 26	131	1155
Hair-tonic, talcum powder, tooth-powder, and skin food.....	S. P. Burbank.....	61,697	Apr. 2	127	1987
Hair-tonics.....	E. M. Steibel.....	59,279	Jan. 1	126	384
Hair-tonics.....	J. B. Austin.....	63,921	July 16	129	1262
Hair-tonics.....	T. Mégroz.....	65,023	Sept. 3	130	294
Hair-tonics.....	J. L. Mowry.....	66,455	Nov. 26	131	1157
Hair-tonics and dandruff cures.....	C. Hughel.....	61,775	Apr. 2	127	1989
Hair tonics and renewers.....	T. B. Lathem.....	66,628	Dec. 17	131	1936
Hair tonics and restorers.....	Milligan & Donovan.....	61,949	Apr. 9	127	2391
Hair tonics and restorers.....	G. O. Kanson & Co.....	66,457	Nov. 26	131	1158
Hair tonics and restorers and shampoo.....	J. Kuskuna.....	62,604	May 14	128	881
Hair-tonics and scalp applications.....	F. Rizza.....	62,225	Apr. 23	127	3211
Hair-tonics, face, perspiration, talcum, and bath powder.....	A. C. Aydelott.....	66,736	Dec. 24	131	2140
Hair-washes.....	Wilhelm Anhalt Gesellschaft mit beschränkter Haftung.....	63,948	July 16	129	1262
Ham and breakfast-bacon.....	Charles Wolff Packing Company.....	60,253	Feb. 5	126	2181
Ham. Deviled.....	William Underwood Company.....	62,191	Apr. 23	127	3210
Ham, mortadelle, capiccoli, &c. Pressed.....	H. Fiorentini.....	66,408	Nov. 26	131	1156
Hams and bacon.....	Mosby & Cardozo.....	62,177	Apr. 23	127	3210
Hams and bacon.....	Kingan & Company.....	64,918	Aug. 27	129	349
Hams, bacon, and cured meats.....	Interstate Packing Co.....	64,552	Aug. 13	129	2852
Hams, shoulders, bacon, lard, and sausages.....	Louch, Augustine & Co.....	59,447	Jan. 8	126	751
Hams, shoulders, sides, and bacon.....	P. G. Cromwell.....	59,097	Jan. 1	126	379
Hamamelis. Distilled extract of.....	Pond's Extract Company.....	59,203	Jan. 1	126	382
Hames.....	Todd Manufacturing Co.....	62,515	May 14	128	879
Hammers.....	George Worthington Company.....	59,606	Jan. 15	126	1055
Hammers. Power.....	G. E. Davis.....	65,240	Sept. 17	130	971
Hammers, screw-drivers, and shovels.....	Kelley-How-Thomson Co.....	63,396	June 18	128	2831
Hammocks.....	D. W. Shoyer & Co.....	61,717	Apr. 2	127	1987
Hammocks.....	H. L. Hohfeld.....	66,139	Nov. 12	131	686
Hand-bags.....	Hahn & Amberg.....	65,771	Oct. 22	130	2366
Handkerchiefs.....	New Jersey Handkerchief Company.....	59,115	Jan. 1	126	379
Handkerchiefs.....	New Jersey Handkerchief Company.....	59,167	Jan. 1	126	381
Handkerchiefs.....	International M'fg. Co.....	62,354	Apr. 30	127	3638
Hardware. Saddlery.....	Eberhard Manufacturing Company.....	62,001	Apr. 16	127	2810
Harmonicas.....	Geo. Borgfeldt & Co.....	65,120	Sept. 10	130	649
Harmonicas. Mouth.....	Firm of M. Hohner.....	59,700	Jan. 15	126	1058
Harmonicas. Mouth.....	W. A. Böhm.....	62,092	Apr. 16	127	2812
Harness and leather dressings.....	F. A. Lovett & Co.....	59,876	Jan. 22	126	1348
Harness, horse-collars, saddles, and whips.....	Harpam Bros. Co.....	66,231	Nov. 19	131	935
Harness-trimmings. Certain.....	E. A. Pfeuffer Company.....	65,991	Nov. 5	131	354
Harrows, clod-crushers, and levelers.....	Duane H. Nash Inc.....	62,852	May 28	128	1683
Harrows, clod-crushers, and levelers.....	Duane H. Nash Inc.....	62,853	May 28	128	1683
Harrows, drills, and cultivators.....	Roderick Lean Manufacturing Company.....	60,738	Feb. 19	126	3036
Harrows, plows, seeders, rollers, &c.....	Cutaway Harrow Company.....	61,507	Mar. 26	127	1572
Hats.....	Swann Abram Hat Co.....	61,243	Mar. 12	127	841
Hats.....	J. H. Welsh & Co.....	62,415	May 7	128	450
Hats.....	C. Eichhold.....	63,777	July 9	129	864
Hats and caps.....	S. G. Hirschberg.....	61,407	Mar. 19	127	1249
Hats and caps.....	Rothschild Bros. Hat Co.....	62,411	May 7	128	449
Hats and caps. Automobile.....	35% Automobile Supply Co.....	61,090	Mar. 5	127	386
Hats and caps. Certain.....	F. Schoble & Co.....	59,647	Jan. 15	126	1056
Hats and caps. Certain.....	F. Schoble & Co.....	59,675	Jan. 15	126	1057
Hats and caps. Certain.....	F. Schoble & Co.....	60,740	Feb. 19	126	3036
Hats and caps. Certain.....	Rosenthal-Sloan Millinery Co.....	60,871	Feb. 26	126	3415
Hats and caps. Certain.....	J. H. Welsh & Co.....	62,416	May 7	128	450
Hats and caps. Certain.....	Parham-Matthews Hat Co.....	65,539	Oct. 8	130	1683
Hats and caps. Felt, fur, cloth, and straw.....	Mendel, Weinstock & Company.....	61,928	Apr. 9	127	2390
Hats and caps. Infants.....	S. Mayer & Sons.....	61,078	Mar. 5	127	386
Hats and caps. Stiff and soft.....	H. H. Roelofs.....	59,073	Jan. 1	126	378
Hats and caps. Straw.....	Townsend Grace Co. of Baltimore City.....	62,373	Apr. 30	127	3638
Hats and hat-frames. Ladies'.....	Aitken, Son & Co.....	64,817	Aug. 20	129	3157
Hats. Felt.....	M. Rosenwald.....	63,085	June 4	128	2080
Hats. Felt.....	W. A. Brooks.....	63,374	June 18	128	2830
Hats. Felt.....	Kinsella Hat Co.....	64,115	July 23	129	1605
Hats. Felt.....	Guyer Hat Co.....	64,336	Aug. 6	129	2493
Hats. Felt.....	Guyer Hat Co.....	64,852	Aug. 27	129	3496
Hats. Felt.....	Maxim Hat Works.....	65,507	Oct. 8	130	1682
Hats. Felt and straw.....	Harris-Polk Hat Co.....	62,691	May 21	128	1286
Hats. Fur.....	Croft & Knapp Co.....	66,857	Dec. 31	131	2413
Hats. Fur felt.....	Sperry & Walsh Hat Co.....	59,392	Jan. 8	126	749
Hats. Fur felt.....	Sperry & Walsh Hat Co.....	59,393	Jan. 8	126	749
Hats. Ladies' and children's.....	King, Brinsmade Mercantile Company.....	61,902	Apr. 9	127	2389
Hats. Men's and boys' fur.....	Gauss-Langenberg Hat Co.....	62,306	Apr. 30	127	3636
Hats. Men's wool, felt, and straw.....	Boogher Force and Goodbar Hat Company.....	60,009	Jan. 22	126	1352
Hats. Preparation for cleaning straw and bast.....	M. Queisner.....	61,083	Mar. 5	127	386
Hats. Stiff felt.....	N. P. Hill.....	62,068	Apr. 16	127	2811
Hats. Stiff fur.....	S. C. Holley & Co.....	59,671	Jan. 15	126	1057
Headache cure.....	D. M. MacKay.....	63,281	June 11	128	2524
Headers, and binders and mowers and parts thereof.....	Acme Harvesting Machine Company.....	64,024	July 23	129	1603
Headwear. Certain.....	Christy & Compy.....	63,577	June 25	128	3284

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Headwear. Certain	Moore Smith Co.	63,682	July 2	129	475
Headwear. Certain	F. H. Chamberlain	64,381	Aug. 6	129	2494
Headwear. Certain	F. H. Chamberlain	64,383	Aug. 6	129	2494
Headwear. Certain	Ayers-Young Hat Co.	64,580	Aug. 13	129	2853
Headwear. Certain	Ayers-Young Hat Co.	64,581	Aug. 13	129	2853
Headwear. Certain	Ayers-Young Hat Co.	64,603	Aug. 13	129	2854
Headwear. Certain	Jos. Pfeifer Clothing Co.	64,789	Aug. 20	129	3156
Headwear. Certain	Lamson & Hubbard	65,530	Oct. 8	130	1682
Headwear. Certain	Lamson & Hubbard	65,531	Oct. 8	130	1682
Headwear. Certain	Lamson & Hubbard	65,532	Oct. 8	130	1682
Headwear. Certain	Lamson & Hubbard	65,533	Oct. 8	130	1682
Headwear. Certain	Lamson & Hubbard	65,563	Oct. 8	130	1683
Headwear. Certain named	Dunlap & Co.	60,355	Feb. 5	126	2184
Headwear. Certain named	Dunlap & Co.	60,356	Feb. 5	126	2184
Heaters and furnaces. Gas and vapor	Snitjer Company	61,514	Mar. 26	127	1572
Heaters and heat-extractors. Water-	Alberger Condenser Company	65,970	Nov. 5	131	353
Heaters and heat-extractors. Water-	Alberger Condenser Company	65,971	Nov. 5	131	353
Heaters and steam-boilers for heating purposes. Hot-water	Model Heating Company	59,939	Jan. 22	126	1350
Heating and lighting apparatus. Certain	G. R. Lynch Mfg. Company	60,653	Feb. 19	126	3033
Heating and ventilating apparatus. Certain	A. Latzes Sons & Company	63,122	June 4	128	2081
Heating and ventilating apparatus. Certain	S. C. Davidson	65,980	Nov. 5	131	353
Heating apparatus. Certain	Abendroth Bros.	59,424	Jan. 8	126	750
Hematin albumen	F. Feustell Nf.	63,269	June 11	128	2524
Hematogenic or blood-forming iron compounds	A. Gude & Co.	62,309	Apr. 30	127	3637
Hides, skins, and furs	Offene Handelgesellschaft Schröder Smidt & Co.	66,727	Dec. 24	131	2140
Hog-cholera and diseases of cattle. Cure for	A. Crawford	60,832	Feb. 19	126	3038
Hoists	Chisholm & Moore Manufacturing Company.	65,207	Sept. 10	130	652
Hoists	Chisholm & Moore Manufacturing Company.	65,607	Oct. 8	130	1684
Hominy, hominy grits and flakes, and cornmeal	American Hominy Company	61,214	Mar. 12	127	841
Hones, &c	R. E. Brackett & Co.	61,799	Apr. 9	127	2387
Hones	Pierres Ouvres de la Salm Société Anonyme.	63,649	July 2	129	474
Honey compounds	Gordon, Wolf and Co.	61,581	Mar. 26	127	1574
Hoods. Ladies'	Boehm & Levine	60,008	Jan. 22	126	1352
Hooks and eyes	C. B. Patterson	59,387	Jan. 8	126	749
Hooks and eyes	Francis Hook & Eye & Fastener Company.	64,164	July 30	129	2067
Hooks. Snap-	Covert Mfg. Co.	62,000	Apr. 16	127	2810
Hooks. Snap-	Covert Manufacturing Company	66,041	Nov. 5	131	355
Horns. Amplifying-	Tea Tray Company of Newark, New Jersey.	60,220	Jan. 29	126	1771
Horns. Amplifying-	Tea Tray Company of Newark, N. J.	64,508	Aug. 13	129	2851
Horns and supports therefor. Amplifying-	Tea Tray Company of Newark, N. J.	59,650	Jan. 15	126	1056
Horse and mule shoes	American Horse Shoe Company	61,318	Mar. 12	127	843
Horse and mule shoes	Phoenix Horse Shoe Co.	61,450	Mar. 19	127	1250
Horse and mule shoes	Standard Horse Shoe Company	64,177	July 30	129	2067
Horse-blankets	George Worthington Company	63,831	July 9	129	885
Horse-blankets and rugs	T. F. Firth & Sons	64,576	Aug. 13	129	2853
Horse-covers	L. C. Chase & Company	59,468	Jan. 8	126	751
Horse hoof-pads	Consolidated Hoof Pad Company.	59,401	Jan. 8	126	749
Horse-radish, mustard, &c	United States Horse - Radish Company.	61,833	Apr. 9	127	2388
Horses' hoofs. Paste for softening.	G. H. Carter	66,094	Nov. 12	131	685
Horseshoe-pads	Revere Rubber Company	61,060	Mar. 5	127	385
Horseshoes	Chillington Tool Company	61,495	Mar. 26	127	1571
Hose	B. F. Goodrich Company	65,001	Sept. 3	130	294
Hose	B. F. Goodrich Company	65,002	Sept. 3	130	294
Hose	B. F. Goodrich Company	65,003	Sept. 3	130	294
Hose	B. F. Goodrich Company	65,004	Sept. 3	130	294
Hose	B. F. Goodrich Company	65,005	Sept. 3	130	294
Hose	B. F. Goodrich Company	65,006	Sept. 3	130	294
Hose	B. F. Goodrich Company	65,007	Sept. 3	130	294
Hose	B. F. Goodrich Company	65,008	Sept. 3	130	294
Hose	B. F. Goodrich Company	65,009	Sept. 3	130	294
Hose	B. F. Goodrich Company	65,010	Sept. 3	130	294
Hose	B. F. Goodrich Company	65,011	Sept. 3	130	294
Hose	B. F. Goodrich Company	65,012	Sept. 3	130	294
Hose	B. F. Goodrich Company	65,013	Sept. 3	130	294
Hose	B. F. Goodrich Company	65,014	Sept. 3	130	294
Hose	B. F. Goodrich Company	65,015	Sept. 3	130	294
Hose. Air-brake	Hewitt Rubber Company	63,231	June 11	128	2523
Hose and belting	New Jersey Car Spring & Rubber Co.	62,406	May 7	128	449
Hose and machinery packings	Revere Rubber Company	61,847	Apr. 9	127	2388
Hose and machinery packings	Revere Rubber Company	61,861	Apr. 9	127	2388
Hose and packing	Morgan & Wright	66,889	Dec. 31	131	2414
Hose. Canvas	H. J. M. Howard	66,232	Nov. 19	131	935
Hose. Certain	B. F. Goodrich Company	65,410	Sept. 24	130	1304
Hose. Certain	B. F. Goodrich Company	65,411	Sept. 24	130	1304
Hose. Certain	B. F. Goodrich Company	65,412	Sept. 24	130	1304
Hose. Certain	B. F. Goodrich Company	65,413	Sept. 24	130	1304
Hose. Certain	B. F. Goodrich Company	65,414	Sept. 24	130	1304
Hose. Certain	B. F. Goodrich Company	65,415	Sept. 24	130	1304
Hose. Certain	B. F. Goodrich Company	65,416	Sept. 24	130	1305
Hose. Certain	B. F. Goodrich Company	65,417	Sept. 24	130	1305
Hose. Certain	B. F. Goodrich Company	65,418	Sept. 24	130	1305
Hose-clamps	W. D. Allen Mfg. Co.	60,349	Feb. 5	126	2183
Hose-nozzles	Kelly & Jones Company	64,734	Aug. 20	129	3155
Hose-supporter	George Frost Company	62,925	May 28	128	1685

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Hose-supporters	M. L. Margolish	60,134	Jan. 29	126	1769
Hose-supporters	A. Stein & Co.	61,188	Mar. 5	127	389
Hose-supporters	George Frost Company	61,772	Apr. 2	127	1989
Hose-supporters	Gordon Manufacturing Com- pany.	63,378	June 18	128	2830
Hose-supporters	Gordon Manufacturing Company.	63,780	July 9	129	864
Hose-supporters	Black Cat Garter Company	64,582	Aug. 13	129	2853
Hose-supporters	Black Cat Garter Company	64,583	Aug. 13	129	2853
Hose-supporters and suspenders. Combination	Wolverine Suspender Co.	62,202	Apr. 23	127	3211
Hose. Woven	H. J. M. Howard	64,167	July 30	129	2067
Hosiery	North Texas Dry Goods Company	59,269	Jan. 1	126	383
Hosiery	L. B. Conway, Jr.	59,321	Jan. 8	126	747
Hosiery	Cooper, Wells & Co.	59,322	Jan. 8	126	747
Hosiery	C. Chipman's Sons	59,430	Jan. 8	126	750
Hosiery	C. Chipman's Sons	59,431	Jan. 8	126	750
Hosiery	N. Snellenburg & Co.	59,623	Jan. 15	126	1056
Hosiery	F. A. Patrick & Co.	59,698	Jan. 15	126	1058
Hosiery	Hibben, Hollweg & Co.	59,981	Jan. 22	126	1351
Hosiery	Hibben, Hollweg & Co.	59,982	Jan. 22	126	1351
Hosiery	Miley Company	59,986	Jan. 22	126	1357
Hosiery	C. Chipman's Sons	60,012	Jan. 22	126	1352
Hosiery	K. Schlatter	60,086	Jan. 29	126	1768
Hosiery	H. Frank & Sons	60,546	Feb. 12	126	2583
Hosiery	O. Osborne	60,773	Feb. 19	126	3036
Hosiery	C. Chipman's Sons	60,787	Feb. 19	126	3037
Hosiery	Paramount Knitting Company	60,842	Feb. 19	126	3038
Hosiery	Paramount Knitting Company	60,843	Feb. 19	126	3038
Hosiery	Paramount Knitting Company	60,844	Feb. 19	126	3038
Hosiery	Paramount Knitting Company	60,845	Feb. 19	126	3038
Hosiery	Rice, Stix Dry Goods Company	60,848	Feb. 19	126	3038
Hosiery	H. Starker	61,178	Mar. 5	127	389
Hosiery	Lord & Taylor	61,276	Mar. 12	127	842
Hosiery	C. Chipmans Sons	61,376	Mar. 19	127	1248
Hosiery	O. Osborne	62,359	Apr. 30	127	3638
Hosiery	O. Osborne	62,360	Apr. 30	127	3638
Hosiery	J. Silvey & Co.	62,369	Apr. 30	127	3638
Hosiery	Glidden, Hyde & Co.	62,553	May 14	128	880
Hosiery	Lord & Taylor	62,754	May 21	128	1288
Hosiery	Lord & Taylor	62,842	May 28	128	1682
Hosiery	Lord & Taylor	62,843	May 28	128	1682
Hosiery	Lord & Taylor	62,863	May 28	128	1683
Hosiery	F. Loeser & Co.	63,005	June 4	128	2078
Hosiery	C. Chipmans Sons	64,131	July 23	129	1606
Hosiery	Home Hosiery Co.	64,787	Aug. 20	129	3156
Hosiery	Richmond Hosiery Mills	65,326	Sept. 17	130	973
Hosiery	A. B. Andrews Company	65,662	Oct. 15	130	2062
Hosiery	L. Neebe	65,681	Oct. 15	130	2062
Hosiery	Paramount Knitting Company	66,340	Nov. 19	131	938
Hosiery	Paramount Knitting Company	66,341	Nov. 19	131	938
Hosiery	Lord & Taylor	66,368	Nov. 26	131	1155
Hosiery	Lord & Taylor	66,369	Nov. 26	131	1155
Hosiery	Lord & Taylor	66,370	Nov. 26	131	1155
Hosiery	Lord & Taylor	66,371	Nov. 26	131	1155
Hosiery	M. Half & Bro	66,373	Nov. 26	131	1155
Hosiery	Rubens & Meyer	66,394	Nov. 26	131	1156
Hosiery	Paramount Knitting Company	66,525	Dec. 10	131	1681
Hosiery	Paramount Knitting Co.	66,702	Dec. 24	131	2139
Hosiery and knit gloves	Carleton Dry Goods Company	61,809	Apr. 9	127	2389
Hosiery and knitted underwear	Brown Durrell Co.	62,341	Apr. 30	127	3637
Hosiery and knitted underwear	J. S. Naylor & Co.	62,699	May 21	128	1287
Husking devices. Certain	Defance Tick Mitten Co.	60,061	Jan. 29	126	1767
Hydraulic jacks	R. Dudgeon	65,063	Sept. 3	130	296
Hydraulic jacks	R. Dudgeon	65,066	Sept. 3	130	296
Hydraulic jacks and presses, pumps therefor, &c.	R. Dudgeon	65,064	Sept. 3	130	296
Hydraulic jacks and presses, pumps therefor, &c.	R. Dudgeon	65,067	Sept. 3	130	296
Hydraulic jacks, presses, and pumps	R. Dudgeon	65,065	Sept. 3	130	296
Hydrocarbons. Composition for treating	Barrett-Palmer Company	63,751	July 9	129	863
Hydrogen peroxid	G. Osborn	66,056	Nov. 5	131	355
Hypnotic	Battle & Co., Chemists' Corpora- tion.	63,430	June 18	128	2831
Ice-cream	Mazetta Mfg. Co.	62,223	Apr. 23	127	3211
Ice-cream and frozen puddings	Semon Ice Cream Company	65,406	Sept. 24	130	1304
Ice-cream and ices. Powder used in the manufacture of	F. A. Beeler	62,677	May 21	128	1286
Ice-cream cones	Andalraft Bros.	65,899	Oct. 29	130	2714
Ice-cream freezers	North Bro's. M'fg. Co.	59,491	Jan. 8	126	752
Ice-cream freezers	North Bro's. M'fg. Co.	59,492	Jan. 8	126	752
Ice-cream freezers	North Bro's. M'fg. Co.	59,493	Jan. 8	126	752
Ice-cream freezers	North Bro's. M'fg. Co.	59,494	Jan. 8	126	752
Ice-cream freezers	North Bro's. M'fg. Co.	59,495	Jan. 8	126	752
Ice-cream freezers	Gray & Dudley Hardware Co.	59,824	Jan. 22	126	1347
Ice-cream freezers	North Bros. M'fg. Co.	64,041	July 23	129	1603
Ice-cream freezers	Richmond Cedar Works	64,946	Aug. 27	129	3496
Ice-cream freezers	Richmond Cedar Works	66,255	Nov. 19	131	936
Ice-cream freezers	Snow Flake Manufacturing Com- pany.	66,597	Dec. 17	131	1935
Ice-creepers	F. W. Whitcher	59,977	Jan. 22	126	1351
Ice-making machinery, ammonia-compressors, and condensers	Triumph Electric Co.	64,975	Sept. 3	130	293
Ice-making machinery, ammonia-compressors, and condensers	Triumph Electric Co.	65,467	Sept. 24	130	1306
Illuminating-glassware	Welsbach Co.	62,338	Apr. 30	127	3637
Illuminating-prisms and vault, door, &c., lights	American Bar-Lock Company	64,769	Aug. 20	129	3156
Illuminating-prisms for building construction	American Bar-Lock Company	60,746	Feb. 19	126	3036
Incandescent gas-mantles	J. H. Ladd	62,663	May 21	128	1286
Incandescent mantles	Anglo-American Inc. Light Co.	60,674	Feb. 19	126	3034
Incandescent mantles and burners	Welsbach Co.	60,095	Jan. 29	126	1768
Incubators and brooders	R. F. Neubert	60,110	Jan. 29	126	1768
Incubators and brooders	Star Incubator and Brooder Co.	62,491	May 7	128	451

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Indexes. Paper	Amberg File & Index Co.	59,369	Jan. 8	126	748
India-rubber, gutta-percha, and other vulcanizable gums	G. A. Alden & Co.	65,872	Oct. 29	130	2713
Infant-pacifiers	B. F. Goodrich Company	65,665	Oct. 15	130	2062
Inhaling compounds and drugs	Butcher Direct Contact Method Company.	60,010	Jan. 22	126	1352
Inhaling devices	J. L. Perkins	60,346	Feb. 5	126	2183
Injectors	United Injector Co.	59,418	Jan. 8	126	750
Ink reducers and driers. Printing	J. P. Conner	62,343	Apr. 30	127	3637
Ink-removing solution	E. & H. Manufacturing Company.	64,661	Aug. 20	129	3153
Inks	Norddeutsche Wollkammerei & Kammgarnspinnerei.	62,605	May 14	128	881
Inks and stamp-pads	Thaddeus Davids Company	59,898	Jan. 22	126	1349
Inks. Printing	Queen City Printing Ink Co.	62,760	May 21	128	1288
Inks. Printing and lithographing	E. F. Rychen	61,741	Apr. 2	127	1988
Inks, type-inking ribbons, and carbon-paper	S. Brown	59,819	Jan. 22	126	1347
Inks. Writing	H. C. Stephens	65,706	Oct. 15	130	2063
Inking-pads	J. B. Laughton	60,431	Feb. 5	126	2186
Insect-exterminator	South Marion Mfg. Wholesale and Retail Drug Co.	64,650	Aug. 13	129	2855
Insect-paste	S. H. Kellogg	65,636	Oct. 15	130	2061
Insect-poison	U. Storrjohann	65,744	Oct. 22	130	2366
Insect-repellent. Certain	F. L. Stallman	63,436	June 18	128	2832
Insect-repelling preparations	P. Brandt	62,682	May 21	128	1286
Insects and vermin on animals. Preparation for destroying	Polk Miller Drug Co.	64,637	Aug. 13	129	2855
Insects. Preparation for killing	C. Lustgarten	60,379	Feb. 5	126	2184
Insecticide	A. Schulz	59,276	Jan. 1	126	384
Insecticide	L. N. Adler	60,713	Feb. 19	126	3035
Insecticide	T. Hetherington	61,704	Apr. 2	127	1987
Insecticide and antiseptic. Non-poisonous	T. C. Murphey	61,194	Mar. 5	127	389
Insecticide-distributors	Leggett & Brother.	66,425	Nov. 26	131	1157
Insecticide-distributors	Leggett & Brother.	66,441	Nov. 26	131	1157
Insecticide for bugs and blight	B. Hammond	60,413	Feb. 5	126	2185
Insecticide. Liquid	Germo Manufacturing Co.	60,599	Feb. 12	126	2585
Insecticides	D. J. Lambert	59,583	Jan. 8	126	754
Insecticides	H. Bensmann	61,246	Mar. 12	127	842
Insecticides	National Coal Tar Company	61,261	Mar. 12	127	842
Insecticides	E. Fichtenau	61,872	Apr. 9	127	2359
Insecticides	Leggett & Brother	66,722	Dec. 24	131	2140
Insecticides and antiseptic tooth-wash	A. R. Saylor	62,626	May 14	128	882
Insecticides and disinfectants	E. F. Lewis Company	60,034	Jan. 22	126	1352
Insecticides and disinfectants	W. J. English	64,850	Aug. 27	129	3498
Instep or arch support	W. H. Wood	60,584	Feb. 12	126	2584
Instep-supporters	Arrowsmith Manufacturing Company.	59,057	Jan. 1	126	378
Instrument for making conventional figures. Automatic	E. I. Horsman Co.	65,992	Nov. 5	131	354
Insulated electric wire and cable	Safety Insulated Wire & Cable Co.	60,369	Feb. 5	126	2184
Insulated electric wire and cable	Safety Insulated Wire & Cable Co.	60,370	Feb. 5	126	2184
Insulated electric wire and cables	John A. Roebings Sons Co.	63,853	July 9	129	866
Insulated electric wire and cables	John A. Roebings Sons Co.	63,878	July 9	129	866
Insulated receptacle. Heat	M. L. Palmer	60,927	Feb. 26	126	3417
Insulated wire. Stranded	John A. Roebing's Sons Co.	59,947	Jan. 22	126	1350
Insulated wires and cables	Chicago Insulated Wire and Manufacturing Company.	59,059	Jan. 1	126	378
Insulated wires, cables, and cords	W. M. Habirshaw	64,166	July 30	129	2067
Insulating compounds	Massachusetts Chemical Company.	59,613	Jan. 15	126	1055
Insulating material	Armstrong Cork Co.	63,212	June 11	128	2523
Insulating material. Electric	Electric Service Supplies Co.	65,586	Oct. 8	130	1684
Insulating material. Electrical	American Hard Rubber Co.	63,388	June 18	128	2830
Insulation for electrical purposes	Standard Asphalt and Rubber Company.	63,541	June 25	128	3283
Insulation material. Certain	Union Fibre Co.	60,578	Feb. 12	126	2584
Insulation materials. Certain	American Mica Company	61,434	Mar. 19	127	1249
Insulator and binder. Waterproof liquid	Flexible Compound Company	65,272	Sept. 17	130	972
Insulators. Electrical	I. von Schwarz	65,249	Sept. 17	130	971
Insulators for electrical purposes	Isolatoren - Fabrik "Pulvolit" Gesellschaft mit beschr. Haftung.	63,877	July 9	129	866
Insulators. Porcelain	George Cutter Co.	61,992	Apr. 16	127	2809
Intestinal astringents	Actien-Gesellschaft für Anilin-Fabrikation.	60,784	Feb. 19	126	3037
Iodids. Substitutes for	Farbenfabriken vorm. Friedr. Bayer & Co.	61,730	Apr. 2	127	1987
Iodin, oil of wintergreen, and menthol paste	Iosaline Company	61,161	Mar. 5	127	388
Iron	Alabama Consolidated Coal & Iron Co.	64,329	Aug. 6	129	2493
Iron and lithia water	Dawson Salts & Water Co.	61,991	Apr. 16	127	2809
Iron and silica briquets	Bosnische Electricitaets-Actien-gesellschaft.	59,181	Jan. 1	126	381
Iron. Pig-	Alabama Consolidated Coal & Iron Co.	64,693	Aug. 20	129	3154
Iron-smoothing compound	A. Lewis	60,634	Feb. 12	126	2586
Ironing-boards	H. L. Cavanagh & Sons	66,135	Nov. 12	131	686
Isinglass	Cape Ann Isinglass Company	62,241	Apr. 30	127	3635
Jabots made of netted and lace fabrics	Boehm & Levine	66,321	Nov. 19	131	938
Jackets and vests	W. W. Brown	59,399	Jan. 8	126	749
Jacks. Ratchet, screw, and track	A. O. Norton Incorporated	60,056	Jan. 29	126	1767
Jacks. Ratchet, screw, and track	A. O. Norton Incorporated	60,420	Feb. 5	126	2185
Jacks. Ratchet, screw, and track	A. O. Norton Incorporated	60,421	Feb. 5	126	2185
Jamaica ginger. Essence of	Van Vleet-Mansfield Drug Co.	61,205	Mar. 5	127	389
Jams	Beach and Clarridge Company	61,827	Apr. 9	127	2387
Jams, jellies, and marmalades	D. Jones	63,551	June 25	128	3283
Jar rubbers. Fruit-	W. H. Schaefer	59,169	Jan. 1	126	381
Jars	Perfection Glass Company	60,759	Feb. 19	126	3036
Jars. Fruit or preserving	Ball Bros. Glass Mfg. Co.	61,527	Mar. 26	127	1572

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Jellies	S. B. Stone	62,080	Apr. 16	127	2812
Jellies	S. B. Stone	62,190	Apr. 23	127	3210
Jewel-stone	C. W. Fuller	60,230	Jan. 29	126	1771
Jewelry	H. N. Pervear Company	62,298	Apr. 30	127	3636
Jewelry	Electric Chain Co.	62,689	May 21	128	1286
Jewelry	L. Stern & Co.	63,249	June 11	128	2524
Jewelry	Denton Brothers	63,489	June 25	128	3281
Jewelry	Sykes & Strandberg	64,432	Aug. 6	129	2495
Jewelry	Daggett & Clap Co.	65,395	Sept. 24	130	1304
Jewelry	Carter, Qvarnstrom & Remington	65,987	Nov. 5	131	354
Jewelry	S. & B. Lederer Company	66,008	Nov. 5	131	354
Jewelry and precious-metal ware. Certain	A. Edholm	62,002	Apr. 16	127	2810
Jewelry and precious-metal ware. Certain	Schless, Brod & Co.	63,244	June 11	128	2523
Jewelry and precious-metal ware. Certain	Durand & Co.	66,213	Nov. 19	131	935
Jewelry and precious stones. Certain named	Berry & Whitmore Co.	59,345	Jan. 8	126	748
Jewelry and silver-metal ware. Certain	Fishel, Nessler & Co.	59,724	Jan. 15	126	1058
Jewelry and solid and plated precious-metal ware	Carter, Howe & Co.	59,465	Jan. 8	126	751
Jewelry and solid and plated precious-metal ware. Certain	Oneida Community	59,707	Jan. 15	126	1058
Jewelry. Certain	McRae and Keeler	61,783	Apr. 2	127	1989
Jewelry. Certain	R. M. Horton	62,175	Apr. 23	127	3210
Jewelry. Certain	E. M. Weinberg & Co.	62,773	May 21	128	1288
Jewelry. Certain	Geo. O. Street & Sons	64,447	Aug. 6	129	2496
Jewelry. Certain	F. J. Goldsoll	64,783	Aug. 20	129	3156
Jewelry. Certain	J. J. Sommer	64,803	Aug. 20	129	3157
Jewelry. Certain	J. Koch	65,677	Oct. 15	130	2062
Jewelry. Certain	Kautzmann & Sussfeld	65,999	Nov. 5	131	354
Jewelry. Certain	C. S. Crossman & Co.	66,873	Dec. 31	131	2413
Jewelry. Certain named	Einstadt Manufacturing Co.	59,350	Jan. 8	126	748
Jewelry. Certain named	J. W. Benson	59,482	Jan. 8	126	751
Jewelry. Certain named	Larter & Sons	59,485	Jan. 8	126	752
Jewelry, solid, plated, and precious-metal ware	Paye and Baker Manufacturing Co.	62,729	May 21	128	1287
Jointing materials, engine-packings, and hose-pipes	Turner Brothers	64,534	Aug. 13	129	2852
Joints. Expansion-	Alberger Condenser Company	66,319	Nov. 19	131	938
Journal. Agricultural	L. Tucker & Son	60,497	Feb. 12	126	2582
Journal. Illustrated monthly	Telephony Publishing Company	60,205	Jan. 29	126	1771
Journal. Illustrated weekly	Stuyvesant Company	61,718	Apr. 2	127	1987
Journal. Monthly	Funk & Wagnalls Company	61,252	Mar. 12	127	842
Journal. Monthly	H. J. Gondon	62,637	May 21	128	1285
Journal of materia medica and therapeutics. Monthly	Merck & Co.	65,452	Sept. 24	130	1305
Journal. Weekly	Agricultural Publishing Company.	61,617	Mar. 26	127	1575
Journals. Periodical	J. H. Francis	63,169	June 11	128	2522
Jujubes	Wallace & Co.	64,405	Aug. 6	129	2495
Jumpers and overalls	Burnham Hanna Munger Dry Goods Co.	65,080	Sept. 3	130	296
Jumpers. Babies'	A. F. Mapes	65,103	Sept. 10	130	649
Kerosene	Polledo, Torres & Co.	62,251	Apr. 30	127	3635
Key rings and chains	L. Huet & E. Ligier	61,881	Apr. 9	127	2389
Key rings and chains	L. Huet & E. Ligier	61,882	Apr. 9	127	2389
Kid. Mat-	Petersburg Leather Company	62,234	Apr. 23	127	3212
Knapsacks	Mills Equipment Co.	66,250	Nov. 19	131	936
Knit garments. Certain	Wright & Ditson	62,164	Apr. 23	127	3210
Knit goods	A. G. Spalding & Bros	62,670	May 21	128	1286
Knit goods	A. G. Spalding & Bros	62,671	May 21	128	1286
Knit goods. Certain	G. C. Pratt	59,072	Jan. 1	126	378
Knit goods. Certain	A. G. Spalding & Bros	62,705	May 21	128	1287
Knit goods. Certain	P. Raguet Fils & R. Vignes	65,325	Sept. 17	130	973
Knit goods in the piece	French & Ward	59,062	Jan. 1	126	378
Knit goods in the piece	French & Ward	63,170	June 11	128	2522
Knit hosiery and underwear	M. & C. Mayer	61,604	Mar. 26	127	1574
Knit stockings	Glidden, Hyde & Co.	66,742	Dec. 24	131	2140
Knit undergarments	Royal Gem Mills Co.	64,599	Aug. 13	129	2854
Knit undergarments and sweaters	Sterling Knit Goods Co.	62,439	May 7	128	450
Knit undershirts	Rubens & Marble	66,377	Nov. 26	131	1155
Knit undershirts	Rubens & Marble	66,672	Dec. 17	131	1937
Knit undershirts and drawers	L. H. Schaarschmidt	62,438	May 7	128	450
Knit underwear	Oneita Knitting Mills	60,984	Feb. 26	126	3418
Knit underwear	Bedford-Willis Company	62,676	May 21	128	1286
Knit underwear	Rosenbaum Company	63,057	June 4	128	2080
Knit underwear	Frank Bros. & Co.	63,229	June 11	128	2523
Knit underwear	Frank Bros. & Co.	63,578	June 25	128	3234
Knit underwear	Brill Brothers	64,190	July 30	129	2068
Knit underwear	Frank Bros. & Co.	64,591	Aug. 13	129	2853
Knitted and netted underclothing	Elmira Knitting Mills	66,706	Dec. 24	131	2139
Knitted and netted underwear	Rice, Stix Dry Goods Company	59,231	Jan. 1	126	383
Knitted and netted underwear	Rice, Stix Dry Goods Company	62,867	May 28	128	1683
Knitted fabric, underwear, sweaters, &c	Fuld & Hatch Knitting Company	65,439	Sept. 24	130	1305
Knitted garments. Certain	J. H. Parker	63,383	June 18	128	2830
Knitted garments. Certain	M. Half & Bro	66,724	Dec. 24	131	2140
Knitted goods. Certain	Hargadine-McKittrick Dry Goods Company.	59,442	Jan. 8	126	750
Knitted goods. Certain	American Hosiery Company	60,352	Feb. 5	126	2183
Knitted goods. Certain	American Hosiery Company	60,372	Feb. 5	126	2184
Knitted goods. Certain	American Hosiery Company	60,401	Feb. 5	126	2185
Knitted goods. Certain	Novelty Knitting Co.	65,567	Oct. 8	130	1683
Knitted goods. Certain	Michigan Knitting Co.	66,668	Dec. 17	131	1937
Knitted hosiery, gloves, and underwear	M. S. Esche	62,064	Apr. 16	127	2811
Knitted hosiery, gloves, and underwear	M. S. Esche	62,094	Apr. 16	127	2812
Knitted hosiery, gloves, and underwear	M. S. Esche	62,106	Apr. 16	127	2812
Knitted hosiery, undershirts, and drawers	Guy, Curran & Co.	61,753	Apr. 2	127	1988
Knitted, netted, and lace drawers. Ladies'	H. P. Wheeler	66,891	Dec. 31	131	2414
Knitted or netted materials. Clothing of	W. Read & Sons	61,910	Apr. 9	127	2390
Knitted shirts, drawers, and vests	Reins & Meiss	59,643	Jan. 15	126	1056
Knitted shirts, skirts, and hosiery	G. Lund	66,520	Dec. 10	131	1681
Knitted socks and stockings	Magnet Knitting Mills	61,170	Mar. 5	127	388

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Knitted undershirts and drawers	Flavell Bros.	59,060	Jan. 1	126	378
Knitted undershirts and drawers	H. Jacquin & Co.	61,163	Mar. 5	127	388
Knitted undershirts and drawers	H. Jacquin & Company	61,382	Mar. 19	127	1248
Knitted undershirts and drawers	Robischon & Peckham Company	61,489	Mar. 26	127	1571
Knitted underwear	Ryff & Co.	59,391	Jan. 8	126	749
Knitted underwear	W. Iselin & Co.	60,815	Feb. 19	126	3037
Knitted underwear	H. Frank & Sons	62,347	Apr. 30	127	3638
Knitted underwear	Bristol Manufacturing Company	63,361	June 18	128	2830
Knitted underwear	H. L. Welch Hosiery Co.	63,380	June 18	128	2830
Knitted underwear	G. Rockwood & Co.	64,202	July 30	129	2068
Knitted underwear	Leshner-Raig Knitting Company	64,223	July 30	129	2068
Knitted underwear	Otis Company	64,795	Aug. 20	129	3156
Knitted underwear	J. Wanamaker	64,870	Aug. 27	129	3496
Knitted underwear	G. Rockwood & Co.	65,742	Oct. 22	130	2365
Knitted underwear	Carleton Dry Goods Company	66,206	Nov. 12	131	688
Knitted underwear. Men's	Frank Bros. & Co.	63,118	June 4	128	2081
Knitted woolen goods	J. Cunz	59,978	Jan. 22	126	1351
Knitting machinery and parts thereof	Tompkins Bros. Co.	59,076	Jan. 1	126	378
Knives and forks	Farwell, Ozmun, Kirk & Co.	65,209	Sept. 10	130	652
Knives, axes, hatchets, chisels, shears, and planes	Hammacher, Delius & Co.	59,028	Jan. 1	126	377
Knives, chisels, shears, scissors, and razors	Kny-Scheerer Company	65,359	Sept. 24	130	1303
Knives, forks, spoons, table-steels, nut-picks, &c.	Landers, Frary & Clark	60,330	Feb. 5	126	2183
Knives. Pocket-	Tom Ray Cutlery Company	61,455	Mar. 19	127	1250
Knives, razors, and scissors. Pen-	D. Peres	60,797	Feb. 19	126	3035
Knives, razors, and shears.	W. Pope	66,444	Nov. 26	131	1157
Knives, razors, and table-cutlery. Pocket-	Geo. Borgfeldt & Co.	65,212	Sept. 10	130	652
Knives, razors, forks, and scissors	Van Camp Hardware & Iron Company.	64,318	July 30	129	2071
Knives, razors, scissors, and shears.	M. Klaas	64,938	Aug. 27	129	3498
Knives, razors, scissors, and shears.	M. Klaas	64,939	Aug. 27	129	3498
Knives, razors, scissors, and shears. Pocket and table	Dunham, Carrigan & Hayden Co.	60,973	Feb. 26	126	3418
Knives, scissors, and razors. Pocket-	C. Lütters & Cie.	62,989	June 4	128	2078
Koji, moyashi, diastase, ferments, and converting agents.	J. Takamine	59,212	Jan. 1	126	382
Kümmel.	Schuster Co.	65,812	Oct. 22	130	2367
Kümmel or cordial	J. A. Gilka	60,231	Jan. 29	126	1771
Lace curtains	I. H. Hassall	60,554	Feb. 12	126	2583
Laces	Aitken, Son & Co.	64,185	July 30	129	2067
Laces	H. Herz	64,194	July 30	129	2068
Laces, lace nets, and curtains	Marshall Field & Company	64,142	July 23	129	1606
Laces. Shoe and corset.	F. W. Whitchee	65,133	Sept. 10	130	650
Lacquer or varnish.	Sherwin-Williams Co.	65,599	Oct. 8	130	1684
Lactobacilline ferment	Ferment Company	61,560	Mar. 26	127	1573
Lactobacilline ferment	Ferment Company	61,561	Mar. 26	127	1573
Ladders, step-ladders, and flagpoles. Wooden.	J. A. Weston	66,153	Nov. 12	131	686
Ladders. Wooden step-	E. M. Murray	66,392	Nov. 26	131	1156
Lamp and lantern globes	R. E. Dietz Company	59,642	Jan. 15	126	1056
Lamp and lantern globes	R. E. Dietz Company	60,172	Jan. 29	126	1770
Lamp and lantern globes	R. E. Dietz Company	60,173	Jan. 29	126	1770
Lamp and lantern globes	R. E. Dietz Company	63,423	June 18	128	2831
Lamp-burners and parts thereof	Bing Burner Co.	59,429	Jan. 8	126	750
Lamp burners. Kerosene-oil-	Manhattan Brass Co.	63,532	June 25	128	3282
Lamp-chimneys	O. O. Friedlaender	60,766	Feb. 19	126	3036
Lamp-chimneys	W. R. Noe	62,358	Apr. 30	127	3638
Lamp-glasses	Macbeth Evans Glass Co.	63,833	July 9	129	865
Lamp-glasses and globes	Macbeth-Evans Glass Company.	61,782	Apr. 2	127	1989
Lamp-glasses and globes	Macbeth-Evans Glass Company.	64,615	Aug. 13	129	2854
Lamp mantles. Incandescent-gas-	W. C. Scheu	59,964	Jan. 22	126	1351
Lamp parts and incandescent mantles	Lindsay Light Company	63,608	July 2	129	473
Lamp-shades. Decorative	Livernore & Knight Co.	64,790	Aug. 20	129	3156
Lamps and appliances and devices for mounting same. Incandescent electric	A. W. Beuttell	59,946	Jan. 22	126	1350
Lamps and lanterns and burners therefor. Oil-burning	R. E. Dietz Company	60,282	Feb. 5	126	2182
Lamps and lanterns. Oil-burning	R. E. Dietz Company	59,138	Jan. 1	126	380
Lamps and lanterns. Oil-burning tubular	R. E. Dietz Company	59,139	Jan. 1	126	380
Lamps and mantles. Certain	Best Light Company	62,392	May 7	128	449
Lamps and parts thereof. Oil-	Edward Miller & Co.	60,933	Feb. 26	126	3417
Lamps. Arc and incandescent electric	Toledo Railway & Light Company.	61,181	Mar. 5	127	389
Lamps. Automobile-	Manhattan Screw & Stamping Works.	64,897	Aug. 27	129	3497
Lamps. Automobile-	35% Automobile Supply Co.	65,839	Oct. 22	130	2368
Lamps. Electric	Gill Brothers Company	62,746	May 21	128	1288
Lamps. Electric-arc	F. Hamburger	61,418	Mar. 19	127	1249
Lamps. Electrical incandescent	Deutsche Gasglühlicht Aktien-gesellschaft (Auer-gesellschaft.)	59,325	Jan. 8	126	747
Lamps. Incandescent	Buckeye Electric Company	59,970	Jan. 22	126	1351
Lamps. Incandescent	Shelby Electric Company	59,975	Jan. 22	126	1351
Lamps. Incandescent	General Incandescent Lamp Company.	60,163	Jan. 29	126	1770
Lamps. Incandescent	Shelby Electric Company	60,569	Feb. 12	126	2584
Lamps. Incandescent	Eagle Lamp Company	61,417	Mar. 19	127	1249
Lamps. Incandescent	Eagle Lamp Company	61,443	Mar. 19	127	1250
Lamps. Incandescent	General Incandescent Lamp Company.	61,547	Mar. 26	127	1573
Lamps. Incandescent electric	Franklin Electric Mfg. Co.	61,322	Mar. 12	127	844
Lamps. Incandescent electric	Franklin Electric Mfg. Co.	61,508	Mar. 26	127	1572
Lamps. Incandescent electric	Franklin Electric Mfg. Co.	61,873	Apr. 9	127	2369
Lamps. Incandescent electric	Sunbeam Incandescent Lamp Company.	62,015	Apr. 16	127	2810
Lamps. Incandescent electric	Sweeten-Crossan Electric Company.	62,201	Apr. 23	127	3211
Lamps. Incandescent electric	Parker-Clark Electric Company	62,437	May 7	128	450
Lamps. Incandescent electric	Franklin Electric Mfg. Co.	63,996	July 16	129	1264
Lamps. Kerosene-oil	Manhattan Brass Co.	63,337	June 18	128	2829
Lamps of all kinds. Electric	Körting & Mathiesen Aktiengesellschaft.	66,219	Nov. 19	131	935
Lamps. Oil-burning	R. E. Dietz Company	63,507	June 25	128	3282

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Lamps. Oil-burning	C. T. Ham Manufacturing Company.	64,048	July 23	129	1603
Lamps. Oil-burning	C. T. Ham Manufacturing Company.	64,049	July 23	129	1603
Lamps. Oil-burning	C. T. Ham Manufacturing Company.	64,050	July 23	129	1603
Lamps. Oil-burning	R. E. Dietz Company	64,055	July 23	129	1604
Lamps. Oil-burning	C. T. Ham Manufacturing Company.	64,082	July 23	129	1604
Lamps. Oil-burning	C. T. Ham Manufacturing Company.	64,083	July 23	129	1604
Lamps. Oil-burning	C. T. Ham Manufacturing Company.	64,657	Aug. 20	129	3153
Lamps. Ornamental electric	Duffner & Kimberly Company ..	64,353	Aug. 6	129	2493
Lanterns. Oil-burning	C. T. Ham Manufacturing Company.	64,658	Aug. 20	129	3153
Lanterns. Oil-burning	R. E. Dietz Company	65,659	Oct. 15	130	2062
Lanterns. Oil-burning	R. E. Dietz Company	65,685	Oct. 15	130	2063
Lanterns. Oil-burning tubular hand	R. E. Dietz Company	63,341	June 18	128	2829
Lap-ropes	L. Dusenbury	61,923	Apr. 9	127	2390
Lard	Schwarzschild & Sulzberger Company.	60,284	Feb. 5	126	2182
Lard	Richmond Abattoir Co.	61,227	Mar. 12	127	841
Lard	John C. Roth Packing Co.	62,185	Apr. 23	127	3210
Lard	F. W. Wagener & Co.	64,564	Aug. 13	129	2853
Lard	H. Standish & Co.	64,612	Aug. 13	129	2854
Lard	National Packing Company ..	65,703	Oct. 15	130	2063
Lard	Charles Wolf Packing Company.	66,656	Dec. 17	131	1937
Lard compound	T. M. Sinclair & Co.	60,711	Feb. 19	126	3035
Lard compound	Schwarzschild and Sulzberger Company.	64,928	Aug. 27	129	3498
Lard compound	T. M. Sinclair & Co.	66,312	Nov. 19	131	937
Lard. Leaf	Parker, Webb & Co.	62,458	May 7	128	451
Lard substitute	Miner, Read & Garrette	62,042	Apr. 16	127	2811
Lard substitute	Cudahy Packing Company	64,962	Sept. 3	130	293
Lard substitute	Streett and Corkran Company ..	65,075	Sept. 3	130	296
Laundry appliances and machines. Certain	Domestic Manufacturing Co.	62,831	May 28	128	1682
Laundry appliances and machines. Certain	Kelley-How-Thomson Co.	63,397	June 18	128	2831
Lawns	Eddystone Manufacturing Company.	59,662	Jan. 15	126	1057
Laxative salts	Body Builders Medicine Co.	59,773	Jan. 15	126	1060
Laxative salts. Compound	Bubler Laboratory Company	60,623	Feb. 12	126	2585
Laxative tablets	J. Peterson	59,272	Jan. 1	126	384
Laxatives	Stearns & Curtius	63,203	June 11	128	2522
Lead and paint. White	J. Lucas & Co.	59,890	Jan. 22	126	1349
Lead and zinc. Combination of white	W. W. Lawrence & Company	61,475	Mar. 26	127	1571
Lead and zinc-white. White	S. H. French & Co.	62,833	May 28	128	1632
Lead. Hard	Cookson & Company	65,717	Oct. 22	130	2365
Lead in oil. White	Selby Smelting & Lead Co.	64,989	Sept. 3	130	294
Lead oxides	National Lead Company	62,785	May 28	128	1681
Lead. Pig-	Pieher Lead Company	59,961	Jan. 22	126	1351
Lead pigments	Pieher Lead Company	60,296	Feb. 5	126	2182
Lead pigments	Pieher Lead Company	60,297	Feb. 5	126	2183
Lead. Pure white	Eagle White Lead Co.	60,062	Jan. 29	126	1767
Lead. Pure white	Eagle White Lead Company	60,993	Feb. 26	126	3418
Lead. White	Carter White Lead Company	59,820	Jan. 22	126	1347
Lead. White	Brandram Bros. & Co.	59,914	Jan. 22	126	1349
Lead. White	W. W. Lawrence & Company	61,636	Apr. 2	127	1985
Lead. White	National Lead Company	62,136	Apr. 23	127	3209
Lead. White	R. Shoemaker & Co.	62,271	Apr. 30	127	3636
Leather	Thomas Bayley & Co.	59,502	Jan. 8	126	752
Leather	Pfister & Vogel Leather Company.	61,572	Mar. 26	127	1574
Leather	Pfister & Vogel Leather Company.	61,573	Mar. 26	127	1574
Leather	Pfister & Vogel Leather Company.	61,574	Mar. 26	127	1574
Leather	C. A. Schieren & Co.	61,577	Mar. 26	127	1574
Leather	Pfister & Vogel Leather Company.	61,974	Apr. 16	127	2809
Leather	F. Blumenthal & Co.	66,655	Dec. 17	131	1937
Leather and harness dressing and belt paste and syrup	Pure Oil Company	59,830	Jan. 22	126	1347
Leather and leather soles. Sole	Regal Shoe Company	60,563	Feb. 12	126	2584
Leather and products from the same. Sole	J. M. Delaney & Co.	59,660	Jan. 15	126	1057
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,872	Feb. 26	126	3415
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,873	Feb. 26	126	3415
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,874	Feb. 26	126	3415
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,875	Feb. 26	126	3415
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,876	Feb. 26	126	3415
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,877	Feb. 26	126	3415
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,878	Feb. 26	126	3415
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,879	Feb. 26	126	3415
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,880	Feb. 26	126	3415
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,881	Feb. 26	126	3415
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,882	Feb. 26	126	3415
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,883	Feb. 26	126	3415
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,884	Feb. 26	126	3415
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,885	Feb. 26	126	3416
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,886	Feb. 26	126	3416
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,887	Feb. 26	126	3416
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,888	Feb. 26	126	3416
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,889	Feb. 26	126	3416
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	60,890	Feb. 26	126	3416
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	61,397	Mar. 19	127	1248
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	62,961	June 4	128	2077
Leather and shoe blackings, paste, polish, and varnish	S. M. Bixby & Co.	62,962	June 4	128	2077

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Leather. Artificial	Boston Artificial Leather Com-	66,093	Nov. 12	131	685
Leather blacking and dressing	F. E. Fennessy	59,162	Jan. 1	126	381
Leather blacking and dressing	F. E. Fennessy	59,249	Jan. 1	126	383
Leather blackings and dressings	Citizens' Wholesale Supply Co.	61,496	Mar. 26	127	1572
Leather. Certain	C. T. Wilt	63,136	June 4	128	2082
Leather cleaning, preserving, and polishing polishes	E. H. Brown	64,255	July 30	129	2069
Leather-dressing	Regal Shoe Company	60,564	Feb. 12	126	2584
Leather-dressing	Regal Shoe Company	60,565	Feb. 12	126	2584
Leather-dressings	Frank Miller Co.	61,818	Apr. 9	127	2387
Leather-dressings	Whittemore Brothers and Com-	64,690	Aug. 20	129	3154
Leather dressings, blackings, and polishes	Parker Holmes and Company	62,959	June 4	128	2077
Leather, except patent calf-leather. Calf-	G. F. Werner's Sons	60,967	Feb. 26	126	3418
Leather fobs	Weiss M'fg. Co.	61,463	Mar. 19	127	1250
Leather fobs, match-cases, and pocket-books	Weiss M'fg. Co.	61,578	Mar. 26	127	1574
Leather for boots and shoes, saddlery, and bookbinding	L. Agoos	60,350	Feb. 5	126	2183
Leather for shoes. Upper-	H. Loewenstein	60,345	Feb. 5	126	2182
Leather goods. Certain	J. B. Brooks & Co.	64,051	July 23	129	1603
Leather goods. Certain	Daimler-Motoren-Gesellschaft	65,437	Sept. 24	130	1305
Leather hand-bags and reticules	Robbins & Prokesch	64,970	Sept. 3	130	293
Leather. Harness-	C. F. Pauli & Son	59,640	Jan. 15	126	1056
Leather. Harness-	C. F. Pauli & Son	60,815	Feb. 19	126	3038
Leather. Harness-	A. Trostel & Sons	60,988	Feb. 26	126	3418
Leather. Imitation	British Pluviusin Company	61,696	Apr. 2	127	1987
Leather. Lace-	American Lace Leather Co.	61,526	Mar. 26	127	1572
Leather manufactures. Certain	Gray & Dudley Hardware Co.	59,608	Jan. 15	126	1055
Leather manufactures. Certain	E. F. Houghton & Co.	60,923	Feb. 26	126	3416
Leather manufactures. Certain	J. J. Pigott	61,975	Apr. 16	127	2809
Leather manufactures. Certain	Mark Cross Company	62,233	Apr. 23	127	3212
Leather manufactures. Certain	R. W. Owen, Sr.	64,796	Aug. 20	129	3156
Leather manufactures. Certain	Frank Payne Company	64,964	Sept. 3	130	293
Leather manufactures. Certain	Frank Payne Company	65,156	Sept. 10	130	650
Leather. Oils and greases for stuffing and finishing	Sterling Oil Company	64,179	July 30	129	2067
Leather. Oils, greases, and waxes for	Vacuum Oil Company	62,124	Apr. 16	127	2813
Leather or canvas articles. Dressing for	Raven Gloss Mfg. Co.	64,530	Aug. 13	129	2852
Leather or canvas articles. Dressing for	Raven Gloss Mfg. Co.	64,531	Aug. 13	129	2852
Leather. Paste for filling defects in	H. C. Bee	59,734	Jan. 15	126	1058
Leather. Patent calf-	Henry Lang Company	60,753	Feb. 19	126	3036
Leather. Patent side	Seton Leather Co.	62,368	Apr. 30	127	3638
Leather-polish	Whittemore Brothers and Com-	64,538	Aug. 13	129	2852
Leather. Sheep and goat	A. B. Clark Company	59,092	Jan. 1	126	379
Leather. Sheep, goat, calf, and kid	A. B. Clark Co.	59,459	Jan. 8	126	751
Leather. Shoe-	C. E. Lappe	62,133	Apr. 23	127	3209
Leather. Shoe and glove	Surpass Leather Co.	59,625	Jan. 15	126	1056
Leather. Shoe, harness, and glove	A. Trostel & Sons	60,818	Feb. 19	126	3038
Leather. Substance for use in the manufacture of	Nowak Manufacturing Company	60,726	Feb. 19	126	3035
Leathers. Tanned heavy	S. H. Frank & Co.	60,760	Feb. 19	126	3036
Lecithin preparation	Armour & Company	60,824	Feb. 19	126	3038
Ledgers	Lefebure Ledger Company	64,002	July 16	129	1264
Ledgers. Loose-leaf	F. W. Briggs	59,093	Jan. 1	126	379
Ledgers. Loose-leaf	Marshall-Jackson Company	59,261	Jan. 1	126	383
Leggings	H. Jacob & Sons	61,483	Mar. 26	127	1571
Leggings	H. Jacob & Sons	61,755	Apr. 2	127	1988
Leggings made from textile fabric	S. Rauh & Company	65,072	Sept. 3	130	296
Leggings made from textile fabric	S. Rauh & Company	65,073	Sept. 3	130	296
Lenses	F. A. Hardy and Company	63,701	July 2	129	475
Lenses	F. A. Hardy and Company	63,702	July 2	129	475
Lenses	F. A. Hardy and Company	63,703	July 2	129	475
Lenses	F. A. Hardy and Company	63,720	July 2	129	476
Lenses	F. A. Hardy and Company	63,721	July 2	129	476
Lenses	F. A. Hardy and Company	63,722	July 2	129	476
Lenses. Bifocal	Optical Specialties Company	66,222	Nov. 19	131	935
Licorice and licorice paste	MacAndrews & Forbes Company	60,000	Jan. 22	126	1352
Licorice paste	D. V. Arguimbau	62,875	May 28	128	1683
Lighting apparatus. Certain	Sign of the Hammer Co.	65,457	Sept. 24	130	1306
Lighting-fixtures. Certain	Cleveland Gas & Electric Fixture Company	62,105	Apr. 16	127	2812
Lights. Float-	J. G. Bayer	64,331	Aug. 6	129	2493
Lightning-rods	St. Louis Lightning Rod Co.	60,575	Feb. 12	126	2584
Lime	Rogers White Lime Company	63,536	June 25	128	3283
Lime	Rogers White Lime Company	63,537	June 25	128	3283
Lime. Prepared agricultural	A. S. Lee & Sons Company	60,635	Feb. 19	126	3033
Linen, cotton and linen, and cotton piece goods	Marshall Field & Company	64,791	Aug. 20	129	3156
Linen fiber. Articles made of molded	Crane Bros.	64,333	Aug. 6	129	2493
Linen goods. Certain	Dayton Dry Goods Co.	59,631	Jan. 15	126	1056
Linen goods. Certain	L. F. Keller	62,006	Apr. 16	127	2810
Liniment	Garfield Tea Co.	59,225	Jan. 1	126	382
Liniment	J. Moore	59,266	Jan. 1	126	383
Liniment	C. W. Massie	61,186	Mar. 5	127	389
Liniment	J. C. Mills	61,447	Mar. 19	127	1250
Liniment	M. K. Schilling	63,586	June 25	128	3284
Liniment	Dr. Peter Fahrney & Sons Co.	64,103	July 23	129	1605
Liniment	Dr. Peter Fahrney & Sons Co.	64,105	July 23	129	1605
Liniment	Dr. Peter Fahrney & Sons Co.	64,106	July 23	129	1605
Liniment	Dr. Peter Fahrney & Sons Co.	64,107	July 23	129	1605
Liniment	Dr. Peter Fahrney & Sons Co.	64,472	Aug. 6	129	2497
Liniment	H. Blunt	64,641	Aug. 13	129	2855
Liniment	W. H. Patterson	64,684	Aug. 20	129	3154
Liniment	W. H. Maple	64,879	Aug. 27	129	3496
Liniment	T. G. Castor	65,852	Oct. 29	130	2713
Liniment	J. D. Shuler	65,964	Nov. 5	131	353
Liniment, alterative, and antibilious bitters	Erso Proprietary Company	64,643	Aug. 13	129	2855
Liniment and lotions	Rosen & Bergner Co.	59,563	Jan. 8	126	754
Liniment and medicines for catarrh, hay-fever, and deafness	Kane Chemical Company	66,748	Dec. 24	131	2141

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Liniment and salve	A. W. Lowrie	60,415	Feb. 5	126	2185
Liniment for external use	J. Barnes	59,553	Jan. 8	126	753
Liniment or counter-irritant	Dr. D. Jayne & Son	59,782	Jan. 15	126	1060
Liniments	Oino Liniment Co.	61,713	Apr. 2	127	1987
Liniments	F. P. Douglas	62,601	May 14	128	881
Liniments	Holden Drug Co.	62,983	June 4	128	2078
Linoleum	Catesby & Sons	65,751	Oct. 22	130	2366
Linoleum, oil-cloth, &c. Varnish-like preservative for	G. H. Baker	60,250	Feb. 5	126	2181
Linoleum, oil-cloth, &c. Varnish-like preservative for	G. N. Baker	61,464	Mar. 26	127	1571
Liqueur	Schaltin & Cie.	59,051	Jan. 1	126	378
Liqueurs	E. Ciaburri & Fli	66,486	Dec. 3	131	1417
Liquid-separating machines. Centrifugal	Empire Cream Separator Co.	59,351	Jan. 8	126	748
Liquid-separating machines. Centrifugal	Empire Cream Separator Company.	65,043	Sept. 3	130	295
Liquid-separators and parts therefor. Centrifugal	Aktiebolaget Salenius' Werkstäder.	59,591	Jan. 15	126	1055
Liquid tooth-cleansing compound	T. M. Childs	65,958	Nov. 5	131	353
Liquor and tobacco cure	W. C. Cutler	64,630	Aug. 13	129	2854
Liquor. Apricot	J. & A. Freiberg	62,329	Apr. 30	127	3637
Lock and keys	Yale & Towne Mfg. Co.	63,654	July 2	129	474
Locks	Yale & Towne Mfg. Co.	65,108	Sept. 10	130	649
Locks and keys	Smith & Egge Mfg. Co.	66,816	Dec. 31	131	2412
Locks and parts thereof and keys therefor	Yale & Towne Mfg. Co.	61,834	Apr. 9	127	2388
Locks and parts thereof and keys therefor	Yale & Towne Mfg. Co.	61,837	Apr. 9	127	2388
Locks and parts thereof and keys therefor	Yale & Towne Mfg. Co.	61,838	Apr. 9	127	2388
Locks, night-latches, and padlocks. Cylinder	Russell & Erwin Manufacturing Company.	60,566	Feb. 12	126	2584
Locks. Pad, trunk, cabinet, and door	Eagle Lock Co.	61,391	Mar. 19	127	1248
Locketts, brooches, and badges	Cyclists' Touring Club	60,226	Jan. 29	126	1771
Lotion	J. M. Burdick	62,919	May 28	128	1685
Lotion for scalds and burns	E. W. Shryer	60,614	Feb. 12	126	258
Lotions	C. W. Davis	61,415	Mar. 19	127	1249
Lotions. Face	Healaletts Chemical Co.	61,253	Mar. 12	127	8425
Lubricants and lubricant-stock. Cylinder	Fred. G. Clark Company	59,438	Jan. 8	126	750
Lubricants and lubricant-stock. Cylinder	Fred. G. Clark Company	59,439	Jan. 8	126	750
Lubricants. Certain	United States Graphite Company.	61,816	Apr. 9	127	2387
Lubricants. Certain	Wadhams Oil Company	63,888	July 9	129	867
Lubricants. Certain graphite	United States Graphite Company.	63,542	June 25	128	3283
Lubricating compounds	F. M. Linderman	64,171	July 30	129	2067
Lubricators	Lunkenheimer Company	63,034	June 4	128	2079
Lubricators	Lunkenheimer Company	63,035	June 4	128	2079
Lumber and timber	C. Este	61,843	Apr. 9	127	2388
Lumber. Rough and dressed	J. M. Card Lumber Co.	65,887	Oct. 29	130	2714
Lye and washing-soda	Cudahy Packing Co.	64,629	Aug. 13	129	2854
Macaroni	A. Musica	61,353	Mar. 19	127	1247
Macaroni	S. Rocca	63,714	July 2	129	476
Macaroni	C. F. Mueller Co.	63,975	July 16	129	1263
Macaroni	G. G. Greco	66,295	Nov. 19	131	937
Macaroni and vermicelli	Liberty Maccheroni Mfg. Co.	65,534	Oct. 8	130	1682
Macaroni, spaghetti, and wheat-flour	Waples-Platter Grocer Company	65,847	Oct. 22	130	2368
Machetes and tercados	Collins Company	63,015	June 4	128	2079
Machetes and tercados	Collins Company	63,016	June 4	128	2079
Machetes and tercados	Collins Company	63,017	June 4	128	2079
Machinery and parts thereof. Certain	Chandler & Taylor Company	61,149	Mar. 5	127	388
Machinery and parts thereof. Certain	Taylor Iron & Steel Co.	61,314	Mar. 12	127	843
Machinery and parts thereof. Certain	Link-Belt Company	63,609	July 2	129	473
Machinery and parts thereof. Certain	Taylor, Stiles & Company	63,869	July 9	129	866
Machinery. Certain	Defiance Machine Works	61,150	Mar. 5	127	388
Machinery. Certain	Société Anonyme de Fondations par Compression Mecanique du Sol.	61,998	Apr. 16	127	2809
Machinery. Certain	Newton Machine Tool Works	62,316	Apr. 30	127	3637
Machinery. Certain	T. W. Pangborn Company	62,581	May 14	128	881
Machinery. Certain	Organ Power Corporation	62,801	May 28	128	1681
Machinery. Certain	Organ Power Corporation	62,816	May 28	128	1682
Machinery. Certain	Gould & Eberhardt	65,049	Sept. 3	130	295
Machinery. Certain	Climax Patents Limited	65,352	Sept. 24	130	1303
Machinery. Certain	Daimler Motoren-Gesellschaft	65,353	Sept. 24	130	1303
Machinery. Certain	G. S. Harwood & Son	65,609	Oct. 8	130	1684
Machinery. Certain	S. C. Davidson	66,042	Nov. 5	131	355
Machinery. Certain	R. Kron	66,607	Dec. 17	131	1935
Machinery. Certain named parts of	Railway Steel-Spring Company	60,368	Feb. 5	126	2184
Machinery. Certain parts of	Railway Steel-Spring Company	59,361	Jan. 8	126	748
Machinery. Certain parts of	Sanderson Brothers & Newbould	64,021	July 16	129	1264
Machinery. Certain parts of	E. L. Megill	64,744	Aug. 20	129	3155
Machinery. Certain parts of	Jno. Hy. Andrew & Co.	65,611	Oct. 8	130	1685
Machinery parts. Certain	Latrobe Steel and Coupler Company.	60,536	Feb. 12	126	2583
Machines. Certain named	Enterprise Manufacturing Company.	59,023	Jan. 1	126	377
Machines. Certain named	Toledo Machine & Tool Co.	59,147	Jan. 1	126	380
Machines. Certain named	Cleveland Punch and Shear Works Co.	59,400	Jan. 8	126	749
Magazine	Construction News Company	59,821	Jan. 22	126	1347
Magazine	American Contractor Publishing Company.	60,468	Feb. 12	126	2581
Magazine	A. Capper	60,470	Feb. 12	126	2581
Magazine	Porter, Taylor & Co.	60,488	Feb. 12	126	2582
Magazine	R. R. Fisher	65,226	Sept. 10	130	652
Magazine	Grafton Press	66,082	Nov. 5	131	355
Magazine	International Sunshine Society	66,666	Dec. 17	131	1937
Magazine	Industry Publishing Company	66,863	Dec. 31	131	2413
Magazine. Ladies' fashion	Elite Styles Company	64,028	July 23	129	1603
Magazine. Monthly	J. R. Dunlap	59,469	Jan. 8	126	751

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Magazine. Monthly	Century Co.	60,423	Feb. 5	126	2185
Magazine. Monthly	F. H. Chase	60,450	Feb. 12	126	2581
Magazine. Monthly	L. Darbyshire	60,452	Feb. 12	126	2581
Magazine. Monthly	National Sportsman	61,410	Mar. 19	127	1249
Magazine. Monthly	A. D. Hosterman	61,420	Mar. 19	127	1249
Magazine. Monthly	Bench and Bar Company	63,516	June 25	128	3282
Magazine. Monthly	Sportsman Publishing Co.	63,716	July 2	129	476
Magazine. Monthly	Albaugh Bros., Dover & Co.	63,950	July 16	129	1262
Magazine. Monthly	Illinois Humane Society	65,331	Sept. 17	130	973
Magazine. Monthly	Sporting Goods Publishing Company.	66,460	Nov. 26	131	1158
Magazine. Monthly	System Company	66,775	Dec. 24	131	2141
Magazine or periodical	F. O. Balch	60,184	Jan. 29	126	1770
Magazine or periodical	W. G. Bohannon Company	63,463	June 18	128	2832
Magazine. Weekly	Chicago Horseman Newspaper Company.	63,094	June 4	128	2081
Magazine. Weekly	Class Journal Co.	66,501	Dec. 10	131	1681
Magazines	Black Diamond Co.	59,154	Jan. 1	126	380
Magazines	Sterling Electric Co.	61,743	Apr. 2	127	1988
Magazines	Business Man's Publishing Company	62,935	May 28	128	1685
Magazines	J. Willy	63,403	June 18	128	2831
Magazines	Crane Company	64,027	July 23	129	1603
Magazines	Scientific Station for Pure Products.	64,947	Aug. 27	129	3498
Magazines	Scientific Station for Pure Products.	64,971	Sept. 3	130	293
Magazines	Hale Publishing Company	65,318	Sept. 17	130	973
Magazines	F. H. Pearson	65,323	Sept. 17	130	973
Magazines	Walter A. Johnson & Co.	65,777	Oct. 22	130	2366
Magazines	R. R. Fisher	66,073	Nov. 5	131	356
Magazines and pamphlets	Globe Machine and Stamping Company.	62,747	May 21	128	1288
Magazines and periodicals	Short Stories Company	63,899	July 16	129	1261
Magazines. Monthly	E. Hubbard	59,610	Jan. 15	126	1055
Magazines. Monthly	J. A. McGuire	64,366	Aug. 6	129	2494
Magazines. Monthly	J. F. McNamee	65,233	Sept. 10	130	652
Magazines. Monthly	International Union of Steam Engineers.	65,795	Oct. 22	130	2367
Magnetos	Robert Bosch, New York	61,176	Mar. 5	127	388
Magnetos	Bridgeport Specialty Company	61,506	Mar. 26	127	1572
Magnetos	Bridgeport Specialty Company	61,538	Mar. 26	127	1573
Magnetos	Lavalette & Co.	64,035	July 23	129	1603
Malines and netted fabrics	Benedictus, Well & Company	63,042	June 4	128	2079
Malt and hops. Compound of	F. M. Doyle	66,070	Nov. 5	131	356
Malt and hops. Extract of	Malthopine Manufacturing Company.	65,679	Oct. 15	130	2062
Malt extract	Paragon Malt Extract Co.	59,926	Jan. 22	126	1349
Malt extract	Fred Krug Brewing Company	60,212	Jan. 29	126	1771
Malt extract	Ebling Brewing Co.	60,919	Feb. 26	126	3416
Malt extract	S. Liebmans Sons Brewing Company.	61,002	Feb. 26	126	3419
Malt extract	Ebling Brewing Co.	61,597	Mar. 26	127	1514
Malt extract	Malt-Diastase Company	61,995	Apr. 16	127	2809
Malt extract	Fortune Bros. Brewing Company.	62,196	Apr. 23	127	3211
Malt extract	M. K. Goetz Brewing Co.	62,540	May 14	128	880
Malt extract	New Orleans Brewing Company	64,148	July 23	129	1606
Malt extract	Paragon Malt Extract Co.	66,085	Nov. 5	131	356
Malt extract for making bread	Erste Wiener Export Malzfabrik Hauser & Sobotka.	64,590	Aug. 13	129	2853
Malt extracts	Paragon Malt Extract Co.	59,791	Jan. 15	126	1060
Malt extracts	Paragon Malt Extract Co.	61,117	Mar. 5	127	387
Malt preparation	Erste Wiener Export-Malzfabrik Hauser & Sobotka.	60,472	Feb. 12	126	2581
Malt preparations. Certain	Borchardt Malt Extract Company.	60,422	Feb. 5	126	2185
Malt preparations. Certain	Borchardt Malt Extract Company.	64,467	Aug. 6	129	2496
Malt preparations. Certain	J. B. Weyermann	66,433	Nov. 26	131	1157
Malt size for thread and yarns	Erste Wiener Export Malzfabrik Hauser & Sobotka.	64,546	Aug. 13	129	2852
Mangles	American Wringer Company	66,120	Nov. 12	131	685
Maps, charts, &c	Atlas School Supply Co.	63,693	July 2	129	475
Maraschino cherries	A. Breslauer Company	59,900	Jan. 22	126	1349
Masonry materials. Certain	Standard Asphalt and Rubber Company.	63,540	June 25	128	3283
Masonry materials. Certain	Asbestine Stone Co.	64,828	Aug. 27	129	3495
Masonry materials. Certain	H. H. Symmes Co.	65,441	Sept. 24	130	1305
Massage and vibration instruments	J. E. Garratt	62,396	May 7	128	449
Massage-machines	Moon Vibrator Company	66,251	Nov. 19	131	936
Mast-arms for the support of lamps	George Cutter Co.	62,292	Apr. 30	127	3636
Matches	Ohio Match Company	61,985	Apr. 16	127	2809
Matches	Ohio Match Company	61,986	Apr. 16	127	2809
Matches	Ohio Match Company	61,987	Apr. 16	127	2809
Matches	Jönköpings och Vulcans Tändsticksfabriksaktiebolag.	62,155	Apr. 23	127	3210
Matches	Illinois Match Company	63,143	June 11	128	2521
Matches	E. H. Wagner	64,247	July 30	129	2069
Matches	E. H. Wagner	64,248	July 30	129	2069
Matches	E. H. Wagner	64,249	July 30	129	2069
Matches	E. H. Wagner	64,867	Aug. 27	129	3496
Matches	Jönköpings och Vulcans Tändsticksfabriksaktiebolag.	66,024	Nov. 5	131	354
Matches. Friction-	Union Match Company	61,518	Mar. 26	127	1572
Matches. Friction-	Union Match Co.	63,149	June 11	128	2521

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Title.	Name.	No.	Date.	Official Gazette.	
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Matches. Safety-.....	Jönköpings och Vulcans Tändsticksfabriksaktiebolag.	62,726	May 21	128	1287
Matches. Safety-.....	Jönköpings och Vulcans Tändsticksfabriksaktiebolag.	62,727	May 21	128	1287
Maternity outfits	Remsen Manufacturing Company.	61,202	Mar. 5	127	389
Matting	Atkinson, Mentzer & Grover.....	61,477	Mar. 26	127	1571
Mattresses	E. K. Jacobs	59,106	Jan. 1	126	379
Mattresses	Southern Cotton Oil Company.....	61,001	Feb. 26	126	3419
Mattresses	Southern Cotton Oil Company.....	64,804	Aug. 20	129	3157
Mattresses	Southern Cotton Oil Company.....	65,893	Oct. 29	130	2714
Mattresses. Felt	Jones Dry Goods Co.	65,529	Oct. 8	130	1682
Meal, flour, and cereal breakfast food	Ralston Purina Co.	61,057	Mar. 5	127	385
Measuring and scientific apparatus, appliances, and instruments. Certain	Technical Supply Company.....	59,832	Jan. 22	126	1347
Measuring and scientific apparatus, appliances, and instruments. Certain	Oelschlaeger Bros.	61,340	Mar. 19	127	1247
Measuring instruments. Certain	Sarco Fuel Saving & Engineering Co.	63,202	June 11	128	2522
Measuring instruments. Certain	Victor Electric & Manufacturing Co.	63,916	July 16	129	1261
Measuring instruments. Certain	Stanley Rule & Level Company ..	66,675	Dec. 17	131	1937
Meat extracts and essences	Bovril Limited	63,090	June 4	128	2081
Meat-preservative	B. Heller & Co.	63,274	June 11	128	2524
Meats and sausages. Cured.....	Kingan and Company	66,686	Dec. 24	131	2139
Meats. Cured.....	Kingan and Company	66,701	Dec. 24	131	2139
Meats. Cured and salted	Kingan and Company	66,699	Dec. 24	131	2139
Meats. Cured and salted	Kingan and Company	66,700	Dec. 24	131	2139
Meats. Cured, smoked, and canned	Cudahy Packing Company	59,098	Jan. 1	126	379
Meats. Cured, smoked, and sweet-pickled	Cudahy Packing Company	61,221	Mar. 12	127	841
Meats. Fresh	New York Butchers Dressed Meat Company.	60,685	Feb. 19	126	3034
Meats. Fresh	New York Butchers Dressed Meat Company.	60,863	Feb. 26	126	3415
Meats. Fresh, smoked, and cured	Charles Roesch and Sons Company.	61,595	Mar. 26	127	1574
Meats. Fresh, smoked, and cured	Charles Roesch and Sons Company.	64,321	July 30	129	2071
Meats lard, and sausages. Cured, cooked, canned, and salted	Kingan and Company	66,687	Dec. 24	131	2139
Meats, lard, and sausage. Cured, dressed, cooked, and canned	Coffin-Fletcher Packing Co.	64,775	Aug. 20	129	3156
Meats, lard, lard substitutes, and unctuous food substances	Schwarzschild and Sulzberger Company.	61,045	Mar. 5	127	385
Meats. Preserved and canned	Gordon & Dilworth	59,308	Jan. 8	126	747
Meats. Smoked	F. Wolferman	60,712	Feb. 19	126	3035
Meats. Smoked	J. J. Pater	60,864	Feb. 26	126	3415
Meats. Smoked and salt	Kingan & Company	65,700	Oct. 15	130	2063
Meats. Sugar-cured	Tennessee Packing & Provision Co.	63,296	June 11	128	2525
Medical and surgical apparatus, appliances, and instruments	Kny-Scheerer Company	61,298	Mar. 12	127	843
Medical and surgical appliances. Certain	W. Read & Sons	61,846	Apr. 9	127	2388
Medical and surgical appliances. Certain	Pacific Coast Rubber Co.	64,070	July 23	129	1604
Medical and surgical appliances and instruments.....	B. F. Goodrich Company.....	66,653	Dec. 17	131	1937
Medical compound. Certain	R. Schiffmann Company	62,459	May 7	128	451
Medical compound for a scalp-cleaner, dandruff cure, and hair vigor	N. Edmonds	60,227	Jan. 29	126	1771
Medical compound for the cure of epilepsy	J. H. Brownlee	65,289	Sept. 17	130	972
Medical compounds. Censers, vaporizers, and volatilizers for	Vapor-Cresolene Company.....	64,246	July 30	129	2069
Medical compounds. Certain	Kaline Company	61,707	Apr. 2	127	1987
Medical compounds for stomach and bowel disorders	G. Hansell	63,273	June 11	128	2524
Medical compounds. Liquid	Dr. Kirby Medicine Company	64,874	Aug. 27	129	3496
Medical preparation	Knoll & Co.	61,255	Mar. 12	127	842
Medical preparation. Certain	H. G. Thompson	62,081	Apr. 16	127	2812
Medical preparation for diseases of infants and children	G. Hanson	62,903	May 28	128	1684
Medical preparations. Certain	Walther Manufacturing Co.	61,793	Apr. 2	127	1989
Medical preparations for the skin	Boots Pure Drug Company	62,681	May 21	128	1286
Medical tonic, preparation of beef, wine, and iron	Weaver's Pharmacy	62,440	May 7	128	450
Medicated and antiseptic pads	F. A. Steele	66,774	Dec. 24	131	2141
Medicated lozenges	G. I. Hudson	65,021	Sept. 3	130	294
Medicated plasters	O. H. Jadwin	60,839	Feb. 19	126	3038
Medicated preparation for the hair, scalp, and skin	Barclay & Barclay	60,825	Feb. 19	126	3038
Medicated salt brick for live stock	Blackman Stock Remedy Co.	62,467	May 7	128	451
Medicated stock food	S. K. Strickler	59,990	Jan. 22	126	1351
Medicated stock food	C. H. Wintersteen	63,990	July 16	129	1263
Medicated stock food	F. J. Taylor	64,478	Aug. 6	129	2497
Medicated stock foods	Dr. Hess & Clark	62,311	Apr. 30	127	3637
Medicated suppositories	K S C Medical Co.	61,032	Feb. 26	126	3419
Medicated tablets for baths	W. Sedlitzky	61,279	Mar. 12	127	842
Medicated tonic and invigorator for poultry	Shenadoah Poultry Food Co.	59,277	Jan. 1	126	384
Medicated wines	H. S. Wellcome	64,465	Aug. 6	129	2496
Mediator or inhaler	Ramey Mediator Company	66,254	Nov. 19	131	936
Medicinal and surgical lubricants	Parmele Pharmaceutical Company ..	59,168	Jan. 1	126	381
Medicinal and toilet preparations. Certain	Colgate & Co.	60,595	Feb. 12	126	2585
Medicinal and toilet preparations. Certain	G. B. Curtis	63,193	June 11	128	2522
Medicinal and toilet preparations. Certain named	Barclay & Barclay	61,232	Mar. 12	127	841
Medicinal bitters	A. Spiegel Co.	63,794	July 9	129	864
Medicinal compound	Mountain Iron Mineral Co.	61,671	Apr. 2	127	1986
Medicinal compound	G. E. Fairbanks	63,068	June 4	128	2080
Medicinal compound	Walter L. Smith Drug Co.	65,746	Oct. 22	130	2368
Medicinal compound. Certain	Standard Medicine Co.	64,154	July 23	129	1606
Medicinal compound. Certain	J. Baker	64,253	July 30	129	2069
Medicinal compound. Certain	O. C. Bowers	64,656	Aug. 20	129	3153
Medicinal compound for external use	Chemische Fabrik vormals Sandoz.	60,788	Feb. 19	126	3037
Medicinal compounds. Certain	Kargon Extracting Co.	61,012	Feb. 26	126	3419
Medicinal compounds. Certain	Knoll & Co.	61,165	Mar. 5	127	388
Medicinal compounds. Certain	Dr. D. Jayne & Son	61,667	Apr. 2	127	1986

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Medicinal compounds. Certain	W. E. Lewis	64,261	July 30	129	2069
Medicinal digestive preparations	H. S. Wellcome	61,966	Apr. 9	127	2391
Medicinal elixir. Aromatic	Hawes Chemical Company	66,744	Dec. 24	131	2141
Medicinal malt extracts	Paragon Malt Extract Co.	59,766	Jan. 15	126	1059
Medicinal malt preparations	Borchardt Malt Extract Company.	64,481	Aug. 6	129	2497
Medicinal oil	C. D. Tilly	59,282	Jan. 1	126	3842
Medicinal oil	Stallman & Fulton Company	62,079	Apr. 16	127	2812
Medicinal oil	Stallman & Fulton Company	63,293	June 11	128	2525
Medicinal ointment or lotion	C. J. Sindelar	63,449	June 18	128	2832
Medicinal paste	S. I. Henderson	62,617	May 14	128	882
Medicinal pastes and ointments	John Wyeth and Brother	61,734	Apr. 2	127	1988
Medicinal pencils or cones	John Wyeth and Brother	62,985	June 4	128	2078
Medicinal plaster	St. Jacobs Oil, Limited	60,002	Jan. 22	126	1352
Medicinal powder	M. C. Carr	64,642	Aug. 13	129	2855
Medicinal powders for live stock	L. Chambers	65,623	Oct. 15	130	2061
Medicinal preparation	Tilden Company	59,299	Jan. 1	126	384
Medicinal preparation	J. T. Milliken	60,165	Jan. 29	126	1770
Medicinal preparation	M. J. Dow	61,768	Apr. 2	127	1988
Medicinal preparation. Certain	Jno. M. Scott & Co.	59,784	Jan. 15	126	1060
Medicinal preparation. Certain	H. B. Waltermann	60,819	Feb. 19	126	3038
Medicinal preparation. Certain	Criswell Chemical Company	60,833	Feb. 19	126	3038
Medicinal preparation. Certain	J. T. Coombs	61,274	Mar. 12	127	842
Medicinal preparation. Certain	B. O. Lamphear	61,300	Mar. 12	127	843
Medicinal preparation. Certain	Radway & Company	61,955	Apr. 9	127	2391
Medicinal preparation. Certain	F. Stohr	61,960	Apr. 9	127	2391
Medicinal preparation. Certain	Medical Food Company	62,075	Apr. 16	127	2811
Medicinal preparation. Certain	Shirey & Brown	64,292	July 30	129	2070
Medicinal preparation. Certain	Sapa Chemical Co.	66,753	Dec. 24	131	2141
Medicinal preparation. Certain named	E. M. J. Mahr	59,787	Jan. 15	126	1060
Medicinal preparation for coughs, colds, and croup	T. W. Larwill	61,756	Apr. 2	127	1988
Medicinal preparation for purifying and treating the blood	McKesson & Robbins	59,757	Jan. 15	126	1059
Medicinal preparation for purifying the blood	Yerba Yutu Remedy Company	66,114	Nov. 12	131	685
Medicinal preparation for the treatment of abscesses	E. Reyer	64,291	July 30	129	2070
Medicinal preparation in liquid, salve, or cream form	M. E. Pease	62,730	May 21	128	1287
Medicinal preparations. Certain	W. R. Warner & Co.	59,771	Jan. 15	126	1059
Medicinal preparations. Certain	Dr. J. F. True & Co.	60,791	Feb. 19	126	3037
Medicinal preparations. Certain	Eli Lilly & Company	61,924	Apr. 9	127	2390
Medicinal preparations. Certain	J. F. Fairchild	61,925	Apr. 9	127	2390
Medicinal preparations. Certain	E. D. Sutton	61,961	Apr. 9	127	2391
Medicinal preparations. Certain	Actien-Gesellschaft für Anilin-Fabrikation.	62,034	Apr. 16	127	2810
Medicinal preparations. Certain	J. W. James Co.	62,055	Apr. 16	127	2811
Medicinal preparations. Certain	John Wyeth and Brother	63,075	June 4	128	2080
Medicinal preparations. Certain	Bloomington Bros.	65,732	Oct. 22	130	2365
Medicinal preparations. Certain	Silver Suds Manufacturing Company.	66,429	Nov. 26	131	1157
Medicinal preparations for certain diseases	H. E. Bucklen & Company	63,444	June 18	128	2832
Medicinal preparations for the relief of toothache	L. D. Pierce	61,277	Mar. 12	127	842
Medicinal preparations for the skin	Actien-Gesellschaft für Anilin-Fabrikation.	62,033	Apr. 16	127	2810
Medicinal product. Certain	Hilaire et Cie	61,009	Feb. 26	126	3419
Medicinal remedies for the eyes	T. E. McPherson & Co.	61,187	Mar. 5	127	389
Medicinal remedy	M. J. Breitenbach	60,594	Feb. 12	126	2585
Medicinal salts	Physicians Supply Co.	66,375	Nov. 26	131	1155
Medicinal solution of iron-chlorid	John Wyeth and Brother	62,984	June 4	128	2078
Medicinal sulfonic acids, &c.	Ichthyol Gesellschaft Cordes, Hermann & Co.	62,602	May 14	128	881
Medicinal sulfonic acids, &c.	Ichthyol Gesellschaft Cordes, Hermann & Co.	62,603	May 14	128	881
Medicinal suppository	W. Smith	65,234	Sept. 10	130	652
Medicinal tablets	J. T. Butler	66,263	Nov. 19	131	936
Medicinal tonic for anemic conditions	Herff & Wilding	65,557	Oct. 8	130	1683
Medicinal vehicle or carrier in fluid form	John Wyeth and Brother	61,946	Apr. 9	127	2391
Medicinal wines	H. Stein	63,653	July 2	129	474
Medicine	F. Colbert	61,414	Mar. 19	127	1249
Medicine. Alterative, resolvent, aperient	Tilden Company	61,268	Mar. 12	127	842
Medicine. Antiseptic antifebrile unguent external	T. W. Algeo	65,956	Nov. 5	131	353
Medicine. Blood	T. Mori	65,615	Oct. 8	130	1685
Medicine. Blood making, cleansing, and purifying	Kis-Ko Medicine Company	59,514	Jan. 8	126	752
Medicine. Certain	M. J. Breitenbach	61,767	Apr. 2	127	1988
Medicine. Certain	Society of Chemical Industry in Basle.	61,791	Apr. 2	127	1989
Medicine. Certain	Society of Chemical Industry in Basle.	62,300	Apr. 30	127	3636
Medicine. Certain	W. E. Williams	62,606	May 14	128	882
Medicine. Certain	H. B. Voorhees	62,893	May 28	128	1684
Medicine. Certain	T. A. Slocum Co.	63,587	June 25	128	3284
Medicine. Certain	J. J. Hübel & Co.	63,644	July 2	129	474
Medicine. Certain	Dr. Peter Fahrney & Sons Co.	64,108	July 23	129	1605
Medicine. Certain	Dr. Peter Fahrney & Sons Co.	64,109	July 23	129	1605
Medicine. Certain	Dr. Peter Fahrney & Sons Co.	64,110	July 23	129	1605
Medicine. Certain	Muirhead Medical Co.	64,501	Aug. 13	129	2851
Medicine. Certain	St. Jacobs Oil	64,507	Aug. 13	129	2851
Medicine. Certain	C. F. Schneider	64,638	Aug. 13	129	2855
Medicine. Certain	F. S. Walker	64,640	Aug. 13	129	2855
Medicine. Certain	S. B. Leonardi	64,645	Aug. 13	129	2855
Medicine. Certain	J. Leeson	64,682	Aug. 20	129	3153
Medicine. Certain	J. W. Hincks	64,854	Aug. 27	129	3496
Medicine. Certain	J. Brandt	65,171	Sept. 10	130	651
Medicine. Certain	J. S. Coward	65,174	Sept. 10	130	651
Medicine. Certain	F. A. Dicks	65,176	Sept. 10	130	651
Medicine. Certain	Farbwerke vorm. Meister Lucius & Brüning.	65,177	Sept. 10	130	651
Medicine. Certain	W. J. Roberts Medicine Company.	65,180	Sept. 10	130	651
Medicine. Certain	J. P. Wleklinski	65,328	Sept. 17	130	973

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Medicine. Certain.	Abbott Alkaloidal Co.	65,384	Sept. 24	130	1304
Medicine. Certain.	C. Borchert.	65,549	Oct. 8	130	1683
Medicine. Certain.	Hatton Chemical Company.	65,556	Oct. 8	130	1683
Medicine. Certain.	W. C. Otterson.	65,857	Oct. 29	130	2713
Medicine. Certain.	J. R. Planten.	66,108	Nov. 12	131	685
Medicine. Certain.	W. D. Duncan.	66,265	Nov. 19	131	936
Medicine. Certain.	Ferruginoid Co.	66,266	Nov. 19	131	936
Medicine. Certain.	R. H. McKoy.	66,271	Nov. 19	131	936
Medicine. Certain.	Fischer Chemical Importing Co.	66,836	Dec. 31	131	2412
Medicine. Certain.	H. E. Bucklen & Company.	66,839	Dec. 31	131	2412
Medicine. Certain.	P. P. Miniotte.	66,844	Dec. 31	131	2412
Medicine. Certain.	Miol Manufacturing Co.	66,845	Dec. 31	131	2412
Medicine. Certain liquid.	John Wyeth and Brother.	65,634	Oct. 15	130	2061
Medicine. Certain named.	Farbwerke vorm. Meister Lucius & Brüning.	59,161	Jan. 1	126	381
Medicine. Certain named.	F. Combemale.	59,246	Jan. 1	126	383
Medicine. Certain named.	Dr. B. J. Kendall Company.	60,017	Jan. 22	126	1352
Medicine. Certain named.	Hausman Drug Company.	64,140	July 23	129	1606
Medicine. Certain proprietary.	U. G. Hoshaw.	62,040	Apr. 16	127	2811
Medicine. Certain proprietary.	J. G. Kuehn.	62,862	May 28	128	1683
Medicine. Cough.	Mairs & Trippier.	60,445	Feb. 5	126	2186
Medicine. Dyspepsia.	L. C. Wedgefuth.	66,651	Dec. 17	131	1937
Medicine. Expectorant, sedative, antispasmodic.	Tilden Company.	61,180	Mar. 5	127	389
Medicine. Eye.	A. R. Canter.	61,156	Mar. 5	127	388
Medicine for certain named diseases.	F. E. Cady.	59,244	Jan. 1	126	383
Medicine for certain named diseases.	F. S. Walker.	60,207	Jan. 29	126	1771
Medicine for certain named diseases.	C. C. Hutchison.	60,605	Feb. 12	126	2585
Medicine for constipation.	C. C. Langsdorf.	60,608	Feb. 12	126	2585
Medicine for curing piles.	G. M. Fox.	59,538	Jan. 8	126	753
Medicine for fever.	Farbwerke vorm. Meister Lucius & Brüning.	65,721	Oct. 22	130	2365
Medicine for horses or cattle.	E. B. Gray.	62,858	May 28	128	1683
Medicine for stomach diseases.	M. Renyi.	64,476	Aug. 6	129	2497
Medicine for the cure of gall-stones.	C. L. Amerman.	61,004	Feb. 26	126	3419
Medicine for the cure of rheumatism.	Father Schubert Rheumatic Cure Company.	61,250	Mar. 12	127	842
Medicine for the cure of rupture.	Berry Medical Company.	62,896	May 28	128	1684
Medicine for the cure of stomach, liver, and kidney diseases.	Verno Company.	61,213	Mar. 5	127	389
Medicine for the cure of the tobacco habit.	E. J. Burch.	63,974	July 16	129	1263
Medicine for the lungs.	G. J. Weisent.	61,244	Mar. 12	127	841
Medicine for the treatment of rheumatism.	W. M. Reynolds.	64,863	Aug. 27	129	3496
Medicine. Kidney.	Van Vleet-Mansfield Drug Co.	61,211	Mar. 5	127	389
Medicine. Liver.	A. P. Sawyer.	63,664	July 2	129	474
Medicine or medicinal cordial. Cough.	G. E. Whittaker.	65,968	Nov. 5	131	353
Medicine. Proprietary.	E. L. Bauer.	62,277	Apr. 30	127	3636
Medicine. Proprietary.	H. L. Lautemann.	63,434	June 18	128	2832
Medicine. Proprietary.	J. A. Stephenson, Jr.	63,667	July 2	129	474
Medicine to perfume the breath.	T. Mori.	65,856	Oct. 29	130	2713
Medicine. Tonic.	G. H. Fuller.	63,754	July 9	129	863
Medicine used as a blood-purifier. Proprietary.	F. A. Wollschläger.	59,589	Jan. 8	126	754
Medicine. Veterinary.	Maher Veterinary Remedy Co.	65,179	Sept. 10	130	651
Medicines and corn-plaster. Certain.	W. L. White.	66,482	Dec. 3	131	1417
Medicines and laxatives. Liver.	Raben Company.	61,035	Feb. 26	126	3419
Medicines as a preventive of appendicitis.	W. M. Reynolds.	60,240	Jan. 29	126	1772
Medicines. Blood and nerve.	W. J. Burdick Medicine Co.	60,786	Feb. 19	126	3037
Medicines. Certain.	Chamberlain Medicine Co.	60,188	Jan. 29	126	1770
Medicines. Certain.	Frederick Stearns & Co.	60,598	Feb. 12	126	2585
Medicines. Certain.	Potter Drug & Chemical Corporation.	60,611	Feb. 12	126	2585
Medicines. Certain.	Humphreys Homeopathic Medicine Co.	61,160	Mar. 5	127	388
Medicines. Certain.	W. C. Burk.	61,698	Apr. 2	127	1987
Medicines. Certain.	Walter Medicine Company.	61,762	Apr. 2	127	1988
Medicines. Certain.	P. Bourne.	61,766	Apr. 2	127	1988
Medicines. Certain.	E. Bischoff.	62,048	Apr. 16	127	2811
Medicines. Certain.	F. E. Rutherford.	62,122	Apr. 16	127	2813
Medicines. Certain.	W. R. Warner & Co.	62,214	Apr. 23	127	3211
Medicines. Certain.	E. S. Wells.	62,289	Apr. 30	127	3636
Medicines. Certain.	F. A. Steck.	62,383	Apr. 30	127	3638
Medicines. Certain.	A. R. Saylor.	62,488	May 7	128	451
Medicines. Certain.	Penn Drug Company.	62,623	May 14	128	882
Medicines. Certain.	Carleton & Hovey.	62,634	May 21	128	1286
Medicines. Certain.	Houchens Medicine Co.	62,810	May 28	128	1682
Medicines. Certain.	G. C. Krusen.	62,814	May 28	128	1682
Medicines. Certain.	T. L. Cook Medicine Co.	63,066	June 4	128	2080
Medicines. Certain.	Citizens' Wholesale Supply Co.	63,438	June 18	128	2832
Medicines. Certain.	F. A. Richter.	63,584	June 25	128	3284
Medicines. Certain.	McKesson & Robbins.	64,144	July 23	129	1606
Medicines. Certain.	Fritts & Wihel Company.	64,454	Aug. 6	129	2496
Medicines. Certain.	Grape Capsule Company.	64,455	Aug. 6	129	2496
Medicines. Certain.	Grape Capsule Company.	64,457	Aug. 6	129	2496
Medicines. Certain.	Grape Capsule Company.	64,458	Aug. 6	129	2496
Medicines. Certain.	Grape Capsule Company.	64,459	Aug. 6	129	2496
Medicines. Certain.	G. Javaroni.	64,474	Aug. 6	129	2497
Medicines. Certain.	S. B. Leonardi.	64,635	Aug. 13	129	2855
Medicines. Certain.	McKesson & Robbins.	64,636	Aug. 13	129	2855
Medicines. Certain.	C. E. Brunning.	64,675	Aug. 20	129	3153
Medicines. Certain.	D. R. Drake.	64,678	Aug. 20	129	3153
Medicines. Certain.	H. P. Richardson.	64,685	Aug. 20	129	3154
Medicines. Certain.	Anti-Septo Medicine Company.	64,770	Aug. 20	129	3156
Medicines. Certain.	E. Cordier.	64,845	Aug. 27	129	3495
Medicines. Certain.	A. Duka.	65,018	Sept. 3	130	294
Medicines. Certain.	F. H. Green.	65,020	Sept. 3	130	294
Medicines. Certain.	F. Mollering.	65,087	Sept. 3	130	296
Medicines. Certain.	F. A. Epstein.	65,223	Sept. 10	130	652
Medicines. Certain.	F. A. Epstein.	65,224	Sept. 10	130	652

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Medicines. Certain.....	O. Grande.....	65,230	Sept. 10	130	652
Medicines. Certain.....	Chemische Fabrik auf Actien (vorm. E. Schering).....	65,291	Sept. 17	130	972
Medicines. Certain.....	Gresham & Carl.....	65,295	Sept. 17	130	972
Medicines. Certain.....	E. Horsman.....	65,374	Sept. 24	130	1303
Medicines. Certain.....	Davis-Bridaham Drug Company.....	65,550	Oct. 8	130	1683
Medicines. Certain.....	C. W. Horn.....	65,558	Oct. 8	130	1683
Medicines. Certain.....	W. F. Severa Company.....	65,577	Oct. 8	130	1684
Medicines. Certain.....	Frederick Stearns & Co.....	65,628	Oct. 15	130	2061
Medicines. Certain.....	J. E. Hasson.....	65,632	Oct. 15	130	2061
Medicines. Certain.....	R. B. H. Leighton.....	65,639	Oct. 15	130	2061
Medicines. Certain.....	J. J. McAllister.....	65,641	Oct. 15	130	2061
Medicines. Certain.....	Trunk Bros. Drug Company.....	66,313	Nov. 19	131	937
Medicines. Certain.....	T. F. Laubach.....	66,367	Nov. 26	131	1155
Medicines. Certain.....	Boericke & Tafel.....	66,497	Dec. 10	131	1681
Medicines. Certain.....	Davis Chemical Company.....	66,504	Dec. 10	131	1681
Medicines. Certain.....	Dr. Rainey Medicine Co.....	66,506	Dec. 10	131	1681
Medicines. Certain.....	J. S. Ramage.....	66,630	Dec. 17	131	1936
Medicines. Certain.....	Société "Le Ferment".....	66,754	Dec. 24	131	2141
Medicines. Certain.....	Teraqua Mineral Company.....	66,776	Dec. 24	131	2141
Medicines. Certain named.....	J. S. Burton.....	59,242	Jan. 1	126	383
Medicines. Certain named.....	San Antonio Drug Co.....	59,296	Jan. 1	126	384
Medicines. Certain named.....	Wright's Rapid Relief Co.....	60,054	Jan. 22	126	1353
Medicines for blood diseases.....	J. Schneider & Co.....	61,956	Apr. 9	127	2391
Medicines for blood diseases of horses, mules, and cattle.....	C. F. Cutler.....	61,402	Mar. 19	127	1249
Medicines for bronchial and pulmonary affections.....	Choate Drug and Chemical Com- pany.....	61,435	Mar. 19	127	1249
Medicines for certain named diseases.....	Snivi Medicine Company.....	59,519	Jan. 8	126	752
Medicines for certain named diseases.....	Tilden Company.....	59,523	Jan. 8	126	753
Medicines for children's ailments.....	Firm of A. Fennings.....	64,484	Aug. 6	129	2497
Medicines for cough, cold, and gripe.....	W. M. Reynolds.....	65,026	June 4	128	2079
Medicines for coughs, colds, and la grippe.....	G. T. Hively.....	59,560	Jan. 8	126	754
Medicines for the cure of consumption.....	G. H. Center.....	65,655	July 2	129	474
Medicines for the cure of dyspepsia and rheumatism.....	J. J. Doris.....	65,396	Sept. 24	130	1304
Medicines for the cure of headache and dysmenorrhea, &c.....	Anti-Cori-Zine Chemical Com- pany.....	59,551	Jan. 8	126	753
Medicines for venereal diseases.....	J. T. Padgett.....	62,701	May 21	128	1287
Medicines. Headache.....	C. Breves.....	62,711	May 21	128	1287
Medicines. Laxative.....	F. A. Luyties.....	59,752	Jan. 15	126	1059
Medicines. Laxative and digestive.....	Spirine Extracting Co.....	66,645	Dec. 17	131	1936
Medicines. Rheumatic and gout.....	G. W. Brooks.....	60,828	Feb. 19	126	3038
Medicines. Rheumatic and gout.....	J. T. Baltar.....	61,005	Feb. 26	126	3419
Medicines. Synthetic.....	Actien-Gesellschaft für Anilin- Fabrikation.....	64,994	Sept. 3	130	294
Medicines. Tonic.....	D. P. Bernudez.....	63,776	July 9	129	864
Medicines. Tonic, alterative, laxative, and diuretic.....	Wells & Richardson Company.....	59,175	Jan. 1	126	381
Medicines. Tonic, alterative, laxative, and diuretic.....	Wells & Richardson Company.....	59,806	Jan. 15	126	1060
Melons.....	Brawley Cantaloupe Growers Association.....	63,261	June 11	128	2524
Menthol ice.....	Kellogg & Hitchcock Co.....	66,270	Nov. 19	131	936
Metal alloy for bearings, &c.....	Manganese Bronze & Brass Co.....	61,736	Apr. 2	127	1988
Metal and glass cleaner and polisher.....	P. J. Bertucci.....	62,126	Apr. 23	127	3209
Metal and glass polishing paper.....	A. W. Young.....	63,150	June 11	128	2521
Metal and wood working machine parts. Certain.....	Whitman & Barnes Manufaktur- ing Company.....	60,990	Feb. 26	126	3418
Metal and wood working machines. Certain parts of.....	Whitman & Barnes Manufaktur- ing Company.....	60,583	Feb. 12	126	2584
Metal articles. Certain.....	Covert Mfg. Co.....	66,096	Nov. 12	131	685
Metal articles. Certain.....	A. Dewsbury.....	66,505	Dec. 10	131	1681
Metal articles. Certain.....	A. Dewsbury.....	66,833	Dec. 31	131	2412
Metal. Babbitt.....	J. A. Macaulay.....	63,962	July 16	129	1263
Metal cleaning and polishing compound.....	J. C. Paul.....	59,973	Jan. 22	126	1351
Metal cleaning and polishing compounds.....	White & Bagley Co.....	59,968	Jan. 22	126	1351
Metal dressings and polish.....	S. M. Bixby & Co.....	60,462	Feb. 12	126	2581
Metal dressings and polish.....	S. M. Bixby & Co.....	63,348	June 18	128	2820
Metal dressings and polish.....	S. M. Bixby & Co.....	63,349	June 18	128	2819
Metal goods. Certain.....	Kelley-How-Thomson Co.....	63,499	June 25	128	3282
Metal goods. Certain.....	Pittsburgh Valve, Foundry and Construction Co.....	64,175	July 30	129	2067
Metal goods. Certain.....	John A. Roebling's Sons Co.....	65,491	Oct. 8	130	1681
Metal goods. Certain.....	John A. Roebling's Sons Co.....	65,492	Oct. 8	130	1681
Metal leaf. Imitation.....	Gane Brothers & Co.....	66,043	Nov. 5	131	355
Metal manufactures. Certain.....	Thomas Devlin Manufacturing Co.....	59,730	Jan. 15	126	1058
Metal manufactures. Certain.....	Taylor Iron & Steel Co.....	60,576	Feb. 12	126	2584
Metal manufactures. Certain.....	Guest, Keen & Nettlefolds.....	60,716	Feb. 19	126	3035
Metal manufactures. Certain.....	Eberhard Manufacturing Com- pany.....	61,151	Mar. 5	127	398
Metal manufactures. Certain.....	W. Vogel & Bros.....	61,154	Mar. 5	127	388
Metal manufactures. Certain.....	Reading Hardware Company.....	61,174	Mar. 5	127	388
Metal manufactures. Certain.....	Reading Hardware Company.....	61,175	Mar. 5	127	388
Metal manufactures. Certain.....	Hibbard, Spencer, Bartlett & Company.....	61,511	Mar. 26	127	1572
Metal manufactures. Certain.....	Imperial Bit & Snap Co.....	62,154	Apr. 23	127	3209
Metal manufactures. Certain.....	S. Sternau & Co.....	62,318	Apr. 30	127	3637
Metal manufactures. Certain.....	S. Sternau & Co.....	62,562	May 14	128	880
Metal manufactures. Certain.....	Continental Iron Works.....	62,635	May 21	128	1285
Metal manufactures. Certain.....	Imperial Bit & Snap Co.....	62,838	May 28	128	1682
Metal manufactures. Certain.....	R. A. Morrison.....	63,024	June 4	128	2079
Metal manufactures. Certain.....	H. Mueller Manufacturing Com- pany.....	63,999	July 16	129	1264
Metal manufactures. Certain.....	Yale & Towne Mfg. Co.....	64,023	July 16	129	1264
Metal manufactures. Certain.....	Elbel Company.....	65,720	Oct. 22	130	2365
Metal plates and steel.....	Fried. Krupp Aktiengesellschaft.....	61,509	Mar. 26	127	1572
Metal-polish.....	G. J. C. Fiedler.....	61,646	Apr. 2	127	1985
Metal-polish.....	H. E. Ruger.....	62,872	May 28	128	1683

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Metal-polish	Noxal Polish Manufacturing Company.	64,503	Aug. 13	129	2851
Metal-polish	E. B. Gallaher	65,094	Sept. 10	130	649
Metal-polish	L. Adrot	65,519	Oct. 8	130	1682
Metal-polish. Liquid	S. R. Olmsted	59,336	Jan. 8	126	748
Metal-polishes	Dazzle Manufacturing Company.	59,127	Jan. 1	126	380
Metal-polishes	Hanson & Van Winkle Co.	61,462	Mar. 19	127	1250
Metal-polishes. Abrasive	Armiger Chemical Co.	66,714	Dec. 24	131	2140
Metal-polishing material	Cook and Howard	64,470	Aug. 6	129	2496
Metal polishing and abrasive material	W. R. Forbush	65,867	Oct. 29	130	2713
Metal-polishing preparations	Marshall Chemical Company	62,593	May 14	128	881
Metal shades and hoods and holders therefor	Tea Tray Company of Newark, N. J.	59,364	Jan. 8	126	748
Metal sheets covered with asbestos	Protected Metal Company	59,453	Jan. 8	126	751
Metal, stove, silver, and glass polishes	Citizens' Wholesale Supply Company.	61,642	Apr. 2	127	1985
Metal structures. Expanded-	General Fireproofing Co.	64,703	Aug. 20	129	3154
Metal tiles	A. Du Montier	64,354	Aug. 6	129	2493
Metal ware. Certain solid and plated	American Silver Company	60,593	Feb. 12	126	2585
Metal-welding compounds	Goldschmidt Thermit Co.	61,880	Apr. 9	127	2389
Metals and alloys. Certain	T. Goldschmidt	66,044	Nov. 5	131	355
Metals. Antifriction	Kool Metal Manufacturing Company.	65,495	Oct. 8	130	1681
Metals. Antifriction bearing	Fahrig Metal Company	62,533	May 14	128	880
Metals. Bearing	M. Lodor	59,333	Jan. 8	126	748
Metals. Bearing	Frictionless Metal Company	59,402	Jan. 8	126	749
Metals. Bearing	Traka Metal Company	61,517	Mar. 26	127	1572
Metals. Certain	Wm. Cramp & Sons Ship & Engine Building Co.	64,766	Aug. 20	129	3156
Metals. Certain partly-wrought	Howard W. Middleton Company.	64,955	Aug. 27	129	3498
Metals, &c. Compound for polishing	G. W. Hoffman	64,090	July 23	129	1604
Metallic-leaf-depositing implements	W. H. Coe Manufacturing Co.	65,951	Oct. 29	130	2715
Middlings and red-dog	Wells Flour Milling Company	65,918	Oct. 29	130	2715
Military equipments. Certain	Mills Woven Cartridge Belt Co.	65,890	Oct. 29	130	2714
Milk	Lactobacilline Company	61,351	Mar. 19	127	1247
Milk	Lactobacilline Company	61,352	Mar. 19	127	1247
Milk	Union Condensed Milk Co.	64,448	Aug. 6	129	2496
Milk and butter. Condensed and evaporated	Great Atlantic & Pacific Tea Company.	62,926	May 28	128	1685
Milk and cocoa. Mixture of dry	G. Kammermann & Cie. Schweiz. Trockenmilchgesellschaft.	62,723	May 21	128	1287
Milk and cream. Condensed and evaporated	Mohawk Condensed Milk Co.	60,660	Feb. 19	126	3033
Milk and cream. Evaporated and condensed	Mohawk Condensed Milk Co.	61,670	Apr. 2	127	1986
Milk and cream. Evaporated and condensed	Mohawk Condensed Milk Co.	62,043	Apr. 16	127	2811
Milk and cream. Evaporated and condensed	Mohawk Condensed Milk Co.	62,044	Apr. 16	127	2811
Milk and cream. Prepared	A. Fay	62,659	May 21	128	1285
Milk and evaporated cream. Condensed and evaporated	Borden's Condensed Milk Company.	62,062	Apr. 16	127	2811
Milk, butter, and cheese. Condensed	Nestlé & Anglo-Swiss Condensed Milk Co.	60,486	Feb. 12	126	2582
Milk. Condensed	Wisconsin Condensed Milk Co.	61,661	Apr. 2	127	1986
Milk. Condensed	Wisconsin Condensed Milk Co.	61,796	Apr. 2	127	1989
Milk. Condensed	Wisconsin Condensed Milk Co.	62,031	Apr. 16	127	2810
Milk. Condensed	Wisconsin Condensed Milk Co.	62,032	Apr. 16	127	2810
Milk. Condensed	Mohawk Condensed Milk Co.	63,284	June 11	128	2525
Milk. Condensed	Pacific Coast Condensed Milk Co.	63,320	June 11	128	2526
Milk, cream, and butter	Bernese Alps Milk Co.	61,041	Mar. 5	127	385
Milk, cream, and butter	A. E. Little	62,579	May 14	128	881
Milk, cream, and butter	Thompson and Ott	63,297	June 11	128	2525
Milk, cream, butter, and cheese	H. J. Nietert	59,813	Jan. 15	126	1061
Milk. Evaporated	American Milk Product Co.	62,894	May 28	128	1684
Milk. Nursing and dietary	Nutricia Milk Company	59,287	Jan. 1	126	384
Milk. Preparation for the modification of	Fairchild Bros. & Foster	62,065	Apr. 16	127	2811
Milk. Sterilized and condensed	Nestlé & Anglo-Swiss Condensed Milk Co.	59,907	Jan. 22	126	1349
Milky or lacteous meal	A. Adam	61,273	Mar. 12	127	842
Mince-meat, dried fruits, and flavoring extracts	Smith Lichty & Hillman Company.	66,031	Nov. 5	131	355
Minerals. Certain	United States Graphite Company.	60,319	Feb. 5	126	2183
Modeling-paste	W. Harbutt	60,921	Feb. 26	126	3416
Molasses	C. E. Coe	59,220	Jan. 1	126	382
Molasses	C. E. Coe	59,221	Jan. 1	126	382
Molasses	P. Duff & Sons	61,346	Mar. 19	127	1247
Molasses	P. Duff & Sons	61,347	Mar. 19	127	1247
Mosquito-repellent	J. E. Lyle	66,372	Nov. 26	131	1155
Motor and dynamo brushes	Morgan Crucible Co.	62,799	May 28	128	1681
Mouth-wash	Brauer Chemical Company	61,006	Feb. 26	126	3419
Mouth-wash	Meade & Baker Carbolic Mouth Wash Co.	63,596	June 25	128	3284
Mouth-wash and gargle, tooth-paste, and throat-pastil	J. F. Carnegie	65,851	Oct. 29	130	2713
Mower and reaper knife sections	R. Herschel Manufacturing Co.	60,798	Feb. 19	126	3037
Mowers and grass-catchers therefor. Lawn-	W. Bingham Company	65,616	Oct. 8	130	1685
Mowers and reapers. Certain parts of	Whitman & Barnes Manufacturing Company.	60,053	Jan. 22	126	1353
Mowers and their parts and grass-catchers. Lawn-	Simmons Hardware Company	65,365	Sept. 24	130	1303
Mowers. Lawn-	George Worthington Company	59,607	Jan. 15	126	1055
Mowers. Lawn-	Kelley-How-Thomson Co.	63,500	June 25	128	3282
Mowers. Lawn-	A. B. Case	65,256	Sept. 17	130	971
Mowers. Lawn-	Peter Henderson & Co.	66,207	Nov. 12	131	688
Mushrooms, cepas, jellies, &c.	Von Bremen, MacMonnies & Co.	65,514	Oct. 8	130	1682
Music-boxes. Automatic	Regina Company	64,152	July 23	129	1606
Music-playing instruments and music-rolls therefor. Automatic	Wilcox & White Company	61,124	Mar. 5	127	387
Music. Sheet-	Helf & Hager Co.	62,941	May 28	128	1685
Music. Sheet-	Helf & Hager Co.	63,097	June 4	128	2081
Music sheets or rolls. Perforated	Chase & Baker Company	63,187	June 11	128	2522

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Music-wire. Steel.....	Lyon & Healy.....	59,165	Jan. 1	126	381
Musical-instrument cases and satchels.....	Maulbetsch & Whittmore Company.....	66,235	Nov. 19	131	935
Musical-instrument strings.....	Lyon & Healy.....	59,877	Jan. 22	126	1348
Musical-instrument strings.....	Lyon & Healy.....	60,976	Feb. 26	126	3418
Musical instruments and parts.....	C. Meisel.....	63,711	July 2	129	476
Musical instruments. Certain.....	R. A. Childs.....	61,401	Mar. 19	127	1248
Musical instruments. Certain.....	C. Meisel.....	66,105	Nov. 12	131	685
Musical instruments. Certain.....	C. Meisel.....	66,142	Nov. 12	131	686
Musical instruments. Certain.....	C. Meisel.....	66,159	Nov. 12	131	686
Muslin. Bleached.....	Rice, Stix Dry Goods Company.....	62,868	May 28	128	1683
Muslin undergarments. Women's.....	F. S. Kolb.....	61,385	Mar. 19	127	1248
Muslin underwear.....	Natick Underwear Company.....	59,335	Jan. 8	126	748
Must or grape-juice.....	Deutsche Weinmostkellerei alkoholfreier Obst und Traubensaft H. Lampe & Co. Worms a/ Rh. G. M. B. H. C. Gulden.....	65,981	Nov. 5	131	353
Mustard. Prepared.....	.....	63,727	July 2	129	476
Nail-polish.....	Ideal Manufacturing Company.....	65,300	Sept. 17	130	972
Nail-sets and punches.....	Massachusetts Saw Works.....	66,785	Dec. 31	131	2411
Nails.....	Benjamin Hobart Company.....	64,347	Aug. 6	129	2493
Nails. Horse.....	Union Horse Nail Company.....	59,420	Jan. 8	126	750
Nails. Horse.....	Union Horse Nail Company.....	59,587	Jan. 8	126	754
Nails. Horse.....	Ausable Horse Nail Company.....	59,957	Jan. 22	126	1350
Nails. Horse.....	Union Horse Nail Company.....	59,966	Jan. 22	126	1351
Nails. Horse.....	Ausable Horse Nail Company.....	59,969	Jan. 22	126	1351
Nails. Horse.....	Ausable Horse Nail Company.....	60,807	Feb. 19	126	3037
Nails. Horse.....	Ausable Horse Nail Company.....	60,808	Feb. 19	126	3037
Nails. Horseshoe.....	Hoopeston Horse Nail Co.....	59,938	Jan. 22	126	1350
Naphtha.....	Standard Oil Co. of New York.....	66,462	Nov. 26	131	1158
Naphtha, benzin, and gasolene.....	Standard Oil Co. of New York.....	59,053	Jan. 1	126	378
Neckwear-supporters.....	Blumenkrohn Crochet Button Works.....	60,541	Feb. 12	126	2583
Needles. Sewing.....	Henry Milward & Sons.....	59,479	Jan. 8	126	751
Needle-threaders.....	S. Blumenthal.....	64,584	Aug. 13	129	2853
Needles. Certain.....	Thos. Harper & Sons.....	66,869	Dec. 31	131	2413
Nets. Hair.....	T. H. Gary & Co.....	61,751	Apr. 2	127	1988
Nets. Leather fly.....	Milwaukee Net Co.....	60,977	Feb. 26	126	3418
Newspaper.....	R. Block.....	60,158	Jan. 29	126	1769
Newspaper.....	Washington Herald Company.....	60,949	Feb. 26	126	3417
Newspaper.....	It Publishing Company.....	62,112	Apr. 16	127	2812
Newspaper.....	W. Bullock.....	62,320	Apr. 30	127	3637
Newspaper.....	E. J. Cevasco.....	62,936	May 28	128	1685
Newspaper.....	L'Opinione Italian Publishing Co.....	63,099	June 4	128	2081
Newspaper.....	W. D. Burleson.....	63,894	July 16	129	1261
Newspaper.....	W. R. Hearst.....	64,522	Aug. 13	129	2852
Newspaper.....	W. R. Hearst.....	64,785	Aug. 20	129	3156
Newspaper.....	W. R. Hearst.....	66,074	Nov. 5	131	356
Newspaper.....	W. R. Hearst.....	66,075	Nov. 5	131	356
Newspaper.....	W. R. Hearst.....	66,076	Nov. 5	131	356
Newspaper.....	W. R. Hearst.....	66,077	Nov. 5	131	356
Newspaper.....	W. R. Hearst.....	66,078	Nov. 5	131	356
Newspaper.....	W. R. Hearst.....	66,079	Nov. 5	131	356
Newspaper.....	W. R. Hearst.....	66,080	Nov. 5	131	356
Newspaper.....	W. R. Hearst.....	66,081	Nov. 5	131	356
Newspaper.....	W. R. Hearst.....	66,090	Nov. 5	131	356
Newspaper.....	W. R. Hearst.....	66,156	Nov. 12	131	686
Newspaper.....	W. R. Hearst.....	66,157	Nov. 12	131	686
Newspaper.....	Evening Star Newspaper Co.....	66,508	Dec. 10	131	1681
Newspaper.....	Evening Star Newspaper Co.....	66,509	Dec. 10	131	1681
Newspaper.....	Washington Times Co.....	66,539	Dec. 10	131	1682
Newspaper. Financial and commercial.....	M. Auerbach.....	66,064	Nov. 5	131	356
Newspaper. Monthly.....	Successful Farming Publishing Company.....	61,626	Mar. 26	127	1575
Newspaper. Monthly.....	J. P. Weiss.....	61,865	Apr. 9	127	2388
Newspaper. Weekly.....	National Tribune Company.....	60,168	Jan. 29	126	1770
Newspapers.....	J. M. Stahl.....	63,748	July 9	129	863
Newspapers.....	Brooklyn Daily Eagle.....	63,893	July 16	129	1261
Newspapers.....	Washington Post Company.....	66,538	Dec. 10	131	1682
Newspapers and magazines. Weekly.....	Cohan & Harris.....	65,436	Sept. 24	130	1305
Newspapers. Daily.....	Evening News Publishing Co. of Baltimore City.....	59,223	Jan. 1	126	382
Nippers and pliers.....	Utica Drop Forge and Tool Co.....	66,649	Dec. 17	131	1937
Nozzles.....	H. B. Sherman.....	65,949	Oct. 29	130	2715
Nozzles for hydrants. Valved.....	Holyoke Valve and Hydrant Company.....	60,962	Feb. 26	126	3417
Nutritive, restorative, stimulative, and antiseptic compound.....	Tilden Company.....	59,801	Jan. 15	126	1060
Nuts. Lock.....	Railway Lock-Nut Company.....	64,753	Aug. 20	129	3155
Oats.....	H-O (Hornby's Oatmeal) Company.....	60,479	Feb. 12	126	2582
Oats.....	H-O (Hornby's Oatmeal) Company.....	60,480	Feb. 12	126	2582
Oats. Cooked rolled.....	H-O (Hornby's Oatmeal) Company.....	59,917	Jan. 22	126	1349
Oats. Rolled.....	Schumacher Cereal Co.....	61,957	Apr. 9	127	2391
Oats, &c. Rolled.....	Albers Bros. Milling Co.....	66,616	Dec. 17	131	1936
Ochers.....	Firm of F. A. Reichard.....	66,458	Nov. 26	131	1158
Ochers.....	Firm of F. A. Reichard.....	66,459	Nov. 26	131	1158
Odometers, kilometer-counters, and tachymeters.....	A. Schneider.....	61,611	Mar. 26	127	1575
Oil and animal-fat mixture. Vegetable.....	Southern Cotton Oil Company.....	61,100	Mar. 5	127	386
Oil and lubricants. Certain.....	Modoc Company.....	66,161	Nov. 12	131	687
Oil and meal. Cotton-seed.....	Dallas Oil & Refining Co.....	60,272	Feb. 5	126	2181
Oil and scythe stones and hones.....	Simmons Hardware Company.....	63,651	July 2	129	474
Oil blackings, paste blackings, shoe-dressings, and leather-dressings.....	Associated Shoe Company.....	66,018	Nov. 5	131	354
Oil. Castor.....	J. N. Stearns.....	62,288	Apr. 30	127	3636

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Oil. Castor-.....	Mound City Paint & Color Com- pany.	63,785	July 9	129	864
Oil. Castor-.....	National Lead Company.....	64,901	Aug. 27	129	3497
Oil. Certain.....	A. T. Johnson.....	66,390	Nov. 26	131	1156
Oil. Certain named cooking-.....	Union Oil Company.....	59,804	Jan. 15	126	1060
Oil. Corn-.....	Corn Products Company.....	66,448	Nov. 26	131	1157
Oil. Corn-.....	Corn Products Company.....	66,449	Nov. 26	131	1157
Oil. Cotton-seed.....	Union Oil Company.....	60,265	Feb. 5	126	2181
Oil. Cotton-seed.....	Union Oil Company.....	60,266	Feb. 5	126	2181
Oil. Cotton-seed.....	American Cotton Oil Company.....	61,038	Mar. 5	127	385
Oil. Cotton-seed.....	American Cotton Oil Company.....	61,039	Mar. 5	127	385
Oil. Cotton-seed.....	American Cotton Oil Company.....	61,070	Mar. 5	127	386
Oil. Cotton-seed.....	Union Oil Company.....	64,434	Aug. 6	129	2496
Oil. Cutting-.....	Clarkson & Ford Co.....	61,073	Mar. 5	127	386
Oil for certain named purposes.....	G. W. Cole Company.....	61,545	Mar. 26	127	1573
Oil for certain named purposes.....	G. W. Cole Company.....	61,546	Mar. 26	127	1573
Oil for lubricating, cleaning, &c.....	W. F. Nye.....	61,814	Apr. 9	127	2387
Oil for medicinal purposes.....	C. D. Tilly.....	59,522	Jan. 8	126	753
Oil for medicinal purposes and applications.....	C. D. Tilly.....	60,398	Feb. 5	126	2185
Oil for medicinal purposes and applications.....	C. D. Tilly.....	61,792	Apr. 2	127	1989
Oil. Heating-.....	J. H. Hoover.....	60,442	Feb. 5	126	2186
Oil. Illuminating-.....	National Refining Company.....	61,307	Mar. 12	127	843
Oil. Illuminating-.....	National Refining Company.....	63,966	July 16	129	1263
Oil. Illuminating-.....	Standard Oil Co. of New York.....	64,903	Aug. 27	129	3497
Oil. Illuminating-.....	Standard Oil Co. of New York.....	64,904	Aug. 27	129	3497
Oil. Illuminating-.....	Standard Oil Co. of New York.....	64,905	Aug. 27	129	3497
Oil. Illuminating-.....	Tide Water Oil Co.....	65,205	Sept. 10	130	652
Oil. Illuminating-.....	Standard Oil Company of New York.	65,428	Sept. 24	130	1305
Oil. Illuminating-.....	Standard Oil Company of New York.	65,429	Sept. 24	130	1305
Oil. Illuminating-.....	Tide Water Oil Co.....	66,013	Nov. 5	131	354
Oil. Liquid compounds of cod-liver.....	Norway Pharmacal Company.....	62,473	May 7	128	451
Oil. Lubricating-.....	L. Mendel.....	59,201	Jan. 1	126	382
Oil. Lubricating-.....	Galena-Signal Oil Company.....	59,780	Jan. 15	126	1060
Oil. Lubricating-.....	Clarkson & Ford Co.....	61,072	Mar. 5	127	386
Oil. Lubricating-.....	National Refining Company.....	61,080	Mar. 5	127	386
Oil. Lubricating-.....	Galena-Signal Oil Company.....	65,993	Nov. 5	131	354
Oil. Lubricating-.....	Galena-Signal Oil Company.....	65,994	Nov. 5	131	354
Oil. Lubricating-.....	Galena-Signal Oil Company.....	65,995	Nov. 5	131	354
Oil. Machinery-.....	G. A. Haws.....	63,813	July 9	129	865
Oil. Medicinal.....	C. D. Tilly.....	60,178	Jan. 29	126	1770
Oil. Olive-.....	Chaffard & Coudere.....	59,058	Jan. 1	126	378
Oil. Olive-.....	Griggs, Cooper & Company.....	59,133	Jan. 1	126	380
Oil. Olive-.....	Bisi & Caprini.....	59,303	Jan. 8	126	747
Oil. Olive-.....	E. L. Corazzini.....	59,810	Jan. 15	126	1060
Oil. Olive-.....	H. Etienne Boule.....	60,456	Feb. 12	126	2581
Oil. Olive-.....	Robert Stevenson & Co.....	61,065	Mar. 5	127	385
Oil. Olive-.....	Meridional Cheese and Oil Co.....	61,659	Apr. 2	127	1986
Oil. Olive-.....	Basilea & Calandra.....	63,513	June 25	128	3282
Oil. Olive-.....	Barbut & Garro.....	64,059	July 23	129	1604
Oil. Olive-.....	Billings Clapp Company.....	64,418	Aug. 6	129	2495
Oil. Olive-.....	Boericks & Tafel.....	65,392	Sept. 24	130	1304
Oil. Olive-.....	Herman Kienzler Company.....	65,698	Oct. 15	130	2063
Oil. Polishing-.....	Reliance Mfg. Co.....	59,454	Jan. 8	126	751
Oil. Prepared linseed-.....	Glidden Varnish Company.....	63,874	July 9	129	866
Oil. Rheumatic.....	H. Brunswick.....	61,022	Feb. 26	126	3419
Oil. Salad-.....	J. P. Smith & Company.....	59,206	Jan. 1	126	382
Oil. Salad-.....	J. P. Smith & Company.....	59,207	Jan. 1	126	382
Oil. Salad-.....	Vacuum Oil Company.....	62,016	Apr. 16	127	2810
Oil. Salad and cooking.....	Littauer Oil Company.....	64,940	Aug. 27	129	3498
Oil. Summer white cotton-seed.....	American Cotton Oil Company.....	61,037	Mar. 5	127	385
Oil. Tasteless castor-.....	Davis Chemical Company.....	64,677	Aug. 20	129	3153
Oil. Tasteless castor-.....	Voigt & Co.....	65,966	Nov. 5	131	353
Oil. Vanilla.....	G. R. Chatfield.....	60,646	Feb. 19	126	3033
Oils and compounds. Lubricating.....	A. W. Harris.....	59,851	Jan. 22	126	1348
Oils and grease. Lighting and lubricating.....	E. Brooksbank and Company.....	60,303	Feb. 5	126	2182
Oils and greases.....	Climax Refining Company.....	62,394	May 7	128	449
Oils and greases.....	Climax Refining Company.....	62,395	May 7	128	449
Oils and greases. Certain.....	Vacuum Oil Company.....	62,821	May 28	128	1682
Oils and greases for gas-engines and automobiles.....	Havemeyer Oil Company.....	61,806	Apr. 9	127	2387
Oils and greases for preserving metals and for lubricating.....	H. Chudeau.....	60,894	Feb. 26	126	3416
Oils and greases. Illuminating and lubricating.....	K. F. Young.....	59,833	Jan. 22	126	1347
Oils and greases. Illuminating and lubricating.....	Galena Signal Oil Co.....	65,197	Sept. 10	130	651
Oils and greases. Lubricating.....	Mutual Auto Accessories Co. of America.	61,812	Apr. 9	127	2387
Oils and greases. Lubricating.....	Kathairo Chemical Co.....	62,096	Apr. 16	127	2812
Oils and greases. Lubricating.....	Citizens' Wholesale Supply Co.....	62,145	Apr. 23	127	3209
Oils and greases, plumbago, &c. Lubricating.....	Pure Oil Company.....	60,667	Feb. 19	126	3034
Oils and lubricants. Certain.....	Wm. C. Robinson & Son Co.....	60,120	Jan. 29	126	1768
Oils. Certain.....	Citizens' Wholesale Supply Co.....	61,619	Mar. 26	127	1575
Oils. Certain named lubricating-.....	United States Graphite Com- pany.	59,505	Jan. 8	126	752
Oils. Cotton-seed.....	Southern Cotton Oil Company.....	59,118	Jan. 1	126	379
Oils. Cotton-seed.....	Southern Cotton Oil Company.....	59,119	Jan. 1	126	379
Oils. Cotton-seed.....	Southern Cotton Oil Company.....	59,120	Jan. 1	126	380
Oils. Cotton-seed.....	Southern Cotton Oil Company.....	59,121	Jan. 1	126	380
Oils. Cotton-seed.....	Southern Cotton Oil Company.....	59,122	Jan. 1	126	380
Oils. Cotton-seed.....	Union Oil Company.....	60,298	Feb. 5	126	2182
Oils. Cotton-seed.....	Southern Cotton Oil Company.....	60,865	Feb. 26	126	3415
Oils. Cotton-seed.....	Southern Cotton Oil Company.....	60,866	Feb. 26	126	3415
Oils. Cotton-seed.....	Southern Cotton Oil Company.....	60,867	Feb. 26	126	3415
Oils. Cotton-seed.....	Southern Cotton Oil Company.....	61,822	Apr. 9	127	2387
Oils. Cotton-seed.....	Southern Cotton Oil Company.....	61,849	Apr. 9	127	2388
Oils. Cotton-seed.....	Southern Cotton Oil Company.....	62,273	Apr. 30	127	3636
Oils. Cotton-seed.....	Southern Cotton Oil Company.....	62,561	May 14	128	880

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Oils. Essential.....	C. Rockhill.....	62,992	June 4	128	2078
Oils for making perfumes. Compound.....	George Lueders & Co.....	63,579	June 25	128	3284
Oils, greases, and compounds. Lubricating.....	Ironsides Company.....	59,904	Jan. 22	126	1349
Oils, greases, &c. Lubricating and cutting.....	Universal Oil Co.....	64,562	Aug. 13	129	2853
Oils. Illuminating.....	S. M. Willock.....	62,426	May 7	128	450
Oils. Illuminating and lubricating.....	Kansas City Oil and Gas Company.....	59,825	Jan. 22	126	1347
Oils. Lubricating.....	Pure Oil Company.....	59,388	Jan. 8	126	749
Oils. Lubricating.....	C. F. Stannard.....	59,831	Jan. 22	126	1347
Oils. Lubricating.....	Valvoline Oil Company.....	59,899	Jan. 22	126	1349
Oils. Lubricating.....	Valvoline Oil Company.....	60,669	Feb. 19	126	3034
Oils. Lubricating.....	Atlantic Refining Company.....	61,283	Mar. 12	127	842
Oils. Lubricating.....	Atlantic Refining Company.....	61,284	Mar. 12	127	843
Oils. Lubricating.....	Atlantic Refining Company.....	62,389	May 7	128	449
Oils. Lubricating.....	S. M. Willock.....	62,425	May 7	128	450
Oils. Lubricating.....	Atlantic Refining Company.....	63,160	June 11	128	2521
Oils. Lubricating.....	G. W. Galloway.....	63,623	July 2	129	473
Oils. Lubricating.....	Borne, Serymser Company.....	64,419	Aug. 6	129	2495
Oils. Lubricating.....	Bass Hueter Paint Co., Southern California Branch.....	65,433	Sept. 24	130	1305
Oils. Lubricating.....	Galena-Signal Oil Company.....	66,154	Nov. 12	131	686
Oils. Lubricating, engine, cylinder, and miners'.....	G. P. Jones.....	61,807	Apr. 9	127	2387
Oils. Mineral.....	E. Junginger.....	64,984	Sept. 3	130	293
Oils. Olive.....	J. E. Athanassiades Sons.....	61,215	Mar. 12	127	841
Oils. Petroleum.....	F. B. Hooper.....	60,306	Feb. 5	126	2182
Oils, varnishes, and japans. Paint.....	Worden Meeker Co.....	65,602	Oct. 8	130	1684
Oiled waterproof garments.....	Maryland Oiled Clothing Co.....	60,072	Jan. 29	126	1767
Oilers. Hand.....	Cushman & Denison Manufacturing Company.....	59,958	Jan. 22	126	1350
Ointment.....	W. H. Server.....	59,298	Jan. 1	126	384
Ointment.....	K. M. Brown.....	59,775	Jan. 15	126	1060
Ointment.....	F. Henkelman.....	60,627	Feb. 12	126	2585
Ointment.....	Musterole Co.....	61,014	Feb. 26	126	3419
Ointment.....	J. W. Shults.....	64,668	Aug. 20	129	3153
Ointment.....	R. N. Gilmore.....	65,736	Oct. 22	130	2365
Ointment.....	Thompson Drug Co.....	65,860	Oct. 29	130	2713
Ointment.....	Robinson Bros. & Company.....	66,224	Nov. 19	131	935
Ointment and a medicinal powder.....	H. B. Garrigues.....	63,069	June 4	128	2080
Ointment and salve.....	Appen-D-Form Company.....	64,450	Aug. 6	129	2496
Ointment and skin food.....	A. B. Seelye Med. Co.....	60,438	Feb. 5	126	2186
Ointment. Carbolic.....	Van Vleet-Mansfield Drug Co.....	61,204	Mar. 5	127	389
Ointment. Eye.....	W. M. Judd.....	62,888	May 28	128	1684
Ointment. Eye.....	W. H. Wakefield.....	62,918	May 28	128	1681
Ointment for piles, cuts, burns, &c.....	James W. Foster Co.....	61,666	Apr. 2	127	1986
Ointment for skin diseases.....	Kirby Chemical Company.....	59,292	Jan. 1	126	384
Ointment. Itch.....	Van Vleet-Mansfield Drug Co.....	61,207	Mar. 5	127	389
Ointment or salve.....	C. A. Merrill.....	62,472	May 7	128	451
Ointment. Pile.....	K. McMahon.....	62,454	May 7	128	451
Ointment. Wild-honey.....	K K K Medicine Company.....	62,987	June 4	128	2078
Ointments.....	Burdg Brothers.....	59,510	Jan. 8	126	752
Ointments.....	Actien-Gesellschaft für Anilin-Fabrikation.....	61,003	Feb. 26	126	3419
Ointments.....	Pitman-Myers Company.....	61,758	Apr. 2	127	1988
Ointments.....	Gedformol Manufacturing Company of Baltimore City.....	62,433	May 7	128	450
Ointments.....	R. Hudnut's Pharmacy.....	63,757	July 9	129	863
Ointments.....	Foster-McClellan Company.....	63,779	July 9	129	864
Ointments.....	H. Hogshead.....	65,738	Oct. 22	130	2365
Oives.....	American Olive Company.....	61,825	Apr. 9	127	2387
Oives and olive-oil.....	American Olive Company.....	59,882	Jan. 22	126	1348
Oives and olive-oil.....	Siegel Cooper & Co.....	63,108	June 4	128	2081
Oives and olive-oil.....	American Olive Company.....	63,253	June 11	128	2524
Oives, olive-oil, and dried and evaporated fruits.....	F. C. Bushnell Co.....	61,830	Apr. 9	127	2388
Opera and field glasses and binoculars.....	A. Taussig.....	59,649	Jan. 15	126	1056
Ophthalmometers.....	F. A. Hardy & Co.....	63,333	June 18	128	2829
Optical apparatus, appliances, &c.....	Firm of C. Zeiss.....	62,340	Apr. 30	127	3637
Optical appliances and instruments. Certain.....	F. A. Hardy & Co.....	65,293	Sept. 17	130	972
Optical projecting apparatus and films.....	New York Vitak Company.....	65,124	Sept. 10	130	650
Ordnance, parts thereof, and unloaded projectiles.....	American and British Manufacturing Co.....	65,409	Sept. 24	130	1304
Ore-concentrators.....	Risdon Iron & Locomotive Works.....	61,424	Mar. 19	127	1249
Ore-crushers.....	Risdon Iron & Locomotive Works.....	64,755	Aug. 20	129	5155
Organs. Pipe.....	L. D. Morris.....	61,711	Apr. 2	127	1987
Organs. Reed.....	Carpenter Company.....	59,869	Jan. 22	126	1348
Ornamental objects. Certain.....	A. Mayet.....	63,399	June 18	128	2831
Ovens, and stoves and burners. Certain.....	J. Clarey.....	63,115	June 4	128	2081
Ovens. Bakers'.....	E. A. C. Petersen.....	64,225	July 30	129	2068
Ovens. Portable bake.....	Middleby Oven Manufacturing Company.....	65,597	Oct. 8	130	1684
Overalls and jumpers.....	Hooker Corser & Mitchell Company.....	63,232	June 11	128	2523
Overalls and pantaloons.....	Rice, Stix Dry Goods Company.....	62,845	May 28	128	1683
Overalls, blouses, coats, vests, and trousers.....	Oshkosh Clothing Manufacturing Company.....	60,082	Jan. 29	126	1767
Overalls, coats, and pants.....	Pandora Overall Company.....	65,568	Oct. 8	130	1683
Overalls, coats, pants, and vests.....	A. Kory & Sons.....	59,330	Jan. 8	126	747
Overalls, coats, pants, and vests.....	A. Kory & Sons.....	59,331	Jan. 8	126	747
Overalls, pants, and coats.....	Joplin Overall Company.....	62,860	May 28	128	1683
Overalls, pants, and coats.....	Joplin Overall Company.....	62,861	May 28	128	1683
Overalls, pants, and coats.....	Clover Leaf Overall Mfg. Co.....	64,133	July 23	129	1606
Overalls, pants, and coats.....	Joplin Overall Company.....	65,102	Sept. 10	130	649
Overalls, pants, and denim jackets.....	Happ Brothers Company.....	66,515	Dec. 10	131	1681
Overcoats and suits.....	Wm. H. Richardson Co.....	60,121	Jan. 29	126	1768
Overcoats, coats, pants, and vests.....	J. A. Marks.....	66,427	Nov. 26	131	1157

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Overcoats, coats, vests, pants, and trousers	M. L. Rosenthal.....	63,819	July 9	129	865
Overshirts. Men's	Bates Street Shirt Co.	63,358	June 18	128	2830
Oxygen and peroxid of hydrogen. Products for the production of	Société l'Oxylithe.....	59,208	Jan. 1	126	382
Oxygen-generating apparatus.....	Roessler & Hasslacher Chemical Co.	61,624	Mar. 26	127	1575
Oysters and canned fish	C. Callahan Co.	65,800	Oct. 22	130	2367
Oysters. Fresh	Morgan Oyster Company.....	64,445	Aug. 6	129	2496
Packing	E. C. Garratt.....	66,762	Dec. 24	131	2141
Packing-boxes for pistons and piston and valve rods	Ideal Automatic Pump Governor Co.	64,032	July 23	129	1603
Packing. Certain machinery	B. F. Goodrich Company.....	65,419	Sept. 24	130	1305
Packing. Certain machinery	B. F. Goodrich Company.....	65,420	Sept. 24	130	1305
Packing. Certain machinery	B. F. Goodrich Company.....	65,421	Sept. 24	130	1305
Packing. Certain machinery	B. F. Goodrich Company.....	65,469	Oct. 8	130	1681
Packing. Certain machinery	B. F. Goodrich Company.....	65,470	Oct. 8	130	1681
Packing. Machinery	American Goetze-Gasket & Packing Co.	62,806	May 28	128	1682
Packing. Machinery	B. F. Goodrich Company.....	66,351	Nov. 26	131	1155
Packing materials for preventing leakage of fluids.....	Chicago Bailey Company.....	63,141	June 11	128	2521
Packing. Metallic.....	Strong Machinery & Supply Co.	61,536	Mar. 26	127	1573
Packing. Metallic.....	Chicago Bailey Company.....	62,920	May 28	128	1685
Packing. Piston, rod, and joint.....	Howland-Shearman Engineering Co.	63,935	July 16	129	1262
Packing. Piston, rod, and joint.....	Howland-Shearman Engineering Co.	63,936	July 16	129	1262
Packing. Plaited fibrous	Wilpaco Packing Company.....	66,242	Nov. 19	131	936
Packing. Rawhide	Mabbs Hydraulic Packing Co.	62,405	May 7	128	449
Packing. Sheet.....	Garlock Packing Company.....	63,019	June 4	128	2079
Packing. Steam and pressure	I. X. L. Steam Packing Manufacturing Co.	59,105	Jan. 1	126	379
Packings and packing material. Metallic, rubber, and fibrous.....	Pennsylvania Metallic Packing Co.	63,914	July 16	129	1261
Packings. Steam and water	Johns-Pratt Company.....	59,483	Jan. 8	126	751
Padlocks.....	W. Bingham Company.....	64,535	Aug. 13	129	2852
Paint	Rossing Paint & Roofing Co.	61,061	Mar. 5	127	385
Paint	J. Lucas & Co.	61,469	Mar. 26	127	1571
Paint	L. Sonneborn Sons.....	62,512	May 14	128	879
Paint	Joseph Dixon Crucible Company.....	62,783	May 28	128	1681
Paint	W. D. Craig.....	62,952	June 4	128	2077
Paint	Lincoln Waterproof Cloth Co.	64,499	Aug. 13	129	2851
Paint. Aluminium	Holzappel's Compositions Company.....	62,781	May 28	128	1681
Paint and paint compounds.....	Paraffine Paint Co.	65,279	Sept. 17	130	972
Paint and varnish. Composition for removing	J. Lucas & Co.	61,467	Mar. 26	127	1571
Paint and varnish driers	Lefranc & Co.	63,174	June 11	128	2522
Paint and varnish remover	Berry Brothers.....	63,327	June 18	128	2829
Paint and varnish removing compound	Schottler & Habert.....	64,505	Aug. 13	129	2851
Paint and varnish solvents and removers	T. R. Wyles.....	66,568	Dec. 10	131	1683
Paint. Antirust and acid-resisting	Carbolineum Wood Preserving Co.	60,992	Feb. 26	126	3418
Paint. Certain	Jenkins Paint and Oil Co.	62,660	May 21	128	1286
Paint. Cold-water.....	Troy Cold Water Kalsomine Company.....	63,479	June 25	128	3281
Paint. Damp-proof.....	Dexter Brothers Company.....	66,020	Nov. 5	131	354
Paint. Enamel	Le Ripolin (Société Anonyme Française de peintures Laquées et d'enduits sous-marins procédés Lefranc & Briegleb réunis).	61,062	Mar. 5	127	385
Paint enamel, and varnish	Hockaday Paint Company.....	65,885	Oct. 29	130	2714
Paint. Gold	G. Benda.....	64,416	Aug. 6	129	2493
Paint. Gold	G. Benda.....	64,417	Aug. 6	129	2495
Paint. Gold	Welsh and Jones.....	66,779	Dec. 24	131	2141
Paint. Graphite	United States Graphite Company.....	62,971	June 4	128	2077
Paint. Green	J. Lucas & Co.	64,036	July 23	129	1603
Paint. Insulating.....	Toch Brothers.....	65,691	Oct. 15	130	2063
Paint. Mixed	Starkweather & Williams Co.	64,178	July 30	129	2067
Paint, mixed paint, and enamels	Holzappel's Compositions Company.....	61,631	Apr. 2	127	1985
Paint. Paste	A. Burdsal Co.	64,056	July 23	129	1604
Paint-pigments	N. Z. Graves Co.	59,448	Jan. 8	126	751
Paint-pigments	Vane-Calvert Paint Co.	62,873	May 28	128	1683
Paint. Preservative and waterproof	W. J. Watson.....	66,566	Dec. 10	131	1683
Paint. Roofing.....	Pittsburg-Salt Lake Oil Co.	65,891	Oct. 29	130	2714
Paint, varnish, and enamel. Certain.....	Hockaday Paint Company.....	66,558	Dec. 10	131	1682
Paint. Waterproof structural and roof	Eclipse Paint & Manufacturing Company.....	59,376	Jan. 8	126	749
Paints	Lefranc & Co.	63,470	June 25	128	3281
Paints	Teredo Proof Paint Company.....	63,820	July 9	129	865
Paints.....	Aqualite Fire Proofing Paint Co. of New York.	65,664	Oct. 15	130	2062
Paints.....	Northern Manufacturing Company.....	66,236	Nov. 19	131	935
Paints.....	Schoellkopf, Hartford & Hanna Company.....	66,238	Nov. 19	131	935
Paints and certain painters' materials.....	Adams & Elting Co.	60,287	Feb. 5	126	2182
Paints and painted materials. Certain.....	Lowie Brothers Company.....	65,447	Sept. 24	130	1305
Paints and painters' materials. Certain.....	John F. Lewis & Bros. Co.	59,444	Jan. 8	126	750
Paints and painters' materials. Certain.....	J. Lucas & Co.	59,889	Jan. 22	126	1349
Paints and painters' materials. Certain.....	Howe & French.....	60,680	Feb. 19	126	3034
Paints and painters' materials. Certain.....	L. H. Backeland.....	63,259	June 11	128	2524
Paints and painters' materials. Certain.....	Acme White Lead & Color Works.....	63,481	June 25	128	3281
Paints and painters' materials. Certain.....	J. Lucas & Co.	64,742	Aug. 20	129	3155
Paints and painters' materials. Certain.....	Lowie Bros. Co.	64,985	Sept. 3	130	294
Paints and painters' materials. Certain.....	C. H. Howell & Co.	65,198	Sept. 10	130	651

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Paints and painters' materials. Certain.....	Standard Varnish Works.....	65,202	Sept. 10	130	652
Paints and painters' materials. Certain.....	Andrew Hanley Company.....	65,581	Oct. 8	130	1684
Paints and painters' materials. Certain.....	Peninsular Paint and Varnish Company.....	65,911	Oct. 29	130	2714
Paints and painters' materials. Certain named.....	Foy Paint & Glass Co.....	59,061	Jan. 1	126	378
Paints and painters' materials. Certain named.....	Standard Varnish Works.....	59,363	Jan. 8	126	748
Paints and varnishes.....	Copal Varnish Co.....	60,270	Feb. 5	126	2181
Paints and varnishes.....	Billings, King & Co.....	60,504	Feb. 12	126	2582
Paints and varnishes.....	Kelley-How-Thomson Co.....	65,200	Sept. 10	130	652
Paints and varnishes. Mixed.....	"Le Ripolin," (Société Anonyme Française de Peintures Laquées et d'Enduits Sous-Marins, Procédés Lefranc & Briegleb Réunis.).....	63,314	June 11	128	2525
Paints and varnishes. Oil.....	Flexible Compound Company.....	64,029	July 23	129	1603
Paints. Asphaltic and composite.....	Amalgamated Paint Company.....	62,947	June 4	128	2077
Paints. Certain.....	United States Graphite Company.....	63,352	June 18	128	2829
Paints. Certain.....	United States Graphite Company.....	63,353	June 18	128	2829
Paints. Certain.....	P. Piequet.....	64,019	July 16	129	1264
Paints, &c. Dry and mixed.....	Benjamin Moore & Company.....	63,466	June 25	128	3281
Paints, enamels, and bronze-powders.....	Baer Bros.....	59,868	Jan. 22	126	1148
Paints, enamels, fillers, &c.....	S. B. Bowen.....	66,418	Nov. 26	131	1156
Paints, enamels, stains, and varnishes.....	Dolphin White Lead & Color Works.....	60,453	Feb. 12	126	2581
Paints, enamels stains, and varnishes.....	Arne White Lead & Color Works.....	62,706	May 21	128	1287
Paints for steel structures, metal, wood, &c.....	Gillespie-Benedict Company.....	62,955	June 4	128	2077
Paints for steel structures, metal, wood, &c.....	Gillespie-Benedict Company.....	62,956	June 4	128	2077
Paints. Mineral.....	American Graphite Company.....	65,266	Sept. 17	130	972
Paints. Mixed.....	Knickerbocker Paint Company.....	61,808	Apr. 9	127	2387
Paints. Mixed.....	Tropical Oil Company.....	65,840	Oct. 22	130	2368
Paints. Mixed and paste.....	Atlas Paint Manufacturing Co.....	65,450	Sept. 24	130	1305
Paints. Preservative.....	C. L. Miller & Co.....	66,560	Dec. 10	131	1682
Paints. Ready-mixed.....	R. Shoemaker & Co.....	62,272	Apr. 30	127	3636
Paints. Roofing.....	Black Diamond Manufacturing Co.....	62,018	Apr. 16	127	2810
Painters' materials.....	Patterson Sargent Co.....	66,770	Dec. 24	131	2141
Painters' materials. Certain.....	S. H. French & Co.....	62,510	May 14	128	879
Painters' materials. Certain.....	Peninsular Paint and Varnish Company.....	62,960	June 4	128	2077
Painters' materials. Certain.....	S. Cabot.....	63,329	June 18	128	2829
Painters' materials. Certain.....	Eagle Paint & Varnish Company.....	63,332	June 18	128	2829
Painters' materials. Certain.....	Standard Varnish Works.....	63,350	June 18	128	2829
Painters' materials. Certain.....	Toch Brothers.....	63,351	June 18	128	2829
Painters' materials. Certain.....	Glidden Varnish Company.....	64,705	Aug. 20	129	3154
Painters' materials. Certain.....	Payson Varnish Co.....	64,750	Aug. 20	129	3155
Painters' materials. Certain.....	Acme White Lead & Color Works.....	66,757	Dec. 24	131	2141
Painters' materials. Certain named.....	Raritan Paint Company.....	59,390	Jan. 8	126	749
Painters' materials. Certain named.....	F. W. Devoe & C. T. Reynolds Co.....	59,437	Jan. 8	126	750
Painting. Gold preparations, colors, &c., for vitrifiable.....	Ball Chemical Co.....	62,503	May 14	128	879
Pamphlets and catalogues.....	John W. Hasburg Company.....	65,276	Sept. 17	130	972
Pamphlets and catalogues.....	Detrick & Harvey Machine Co. of Baltimore City.....	65,175	Sept. 10	130	651
Pamphlets and catalogues.....	Detrick & Harvey Machine Co. of Baltimore City.....	65,222	Sept. 10	130	652
Pamphlets relating to finance.....	Knickerbocker Audit Company.....	66,440	Nov. 26	131	1157
Panoramic views. Apparatus for the vision of.....	Société Anonyme Periphote et Photorama.....	63,292	June 11	128	2525
Pantaloon.....	J. Schoeneman.....	66,088	Nov. 5	131	356
Pants, coats, vests, and overalls.....	H. R. Stoepel.....	59,145	Jan. 1	126	380
Pants, overalls, jumpers, and shirts.....	Cox Blodgett Dry Goods Company.....	63,804	July 9	129	864
Paper and butter-wrappers. Waxed.....	Newark Paraffine & Parchment Paper Co.....	61,411	Mar. 19	127	1249
Paper and carbon-tissue, &c. Photographic.....	T. Manly.....	62,909	May 28	128	1684
Paper and cardboard. Certain named.....	Mittineague Paper Company.....	59,166	Jan. 1	126	381
Paper and envelopes.....	Raynor & Perkins Envelope Company.....	60,729	Feb. 19	126	3035
Paper and envelopes.....	Raynor & Perkins Envelope Company.....	60,730	Feb. 19	126	3035
Paper and envelopes.....	Raynor & Perkins Envelope Company.....	60,731	Feb. 19	126	3035
Paper and envelopes.....	Raynor & Perkins Envelope Company.....	60,732	Feb. 19	126	3035
Paper and envelopes.....	Raynor & Perkins Envelope Company.....	60,733	Feb. 19	126	3035
Paper and envelopes.....	Raynor & Perkins Envelope Company.....	60,734	Feb. 19	126	3035
Paper and envelopes.....	Raynor & Perkins Envelope Company.....	60,816	Feb. 19	126	3038
Paper and envelopes.....	Raynor & Perkins Envelope Company.....	62,761	May 21	128	1288
Paper and envelopes. Writing.....	Z. & W. M. Crane.....	62,589	May 14	128	881
Paper and envelopes. Writing.....	G. B. Hurd & Co.....	63,709	July 2	129	476
Paper and leather board.....	A. W. Case.....	64,913	Aug. 27	129	3497
Paper and paper-boards.....	Union Bag & Paper Company.....	63,687	July 2	129	475
Paper and paper-boards. Wrapping.....	Union Bag & Paper Company.....	61,121	Mar. 5	127	387
Paper and paper manufactures. Certain.....	J. E. Linde Paper Co.....	62,401	May 7	128	449
Paper and type-writer ribbons. Carbon.....	Corona Supply Co.....	61,727	Apr. 2	127	1987
Paper bags.....	Union Bag & Paper Company.....	59,504	Jan. 8	126	752
Paper bags.....	Schorsch & Co.....	60,492	Feb. 12	126	2582
Paper bags.....	Schorsch & Co.....	60,494	Feb. 12	126	2582
Paper bags.....	Union Bag & Paper Company.....	63,180	June 11	128	2522
Paper bags.....	Cleveland-Akron Bag Co.....	63,188	June 11	128	2522
Paper bags.....	Cleveland-Akron Bag Co.....	63,189	June 11	128	2522
Paper bags.....	Cleveland-Akron Bag Co.....	63,213	June 11	128	2523
Paper bags.....	Cleveland-Akron Bag Co.....	63,214	June 11	128	2523

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Paper bags.....	Cleveland-Akron Bag Co.....	63,215	June 11	128	2523
Paper bags.....	Cleveland-Akron Bag Co.....	63,452	June 18	128	2832
Paper bags.....	Cleveland-Akron Bag Co.....	63,453	June 18	128	2832
Paper bags.....	Cleveland-Akron Bag Co.....	63,454	June 18	128	2832
Paper bags.....	Cleveland-Akron Bag Co.....	63,455	June 18	128	2832
Paper bags.....	Cleveland-Akron Bag Co.....	63,456	June 18	128	2832
Paper bags.....	Cleveland-Akron Bag Co.....	63,457	June 18	128	2832
Paper bags.....	Cleveland-Akron Bag Co.....	63,458	June 18	128	2832
Paper bags.....	Union Bag & Paper Company.....	63,688	July 2	129	475
Paper bags.....	Schorsch & Co.....	66,239	Nov. 19	131	935
Paper bags.....	Cleveland-Akron Bag Co.....	66,605	Dec. 17	131	1935
Paper bags, paper, and paper-boards.....	Union Bag & Paper Company.....	62,600	May 14	128	881
Paper bags, wrapping-paper and paper-boards.....	Union Bag and Paper Company.....	62,141	Apr. 23	127	3209
Paper. Black print.....	E. G. Soltmann.....	59,858	Jan. 22	126	1348
Paper. Blotting.....	Standard Paper M'n'g. Co.....	60,945	Feb. 26	126	3417
Paper. Blue-print.....	Technical Supply Company.....	61,675	Apr. 2	127	1986
Paper boxes for jewelry.....	Mermod, Jaccard & King Jewelry Company.....	60,210	Jan. 29	126	1771
Paper. Building.....	McClellan Paper Company.....	63,982	July 16	129	1263
Paper. Carbon and chemical.....	E. Hassinger.....	60,192	Jan. 29	126	1770
Paper. Certain.....	James R. Crompton & Brothers.....	64,014	July 16	129	1264
Paper. Certain.....	James R. Crompton & Brothers.....	65,489	Oct. 8	130	1681
Paper. Certain.....	Mittineague Paper Company.....	65,496	Oct. 8	130	1681
Paper. Certain.....	C. Rohde.....	65,985	Nov. 5	131	353
Paper. Certain.....	Graham Paper Co.....	66,549	Dec. 10	131	1682
Paper. Certain.....	Graham Paper Co.....	66,550	Dec. 10	131	1682
Paper. Certain.....	Graham Paper Co.....	66,551	Dec. 10	131	1682
Paper. Certain.....	Graham Paper Co.....	66,552	Dec. 10	131	1682
Paper. Certain.....	Graham Paper Co.....	66,553	Dec. 10	131	1682
Paper. Certain.....	Graham Paper Co.....	66,554	Dec. 10	131	1682
Paper. Certain.....	Graham Paper Co.....	66,555	Dec. 10	131	1682
Paper. Cover.....	American Writing Paper Company.....	65,873	Oct. 29	130	2713
Paper. Cover.....	American Writing Paper Company.....	65,874	Oct. 29	130	2713
Paper. Cover.....	American Writing Paper Company.....	65,875	Oct. 29	130	2713
Paper. Cover.....	American Writing Paper Company.....	65,876	Oct. 29	130	2713
Paper. Cover.....	American Writing Paper Company.....	65,972	Nov. 5	131	353
Paper-cutting machines and knives therefor.....	Child Acme Cutter & Press Co.....	60,513	Feb. 12	126	2582
Paper. Drawing.....	E. G. Soltmann.....	59,715	Jan. 15	126	1058
Paper. Drawing.....	E. G. Soltmann.....	59,716	Jan. 15	126	1058
Paper. Drawing.....	E. G. Soltmann.....	59,859	Jan. 22	126	1348
Paper. Drawing.....	Keuffel & Esser Company.....	61,564	Mar. 26	127	1573
Paper. Drawing.....	Keuffel & Esser Company.....	61,585	Mar. 26	127	1574
Paper. Drawing.....	E. G. Soltmann.....	65,185	Sept. 10	130	651
Paper. Drawing and tracing.....	E. G. Soltmann.....	59,171	Jan. 1	126	381
Paper. Drawing and tracing.....	E. G. Soltmann.....	59,713	Jan. 15	126	1058
Paper. Drawing and tracing.....	E. G. Soltmann.....	59,714	Jan. 15	126	1058
Paper. Drawing and tracing.....	Technical Supply Company.....	60,176	Jan. 29	126	1770
Paper. Drawing and tracing.....	E. G. Soltmann.....	65,184	Sept. 10	130	651
Paper. Drawing and tracing.....	E. G. Soltmann.....	65,203	Sept. 10	130	652
Paper drinking-cups.....	Aseptic Drinking Cup Co.....	59,834	Jan. 22	126	1347
Paper. Fine writing.....	Whiting Paper Company.....	59,176	Jan. 1	126	381
Paper for use in writing, printing, and engraving. High-grade.....	Parsons Paper Co.....	61,530	Mar. 26	127	1572
Paper for use in writing, printing, and engraving. High-grade.....	Parsons Paper Co.....	61,587	Mar. 26	127	1574
Paper for use in writing, printing, and engraving. High-grade.....	Parsons Paper Co.....	61,588	Mar. 26	127	1574
Paper for use in writing, printing, and engraving. High-grade.....	Parsons Paper Co.....	61,589	Mar. 26	127	1574
Paper holders and cutters. Roll.....	United States Paper Cutter Co.....	62,466	May 7	128	451
Paper holders and cutters. Roll.....	United States Paper Cutter Co.....	63,508	June 25	128	3282
Paper. Ledger-index bristol.....	D. L. Jones & Company.....	63,166	June 11	128	2521
Paper. Ledger-index bristol.....	D. L. Jones & Company.....	63,167	June 11	128	2521
Paper manufactures. Certain.....	Levey Brothers & Company.....	59,853	Jan. 22	126	1348
Paper manufactures. Certain.....	Tengwall Company.....	60,177	Jan. 29	126	1770
Paper manufactures. Certain.....	Dameron-Pierson Co.....	60,189	Jan. 29	126	1770
Paper manufactures. Certain.....	Safety Systems Co.....	61,266	Mar. 12	127	842
Paper manufactures. Certain.....	Tiffany & Co.....	64,808	Aug. 20	129	3157
Paper novelties.....	B. Wilmsen.....	64,410	Aug. 6	129	2495
Paper oyster-pails.....	Chicago Folding Box Co.....	66,604	Dec. 17	131	1935
Paper, paper-boards, and paper bags. Wrapping.....	Union Bag & Paper Company.....	61,120	Mar. 5	127	387
Paper. Printing and writing.....	Perfect Safety Paper Co.....	62,802	May 28	128	1681
Paper. Printing and writing.....	Perfect Safety Paper Co.....	63,009	June 4	128	2078
Paper. Printing and writing.....	Graham Paper Co.....	66,590	Dec. 17	131	1935
Paper. Printing and writing.....	Graham Paper Co.....	66,591	Dec. 17	131	1935
Paper. Printing and writing.....	Graham Paper Co.....	66,592	Dec. 17	131	1935
Paper. Roofing, sheathing, and building.....	Barrett Manufacturing Company.....	64,835	Aug. 27	129	3495
Paper. Roofing, sheathing, and building.....	Barrett Manufacturing Company.....	65,091	Sept. 10	130	649
Paper. Roofing, sheathing, and building.....	Barrett Manufacturing Company.....	65,237	Sept. 17	130	971
Paper. Safety.....	Eclipse Safety Paper Company.....	64,112	July 23	129	1605
Paper. Safety.....	George La Monte & Son.....	66,452	Nov. 26	131	1157
Paper. Safety.....	George La Monte & Son.....	66,453	Nov. 26	131	1157
Paper. Sheathing.....	Barrett Manufacturing Company.....	62,774	May 28	128	1681
Paper. Stencil.....	Neostyle Company.....	63,911	July 16	129	1261
Paper-stock cutters and shredders.....	Taylor, Stiles & Co.....	64,006	July 16	129	1264
Paper, tablets, and pads. Writing.....	John Walker & Co.....	64,965	Sept. 3	130	293
Paper. Tissue.....	John Hoberg Co.....	62,749	May 21	128	1288
Paper. Tissue.....	James R. Crompton & Brothers.....	63,679	July 2	129	476
Paper. Tissue.....	James R. Crompton & Brothers.....	63,710	July 2	129	475
Paper. Tissue.....	James R. Crompton & Brothers.....	64,788	Aug. 20	129	3156
Paper. Toilet.....	Scott Paper Co.....	59,074	Jan. 1	126	378
Paper. Toilet.....	Scott Paper Co.....	59,233	Jan. 1	126	383
Paper. Toilet.....	Scott Paper Co.....	59,234	Jan. 1	126	383
Paper. Toilet.....	C. G. Mortimer.....	64,199	July 30	129	2068
Paper. Toilet.....	Jones & Skinner.....	65,199	Sept. 10	130	652

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Paper. Tracing.....	E. G. Soltmann.....	59,717	Jan. 15	126	1058
Paper. Tracing.....	E. G. Soltmann.....	65,500	Oct. 8	130	1682
Paper transfer-cases.....	Amberg File & Index Co.....	59,370	Jan. 8	126	749
Paper-trimming tool. Wall.....	Ridgely Trimmer Company.....	64,369	Aug. 6	129	2494
Paper. Type-writer.....	American Writing Paper Company.....	64,956	Sept. 3	130	293
Paper. Wall.....	Alfred Peats Co.....	62,789	May 28	128	1681
Paper. Wall.....	Webster & Prager Co.....	65,192	Sept. 10	130	651
Paper. Weekly.....	Sporting News Publishing Company.....	66,461	Nov. 26	131	1158
Paper. Wrapping.....	F. C. Traver.....	59,503	Jan. 8	126	752
Paper. Wrapping.....	Hanlon-Sharps Co.....	65,983	Nov. 5	131	353
Paper. Wrapping.....	Hanlon-Sharps Co.....	65,984	Nov. 5	131	353
Paper. Wrapping and printing.....	McClellan Paper Company.....	62,118	Apr. 16	127	2813
Paper. Writing.....	H. Lindenmeyr & Sons.....	59,827	Jan. 22	126	1347
Paper. Writing.....	H. Lindenmeyr & Sons.....	59,828	Jan. 22	126	1347
Paper. Writing.....	H. Lindenmeyr & Sons.....	60,164	Jan. 29	126	1770
Paper. Writing.....	Woronoco Paper Company.....	61,460	Mar. 19	127	1250
Paper. Writing.....	J. W. Butler Paper Co.....	63,677	July 2	129	476
Paper. Writing.....	American News Company.....	64,910	Aug. 27	129	3497
Paper. Writing.....	Taylor-Atkins Paper Company.....	64,974	Sept. 3	130	293
Paper. Writing.....	J. W. Butler Paper Co.....	65,479	Oct. 8	130	1681
Paper. Writing.....	J. W. Butler Paper Co.....	65,480	Oct. 8	130	1681
Paper. Writing.....	J. W. Butler Paper Co.....	65,481	Oct. 8	130	1681
Paper. Writing.....	J. W. Butler Paper Co.....	65,482	Oct. 8	130	1681
Paper. Writing.....	J. W. Butler Paper Co.....	65,483	Oct. 8	130	1681
Paper. Writing.....	J. W. Butler Paper Co.....	65,484	Oct. 8	130	1681
Paper. Writing.....	J. W. Butler Paper Co.....	65,485	Oct. 8	130	1681
Paper. Writing.....	J. W. Butler Paper Co.....	65,486	Oct. 8	130	1681
Paper. Writing.....	J. W. Butler Paper Co.....	65,487	Oct. 8	130	1681
Paper. Writing.....	J. W. Butler Paper Co.....	65,488	Oct. 8	130	1681
Paper. Writing and printing.....	George La Monte & Son.....	63,142	June 11	128	2521
Paper. Writing and printing.....	Worthy Paper Company.....	64,319	July 30	129	2071
Paper. Writing and printing.....	American Writing Paper Company.....	65,314	Sept. 17	130	973
Paper. Writing and printing.....	American Writing Paper Company.....	65,329	Sept. 17	130	973
Paper. Writing and printing.....	American Writing Paper Company.....	65,780	Oct. 22	130	2366
Paper. Writing and printing.....	American Writing Paper Company.....	65,781	Oct. 22	130	2367
Paper. Writing and printing.....	American Writing Paper Company.....	65,782	Oct. 22	130	2367
Paper. Writing and printing.....	American Writing Paper Company.....	65,783	Oct. 22	130	2367
Paper. Writing and printing.....	American Writing Paper Company.....	65,784	Oct. 22	130	2367
Paper. Writing and printing.....	American Writing Paper Company.....	65,785	Oct. 22	130	2367
Paper. Writing and printing.....	American Writing Paper Company.....	65,786	Oct. 22	130	2367
Paper. Writing and printing.....	American Writing Paper Company.....	65,787	Oct. 22	130	2367
Paper. Writing and printing.....	American Writing Paper Company.....	65,788	Oct. 22	130	2367
Paper. Writing and printing.....	American Writing Paper Company.....	65,789	Oct. 22	130	2367
Paper. Writing and printing.....	American Writing Paper Company.....	65,790	Oct. 22	130	2367
Paper. Writing and printing.....	American Writing Paper Company.....	65,791	Oct. 22	130	2367
Paper. Writing and printing.....	American Writing Paper Company.....	65,792	Oct. 22	130	2367
Paper. Writing and printing.....	American Writing Paper Company.....	65,973	Nov. 5	131	353
Paper. Writing and printing.....	American Writing Paper Company.....	65,974	Nov. 5	131	353
Paper. Writing and printing.....	American Writing Paper Company.....	65,975	Nov. 5	131	353
Paper. Writing and printing.....	American Writing Paper Company.....	65,976	Nov. 5	131	353
Paper. Writing and printing.....	American Writing Paper Company.....	65,977	Nov. 5	131	353
Paper. Writing and printing.....	American Writing Paper Company.....	65,978	Nov. 5	131	353
Paper. Writing and printing.....	American Writing Paper Company.....	66,092	Nov. 12	131	685
Paper. Writing and printing.....	American Writing Paper Company.....	66,435	Nov. 26	131	1157
Paper. Writing, bond, and ledger.....	Union Card & Paper Co.....	60,914	Feb. 26	126	3416
Paper. Writing, bond, and ledger.....	Union Card & Paper Co.....	62,253	Apr. 30	127	3635
Paper. Writing, printing, and ledger.....	Wiggins Teape & Co.....	60,931	Feb. 26	126	3417
Papers. Bond, ledger, linen, and writing.....	Union Card & Paper Co.....	63,181	June 11	128	2522
Papers. Certain named.....	Hampshire Paper Company.....	59,475	Jan. 8	126	751
Papers. Certain named.....	Hampshire Paper Company.....	59,476	Jan. 8	126	751
Papers. Certain named.....	Hampshire Paper Company.....	59,477	Jan. 8	126	751
Papers. Photographic.....	Cross Photo Paper Co.....	62,923	May 28	128	1685
Papers. Photographic-printing.....	Cross Photo Paper Co.....	64,440	Aug. 6	129	2496
Papers. Surface-coated engraving.....	Dill & Collins Co.....	62,344	Apr. 30	127	3638
Papers. Wall.....	James R. Crompton & Brothers.....	63,419	June 13	128	2831
Papers. Wrapping, tissue, news, book, and press.....	J. L. N. Smythe Company.....	63,275	June 11	128	2524
Paris-green.....	M. Herrmann & Co.....	66,556	Dec. 10	131	1682
Paris-green.....	M. Herrmann & Co.....	66,557	Dec. 10	131	1682
Paris-green.....	M. Herrmann & Co.....	66,719	Dec. 24	131	2140
Paste.....	A. S. Hoyt.....	59,609	Jan. 15	126	1055

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
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Paste. Adhesive.	Collodin Manufacturing Co.	60,097	Jan. 29	126	1768
Pastes or lotions. Facial or complexion.	De Jean Perfumery Company	62,218	Apr. 23	127	3211
Pasteboard.	McEwan Brothers.	64,196	July 30	129	2068
Pasteboard cases, boxes, and cartons.	C. C. Rahn.	66,771	Dec. 24	131	2141
Pastils.	John Wyeth and Brother.	63,076	June 4	128	2080
Pastry. Certain.	A. T. Dietz.	61,558	Mar. 26	127	1573
Patterns for garments. Paper.	Crowell Publishing Company	59,822	Jan. 22	126	1347
Patterns for ladies' dresses and parts thereof.	A. Mayer.	63,963	July 16	129	1263
Pavements and sidewalks. Bituminous.	Warren Brothers Company.	64,449	Aug. 6	129	2491
Pavements. Bituminous concrete.	Barber Asphalt Paving Company.	63,140	June 11	128	2521
Pavements. Oil.	H. L. Lilienthal.	64,837	Aug. 27	129	3495
Paving and roofing material.	Apfel & Earnest.	62,193	Apr. 23	127	3210
Peaches. Fresh.	J. M. Hampton.	62,038	Apr. 16	127	2811
Peaches. Fresh.	Chandler Nursery Co.	64,084	July 23	129	1604
Peaches. Fresh.	Chandler Nursery Co.	64,276	July 30	129	2070
Peanuts.	E. W. Brewer.	63,718	July 2	129	476
Pegs. Wooden.	Kearsarge Peg Company.	59,257	Jan. 1	126	383
Pencil-sharpeners.	Eagle Pencil Company.	65,342	Sept. 17	130	974
Pencils.	Joseph Dixon Crucible Company.	63,119	June 4	128	2081
Pencils.	Cushman & Denison Manufacturing Company.	64,352	Aug. 6	129	2493
Pencils and point-protectors. Lead.	American Lead Pencil Company.	60,469	Feb. 12	126	2581
Pencils and rubber erasers. Lead.	E. Faber.	66,363	Nov. 26	131	1155
Pencils. Lead.	Eagle Pencil Company.	60,765	Feb. 19	126	3036
Pencils. Lead.	Eagle Pencil Company.	61,620	Mar. 26	127	1575
Pencils. Lead.	Eagle Pencil Company.	64,279	July 30	129	2070
Pencils. Lead.	American Lead Pencil Company.	64,909	Aug. 27	129	3497
Pencils. Lead.	Eagle Pencil Company.	64,963	Sept. 3	130	293
Pencils. Lead.	E. Faber.	66,358	Nov. 26	131	1155
Pencils. Lead.	E. Faber.	66,359	Nov. 26	131	1155
Pencils. Lead.	E. Faber.	66,360	Nov. 26	131	1155
Pencils. Lead.	E. Faber.	66,361	Nov. 26	131	1155
Pencils. Lead.	E. Faber.	66,362	Nov. 26	131	1155
Pencils. Lead and crayon.	Joseph Dixon Crucible Company.	63,498	June 25	128	3282
Pencils. Lead and crayon.	Joseph Dixon Crucible Company.	63,528	June 25	128	3282
Pens and parts thereof. Fountain.	Wm. Bolles Company.	64,954	Aug. 27	129	3498
Pens. Fountain.	Eagle Pencil Company.	59,603	Jan. 15	126	1055
Pens. Fountain.	F. H. Mooney.	62,119	Apr. 16	127	2813
Pens. Fountain.	F. C. Brown.	63,826	July 9	129	865
Pens. Metallic.	Basterbrook Steel Pen Mfg. Co.	63,490	June 25	128	3281
Pens, pen feeds, caps, and barrels. Fountain.	L. E. Waterman Company.	59,703	Jan. 15	126	1058
Pens, penholders, and lead-pencils.	E. Faber.	60,457	Feb. 12	126	2581
Pens. Steel.	M. Voorsanger.	59,111	Jan. 1	126	379
Pens. Steel.	Levison & Blythe Manufacturing Company.	63,175	June 11	128	2522
Pens. Steel.	E. J. Soltmann.	65,191	Sept. 10	130	651
Pens. Steel.	E. G. Soltmann.	65,688	Oct. 15	130	2063
Pens. Steel.	Perry & Company.	65,834	Oct. 22	130	2368
Pens. Stylographic fountain.	J. Kearney & Co.	66,269	Nov. 19	131	936
Pens. Writing and drawing.	C. Howard Hunt Pen Company.	64,960	Sept. 3	130	293
Penholders.	Eagle Pencil Company.	65,196	Sept. 10	130	651
Pepper. Compound.	J. D. Tash.	63,112	June 4	128	2081
Pepsin.	S. E. Ullman.	64,317	July 30	129	2071
Peptonized beef and bread.	John Wyeth and Brother.	60,606	Feb. 12	126	2585
Percales.	Rice, Stix Dry Goods Company.	62,558	May 14	128	880
Percaline.	F. Butterfield & Co.	64,437	Aug. 6	129	2496
Perfume.	W. W. Gavitt Chemical Co.	62,037	Apr. 16	127	2810
Perfume base. Violet.	Haarmann de Laire Schaefer Co.	66,217	Nov. 19	131	935
Perfume mixture. Breath.	Moxit Chemical Co.	64,313	July 30	129	2071
Perfumes.	Wm. B. Riker & Son Company.	62,232	Apr. 23	127	3212
Perfumes.	Holden Drug Co.	62,982	June 4	128	2078
Perfumes.	J. L. Grossmith.	65,630	Oct. 15	130	2061
Perfumes.	T. Hetherington.	66,268	Nov. 19	131	936
Perfumes, &c., and certain named toilet preparations.	Lazell, Dalley & Co.	59,260	Jan. 1	126	383
Perfumes and perfumed toilet powders.	S. Palmer.	66,456	Nov. 26	131	1153
Perfumes and toilet waters.	Colgate & Co.	63,264	June 11	128	2524
Perfumes, sachet, face, and talcum powders and toilet washes.	Smith Kline & French Co.	60,615	Feb. 12	126	2585
Perfumes, toilet waters and powders, and sachets.	Ladd & Coffin.	63,781	July 9	129	864
Perfumes, toilet waters, &c.	F. Loeser & Co.	65,565	Oct. 8	130	1683
Perfumeries.	Action-Gesellschaft für Anilin-Fabrikation.	64,995	Sept. 3	130	294
Perfumeries, triple extract, toilet water, &c.	M. L. Babcock.	64,674	Aug. 20	129	3153
Perfumery.	Société Guerlain.	65,576	Oct. 8	130	1684
Perfumery and cologne.	Hall & Ruckel.	60,603	Feb. 12	126	2585
Perfumery and face-tints.	Société Guerlain.	65,575	Oct. 8	130	1684
Perfumery and toilet and bath washes.	Smith Kline & French Co.	60,616	Feb. 12	126	2585
Perfumery, talc powder, and toilet water.	Colgate & Co.	60,830	Feb. 19	126	3038
Perfumery, talc powder, and toilet water.	Colgate & Co.	62,050	Apr. 16	127	2811
Periodical.	F. Brady.	59,695	Jan. 15	126	1058
Periodical.	Detective Publishing Company.	60,932	Feb. 26	126	3417
Periodical.	Confectioners' Journal Publishing Co.	61,437	Mar. 19	127	1249
Periodical.	Ware Bros. Company.	61,457	Mar. 19	127	1250
Periodical.	Ware Bros. Company.	61,458	Mar. 19	127	1250
Periodical.	National Baker Publishing Company.	62,326	Apr. 30	127	3637
Periodical.	Garfield Savings Bank Co.	63,523	June 25	128	3282
Periodical.	Mercer & Co.	63,712	July 2	129	476
Periodical.	Brooklyn Daily Eagle.	63,892	July 16	129	1261
Periodical.	Hale Publishing Co.	66,861	Dec. 31	131	2413
Periodical. Monthly.	Board of Trustees of The American Marine Engineer.	59,534	Jan. 8	126	753
Periodical. Monthly.	W. J. Johnston.	61,115	Mar. 5	127	387
Periodical. Monthly.	David C. Cook Publishing Company.	62,128	Apr. 23	127	3209
Periodical. Monthly.	Vickery & Hill Publishing Co.	62,647	May 21	128	1285

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Title.	Name.	No.	Date.	Official Gazette.	
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Periodical publication.	A. W. Chambers.	61,107	Mar. 5	127	387
Periodical publications.	Browning Press.	61,413	Mar. 19	127	1249
Periodical. Semimonthly.	Review Publishing Company.	62,237	Apr. 23	127	3212
Periodical. Semimonthly.	Review Publishing Company.	62,238	Apr. 23	127	3212
Periodical. Weekly.	McGraw Publishing Co.	59,562	Jan. 8	126	754
Periodical. Weekly.	Havey & Darrow.	63,935	Feb. 26	126	3417
Periodical. Weekly.	Wilson Company.	62,099	Apr. 16	127	2812
Periodical. Weekly and monthly.	McGraw Publishing Co.	59,920	Jan. 22	126	1349
Periodicals.	Jewelers' Circular Publishing Co.	62,324	Apr. 30	127	3637
Periodicals.	Jewelers' Circular Publishing Co.	62,905	May 28	128	1684
Periodicals.	Jewelers' Circular Publishing Co.	63,276	June 11	128	2524
Periodicals.	Jewelers' Circular Publishing Co.	63,550	June 25	128	3283
Periodicals and magazines.	Ridgway Company.	60,737	Feb. 19	126	3036
Periodicals, bulletins, and directories.	J. R. Kendrick.	62,113	Apr. 16	127	2813
Periodicals. Weekly.	Jewelers' Circular Publishing Co.	63,897	July 16	129	1261
Petroleum and burning oils. Refined.	Pure Oil Company.	59,829	Jan. 22	126	1347
Petticoats and outer skirts.	Gilbert Manufacturing Company.	64,193	July 30	129	2068
Petticoats made of textile fabrics.	V. A. Boylen.	65,351	Sept. 24	130	1303
Pharmaceutical preparation. Certain.	F. A. Vogel.	60,242	Jan. 29	126	1772
Pharmaceutical preparation. Certain.	Ozajell Co.	62,890	May 28	128	1684
Pharmaceutical preparations. Certain.	A. M. E. Wandka.	61,461	Mar. 19	127	1250
Pharmaceutical preparations. Certain.	Pompeian Mfg. Co.	61,954	Apr. 9	127	2391
Pharmaceutical preparations. Certain.	Smith, Kline and French Company.	63,462	June 18	128	2832
Pharmaceutical preparations. Certain.	A. Flüge.	64,644	Aug. 13	129	2855
Pharmaceutical preparations. Certain.	Parthen Drug Co.	65,027	Sept. 3	130	295
Pharmaceutical preparations. Certain.	L. G. B. Erb.	65,225	Sept. 10	130	652
Pharmaceutical preparations. Certain.	Schandene & Lind.	65,381	Sept. 24	130	1304
Pharmaceutical preparations. Certain.	C. S. Welch & Co.	65,967	Nov. 5	131	353
Pharmaceutical preparations. Certain.	Pompeian Mfg. Co.	66,109	Nov. 12	131	685
Pharmaceutical preparations. Certain.	H. H. Lepper.	66,750	Dec. 24	131	2141
Phonographs.	Duplex Phonograph Co.	66,467	Dec. 3	131	1417
Phosphate. Bone.	Baugh & Sons Company.	63,359	June 18	128	2830
Photo-engravers' copper and zinc plates.	American Steel & Copper Plate Co.	59,343	Jan. 8	126	748
Photographic chemicals.	Cross Photo Paper Co.	64,872	Aug. 27	129	3496
Photographic developers.	Actien-Gesellschaft für Anilin-Fabrikation.	60,588	Feb. 12	126	2584
Photographic developers.	Actien-Gesellschaft für Anilin-Fabrikation.	60,589	Feb. 12	126	2584
Photographic developers.	Actien-Gesellschaft für Anilin-Fabrikation.	60,590	Feb. 12	126	2584
Photographic developers.	Actien-Gesellschaft für Anilin-Fabrikation.	60,714	Feb. 19	126	3035
Photographic developers.	Actien-Gesellschaft für Anilin-Fabrikation.	61,920	Apr. 9	127	2300
Photographic developers.	Actien-Gesellschaft für Anilin-Fabrikation.	62,087	Apr. 16	127	2812
Photographic dry-plates and films.	M. A. Seed Dry Plate Company.	65,506	Oct. 8	130	1682
Photographic film.	Eastman Kodak Co.	63,134	June 4	128	2082
Photographic papers. Certain.	C. Sawyer.	63,915	July 16	129	1261
Photographic plates.	G. Cramer Dry Plate Co.	59,024	Jan. 1	126	377
Photographic plates and films.	Actien-Gesellschaft für Anilin-Fabrikation.	60,467	Feb. 12	126	2581
Piano-action flanges.	F. C. Billings.	66,133	Nov. 12	131	686
Piano-players and pianos. Automatic.	Cable Company.	63,375	June 18	128	2830
Piano-players and self-playing pianos. Automatic.	Cable Company.	64,488	Aug. 13	129	2851
Piano-tuning pins.	W. Wagner, Jr.	61,143	Mar. 5	127	388
Piano-tuning pins.	W. Wagner, Jr.	61,144	Mar. 5	127	388
Pianos.	E. G. Harrington & Company.	59,100	Jan. 1	126	379
Pianos.	A. L. Creed.	59,159	Jan. 1	126	381
Pianos.	Hardman, Peck & Company.	59,163	Jan. 1	126	381
Pianos.	Richmond Piano Co.	59,499	Jan. 8	126	752
Pianos.	Melville Clark Piano Company.	59,543	Jan. 8	126	753
Pianos.	Starr Piano Company.	60,204	Jan. 29	126	1771
Pianos.	O. Dreher.	60,325	Feb. 5	126	2183
Pianos.	C. A. Ahlstrom.	62,550	May 14	128	880
Pianos.	G. W. Gittins.	63,746	July 9	129	863
Pianos.	Schumann Piano Company.	64,245	July 30	129	2069
Pianos.	S. W. Miller Piano Co.	66,673	Dec. 17	131	1937
Pianos and automatic piano-players.	Cable Company.	63,091	June 4	128	2081
Pianos and automatic piano-players.	Cable Company.	63,092	June 4	128	2081
Pianos and organs.	M. Schulz Co.	61,301	Mar. 12	127	843
Pianos and organs.	Starr Piano Co.	64,506	Aug. 13	129	2851
Pianos and organs. Self-playing.	Autotone Company.	63,743	July 9	129	863
Pianos and piano-players.	Roth & Engelhardt.	63,243	June 11	128	2523
Pianos and pianos with interior players.	Jacob Doll & Sons.	62,641	May 21	128	1285
Pianos and players. Combined.	Wilcox & White Company.	65,383	Sept. 24	130	1304
Pianos, automatic piano-players, and self-playing pianos.	Cable Company.	64,350	Aug. 6	129	2493
Pianos, mandolins, guitars, &c.	C. J. Heppé & Son.	62,110	Apr. 16	127	2812
Pianos, mandolins, guitars, banjos, and violins.	C. J. Heppé & Son.	60,234	Jan. 29	126	1771
Pianos, mandolins, guitars, banjos, and violins.	C. J. Heppé & Son.	60,235	Jan. 29	126	1772
Pickles.	Alart & McGuire.	63,731	July 2	129	474
Pickles and chow-chow.	Griggs, Cooper & Company.	59,103	Jan. 1	126	379
Pickles and vegetable and meat sauces.	F. Lazenby & Son.	60,860	Feb. 26	126	3415
Pickles and vinegar.	G. B. Gehlert.	62,805	May 28	128	1682
Pickles, mustard, catsup, &c.	A. Fazio.	62,170	Apr. 23	127	3210
Picture apparatus. Animated and moving.	J. Bianchi.	66,545	Dec. 10	131	1682
Picture apparatus. Animated and moving.	J. Bianchi.	66,546	Dec. 10	131	1682
Pie-fillings, preserves, and jellies.	M. Ams.	62,262	Apr. 30	127	3635
Pie-fillings, preserves, and jellies.	M. Ams.	64,565	Aug. 13	129	2853
Piece goods. Certain.	J. Lonke.	63,680	July 2	129	475
Piece goods or cloths.	J. Lonke.	59,068	Jan. 1	126	376
Pigment. White.	Picher Lead Company.	64,042	July 23	129	1603
Pigments. Lead.	Picher Lead Company.	63,339	June 18	128	2829
Pigments. Lead.	Picher Lead Company.	63,340	June 18	128	2829

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Title.	Name.	No.	Date.	Official Gazette.	
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Pile cure.	J. J. Hoar.	62,693	May 21	128	1286
Pillow tops and slips and laundry-bags.	Sondheim & Magnus.	66,431	Nov. 26	131	1157
Pills.	Potter Drug & Chemical Corporation.	60,612	Feb. 12	126	2585
Pills.	Radway & Company.	61,759	Apr. 2	127	1988
Pills.	J. Alexander.	64,251	July 30	129	2069
Pills.	J. Garst.	65,229	Sept. 10	130	652
Pills.	M. Leprince.	65,301	Sept. 17	130	972
Pills and headache-tablets.	J. L. Ward Medicine Company.	62,213	Apr. 23	127	3211
Pills and headache-tablets.	J. L. Ward Medicine Company.	62,301	Apr. 30	127	3636
Pills for curing rheumatism and gout.	R. Schoellkopf.	65,089	Sept. 3	130	296
Pills for diseases of the blood and nerves.	W. T. Hanson Co.	62,229	Apr. 23	127	3211
Pills for diseases of the blood and nerves.	W. T. Hanson Co.	62,230	Apr. 23	127	3211
Pills for diseases of the blood and nerves.	W. T. Hanson Co.	62,231	Apr. 23	127	3212
Pills for diseases of the stomach, liver, and bowels.	H. H. Johnson Co.	61,254	Mar. 12	127	842
Pills for female complaints.	H. B. Taylor.	66,852	Dec. 31	131	2413
Pills for the treatment of chills.	S. S. Wilhelm.	64,466	Aug. 6	129	2496
Pills. Laxative horse.	S. S. Berner.	65,850	Oct. 29	130	2717
Pills. Purgative.	E. Demourgues.	60,160	Jan. 29	126	1693
Pills. Vegetable.	Zebra Remedy Company.	63,991	July 16	129	1263
Pin receptacle. Hat.	Castle Braid Company.	64,773	Aug. 20	129	3156
Pins. Safety.	American Pin Company.	63,668	July 2	129	474
Pincers. Carpenters' and blacksmiths'.	Simmons Hardware Company.	60,001	Jan. 22	126	1352
Pine-extract pastils.	C. E. Fulford Limited.	64,256	July 30	129	2069
Pineapple and sugar. Combination of	Tropic Fruit Company.	59,078	Jan. 1	126	378
Pineapple-juice. Sweetened	Tropic Fruit Company.	59,148	Jan. 1	126	380
Pipe and solderless couplings and plumbers' tacks.	Modern Improvements Mfg. Co.	59,035	Jan. 1	126	377
Pipe-cleaners.	J. F. Forth.	60,429	Feb. 5	126	2185
Pipe couplings and unions	F. Williams.	64,953	Aug. 27	129	3498
Pipe-fittings. Brass and iron	H. Mueller Manufacturing Company.	66,513	Dec. 10	131	1681
Pipe-flanges, bands, and rings. Metal.	Railway Steel-Spring Company.	60,436	Feb. 5	126	2186
Pipe threading and cutting machines.	Curtis & Curtis Company.	62,279	Apr. 30	127	3636
Pipe-unions.	Kelly & Jones Company.	64,710	Aug. 20	129	3154
Pipes.	Reiss Bros. & Co.	62,138	Apr. 23	127	3209
Pipes.	Reiss Bros. & Co.	62,139	Apr. 23	127	3209
Pipes. Metal.	Continental Iron Works.	63,927	July 16	129	1262
Pitch and rosin.	Charles Zoller Co.	63,895	July 16	129	1261
Pitch. Coal-tar.	Barrett Manufacturing Company.	62,608	May 14	128	882
Planers, carvers, sanders, &c.	C. O. & A. D. Porter.	59,340	Jan. 8	126	748
Planers. Open-side.	Detrick & Harvey Machine Co. of Baltimore City.	66,264	Nov. 19	131	936
Planes.	Stanley Rule & Level Company.	66,827	Dec. 31	131	2412
Plant and vegetable food.	Albaugh Bros. Dover & Co.	64,843	Aug. 27	129	3495
Plant-fenders.	F. I. Stone & Company.	63,013	June 4	128	2078
Plants and cut flowers.	A. T. Lorch & Company.	62,513	May 14	128	879
Plants. Cabbage.	W. C. Geraty.	63,896	July 16	129	1261
Plants. Germ food for.	National Nitro-Culture Co.	59,449	Jan. 8	126	751
Plants. Strawberry.	W. W. Wallace.	64,180	July 30	129	2067
Plaster and proprietary medicine.	E. J. Weschcke.	65,408	Sept. 24	130	1304
Plaster formed of wood fiber.	Pittsburgh Plate Glass Company.	60,562	Feb. 12	126	2584
Plaster. Wall.	Sunderland Brothers Company.	64,762	Aug. 20	129	3156
Plasters and certain medicinal preparations.	Ichthyol Gesellschaft, Cordes, Hermann & Co.	61,010	Feb. 26	126	3419
Plasters and certain medicinal preparations.	Ichthyol Gesellschaft, Cordes, Hermann & Co.	61,011	Feb. 26	126	3419
Plasters and salves.	Medicinal Products Co.	62,455	May 7	128	451
Plasters. Calcined and casting.	S. H. French & Co.	62,834	May 28	128	1682
Plasters. Calcined and casting.	S. H. French & Co.	62,835	May 28	128	1682
Plasters. Corn.	Warriek Brothers.	64,841	Aug. 27	129	3495
Plasters. Corn.	L. T. Bugnizet.	65,290	Sept. 17	130	972
Plasters. Corn and bunion.	Bauer & Black.	61,694	Apr. 2	127	1986
Plasters. Corn and bunion.	Bauer & Black.	61,937	Apr. 9	127	2390
Plasters. Porous.	Alcock Manufacturing Co.	60,004	Jan. 22	126	1352
Plasters. Porous.	Alcock Manufacturing Co.	60,183	Jan. 29	126	1770
Plasters. Porous.	T. A. Slocum Co.	63,557	June 25	128	3283
Plasters. Wall.	Plymouth Gypsum Co.	61,310	Mar. 12	127	843
Plastics composed in part of pyroxylin or soluble cotton.	Celluloid Company.	59,629	Jan. 15	126	1056
Pliers.	Hammel, Riglander & Co.	60,524	Feb. 12	126	2583
Pliers.	Hammel, Riglander & Co.	62,997	June 4	128	2078
Pliers without a cutting edge.	Wiebusch & Hilger.	62,441	May 7	128	450
Plows.	Ohio Cultivator Co.	59,618	Jan. 15	126	1055
Plows.	Wiard Plow Company.	63,301	June 11	128	2525
Plows.	Brinly-Hardy Company.	64,929	Aug. 27	129	3498
Plows.	H. G. Moore.	66,335	Nov. 19	131	938
Plows and plow parts.	Deere & Company.	60,812	Feb. 19	126	3037
Plows, cultivators, and stock parts or shapes therefor.	Star Manufg Co.	62,597	May 14	128	881
Plows. Disk.	La Crosse Plow Company.	63,501	June 25	128	3282
Plows, harrows, and cultivators.	Hartig Becker Plow Co.	62,153	Apr. 23	127	3209
Plumbago.	Morgan Crucible Company.	64,342	Aug. 6	129	2493
Plumbago or graphite. Certain articles made of	Morgan Crucible Company.	63,199	June 11	128	2522
Plumbago or graphite for lubricating purposes.	Morgan Crucible Company.	62,757	May 21	128	1285
Pocket-books.	Ritter Bros.	60,174	Jan. 29	126	1770
Poison. Animal.	Stearns Electric Paste Co.	63,945	July 16	129	1262
Poison. Animal.	Stearns' Electric Paste Co.	64,560	Aug. 13	129	2853
Poisons for exterminating vermin.	Oriental Comp.	59,270	Jan. 1	126	384
Poison for gophers and prairie-dogs.	Mickelson Chemical Co.	64,663	Aug. 20	129	3153
Poison for rats, mice, &c.	E. S. Wells.	65,367	Sept. 24	130	1303
Poison. Insect.	H. L. Squires.	63,652	July 2	129	474
Polish. Certain.	F. V. Morse.	60,697	Feb. 19	126	3034
Polish. Certain.	F. V. Morse.	60,698	Feb. 19	126	3034
Polish. Certain.	F. V. Morse.	60,699	Feb. 19	126	3034
Polish. Certain.	F. V. Morse.	60,700	Feb. 19	126	3034
Polish. Certain.	F. V. Morse.	60,701	Feb. 19	126	3035
Polish. Certain.	F. V. Morse.	60,702	Feb. 19	126	3035
Polish. Certain.	F. V. Morse.	60,703	Feb. 19	126	3035

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Polish. Certain.	F. V. Morse.	60,704	Feb. 19	126	3035
Polish comprising black lead, plumbago, or graphite, and for stove-polish.	F. V. Morse.	61,306	Mar. 12	127	843
Polishing and plating compounds.	Argentina Company.	66,402	Nov. 26	131	1156
Polishing-cloths.	J. A. Kieferle.	66,025	Nov. 5	131	355
Pomade.	J. P. Ward.	65,643	Oct. 15	130	2061
Popcorn.	W. J. Madden.	64,595	Aug. 13	129	2853
Popcorn and mixed popcorn and peanuts coated with taffy.	Earl Manufacturing Company.	62,479	May 7	128	451
Porcelain articles. Certain.	Owen China Company.	61,570	Mar. 26	127	1573
Porcelain, stoneware, and earthenware, including jasper	Josiah Wedgwood & Sons.	60,198	Jan. 29	126	1771
Pork scraps, sausages, and bacon.	R. M. Burnett.	59,808	Jan. 15	126	1060
Pork-relish.	D. M. Bodine.	61,618	Mar. 26	127	1575
Pork-roll.	Taylor Provision Co.	61,356	Mar. 19	127	1247
Porter.	Standard Brewery Company of Baltimore City.	60,219	Jan. 29	126	1771
Porter.	Anheuser-Busch Brewing Association.	64,187	July 30	129	2067
Portraits and photographs.	Dixie Portrait & Frame Co.	62,129	Apr. 23	127	3209
Post and pole hole diggers.	Buckeye Manufacturing Company.	65,238	Sept. 17	130	971
Post-cards.	G. E. Boos.	64,101	July 23	129	1605
Post-cards.	J. & L. E. Gaunt.	65,754	Oct. 22	130	2366
Potash or lye. Caustic.	E. N. Hall.	60,601	Feb. 12	126	2585
Potash or lye. Caustic.	E. N. Hall.	60,602	Feb. 12	126	2585
Potash or lye. Caustic.	E. N. Hall.	61,944	Apr. 9	127	2391
Potato-chips.	New England Supply Co.	59,923	Jan. 22	126	1349
Potato-chips.	New England Supply Co.	59,924	Jan. 22	126	1349
Potato-chips.	T. B. Clewell & Son.	66,039	Nov. 5	131	355
Pottery and ceramic products. Fine.	Société Anonyme pour la Fabrication des Faïences fines et Produits Céramiques.	59,679	Jan. 15	126	1057
Poultry apparatus. Certain.	E. H. Graeszel.	63,070	June 4	128	2080
Powder.	Lafin & Rand Powder Company.	61,980	Apr. 16	127	2809
Powder.	Lafin & Rand Powder Company.	61,981	Apr. 16	127	2809
Powder.	Lafin & Rand Powder Company.	61,982	Apr. 16	127	2809
Powder.	Lafin & Rand Powder Company.	61,983	Apr. 16	127	2809
Powder.	Lafin & Rand Powder Company.	61,984	Apr. 16	127	2809
Powder.	Lafin & Rand Powder Company.	61,988	Apr. 16	127	2809
Powder and cream and hair-tonic. Face.	H. Mountain.	61,448	Mar. 19	127	1250
Powder and cream. Toilet.	S. W. Eames.	59,979	Jan. 22	126	1351
Powder and massage-cream. Talcum toilet.	E. Atwell.	62,101	Apr. 16	127	2812
Powder and paint. Lice.	Taylor Bros.	63,588	June 25	128	3284
Powder and paste. Tooth.	Peroxident Manufacturing Company.	62,209	Apr. 23	127	3211
Powder. Antiseptic.	Red Cross Powder Co.	65,741	Oct. 22	130	2365
Powder. Bug.	A. Nussey.	62,700	May 21	128	1287
Powder. Complexion.	J. A. Pozzoni Pharmacal Co.	61,162	Mar. 5	127	388
Powder. Complexion.	J. A. Pozzoni Pharmacal Co.	63,000	June 4	128	2078
Powder. Complexion.	J. A. Pozzoni Pharmacal Co.	63,001	June 4	128	2078
Powder. Explosive.	E. I. du Pont Company.	62,168	Apr. 23	127	3210
Powder. Explosive.	Independent Non-Freezing Powder Company.	65,442	Sept. 24	130	1305
Powder. Face.	Charles A. Stevens & Bros.	60,159	Jan. 29	126	1769
Powder. Gun.	E. I. du Pont Company.	62,169	Apr. 23	127	3210
Powder. Gun.	King Powder Company.	62,497	May 7	128	452
Powder. Gun.	King Powder Company.	63,959	July 16	129	1263
Powder. Gun.	E. I. du Pont Company.	64,355	Aug. 6	129	2493
Powder. Gun.	E. I. du Pont Company.	64,356	Aug. 6	129	2493
Powder. Gun.	Hazard Powder Company.	64,359	Aug. 6	129	2414
Powder. Gun.	Hazard Powder Company.	64,360	Aug. 6	129	2414
Powder. Gun.	Hazard Powder Company.	64,361	Aug. 6	129	2414
Powder. Gun.	Société Anonyme des Explosifs de Clermont Muller & Cie.	64,533	Aug. 13	129	2852
Powder. Gun and blasting.	Smokeless Powder and Cartridge Company.	62,498	May 7	128	452
Powder. Insect.	National Disinfectant Company.	61,196	Mar. 5	127	389
Powder. Oxygenated talcum.	N. E. Goldberg.	63,308	June 11	128	2525
Powder. Stomachic.	P. F. W. Barella.	59,180	Jan. 1	126	381
Powder. Stomachic.	P. F. W. Barella.	59,509	Jan. 8	126	752
Powder. Talcum.	Summit City Soap Works.	59,770	Jan. 15	126	1059
Powder. Talcum.	Pacific Coast Borax Co.	64,859	Aug. 27	129	3496
Powder. Toilet.	Amolin Chemical Company.	59,178	Jan. 1	126	381
Powder. Toilet.	Fra-Nol Toilet Powder Co.	59,513	Jan. 8	126	752
Powder. Toilet.	Comfort Powder Company.	59,776	Jan. 15	126	1060
Powder. Toilet.	E. D. Ellis.	60,019	Jan. 22	126	1352
Powder. Toilet.	E. French.	60,228	Jan. 29	126	1771
Powder. Toilet.	J. Carrington Company.	63,014	June 4	128	2078
Powder. Toilet.	C. Boucher.	66,634	Dec. 17	131	1936
Powder. Toilet.	Gerhard Mennen Chemical Co.	65,294	Sept. 17	130	972
Powder. Tooth.	S. H. Gunder.	59,250	Jan. 1	126	383
Powder. Tooth.	S. H. Gunder.	59,251	Jan. 1	126	383
Powder. Tooth.	S. H. Gunder.	60,600	Feb. 12	126	2585
Powder. Tooth.	T. Kobayashi.	61,013	Feb. 26	126	3419
Powder. Tooth.	Gerhard Mennen Chemical Co.	61,445	Mar. 19	127	1250
Powder. Tooth.	L. H. Pflughardt.	62,624	May 14	128	882
Powder. Tooth.	S. H. Gunder.	63,548	June 25	128	3283
Powder. Tooth.	S. H. Gunder.	63,549	June 25	128	3283
Powder. Tooth.	Chenev Chemical Co.	64,102	July 23	129	1605
Powder. Tooth.	E. S. Estlingen.	64,138	July 23	129	1606
Powder. Tooth.	A. P. Gardiner.	64,473	Aug. 6	129	2497
Powder. Tooth.	E. S. Estlingen.	66,834	Dec. 31	131	2412
Powder. Tooth and talcum.	R. E. Desmond.	62,219	Apr. 23	127	3211
Powder. Tooth, foot, and borated talcum.	J. C. Allen.	59,177	Jan. 1	126	381
Powders and hair-tonics. Tooth, face, toilet, and laxative	C. Suhr.	59,570	Jan. 8	126	754
Powders. Condition.	Van Vleet-Mansfield Drug Co.	63,450	June 18	128	2832
Powders. Headache.	P. Boehme.	62,104	Apr. 16	127	2812

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Powders. Sachet.....	L. T. Piver & Cie.....	64,647	Aug. 13	129	2855
Powders. Stock.....	C. C. Saunders.....	66,277	Nov. 19	131	936
Powders, toilet waters, and perfumes. Toilet.....	Hana Zono Company.....	65,555	Oct. 8	130	1683
Powders. Tooth.....	F. N. Rose.....	63,084	June 4	128	2080
Power-transmitting apparatus, clutches, &c.....	International Patent Corporation	66,720	Dec. 24	131	2140
Precious-metal goods. Certain.....	Jos. Mayer & Bros.....	66,878	Dec. 31	131	2413
Precious-metal ware. Certain solid and plated.....	J. Dixon & Sons.....	64,240	July 30	129	2069
Precious-metal ware. Solid and plated.....	American Soda Fountain Company.	60,244	Jan. 29	126	1772
Precious stones and jewelry.....	J. W. Mayer.....	66,141	Nov. 12	131	686
Preparation. Certain proprietary or pharmaceutical.....	Krieger Bros.....	59,984	Jan. 22	126	1351
Preparation for diseases of the nose and throat.....	John C. Lindsey Co.....	62,887	May 28	128	1684
Preparation for the cure of chills and fever.....	Hutchison Medicine Co.....	60,390	Feb. 5	126	2184
Preparation for the cure of dyspepsia.....	Booth's Hyomei Company.....	61,921	Apr. 9	127	2390
Preparation for the cure of dyspepsia.....	L. M. Green.....	62,696	May 21	128	1286
Preparation for the cure of skin diseases.....	Van Vleet-Mansfield Drug Co.....	61,206	Mar. 5	127	389
Preparation for the cure of venereal diseases.....	Van Vleet-Mansfield Drug Co.....	61,208	Mar. 5	127	389
Preparation for the feet.....	W. L. Dodge.....	60,161	Jan. 29	126	1770
Preparation for the treatment of ailments peculiar to females.....	Dr. Peter Fahrney & Sons Co.....	64,471	Aug. 6	129	2497
Preparation for the treatment of blood and skin diseases.....	Dr. Peter Fahrney & Sons Co.....	63,657	July 2	129	474
Preparation for the treatment of blood and skin diseases.....	Dr. Peter Fahrney & Sons Co.....	63,658	July 2	129	474
Preparation for the treatment of blood and skin diseases.....	Dr. Peter Fahrney & Sons Co.....	63,659	July 2	129	474
Preparation for the treatment of blood and skin diseases.....	Dr. Peter Fahrney & Sons Co.....	63,660	July 2	129	474
Preparation for the treatment of blood and skin diseases.....	Dr. Peter Fahrney & Sons Co.....	63,661	July 2	129	474
Preparation for the treatment of blood and skin diseases.....	Dr. Peter Fahrney & Sons Co.....	64,482	Aug. 6	129	2497
Preparation for the treatment of catarrh, &c.....	Katarno Company.....	63,592	June 25	128	3284
Preparation for the treatment of catarrh, &c.....	Katarno Company.....	63,593	June 25	128	3284
Preparation for the treatment of catarrh, &c.....	Katarno Company.....	63,594	June 25	128	3284
Preparation for the treatment of diseases of the blood and skin.....	Dr. Peter Fahrney & Sons Co.....	59,577	Jan. 8	126	754
Preparation for the treatment of diseases of the stomach and bowels.....	Dr. Peter Fahrney & Sons Co.....	64,104	July 23	129	1605
Preparation for the treatment of finger-nails.....	F. Harnisch.....	66,454	Nov. 26	131	1157
Preparation for the treatment of stomach and bowel diseases.....	Dr. Peter Fahrney & Sons Co.....	64,483	Aug. 6	129	2497
Preparation for the treatment of throat and lung diseases.....	L. M. Green.....	62,619	May 14	128	882
Preparation for treating venereal diseases.....	Bonkocine Chemical Co.....	62,049	Apr. 16	127	2811
Preparation for treatment of disorders of the kidneys.....	C. H. Beane.....	62,609	May 14	128	882
Preparation. Proprietary.....	F. M. Pitts, Jr.....	63,553	June 25	128	3283
Preparations for affections of the respiratory system.....	B. C. Ansley.....	60,439	Feb. 5	126	2186
Preparations for the removal of hair and blemishes from the skin.....	C. S. Rich.....	66,275	Nov. 19	131	936
Preserved ginger, olives, figs, and capers.....	R. U. Delapenha & Co.....	64,086	July 23	129	1604
Preserved pineapple and maraschino cherries.....	Rheinstrom, Bettman, Johnson & Co.	63,107	June 4	128	2081
Preserving and disinfecting agents.....	Montana Gesellschaft mit beschränkter Haftung.	66,726	Dec. 24	131	2140
Preserving compounds. Chemical.....	Protegit Company.....	66,376	Nov. 26	131	1155
Pretzels.....	Oakdale Baking Company.....	60,293	Feb. 5	126	2182
Pretzels.....	Oakdale Baking Company.....	65,403	Sept. 24	130	1304
Pretzels, cakes, crackers, biscuits, and bread.....	Oakdale Baking Company.....	60,460	Feb. 12	126	2581
Printers' quoins.....	Wickersham Quoin Company.....	65,952	Oct. 29	130	2715
Printers' quoins.....	Wickersham Quoin Company.....	65,953	Oct. 29	130	2715
Printing-plates. Apparatus for making stereotype.....	Campbell Printing Press & Manufacturing Co.	61,726	Apr. 2	127	1987
Printing plates. Relief.....	G. C. Thayer.....	61,179	Mar. 5	127	389
Printing-presses and parts thereof.....	Machine Sales Company.....	65,831	Oct. 22	130	2368
Prints. Black cotton.....	Eddystone Manufacturing Company.	59,326	Jan. 8	126	747
Projectiles and shields and parts for gun-carriages. Non-explosive.....	Taylor Iron & Steel Co.....	60,047	Jan. 22	126	1353
Propeller-wheels.....	Michigan Motor Company.....	60,369	Feb. 5	126	2184
Propeller-wheels for vessels.....	M. E. Hyde.....	59,064	Jan. 1	126	378
Prune-juice.....	Rheinstrom, Bettman, Johnson & Co.	63,106	June 4	128	2081
Prunes. Dried and evaporated.....	H. S. Gile & Company.....	62,066	Apr. 16	127	2811
Pruning shears and knives, hedge-shears, grass-hooks, and scythes.....	H. H. Hessenbruch.....	60,100	Jan. 29	126	1768
Publication. Monthly.....	R. M. Van Arsdale.....	62,337	Apr. 30	127	3637
Publication. Weekly.....	J. A. Gavin.....	66,876	Dec. 31	131	2413
Publications. Certain.....	A. J. Saalfeld.....	64,800	Aug. 20	129	3157
Pulleys. Power-distributing.....	A. L. Herkenhoff.....	64,709	Aug. 20	129	3154
Pulleys. Sash.....	F. E. Sloan.....	64,760	Aug. 20	129	3156
Pulp-board.....	Indestructible Fibre Company.....	65,477	Oct. 8	130	1681
Pulp-board.....	Indestructible Fibre Company.....	65,478	Oct. 8	130	1681
Pumps.....	J. E. Cameron.....	64,161	July 30	129	2067
Pumps and turbines.....	E. S. G. Rees.....	65,219	Sept. 10	130	652
Pumps, steam-engines, turbines, and parts thereof.....	Maschinenfabrik Oddeesse Gesellschaft mit beschränkter Haftung.	66,443	Nov. 26	131	1157
Pumps. Water.....	F. E. Myers & Brother.....	60,109	Jan. 29	126	1768
Punch. Arrac.....	Axel Bagge & Co.....	62,194	Apr. 23	127	3210
Punch. Arrack.....	Aktiebolaget Barthd. Dahlgren.....	62,675	May 21	128	1286
Punch. Arraks.....	C. A. Lindgren & Cis., Vinhandels Aktiebolag.	62,377	Apr. 30	127	3638
Punches.....	B. Lawrence Stationery Company.....	65,715	Oct. 22	130	2365
Purses. Leather.....	A. & E. Leather Goods Co.....	59,217	Jan. 1	126	382
Putty.....	Benjamin Moore & Company.....	63,992	July 16	129	1263
Puzzles.....	H. A. Wood.....	60,154	Jan. 29	126	1769
Puzzles.....	M. M. Decker.....	64,217	July 30	129	2068
Puzzles.....	Imperial Novelty Company.....	64,424	Aug. 6	129	2495
Puzzle.....	R. Haldenwang, Jr.....	66,662	Dec. 17	131	1937
Pyrographic outfits.....	F. F. Rick & Company.....	66,387	Nov. 26	131	1156
Quilts.....	Chas. A. Maish Co.....	59,658	Jan. 15	126	1057
Quilts.....	Sherman, Reid & Co.....	61,280	Mar. 12	127	842
Quinin. Basic salt of.....	H. Lacroix & Cie.....	65,167	Sept. 10	130	651
Radiator air-valves and damper-clips.....	L. J. Mueller Furnace Company.....	60,533	Feb. 12	126	2583
Radiator seat-valves.....	Thermograde Valve Co.....	64,044	July 23	129	1603

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Radiators.....	United States Radiator Company.	59,805	Jan. 15	126	1060
Radiators.....	American Radiator Company.....	60,637	Feb. 19	126	3033
Radiators.....	American Radiator Company.....	60,638	Feb. 19	126	3033
Radiators.....	American Radiator Company.....	60,639	Feb. 19	126	3033
Radiators.....	American Radiator Company.....	60,640	Feb. 19	126	3033
Radiators.....	American Radiator Company.....	60,641	Feb. 19	126	3033
Radiators.....	American Radiator Company.....	60,642	Feb. 19	126	3033
Radiators.....	American Radiator Company.....	60,673	Feb. 19	126	3034
Radiators for automobiles.....	A-Z. Co.....	61,936	Apr. 9	127	2390
Railway cross-ties.....	Consolidated Cross-Tie Company.....	63,741	July 2	129	476
Railway equipment. Certain.....	Railway Steel-Spring Company.....	60,141	Jan. 29	126	1769
Railway equipment. Certain.....	Railway Steel-Spring Company.....	60,347	Feb. 5	126	2183
Railway equipment. Certain.....	Taylor Iron & Steel Co.....	60,437	Feb. 5	126	2186
Railway equipment. Certain.....	Latrobe Steel and Coupler Company.....	60,535	Feb. 12	126	2583
Railway equipment. Certain.....	Fried. Krupp Aktiengesellschaft.....	62,283	Apr. 30	127	3636
Railway street-sprinklers.....	J. G. Brill Company.....	66,328	Nov. 19	131	938
Rain-coats, coats, waists, and skirts.....	I. A. Harris & Bro.....	65,559	Oct. 8	130	1683
Rain-coats. Waterproof.....	M. Silberman.....	63,059	June 4	128	2080
Raisins.....	Griffin & Skelley Co.....	61,845	Apr. 9	127	2398
Raisins.....	Griffin & Skelley Co.....	61,857	Apr. 9	127	2398
Raisins.....	Rosenberg Bros. & Co.....	64,574	Aug. 13	129	2853
Rakes, shovels, trowels, &c. Garden.....	Trout Hardware Company.....	62,766	May 21	128	1288
Ranges.....	Maileable Iron Range Co.....	63,856	July 9	129	866
Ranges and stoves.....	Wrought Iron Range Company.....	61,357	Mar. 19	127	1247
Ranges, stoves, and heaters and vapor stoves and ovens. Gas.....	American Stove Company.....	62,658	May 21	128	1285
Ranges, stoves, heaters, &c. Gas.....	American Stove Company.....	62,501	May 14	128	879
Rat and roach exterminator.....	Stearns Electric Paste Co.....	60,395	Feb. 5	126	2185
Rat and roach exterminator.....	Stearns Electric Paste Co.....	60,396	Feb. 5	126	2185
Rat and roach exterminator.....	Stearns Electric Paste Co.....	61,655	Apr. 2	127	1985
Rat and roach exterminator.....	Stearns Electric Paste Co.....	63,294	June 11	128	2525
Rat, vermin, and insect destroyer or exterminator.....	H. C. Spetzler.....	61,742	Apr. 2	127	1988
Rat, vermin, and insect destroyers and exterminators.....	E. S. Wells.....	59,991	Jan. 22	126	1351
Razor-hones.....	Sunset Hone Co.....	66,730	Dec. 24	131	2140
Razor-paste.....	J. H. Leek.....	61,809	Apr. 9	127	2387
Razor-strops.....	Radiumite Company.....	59,963	Jan. 22	126	1351
Razor-strops.....	Kampfe Bros.....	62,811	May 28	128	1682
Razor-strops.....	Sealskin Swaty Strop Co.....	64,075	July 23	129	1604
Razor-strops.....	M. L. Brandt.....	64,487	Aug. 13	129	2851
Razors.....	Shumate Razor Company.....	60,986	Feb. 26	126	3418
Razors.....	International Cutlery Company.....	61,152	Mar. 5	127	388
Razors.....	Wm. Elliot & Co.....	61,520	Mar. 26	127	1572
Razors.....	Wm. Elliot & Co.....	61,521	Mar. 26	127	1572
Razors.....	Wm. Elliot & Co.....	61,522	Mar. 26	127	1572
Razors.....	Wm. Elliot & Co.....	61,523	Mar. 26	127	1572
Razors.....	Wm. Elliot & Co.....	61,524	Mar. 26	127	1572
Razors.....	Wm. Elliot & Co.....	61,525	Mar. 26	127	1572
Razors.....	Wm. Elliot & Co.....	61,550	Mar. 26	127	1573
Razors.....	C. F. Butcher.....	62,019	Apr. 16	127	2810
Razors.....	H. Böker & Co.....	64,378	Aug. 6	129	2494
Razors.....	C. J. Tagliabue.....	65,076	Sept. 3	130	296
Razors.....	Geo. W. Korn Razor Mfg. Co.....	65,213	Sept. 10	130	652
Razors.....	Gem Cutlery Co.....	65,941	Oct. 29	130	2715
Razors.....	H. Berkele.....	66,496	Dec. 10	131	1681
Razors and blades. Safety.....	Multiplex Safety Razor Company.....	59,356	Jan. 8	126	748
Razors and razor-blades.....	Kampfe Bro's.....	62,750	May 21	128	1288
Razors and razor-blades.....	Kampfe Bro's.....	62,751	May 21	128	1288
Razors and razor-blades.....	Auto Strop Safety Razor Co.....	60,748	Feb. 19	126	3036
Razors and razor-blades.....	Kampfe Bro's.....	64,170	July 30	129	2067
Razors and razor-blades.....	R. Korkemas & Co.....	66,198	Nov. 12	131	688
Razors and razor blades. Safety.....	Kampfe Bros.....	63,120	June 4	128	2081
Razors, butcher, kitchen, and shoe knives.....	Bison Mfg. Co.....	60,122	Jan. 29	126	1769
Razors, knives, and steels.....	National Cutlery Company.....	60,076	Jan. 29	126	1767
Razors, knives, scissors, and shears.....	M. Klaas.....	62,538	May 14	128	880
Razors, knives, scissors, and shears.....	M. Klaas.....	65,612	Oct. 8	130	1685
Razors, pocket-knives, and butcher-knives.....	A. Kastro & Bros.....	60,995	Feb. 26	126	3418
Razors, razor-blades, and safety corn-knives. Safety.....	Kampfe Bro's.....	62,752	May 21	128	1288
Razors, razor-blades, and safety corn-knives. Safety.....	Kampfe Bro's.....	62,753	May 21	128	1288
Razors, scissors, and pocket-knives.....	C. F. Butcher.....	60,991	Feb. 26	126	3418
Reamers and twist-drills.....	Whitman & Barnes Manufacturing Co.....	61,888	Apr. 9	127	2389
Remersa and twist-drills.....	Whitman & Barnes Manufacturing Company.....	61,919	Apr. 9	127	2390
Reamers, drills, and countersinks.....	Wiley & Russell Mfg. Co.....	63,183	June 11	128	2522
Reduction-machines.....	W. L. McCullough Co.....	59,421	Jan. 8	126	750
Refractory material. Certain articles made of.....	Morgan Crucible Company.....	64,341	Aug. 6	129	2493
Refrigerators.....	White Enamel Refrigerator Company.....	63,028	June 4	128	2079
Refrigerators.....	Railway & Stationary Refrigerating Co.....	65,456	Sept. 24	130	1306
Refrigerators.....	Baldwin Refrigerator Co.....	65,521	Oct. 8	130	1682
Refrigerators.....	Baldwin Refrigerator Co.....	65,762	Oct. 22	130	2366
Refrigerators.....	Baldwin Refrigerator Co.....	65,764	Oct. 22	130	2366
Refrigerators.....	Lockland Lumber Co.....	66,723	Dec. 24	131	2140
Refrigerators and ice-boxes.....	Illinois Refrigerator Co.....	62,352	Apr. 30	127	3638
Refrigerators and ice-boxes.....	American Stove Company.....	62,517	May 14	128	879
Refrigerators and ice-boxes.....	Baldwin Refrigerator Co.....	65,763	Oct. 22	130	2366
Refrigerators and ice-boxes.....	Baldwin Refrigerator Co.....	65,765	Oct. 22	130	2366
Registers and faces and borders therefor. Heating and ventilating.....	Columbian Hardware Company.....	59,659	Jan. 15	126	1057
Registers. Autographic.....	Carter-Crume Co.....	60,354	Feb. 5	126	2183
Relish.....	Wright Smith M'fg. Co.....	61,867	Apr. 9	127	2389
Remedial agent for stomach and muscular troubles.....	F. A. Chapa.....	64,451	Aug. 6	129	2496
Remedies and tonics. Certain.....	Berg Medicine Company.....	66,738	Dec. 24	131	2140
Remedies. Certain named.....	M. F. Adleman.....	59,288	Jan. 1	126	384

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Remedies. Certain proprietary.....	F. E. Chamberlain.....	63,656	July 2	129	474
Remedies. Consumption.....	Mutual Drug Company.....	66,106	Nov. 12	131	685
Remedies. Dog.....	P. Miller Drug Co.....	66,521	Dec. 10	131	1681
Remedies. Dyspepsia.....	Mother Seigel's Syrup Company.....	59,294	Jan. 1	126	384
Remedies. Eye.....	Haley-Laybourn Eye Infirmary.....	59,744	Jan. 15	126	1059
Remedies. Eye.....	Haley-Laybourn Eye Infirmary.....	62,690	May 21	128	1286
Remedies. Fever and ague.....	C. H. & F. L. Osgood.....	63,287	June 11	128	2525
Remedies for affections of the throat, chest, and lungs.....	Foley & Company.....	61,926	Apr. 9	127	2390
Remedies for ague and malarial fevers.....	W. R. Burgoyne.....	66,830	Dec. 31	131	2413
Remedies for burns.....	L. Roncoroni.....	63,561	June 25	128	3283
Remedies for certain diseases.....	Worlds Dispensary Medical Association.....	61,459	Mar. 19	127	1250
Remedies for certain diseases.....	American Druggists Syndicate.....	61,722	Apr. 2	127	1987
Remedies for certain diseases.....	Dr. Miles Medical Company.....	61,728	Apr. 2	127	1987
Remedies for certain diseases.....	Goodness Bros.....	61,732	Apr. 2	127	1987
Remedies for certain diseases.....	Microline Medicine Company.....	62,728	May 21	128	1287
Remedies for certain diseases.....	H. E. Bucklen & Company.....	63,072	June 4	128	2080
Remedies for certain diseases.....	L. J. Cote.....	63,164	June 11	128	2521
Remedies for certain diseases.....	L. J. Cote.....	63,165	June 11	128	2521
Remedies for certain diseases.....	Microline Medicine Company.....	63,283	June 11	128	2525
Remedies for certain named diseases.....	Wells & Richardson Company.....	59,174	Jan. 1	126	381
Remedies for certain named diseases.....	L. A. H. Brandt.....	59,535	Jan. 8	126	753
Remedies for certain named diseases.....	T. E. Anderson.....	60,005	Jan. 22	126	1352
Remedies for certain named diseases.....	L. M. Mentele.....	60,038	Jan. 22	126	1352
Remedies for certain named diseases.....	M. Lichtenstein.....	60,444	Feb. 5	126	2186
Remedies for certain named diseases.....	Holland Medicine Company.....	60,838	Feb. 19	126	3038
Remedies for colds.....	M. F. Brown.....	60,405	Feb. 5	126	2185
Remedies for colds and la grippe.....	E. A. Zerst.....	63,793	July 9	129	864
Remedies for debility.....	Magna Vita Company.....	63,939	July 16	129	1262
Remedies for diseases of dogs.....	U. J. Ehrhart.....	59,557	Jan. 8	126	753
Remedies for diseases of women.....	H. Law. H. E. Law.....	63,595	June 25	128	3284
Remedies for diseases of the sexual organs.....	A. Wilfing.....	65,313	Sept. 17	130	973
Remedies for diseases of the stomach, liver, bowels, and blood.....	E. E. Williams.....	61,036	Feb. 26	126	3419
Remedies for diseases peculiar to infants and teething children.....	J. A. House Medicine Co.....	59,252	Jan. 1	126	383
Remedies for diseases peculiar to women.....	J. A. Begy.....	64,254	July 30	129	2069
Remedies for disorders of the blood.....	W. H. Server.....	62,059	Apr. 16	127	2811
Remedies for dyspepsia.....	W. E. Ryan.....	60,446	Feb. 5	126	2186
Remedies for eczema, &c.....	Aeczema Company.....	61,019	Feb. 26	126	3419
Remedies for lung and throat diseases.....	W. J. Sibley.....	63,291	June 11	128	2525
Remedies for regulating the stomach and bowels.....	E. C. De Witt & Company.....	59,556	Jan. 8	126	753
Remedies for rheumatism and diseases of the blood.....	W. H. Gurta.....	64,875	Aug. 27	129	3496
Remedies for skin diseases.....	K. Drinkard.....	62,051	Apr. 16	127	2811
Remedies for skin diseases.....	A. Morgan.....	62,910	May 28	128	1684
Remedies for stomach, kidneys, and liver.....	A. Fortier.....	62,924	May 28	128	1685
Remedies for stomach troubles.....	C. J. Ulrici.....	66,278	Nov. 19	131	937
Remedies for the cure of blood, liver, and kidney diseases.....	G. H. Lawson.....	61,708	Apr. 2	127	1987
Remedies for the cure of piles.....	Eureka Company.....	59,512	Jan. 8	126	752
Remedies for the cure of the liquor habit.....	C. W. De Freest.....	60,624	Feb. 12	126	2585
Remedies for the treatment of affections of the feet and skin.....	Keene Co.....	64,015	July 16	129	1264
Remedies for treatment of constipation and intestinal disorders.....	J. C. Cramer.....	60,831	Feb. 19	126	3038
Remedies. Headache.....	Neuralgyline Company.....	66,274	Nov. 19	131	936
Remedies in tablet form. Internal headache.....	Neuralgyline Company.....	59,267	Jan. 1	126	383
Remedies. Kidney, liver, and blood.....	Body Builders Medicine Company.....	66,261	Nov. 19	131	936
Remedies. Liver.....	Althea Remedy Company.....	66,091	Nov. 12	131	685
Remedies. Obesity.....	Marmola Company.....	66,843	Dec. 31	131	2412
Remedies. Poultry.....	J. M. Kelsch.....	59,258	Jan. 1	126	383
Remedies. Rheumatic, kidney, and bladder.....	Old Fort Chemical Company.....	65,026	Sept. 3	130	294
Remedy. Certain.....	Le Compte & Gayle Company.....	65,638	Oct. 15	130	2061
Remedy. Certain.....	Burlingame Chemical Co.....	66,498	Dec. 10	131	1681
Remedy. Certain.....	O. Wicke.....	66,541	Dec. 10	131	1682
Remedy. Corn.....	G. O. Young.....	63,770	July 9	129	863
Remedy. Cough.....	Dr. Rainey Medicine Co.....	61,405	Mar. 19	127	1249
Remedy. Cough and lung.....	F. S. Walker.....	64,880	Aug. 6	129	2497
Remedy. Dyspepsia.....	Pittsburg Pharmacal Company.....	62,047	Apr. 16	127	2811
Remedy. Dyspepsia.....	F. W. Diemer.....	63,168	June 11	128	2521
Remedy. Dyspepsia.....	K. D. C. Company.....	63,591	June 25	128	3284
Remedy for affections of the kidneys.....	Pettit Medicine Company.....	63,178	June 11	128	2522
Remedy for alleviating pain. Internal.....	Andrew Pharmaceutical Company.....	60,823	Feb. 19	126	3038
Remedy for asthma.....	Duff & Shade.....	62,236	Apr. 23	127	3212
Remedy for barber's itch, eczema, sores, &c.....	Syco Tina Company.....	60,175	Jan. 29	126	1770
Remedy for blood diseases.....	Blood Balm Company.....	62,679	May 21	128	1286
Remedy for blood diseases.....	Blood Balm Company.....	62,680	May 21	128	1286
Remedy for catarrh.....	M. H. Pasco.....	60,042	Jan. 22	126	1353
Remedy for catarrh.....	Davis Chemical Company.....	65,735	Oct. 22	130	2365
Remedy for catarrh, consumption, indigestion, and constipation.....	A. C. Long.....	63,961	July 16	129	1263
Remedy for catarrh, hay-fever, &c.....	Hakka Chemical Company.....	65,554	Oct. 8	130	1683
Remedy for certain diseases.....	J. D. Helms.....	61,031	Feb. 26	126	3419
Remedy for certain diseases.....	Van Vleet-Mansfield Drug Co.....	61,189	Mar. 5	127	389
Remedy for certain diseases.....	Van Vleet-Mansfield Drug Co.....	61,190	Mar. 5	127	389
Remedy for certain diseases.....	Manhattan Medicine Co.....	61,257	Mar. 12	127	842
Remedy for certain diseases.....	E. G. Harrell.....	61,406	Mar. 19	127	1249
Remedy for certain diseases.....	Radway & Company.....	61,739	Apr. 2	127	1988
Remedy for certain diseases.....	Booth's Hyomei Company.....	62,035	Apr. 16	127	2810
Remedy for certain diseases.....	S. M. Marsh.....	62,041	Apr. 16	127	2811
Remedy for certain diseases.....	Pepsol Chemical Company.....	62,244	Apr. 23	127	3211
Remedy for certain diseases.....	F. A. Richter.....	62,991	June 4	128	2078
Remedy for certain diseases.....	Ford Remedy Co.....	63,271	June 11	128	2524
Remedy for certain diseases.....	V. Schmidt.....	63,290	June 11	128	2525
Remedy for certain diseases.....	H. Rosenberg.....	63,563	June 25	128	3283
Remedy for certain diseases.....	Murray Drug Co.....	63,645	July 2	129	474
Remedy for certain diseases.....	George H. Bundle Co.....	64,011	July 16	129	1264
Remedy for certain diseases.....	C. W. Mixer.....	64,486	Aug. 6	129	2497
Remedy for certain diseases.....	Hampden Mfg. Co.....	66,743	Dec. 24	131	2141

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Remedy for certain diseases and injuries	Hall & Ruckel	61,029	Feb. 26	126	3419
Remedy for certain named diseases	G. D. Horton	60,389	Feb. 5	126	2184
Remedy for certain named diseases	Farbwerke vorm. Meister Lucius & Brüning	59,160	Jan. 1	126	381
Remedy for certain named diseases	Aschenbach & Miller	59,179	Jan. 1	126	381
Remedy for certain named diseases	Calmetto Company	59,245	Jan. 1	126	383
Remedy for certain named diseases	St. Jacobs Oil, Limited	59,521	Jan. 8	126	752
Remedy for certain named diseases	St. Jacobs Oil, Limited	59,565	Jan. 8	126	754
Remedy for certain named diseases	St. Jacobs Oil, Limited	59,566	Jan. 8	126	754
Remedy for certain named diseases	St. Jacobs Oil, Limited	59,567	Jan. 8	126	754
Remedy for certain named diseases	St. Jacobs Oil, Limited	59,568	Jan. 8	126	754
Remedy for certain named diseases	St. Jacobs Oil, Limited	59,569	Jan. 8	126	754
Remedy for certain named diseases	Calenduline Co.	59,572	Jan. 8	126	754
Remedy for certain named diseases	R. L. Hammond	59,745	Jan. 15	126	1059
Remedy for certain named diseases	E. Schmidt & Co.	59,989	Jan. 22	126	1351
Remedy for children's diseases	Joy Castoria Company	62,986	June 4	128	2078
Remedy for chills	J. M. Smith	65,743	Oct. 22	130	2366
Remedy for chills and fever and biliousness	Greenwood Medicine Co.	64,260	July 30	129	2069
Remedy for colds and coughs, la grippe, and headache	Van Vleet-Mansfield Drug Co.	61,210	Mar. 5	127	389
Remedy for colds and throat and lung troubles	E. Heffernan	61,773	Apr. 2	127	1989
Remedy for colic and bots	Van Vleet-Mansfield Drug Co.	64,672	Aug. 20	129	3153
Remedy for consumption	H. C. Fehrlin	60,626	Feb. 12	126	2585
Remedy for corns, bunions, and warts	J. Cole	65,172	Sept. 10	130	651
Remedy for coughs and colds	M. L. Delavau	65,312	Sept. 17	130	973
Remedy for coughs and colds of horses and mules	H. E. Turpin	66,532	Dec. 10	131	1682
Remedy for croup. External	Smoot Drug Co.	63,424	June 18	128	2831
Remedy for dandruff	Mafi Barber Supply Co.	60,796	Feb. 19	126	3037
Remedy for diarrhea, flux, and dysentery	Mack & Gilmore	63,006	June 4	128	2078
Remedy for dietetic purposes. Internal	Actien-Gesellschaft für Anilin-Fabrikation	60,783	Feb. 19	126	3037
Remedy for diseases of poultry	H. E. Turpin	61,182	Mar. 5	127	389
Remedy for diseases of the blood	R. W. Adams	61,016	Feb. 26	126	3419
Remedy for diseases of the blood	J. M. Myers	62,296	Apr. 30	127	3636
Remedy for diseases of the blood, liver, and kidneys	W. T. Murphy	63,662	July 2	129	474
Remedy for diseases of the blood, liver, stomach, and kidneys	Peerless Herb Co.	61,199	Mar. 5	127	389
Remedy for diseases of the eye	J. P. W. S. Aymond	63,413	June 18	128	2831
Remedy for diseases of the eye, nose, face, and ear	J. C. Allen	60,400	Feb. 5	126	2185
Remedy for diseases of the kidneys, stomach, and bladder	Richfield Company	64,477	Aug. 6	129	2497
Remedy for diseases of the kidneys, stomach, liver, and blood	M. C. Bostwick	60,827	Feb. 19	126	3038
Remedy for diseases of the liver	Moffitt-West Drug Co.	62,929	May 28	128	1685
Remedy for diseases of the stomach and bowels	Pepsin Syrup Co.	61,686	Apr. 2	127	1986
Remedy for diseases peculiar to women	A. P. Sawyer	64,264	July 30	129	2070
Remedy for disorders of the bowels	Microline Medicine Company	62,698	May 21	128	1287
Remedy for disorders of the stomach, liver, and blood	Hall & Cummings	66,514	Dec. 10	131	1681
Remedy for dyspepsia	Reed & Carnrick	62,461	May 7	128	451
Remedy for dyspepsia, &c.	Hugo Litz Company	65,564	Oct. 8	130	1685
Remedy for epilepsy	Dr. W. Towns Medical Company	66,639	Dec. 17	131	1936
Remedy for fever and whooping-cough	Farbwerke vorm. Meister Lucius & Brüning	59,186	Jan. 1	126	381
Remedy for grippe	J. T. Morgan	63,285	June 11	128	2525
Remedy for headache and heartburn	T. Mori	65,854	Oct. 29	130	2713
Remedy for headache and neuralgia	R. H. Hunstock	62,886	May 28	128	1684
Remedy for headache and neuralgia	L. G. B. Erb	66,098	Nov. 12	131	685
Remedy for headaches	T. Mori	65,614	Oct. 8	130	1682
Remedy for haives	A. Herzer	60,193	Jan. 29	126	1770
Remedy for hemorrhoids	Malcolm G. Price Company	65,376	Sept. 24	130	1303
Remedy for indigestion	Glycosine Phosphate Co.	65,856	Jan. 1	126	384
Remedy for inebriety	Physicians Co-Operative Association	65,858	Oct. 29	130	2713
Remedy for infantile disorders	J. A. E. Gauvin	59,742	Jan. 15	126	1059
Remedy for la grippe, colds, &c.	Southern Chemical Company	61,177	Mar. 5	127	389
Remedy for liver complaints	Dr. D. Jayne & Son	61,681	Apr. 2	127	1986
Remedy for liver troubles	W. H. Peters	59,767	Jan. 15	126	1059
Remedy for lung and throat diseases	Varoma Medical Company	62,228	Apr. 23	127	3211
Remedy for malaria and grippe	A. Fischer	62,282	Apr. 30	127	3636
Remedy for malaria, chills and fever. Tablet	C. E. Congdon	62,981	June 4	128	2078
Remedy for malaria, chills, fever, and ague	E. Boyd	65,288	Sept. 17	130	972
Remedy for piles	J. Lataille	60,852	Feb. 19	126	3038
Remedy for piles	J. P. Hayter	63,814	July 9	129	865
Remedy for purifying the blood	R. H. Wetmore	64,689	Aug. 20	129	3154
Remedy for purifying the blood and preventing cholera	H. Vincent	61,690	Apr. 2	127	1986
Remedy for rheumatism	H. B. Wilson	60,619	Feb. 12	126	2585
Remedy for rheumatism	L. Thanos	65,513	Oct. 8	130	1683
Remedy for rheumatism and gout	Butler & Field	62,036	Apr. 16	127	2810
Remedy for rheumatism and gout	J. H. Howarth	66,645	Dec. 17	131	1936
Remedy for rheumatism, neuralgia, and chills	H. H. Harris	66,841	Dec. 31	131	2412
Remedy for rheumatism, neuralgia, and gout	J. N. W. Otto & Son	59,765	Jan. 15	126	1059
Remedy for screw-worms	J. Lewenthal	63,552	June 25	128	3283
Remedy for seasickness	B. E. Fortner	61,185	Mar. 5	127	389
Remedy for seasickness	J. A. Nordin	61,930	Apr. 9	127	2391
Remedy for seasickness	T. Mori	65,855	Oct. 29	130	2713
Remedy for sexual diseases or disorders	F. G. Pinkerton	59,545	Jan. 8	126	753
Remedy for skin diseases	Thompson and Trimble	61,423	Mar. 19	127	1249
Remedy for sleeplessness	S. Goldberg	66,512	Dec. 10	131	1681
Remedy for stomach ailments	F. R. Greene	61,027	Feb. 26	126	3419
Remedy for stomach and bowel affections	E. J. Hughes	61,446	Mar. 19	127	1250
Remedy for stomach and bowel disorders	Stearns & Curtius	64,325	July 30	129	2071
Remedy for stomach and bowel troubles	E. G. Cole	59,536	Jan. 8	126	753
Remedy for syphilis	W. I. Deariso	66,832	Dec. 31	131	2412
Remedy for the cure of chills and fever	Van Vleet-Mansfield Drug Co.	61,209	Mar. 5	127	389
Remedy for the cure of gravel	J. S. Riley	64,648	Aug. 13	129	2855
Remedy for the liquor habit	E. G. Thompson	64,479	Aug. 6	129	2497
Remedy for the treatment of leprosy	T. S. Forcat	66,100	Nov. 12	131	685
Remedy for the treatment of syphilis	T. S. Forcat	66,101	Nov. 12	131	685
Remedy for the treatment of the hair and scalp	G. F. Smith	62,627	May 14	128	882
Remedy for throat and lung affections	J. S. Evans	64,680	Aug. 20	129	3153

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Remedy for throat and lung diseases	J. Schoelm	59,548	Jan. 8	126	753
Remedy for toothache	A. W. Young	63,567	June 25	128	3283
Remedy for treatment of grip, &c	Porter Medicine Company	61,015	Feb. 26	126	3419
Remedy for treatment of sore throat	J. H. Kolb	64,634	Aug. 13	129	2855
Remedy for tuberculosis	Behringwerk	63,432	June 18	128	2832
Remedy for tuberculosis	R. Dietrich & Cie	64,659	Aug. 20	129	3153
Remedy for tuberculosis, general debility, &c	C. Raffaele	63,943	July 16	129	1262
Remedy for typhoid fever	Wharton Sons Drug Co	61,412	Mar. 19	127	1249
Remedy for typhoid fever	M. Zophie	64,156	July 23	129	1666
Remedy for various diseases of poultry	H. E. Turpin	60,179	Jan. 29	126	1770
Remedy for venereal diseases	I. T. Duncan	63,267	June 11	128	2524
Remedy for venereal diseases	P. L. Cusachs Limited	63,940	July 16	129	1262
Remedy for venereal diseases	P. L. Cusachs Limited	63,983	July 16	129	1263
Remedy for venereal diseases	R. O. McElroy	66,272	Nov. 19	131	936
Remedy for whooping-cough	Spinol Company	61,760	Apr. 2	127	1988
Remedy. Headache	Frederick Stearns & Co	59,559	Jan. 8	126	753
Remedy. Headache	Dr. Kilmer & Co	62,072	Apr. 16	127	2811
Remedy. Headache	Davis Chemical Company	64,676	Aug. 20	129	3153
Remedy. Kidney, blood, and bowel	E. V. Rogers	64,666	Aug. 20	129	3153
Remedy. Liver	A. P. Sawyer	62,932	May 28	128	1685
Remedy. Muscle and nerve	M. M. D. Livingston	65,302	Sept. 17	130	973
Remedy. Rheumatic	A. Giesecke	62,293	Apr. 30	127	3636
Remedy. Rheumatism	Smith Drug Company	61,454	Mar. 19	127	1250
Remedy. Skin	O. P. Goerg	66,837	Dec. 31	131	2412
Remedy. Tonic	Warner's Safe Cure Company	64,119	July 23	129	1605
Remedy. Tonic	Warner's Safe Cure Company	64,120	July 23	129	1605
Remedy. Veterinary	Sanderson & Co	65,571	Oct. 8	130	1683
Revolvers, pistols, rifles, and shotguns	Harrington & Richardson Arms Co.	64,708	Aug. 20	129	3154
Rheumatism cures	A. F. Brown	64,468	Aug. 6	129	2496
Rheumatism-drops	Anstalt zur Verfertigung der Sulzberger'schen Allgemeinen Flusstinktur.	59,529	Jan. 8	126	753
Rheumatism-drops	Anstalt zur Verfertigung der Dr. Sulzberger'schen Allgemeinen Flusstinktur.	59,530	Jan. 8	126	753
Rheumatism, pleurisy, &c, cure	Mist Rheumatic Company	61,784	Apr. 2	127	1989
Ribbons	Fry & Friedsam	59,379	Jan. 8	126	749
Ribbons	W. Sarasin & Co	60,045	Jan. 22	126	1353
Ribbons	E. & H. Levy	60,070	Jan. 29	126	1767
Ribbons	L. & E. Stirn	63,109	June 4	128	2081
Ribbons	L. & E. Stirn	63,110	June 4	128	2081
Ribbons	Corbett Bros. Co	64,586	Aug. 13	129	2853
Ribbons	W. Openhym & Sons	66,339	Nov. 19	131	938
Ribbons and silk and velvet dress goods	R. Ballerstein & Company	62,390	May 7	128	449
Rice	Sprague, Warner & Company	61,959	Apr. 9	127	2391
Rice	Wall Rice Milling Co	63,465	June 18	128	2832
Rice	S. Ewart & Co	63,547	June 25	128	3283
Rifles. Air	Markham Air Rifle Co	64,855	Aug. 27	129	3496
Rings, brooches, and badges	Carl Entenmann Jewelry Company.	61,891	Apr. 9	127	2380
Rings. Finger	Allsopp Bros.	59,055	Jan. 1	126	378
Rings. Finger	Heintz Bros.	62,780	May 28	128	1681
Rings. Finger	Lyons Manufacturing Co.	64,986	Sept. 3	130	294
Rivets	Judson L. Thomson Mfg. Co.	61,164	Mar. 5	127	388
Rivets	Taunton Rivet Company	62,162	Apr. 23	127	3210
Roach, water-bug, rat, and mice destroyer	O. H. Jadwin	60,754	Feb. 19	126	3036
Rock-drilling machines	Konomax Rock Drill Syndicate	66,593	Dec. 17	131	1935
Roofing and building materials. Certain	Weatherproof Manufacturing Company.	65,542	Oct. 8	130	1683
Roofing and sheathing. Paper and felt for	American Sash & Door Co.	66,817	Dec. 31	131	2412
Roofing and wall-covering. Stamped metal	Cortright Metal Roofing Company.	62,452	May 7	128	450
Roofing and wall-covering. Stamped metal	Cortright Metal Roofing Company.	62,468	May 7	128	451
Roofing and wall-covering. Stamped metal	Cortright Metal Roofing Company.	62,469	May 7	128	451
Roofing and wall-covering. Stamped metal	Cortright Metal Roofing Company.	62,531	May 14	128	880
Roofing. Asbestos	H. W. Johns-Manville Company	60,304	Feb. 5	126	2182
Roofing. Certain	Lincoln Waterproof Cloth Co.	65,446	Sept. 24	130	1305
Roofing. Composite sheet	H. Huntington and Son	59,748	Jan. 15	126	1059
Roofing material of composition or cement	Sparham-Fireproof Roofing Cement Comp'y.	59,143	Jan. 1	126	380
Roofing. Ready tar and felt	Warren Chemical & Manufacturing Company.	59,045	Jan. 1	126	378
Roofing. Ready tar and felt	Barrett Manufacturing Company	60,693	Feb. 19	126	3034
Rope, cord, and twine	Portland Cordage Co.	63,475	June 25	128	3281
Rope, cord, lines, and twine	American Manufacturing Company.	63,039	June 4	128	2079
Rope with a weatherproof finish	George Cutter Co.	60,548	Feb. 12	126	2583
Rosettes	General Electric Company	60,523	Feb. 12	126	2583
Rouge. Toilet	E. M. Hetsel	61,945	Apr. 9	127	2391
Rubber and composition belting, hose, and machinery packing	Boston Belting Company	59,155	Jan. 1	126	380
Rubber and composition belting, hose, and machinery packing	Boston Belting Company	59,156	Jan. 1	126	381
Rubber and fabric hose	Fabric Fire Hose Company	66,874	Dec. 31	131	2413
Rubber and gutta-percha gums. India	G. A. Alden & Co.	59,592	Jan. 15	126	1055
Rubber and gutta-percha gums. India	G. A. Alden & Co.	59,593	Jan. 15	126	1055
Rubber and rubber gums	Continental Rubber Company	64,811	Aug. 20	129	3157
Rubber and rubber gums	Continental Rubber Company	64,812	Aug. 20	129	3157
Rubber and rubber gums	Continental Rubber Company	64,813	Aug. 20	129	3157
Rubber and rubber gums	Continental Rubber Company	64,814	Aug. 20	129	3157
Rubber and rubber gums	Continental Rubber Company	64,815	Aug. 20	129	3157
Rubber and rubber gums	Continental Rubber Company	65,766	Oct. 22	130	2363
Rubber and rubber gums	Continental Rubber Company	65,767	Oct. 22	130	2366
Rubber and rubber gums	Continental Rubber Company	65,768	Oct. 22	130	2366

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Rubber and rubber gums.....	Continental Rubber Company.....	65,769	Oct. 22	130	2366
Rubber articles. Certain.....	Continental - Caoutchouc - und Gutta-Percha-Compagnie.	63,305	June 11	128	2525
Rubber articles. Certain.....	Faultless Rubber Company.....	66,468	Dec. 3	131	1417
Rubber balls. India.....	Continental Caoutchouc-und Gut-tapercha-Compagnie.	59,432	Jan. 8	126	750
Rubber belting and hose.....	E. Z. Jefferson.....	62,511	May 14	128	879
Rubber belting, hose, and machinery packing.....	Peerless Rubber Manufacturing Company.....	59,107	Jan. 1	126	379
Rubber belting, hose, and machinery packing.....	Peerless Rubber Manufacturing Company.....	59,108	Jan. 1	126	379
Rubber belting, hose, and packing.....	Mercer Rubber Company.....	60,485	Feb. 12	126	2582
Rubber belting, hose, and packing.....	Republic Belting & Supply Co.....	64,176	July 30	129	2067
Rubber belting, packing, hose, and woven cotton-and-rubber hose.....	Diamond Rubber Co.....	59,602	Jan. 15	126	1055
Rubber belting, packing, hose, and woven cotton-and-rubber hose.....	Diamond Rubber Co.....	59,632	Jan. 15	126	1056
Rubber belting, packing, hose, and woven cotton-and-rubber hose.....	Diamond Rubber Co.....	59,633	Jan. 15	126	1056
Rubber belting, packing, hose, and woven cotton-and-rubber hose.....	Diamond Rubber Co.....	59,634	Jan. 15	126	1056
Rubber belting, packings, &c.....	W. S. Nott Company.....	64,688	Aug. 20	129	3154
Rubber boots and shoes.....	W. McKittrick.....	59,135	Jan. 1	126	380
Rubber boots and shoes.....	Hood Rubber Co.....	59,196	Jan. 1	126	382
Rubber boots and shoes.....	Hood Rubber Co.....	60,194	Jan. 29	126	1770
Rubber boots and shoes.....	Hood Rubber Co.....	60,481	Feb. 12	126	2582
Rubber boots and shoes.....	Goodyear Rubber Company.....	62,398	May 7	128	449
Rubber boots and shoes.....	Roberts Johnson & Rand Shoe Company.....	62,410	May 7	128	449
Rubber boots and shoes.....	Hood Rubber Company.....	62,999	June 4	128	2078
Rubber boots and shoes.....	Goodyear Rubber Company.....	63,153	June 11	128	2521
Rubber boots and shoes.....	Goodyear Rubber Company.....	63,493	June 25	128	3281
Rubber boots and shoes.....	Rubberhide Company.....	63,840	July 9	129	865
Rubber boots and shoes.....	W. H. Walker & Company.....	63,843	July 9	129	865
Rubber boots and shoes.....	Selz, Schwab & Company.....	65,813	Oct. 22	130	2367
Rubber boots and shoes.....	Selz, Schwab & Company.....	65,814	Oct. 22	130	2367
Rubber boots and shoes.....	Selz, Schwab & Company.....	65,815	Oct. 22	130	2367
Rubber boots and shoes.....	Goodyear's Metallic Rubber Shoe Co.....	65,996	Nov. 5	131	354
Rubber boots and shoes.....	Goodyear's Metallic Rubber Shoe Co.....	65,997	Nov. 5	131	354
Rubber boots and shoes.....	Bourn Rubber Co.....	66,635	Dec. 17	131	1936
Rubber boots, overshoes, and rubbers.....	St. Paul Rubber Co.....	65,816	Oct. 22	130	2367
Rubber bowling-balls. Hard.....	American Hard Rubber Co.....	64,694	Aug. 20	129	3154
Rubber cement.....	F. W. Whiteher.....	65,657	Oct. 15	130	2062
Rubber clothing. Certain.....	Lawton & Hall.....	61,602	Mar. 26	127	1574
Rubber collars and cuffs.....	Arlington Company.....	64,047	July 23	129	1603
Rubber. Elastic webs of.....	Archibald Turner & Co.....	59,315	Jan. 8	126	747
Rubber erasers.....	American Lead Pencil Company.....	59,881	Jan. 22	126	1348
Rubber erasers.....	E. Faber.....	66,249	Nov. 19	131	936
Rubber erasers.....	E. Faber.....	66,364	Nov. 26	131	1155
Rubber erasers.....	E. Faber.....	66,576	Dec. 10	131	1683
Rubber erasers. Pliable.....	E. G. Soltmann.....	59,860	Jan. 22	126	1348
Rubber footwear.....	R. P. Smith & Sons Co.....	63,863	July 9	129	866
Rubber footwear.....	M. Lindsay Rubber Manufacturing Co.....	65,808	Oct. 22	130	2367
Rubber fruit-jar rings.....	Consolidated Rubber Company.....	66,872	Dec. 31	131	2413
Rubber gloves and mittens. Seamless.....	Miller Rubber Manufacturing Co.....	63,125	June 4	128	2081
Rubber goods. Certain.....	F. W. Whiteher.....	64,079	July 23	129	1604
Rubber goods. Certain.....	Diamond Rubber Co.....	65,292	Sept. 17	130	972
Rubber goods. Certain.....	Pacific Coast Rubber Co.....	65,454	Sept. 24	130	1306
Rubber goods. Certain.....	Daimler-Motoren-Gesellschaft.....	65,989	Nov. 5	131	354
Rubber goods. Certain.....	M. Lindsay Rubber Manufacturing Co.....	66,046	Nov. 5	131	355
Rubber goods. Certain.....	Enterprise Rubber Co.....	66,248	Nov. 19	131	936
Rubber goods. Certain.....	Faultless Rubber Company.....	66,484	Dec. 3	131	1417
Rubber goods. Certain.....	H. O. Canfield Company.....	66,621	Dec. 17	131	1936
Rubber goods. Certain.....	Pacific Coast Rubber Co.....	66,866	Dec. 31	131	2413
Rubber goods. Certain.....	Pacific Coast Rubber Co.....	66,867	Dec. 31	131	2413
Rubber, gutta-percha, &c.....	G. A. Alden & Co.....	66,259	Nov. 19	131	936
Rubber heels.....	Dunham Bros.....	66,507	Dec. 10	131	1681
Rubber heels for boots and shoes.....	Pneumatic Cushion Rubber Heel Company.....	62,542	May 14	128	880
Rubber hoof-pads.....	Morgan & Wright.....	66,865	Dec. 31	131	2413
Rubber hose.....	United & Globe Rubber Manufacturing Company.....	59,862	Jan. 22	126	1348
Rubber hose, belting, packing, and printing-blankets.....	Mineralized Rubber Co.....	60,487	Feb. 12	126	2582
Rubber or asphaltum compound. Mineral.....	G. A. Alden & Co.....	64,413	Aug. 6	129	2495
Rubber packing.....	A. B. Jenkins.....	63,446	June 18	128	2832
Rubber packing, gaskets, and hose.....	Pennsylvania Rubber Company.....	65,499	Oct. 8	130	1682
Rubber. Reclaimed.....	Pequanoc Rubber Company.....	65,324	Sept. 17	130	973
Rubber. Reclaimed.....	Pequanoc Rubber Company.....	65,334	Sept. 17	130	973
Rubber. Reclaimed.....	Pequanoc Rubber Company.....	65,335	Sept. 17	130	973
Rubber. Reclaimed.....	Pequanoc Rubber Company.....	65,336	Sept. 17	130	973
Rubber roofing.....	Huttig Mfg. Co.....	60,924	Feb. 26	126	3417
Rubber roofing.....	H. A. Whiteman & Co.....	62,255	Apr. 30	127	3635
Rubber, rubber valves, and jar-rings. Sheet.....	Mercer Rubber Company.....	60,772	Feb. 19	126	3036
Rubber. Sheet.....	American Hard Rubber Co.....	64,717	Aug. 20	129	3154
Rubber water-bottles.....	B. F. Goodrich Company.....	65,666	Oct. 15	130	2062
Rubber water-bottles.....	B. F. Goodrich Company.....	65,667	Oct. 15	130	2062
Rubber water-bottles, cushions, and ice-caps.....	Hodgman Rubber Company.....	59,480	Jan. 8	126	751
Rugs and carpets.....	Fries Harley Co.....	62,534	May 14	128	880
Rugs and carpets.....	Eden Manufacturing Co.....	63,225	June 11	128	2523
Rugs and carpets.....	Eden Manufacturing Co.....	63,226	June 11	128	2523
Rugs and carpets.....	Eden Manufacturing Co.....	63,227	June 11	128	2523
Rum.....	John E. Cassidy & Son.....	60,557	Feb. 12	126	2584

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Sad-irons	Enterprise Manufacturing Co. of Pennsylvania.	60,517	Feb. 12	126	2582
Saddle housings and pads	Smith-Worthington Company.	61,591	Mar. 26	127	1574
Saddles and harness	La Grange Saddlery Company.	60,534	Feb. 12	126	2583
Saddles, harness, bridles, and horse-collars	Graf-Morsbach Company.	62,132	Apr. 23	127	3209
Safes, vaults, and locks and parts thereof	Taylor Iron & Steel Co.	59,965	Jan. 22	126	1351
Salad-dressing	Griggs, Cooper & Company.	59,309	Jan. 8	126	747
Salad-dressing, catsup, and mince-meat	Pressing & Orr Company.	61,590	Mar. 26	127	1574
Salt	Schwabacher Bros. & Co.	62,123	Apr. 16	127	2813
Salt cakes	Salt Union.	64,649	Aug. 13	129	2855
Salt. Stock and table	D. H. Beyea.	60,156	Jan. 29	126	1769
Salt. Table	Utility Salt Co.	65,037	Sept. 3	130	295
	Red Seal Never Damp Salt Company.	61,201	Mar. 5	127	389
Salt. Table	Worcester Salt Company.	65,644	Oct. 15	130	2061
Salts. Cell and tissue building	J. W. Hine.	62,111	Apr. 16	127	2812
Salve	J. Horn.	59,197	Jan. 1	126	382
Salve	Morton-Hooton Mfg. Co.	59,515	Jan. 8	126	752
Salve	Aschenbach & Miller.	59,552	Jan. 8	126	753
Salve	Gordshell Chemical Company.	61,158	Mar. 5	127	388
Salve	J. B. Tannehill.	51,426	Mar. 19	127	1249
Salve	Ritzlin, Lebstein & Nechtowitz.	62,475	May 7	128	451
Salve	K. Cinyburg & Son.	62,995	June 4	128	2078
Salve	Keystone Catarrh Remedy Co.	63,958	July 16	129	1262
Salve	H. L. Steinecke.	64,316	July 30	129	2071
Salve	P. W. Leach & Co.	66,751	Dec. 24	131	2141
Salve. Corn	C. Berman.	65,731	Oct. 22	130	2365
Salve. Eye	C. C. Underwood.	64,651	Aug. 13	129	2855
Salve for burns, frost-bites, and sores	F. Harkness.	65,960	Nov. 5	131	353
Salve for the cure of cancer	C. W. Pace & Co.	59,516	Jan. 8	126	752
Salve for the cure of eczema, &c	E. Lawson.	61,668	Apr. 2	127	1986
Salve. Gall	F. B. Dennie.	65,523	Oct. 8	130	1682
Salve, ointment, or poultice	Gy-Zo Chemical Co.	59,811	Jan. 15	126	1061
Salve or ointment. Eye	Hall & Ruckel.	61,030	Feb. 26	126	3419
Salves	E. F. Greene.	59,580	Jan. 8	126	754
Salves	T. F. Maguire.	60,200	Jan. 29	126	1771
Salves	T. G. Balucinski.	62,445	May 7	128	450
Salves	T. G. Balucinski.	62,446	May 7	128	450
Salves	H. E. Bucklen & Company.	64,460	Aug. 6	129	2496
Salves. Eye	R. Kahabka.	61,706	Apr. 2	127	1987
Salves, ointments, and unguents	J. W. Cole & Co.	65,583	Oct. 8	130	1684
Sand and emery paper	Neuss, Hesslein & Co.	61,262	Mar. 12	127	842
Sand, garnet, and emery papers and emery-cloths	American Glue Company.	61,798	Apr. 9	127	2387
Saponaceous and alkaline compounds. Certain	Lopas Company.	63,336	June 18	128	2829
Sardines	A. Watson & Co.	63,451	June 18	128	2832
Sardines	Rosenstein Brothers.	64,927	Aug. 27	129	3498
Sardines	E. Shivell.	66,343	Nov. 19	131	938
Sardines	E. Shivell.	66,691	Dec. 24	131	2139
Sardines. Mustard	Coleman's Mustard Sardine Company.	64,728	Aug. 20	129	3155
Sardines. Smoked	I. Levin.	64,739	Aug. 20	129	3155
Sardines. Smoked	I. Levin.	64,740	Aug. 20	129	3155
Sardines. Smoked	I. Levin.	64,741	Aug. 20	129	3155
Sarsaparilla	Schoneberger & Noble.	63,371	June 18	128	2830
Sash-cord	J. E. Fricke Company.	59,311	Jan. 8	126	747
Sash-fasteners	H. B. Ives Company.	62,577	May 14	128	881
Sashes, frames, &c. Certain window	R. A. Morrison.	63,898	July 16	129	1261
Sauce	Brand & Co.	64,772	Aug. 20	129	3156
Sauce. Seasoning	S. Moki.	60,262	Feb. 5	126	2181
Sauce. Tomato	V. D. Gaizo.	66,168	Nov. 12	131	687
Sauce. Worcestershire	Alart & McGuire.	66,890	Dec. 31	131	2414
Sauces and dressings. Meat and salad	Citizens' Wholesale Supply Co.	62,921	May 28	128	1685
Sauces, catsups, and pickles	Siegel Cooper & Co.	63,131	June 4	128	2082
Sausage and animal fats. Bologna	M. Zimmermann Company.	64,323	July 30	129	2071
Sausage and ham	National Packing Company.	66,413	Nov. 26	131	1156
Sausage. Pork	M. Uhlmann.	59,933	Jan. 22	126	1350
Sausages	W. H. Easton & Co.	59,101	Jan. 1	126	379
Sausages, hams, bacon, salt pork, and lard	Jones Dairy Farm.	60,458	Feb. 12	126	2581
Sausages, hams, bacon, salt pork, and lard	Jones Dairy Farm.	60,482	Feb. 12	126	2582
Sausages, hams, bacon, salt pork, and lard	Jones Dairy Farm.	61,297	Mar. 12	127	843
Sausages, hams, lard, &c	Jones Dairy Farm.	62,268	Apr. 30	127	3635
Saw blades. Hack	West Haven Mfg. Co.	63,402	June 18	128	2831
Saw blades. Hack	West Haven Mfg. Co.	63,544	June 25	128	3283
Saw blades. Hack	West Haven Mfg. Co.	65,711	Oct. 15	130	2063
Saw-fitting tools	E. C. Atkins & Company.	64,334	Aug. 6	129	2493
Saw frames Hack	West Haven Mfg. Co.	64,250	July 30	129	2069
Saws	Henry Disston & Sons.	60,357	Feb. 5	126	2184
Saws	Henry Disston & Sons.	60,358	Feb. 5	126	2184
Saws	George Worthington Company.	63,020	June 4	128	2079
Saws and saw-blades	Quality Saw & Tool Works.	66,342	Nov. 19	131	938
Saws. Certain named	Henry Disston & Sons.	62,638	May 21	128	1285
Saws. Certain named	E. S. Bradford, Jr.	59,464	Jan. 8	126	751
Saws, die-stocks, screw-plates, and pipe-cutters	Neuss, Hesslein & Co.	61,904	Apr. 9	127	2390
Saws of all kinds	E. C. Atkins & Company.	59,349	Jan. 8	126	748
Scales. Weighing	W. Bingham Company.	65,515	Oct. 8	130	1682
Scales. Weighing	E. and T. Fairbanks and Company.	65,552	Oct. 8	130	1683
Scarfs, cravats, and ties	Earl & Wilson.	60,342	Feb. 5	126	2183
Scarfs. Women's	W. Trevor.	59,077	Jan. 1	126	378
Schiedam schnapps. Aromatic	Udolpho Wolfe Co.	59,816	Jan. 15	126	1061
Scientific apparatus, appliances, and instruments. Certain	R. J. Sachers.	62,657	May 21	128	1285
Scouring and cleansing preparation. Saponaceous	Gibson Soap Company.	63,469	June 25	128	3281
Scouring-powder. Non-abrasive	Azie Manufacturing Company.	66,704	Dec. 24	131	2139
Scrapers, plows, and graders	Smith & Sons Mfg. Co.	62,818	May 28	128	1682
Scrapers. Soil	Wells-Jones Plow Co.	61,519	Mar. 26	127	1572

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Seals. Car, door, and window	National Car Protection Com- pany.	59,615	Jan. 15	126	1055
Seasoning preparation	New Orleans Import Company.	59,925	Jan. 22	126	1349
Sedative and laxative powders	J. R. Halloran.	60,792	Feb. 19	126	3037
Sedative, antispasmodic, and nerve tonic	J. B. Daniel.	63,546	June 25	128	3283
Sedative. Antispasmodic expectorant	H. Reife.	66,848	Dec. 31	131	2412
Sedative compound. Liquid	J. T. Milliken.	60,166	Jan. 29	126	1770
Sedatives	Actien-Gesellschaft für Anilin- Fabrikation.	60,785	Feb. 19	126	3037
Sedatives. Uterine	Southern Pharmacal & Chemical Co.	64,865	Aug. 27	129	3496
Seed-distributing machines	E. F. Molck.	62,008	Apr. 16	127	2810
Seed. Grass	H. E. Conklin.	62,743	May 21	128	1288
Seed. Grass, grain, timothy, and clover	Albert Dickinson Company.	61,430	Mar. 19	127	1249
Seed. Grass, grain, timothy, and clover	Albert Dickinson Company.	61,431	Mar. 19	127	1249
Seed. Timothy	Albert Dickinson Company.	60,321	Feb. 5	126	2183
Seed. Timothy	Albert Dickinson Company.	60,340	Feb. 5	126	2183
Seed. Timothy	Albert Dickinson Company.	60,351	Feb. 5	126	2183
Seed. Tobacco	O. R. Pomeroy.	59,415	Jan. 8	126	750
Seeds. Agricultural and horticultural	Peter Henderson & Co.	66,183	Nov. 12	131	687
Seeds. Flower	E. C. Ludwig.	65,773	Oct. 22	130	2366
Seeds for agricultural and horticultural purposes	Sutton & Sons.	59,236	Jan. 1	126	383
Seeds. Garden	D. Hardie Seed Co.	61,971	Apr. 16	127	2809
Seeds. Grass, clover, and field	Illinois Seed Company.	61,562	Mar. 26	127	1573
Seeds. Grass, grain, timothy, and clover	Albert Dickinson Company.	61,692	Apr. 2	127	1986
Seeding-machines	Campbell Corn Drill Co.	59,125	Jan. 1	126	380
Seeding-machines and grain-drills	La Crosse Plow Company.	63,502	June 25	128	3282
Seeding-machines. End-gate	Luthy & Co.	65,215	Sept. 10	130	652
Seltzogenes and siphons. Metal parts of	Aerators Limited.	63,483	June 25	128	3281
Separators. Centrifugal	De Laval Separator Company.	59,348	Jan. 8	126	748
Serum for the prevention of hay-fever	Serum Laboratorium Ruete Enoch.	63,650	July 2	129	474
Serums and antitoxins	Frederick Stearns & Co.	64,308	July 30	129	2071
Serums. Antitoxic	Schimmel & Co.	62,058	Apr. 16	127	2811
Sewing and crochet cotton	J. & P. Coats.	64,523	Aug. 13	129	2852
Sewing-cotton	J. & P. Coats.	65,099	Sept. 10	130	649
Sewing-cotton	Clark & Co.	65,258	Sept. 17	130	971
Sewing-cotton	Jonas Brook & Bros.	65,445	Sept. 24	130	1305
Sewing-cotton on spools and reels	Jas. Chadwick & Bros.	63,527	June 25	128	3282
Sewing-cotton on spools or reels	J. & P. Coats.	60,307	Feb. 5	126	2182
Sewing-cotton on spools or reels	J. & P. Coats.	60,308	Feb. 5	126	2182
Sewing, crochet, embroidery, and knitting cotton	Clark & Co.	59,158	Jan. 1	126	381
Sewing-machine heads and attachments	A. G. Mason.	66,140	Nov. 12	131	686
Sewing-machine needles	White Sewing Machine Co.	62,302	Apr. 30	127	3636
Sewing-machine needles	L. Lammertz.	64,364	Aug. 6	129	2494
Sewing-machine needles	National Sewing Machine Com- pany.	66,252	Nov. 19	131	936
Sewing-machine needles	Standard Sewing Machine Com- pany.	66,729	Dec. 24	131	2140
Sewing-machines	National Sewing Machine Com- pany.	61,513	Mar. 26	127	1572
Sewing-machines	L. C. King & Co.	62,294	Apr. 30	127	3636
Sewing-machines	Kelley-How-Thomson Co.	63,398	June 18	128	2831
Sewing-machines	Markt & Co.	65,943	Oct. 29	130	2715
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	59,940	Jan. 22	126	1350
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	59,941	Jan. 22	126	1350
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	59,942	Jan. 22	126	1350
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	59,943	Jan. 22	126	1350
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	59,948	Jan. 22	126	1350
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	59,949	Jan. 22	126	1350
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	59,950	Jan. 22	126	1350
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	59,951	Jan. 22	126	1350
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	59,952	Jan. 22	126	1350
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	59,953	Jan. 22	126	1350
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	60,078	Jan. 29	126	1767
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	60,079	Jan. 29	126	1767
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	60,080	Jan. 29	126	1767
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	60,723	Feb. 19	126	3035
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	60,724	Feb. 19	126	3035
Sewing-machines and attachments	New Home Sewing Machine Com- pany.	60,725	Feb. 19	126	3035
Sewing-machines and attachments	Wheeler & Wilson Manufacturing Company.	64,622	Aug. 13	129	2854
Sewing-machines and attachments	Wheeler & Wilson Manufacturing Company.	64,623	Aug. 13	129	2854
Sewing-machines and attachments	E. Cornely & Fils.	65,041	Sept. 3	130	295
Sewing-machines and attachments	Davis Sewing Machine Co.	65,241	Sept. 17	130	971
Sewing-machines and attachments	Standard Sewing Machine Com- pany.	66,528	Dec. 10	131	1682
Sewing-machines and attachments	Standard Sewing Machine Com- pany.	66,529	Dec. 10	131	1682

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Sewing-machines and attachments.....	Standard Sewing Machine Company.....	66,531	Dec. 10	131	1682
Sewing-machines and attachments.....	Standard Sewing Machine Company.....	66,728	Dec. 24	131	2140
Sewing-machines and parts.....	White Sewing Machine Co.....	66,280	Nov. 19	131	937
Sewing-machines, attachments, stands, tables, and covers.....	White Sewing Machine Co.....	60,339	Feb. 5	126	2183
Sewing-machines, attachments, stands, tables, and covers.....	White Sewing Machine Co.....	60,989	Feb. 26	126	3418
Sewing-machines, attachments, stands, tables, and covers.....	A. G. Mason.....	61,948	Apr. 9	127	2391
Sewing-machines, parts, and attachments.....	Wheeler & Wilson Manufacturing Company.....	60,580	Feb. 12	126	2584
Sewing-machines, parts, and attachments.....	Wheeler & Wilson Manufacturing Company.....	60,581	Feb. 12	126	2584
Sewing-machines, parts, and attachments.....	Singer Manufacturing Company.....	64,950	Aug. 27	129	3498
Sewing-machines, parts, and attachments therefor. Boot and shoe.....	United Shoe Machinery Company.....	59,365	Jan. 8	126	748
Sewing-machines, parts, and attachments therefor. Boot and shoe.....	United Shoe Machinery Company.....	59,366	Jan. 8	126	748
Sewing-machines, sewing-machine attachments, covers, tables, and stands.....	White Sewing Machine Company.....	61,720	Apr. 2	127	1987
Sewing-machines, sewing-machine attachments, covers, tables, and stands.....	Singer Manufacturing Company.....	63,866	July 9	129	866
Shade-cloth.....	C. W. Breneman.....	60,124	Jan. 29	126	1769
Shade cloth. Window.....	Western Shade Cloth Company.....	64,602	Aug. 13	129	2854
Shade cloths. Window.....	Jay C. Wemple Co.....	62,176	Apr. 23	127	3210
Shaft-hangers.....	Standard Pressed Steel Co.....	59,362	Jan. 8	126	748
Shampoo, cold and massage creams. Egg.....	N. Lopard.....	62,222	Apr. 23	127	3211
Shampoo compounds and hair-tonics.....	Porcela Company.....	62,210	Apr. 23	127	3211
Shaving-cream.....	Royal Cream Company.....	61,018	Feb. 26	126	3419
Shearing or clipping machines. Animal.....	Chicago Flexible Shaft Company.....	64,351	Aug. 6	129	2493
Shears and scissors.....	Acme Shear Company.....	66,318	Nov. 19	131	938
Shears, scissors, razors, and pocket-knives.....	Farwell, Ozmun, Kirk & Co.....	64,701	Aug. 20	129	3154
Sheathing and mortar-coloring. Builders'.....	S. Cabot.....	63,518	June 25	128	3282
Sheet metal and piping. Certain.....	La Belle Iron Works.....	65,360	Sept. 24	130	1303
Sheets. Muslin.....	Hale Bros.....	63,811	July 9	129	865
Sheeting. Cotton.....	Naumkeag Steam Cotton Co.....	63,835	July 9	129	865
Sheetings.....	Orr Cotton Mills.....	59,338	Jan. 8	126	748
Sheetings.....	Orr Cotton Mills.....	59,339	Jan. 8	126	748
Sheetings.....	Piedmont Manufacturing Co.....	64,226	July 30	129	2068
Sheetings and drillings.....	Exposition Cotton Mills.....	65,271	Sept. 17	130	972
Sheetings and drillings.....	Exposition Cotton Mills.....	65,587	Oct. 8	130	1684
Sheetings and drillings. Cotton.....	Greenwood Cotton Mill.....	62,878	May 28	128	1683
Sheetings, drills, jeans, shirtings, and handkerchiefs.....	Reuter, Bröckelmann & Co.....	59,988	Jan. 22	126	1351
Sheetings, shirtings, and drillings.....	Clifton Manufacturing Company.....	66,548	Dec. 10	131	1682
Sheetings, shirtings, and drills.....	R. A. Suffern.....	63,111	June 4	128	2081
Sheetings, shirtings, and drills. Cotton.....	Henrietta Mills.....	63,171	June 11	128	2522
Sheetings, shirtings, and drills. Cotton.....	Monohansett M'fg. Co.....	63,580	June 25	128	3284
Sheetings, shirtings, drillings, and osnaburgs.....	Minot Hooper & Co.....	63,859	July 9	129	866
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	62,775	May 28	128	1681
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	62,776	May 28	128	1681
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	62,777	May 28	128	1681
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	63,695	July 2	129	475
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	63,733	July 2	129	476
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	63,752	July 9	129	863
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	64,235	July 30	129	2069
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	64,236	July 30	129	2069
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	64,237	July 30	129	2069
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	64,238	July 30	129	2069
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	64,605	Aug. 13	129	2854
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	64,774	Aug. 10	129	3156
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	65,148	Sept. 10	130	650
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	65,149	Sept. 10	130	650
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	65,150	Sept. 10	130	650
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	65,151	Sept. 10	130	650
Sheetings, shirtings, drills, &c.....	China & Japan Trading Company.....	65,152	Sept. 10	130	650
Shellacs and varnishes.....	Palmer-Price Company.....	60,137	Jan. 29	126	1769
Shellacs and varnishes.....	Palmer-Price Company.....	60,138	Jan. 29	126	1769
Shells for explosive projectiles. Cast-steel.....	Taylor Iron & Steel Co.....	60,946	Feb. 26	126	3417
Shells. Loaded paper shot.....	Winchester Repeating Arms Co.....	66,493	Dec. 3	131	1417
Sherry.....	J. Wile Sons & Co.....	59,683	Jan. 15	126	1057
Sherry.....	J. Wile, Sons & Co.....	60,951	Feb. 26	126	3417
Shirt-waists.....	W. A. Ross & Brother.....	61,367	Mar. 19	127	1248
Shirt-waists and shirt-waist suits.....	Ladyware Co.....	59,639	Jan. 15	126	1056
Shirt-waists and shirt-waist suits.....	I. Rand.....	61,487	Mar. 26	127	1571
Shirt-waists and shirt-waist suits.....	Olian Bros. & Co.....	64,150	July 23	129	1606
Shirt-waists and shirt-waist suits. Women's.....	B. D. Spandauer & Co.....	63,885	June 18	128	2830
Shirt-waists. Ladies' and girls'.....	Spiegel & Frehs.....	65,837	Oct. 22	130	2368
Shirt-waists, shirt-waist suits, and wrappers.....	Parker & Thomas Co.....	66,162	Nov. 12	131	687
Shirts.....	Bronne-Mayer Company.....	62,342	Apr. 30	127	3637
Shirts and collars and cuffs therefor. Dress and negligée.....	J. H. Rice & Friedmann Co.....	65,358	Sept. 24	130	1303
Shirts and underwear.....	M. E. Smith & Co.....	63,240	June 11	128	2523
Shirts. Dress and negligée.....	Chatham Shirt Company.....	63,978	July 16	129	1263
Shirts. Dress and negligée.....	D. Moses.....	62,009	Apr. 16	127	2810
Shirts. Dress and negligée.....	J. Silvey & Co.....	65,364	Sept. 24	130	1303
Shirts. Dress and negligée.....	Burnham Hanna Munger Dry Goods Co.....	65,904	Oct. 29	130	2714
Shirts. Dress and negligée.....	J. H. Rice & Friedmann Co.....	66,627	Dec. 17	131	1936
Shirts. Dress, negligée, and flannel.....	Burnham-Munger Mfg. Co.....	65,622	Oct. 15	130	2061
Shirts, jackets, overalls, and trousers.....	R. L. McDonald & Co.....	65,833	Oct. 22	130	2368
Shirts. Laundered colored.....	C. B. Cones & Son Manufacturing Company.....	65,270	Sept. 17	130	972
Shirts. Men's cotton and woolen.....	Elmira Shirt Manufacturing Company.....	61,769	Apr. 2	127	1988
Shirts. Men's flannel.....	Frank Bros. & Co.....	62,575	May 14	128	881

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Shirts. Men's outer, dress, and negligée	Oppenheimer Straus and Company.	64,324	July 30	129	2071
Shirts. Negligée and workingmen's	Heynemann & Co.	60,555	Feb. 12	126	2583
Shirts. Outer	Greenebaum Brothers.	59,404	Jan. 8	126	749
Shirts, overalls, and pantaloons. Certain	J. Levi.	61,077	Mar. 5	127	386
Shirts, overalls, duck coats, and jumpers	Byrne & Hammer Dry Goods Co.	62,683	May 21	128	1286
Shirtings	Minot, Hooper & Co.	61,485	Mar. 26	127	1571
Shoe dressing or polish. Liquid	R. B. Hammond.	59,781	Jan. 15	126	1060
Shoe, leather, and harness polishes, blackings, and dressings	Eclipse Cement & Blacking Company.	61,291	Mar. 12	127	843
Shoe pinners and jacks	F. W. Whitcher.	61,918	Apr. 9	127	2390
Shoe-polish	Bell Mfg. Co.	59,428	Jan. 8	126	750
Shoe-polish	Albion Manufacturing Company.	62,493	May 7	128	452
Shoe-polish	C. Flodenbauer	64,095	July 23	129	1605
Shoe polish and blacking	Boyer & Company	63,485	June 25	128	3281
Shoe polish and blacking	Boyer & Company	63,486	June 25	128	3281
Shoe-polish paste	F. F. Dalley Co. of Hamilton.	62,509	May 14	128	879
Shoe polish. Patent-leather-	L. Graziadei.	64,012	July 16	129	1264
Shoes	S. Dalsimer	62,744	May 21	128	1288
Shoes and oxfords. Women's leather	Kellam-Goller-Land-Co.	63,235	June 11	128	2523
Shoes and slippers. Felt	H. O. Gardner	59,850	Jan. 22	126	1348
Shoes and slippers. Ladies' and misses' leather	Paul Brothers.	61,137	Mar. 5	127	387
Shoes and slippers. Leather	Dixon Bartlett Co.	62,130	Apr. 23	127	3209
Shoes and slippers. Leather	B. Rosenberg & Sons	62,643	May 21	128	1285
Shoes and slippers. Leather	B. Rosenberg & Sons	62,656	May 21	128	1285
Shoes and slippers. Leather	Clarke Bros.	61,541	Mar. 26	127	1573
Shoes and slippers. Leather	Clarke Bros.	61,542	Mar. 26	127	1573
Shoes	Carruthers-Jones Shoe Co.	65,147	Sept. 10	130	650
Shoes	Clarke Bros.	61,552	Mar. 26	127	1573
Shoes	Augustus Wright Company	59,240	Jan. 1	126	383
Shoes	W. R. and Auburn Lynn Shoes Co	59,283	Jan. 1	126	384
Shoes	H. T. Anderson	59,627	Jan. 15	126	1056
Shoes	G. E. Smith	59,845	Jan. 22	126	1347
Shoes	Peters Shoe Co.	60,846	Feb. 19	126	3038
Shoes	Western Shoe Company	60,950	Feb. 26	126	3417
Shoes	F. J. Currier	61,249	Mar. 12	127	842
Shoes	May Company	61,258	Mar. 12	127	842
Shoes	W. S. Johnson	61,296	Mar. 12	127	843
Shoes	Mistrot Bros. & Co.	61,422	Mar. 19	127	1249
Shoes	A. Priemeyer Shoe Co.	61,451	Mar. 19	127	1250
Shoes	Sachs Shoe Mfg. Co.	62,140	Apr. 23	127	3209
Shoes	Broadwalk Shoe Company	62,571	May 14	128	881
Shoes	F. A. McGowan	62,620	May 14	128	882
Shoes	N. H. Marvin	62,928	May 28	128	1685
Shoes	Fleishman, Morris & Co.	63,018	June 4	128	2079
Shoes	R. H. Lane & Company	63,236	June 11	128	2523
Shoes	Noyes-Norman Shoe Co.	63,241	June 11	128	2523
Shoes	E. Periberg	63,474	June 25	128	3281
Shoes	Williams-Kneeland Company	63,480	June 25	128	3281
Shoes	A. Newman	63,713	July 2	129	476
Shoes	Fleishman, Morris & Co.	63,735	July 2	129	476
Shoes	Clarke Bros.	64,062	July 23	129	1604
Shoes	R. P. Smith & Sons Co.	64,072	July 23	129	1604
Shoes	R. P. Smith & Sons Co.	64,073	July 23	129	1604
Shoes	R. P. Smith & Sons Co.	64,074	July 23	129	1604
Shoes	Giesecke - D'Oench - Hays Shoe Company.	64,222	July 30	129	2068
Shoes	Clarke Bros.	64,239	July 30	129	2069
Shoes	W. D. Brackett & Co.	64,545	Aug. 13	129	2852
Shoes	Hennessy Mercantile Co.	64,786	Aug. 20	129	3156
Shoes	Noyes-Norman Shoe Co.	64,793	Aug. 20	129	3156
Shoes	Sharood Shoe Corp.	64,802	Aug. 20	129	3157
Shoes	A. W. Boardman	64,912	Aug. 27	129	3497
Shoes	G. E. Bartlett	64,958	Sept. 3	130	293
Shoes	E. E. Taylor Co.	66,357	Nov. 26	131	1155
Shoes	Bentley & Olmsted Company	66,495	Dec. 10	131	1681
Shoes	Chipman, Harwood & Co.	64,085	July 23	129	1604
Shoes	Keiffer Bros.	66,000	Nov. 5	131	354
Shoes	Keiffer Bros.	66,001	Nov. 5	131	354
Shoes	Keiffer Bros.	66,002	Nov. 5	131	354
Shoes	Keiffer Bros.	66,003	Nov. 5	131	354
Shoes	Mouadnock Shoe Co.	65,322	Sept. 17	130	973
Shoes made wholly or in part of leather	Peters Shoe Co.	63,370	June 18	128	2830
Shoes. Men's, boys', and youths' leather	Clarke Bros.	61,540	Mar. 26	127	1573
Shoes. Men's leather	Golden State Shoe Co.	60,232	Jan. 29	126	1771
Shoes. Men's leather	Clarke Bros.	61,539	Mar. 26	127	1573
Shoes of leather or cloth	Ramsfelder-Erick Company	64,227	July 30	129	2069
Shoes. Women's leather	Rice & Hutchins.	64,945	Aug. 27	129	3498
Shoulder-braces	C. Munter	65,363	Sept. 24	130	1303
Shoulder-braces and suspenders	P. Bailly & Cie.	63,356	June 18	128	2829
Shoulder-braces and suspenders	P. Bailly & Cie.	63,357	June 18	128	2829
Shoulder-braces and suspenders	P. Bailly & Cie.	63,771	July 9	129	863
Shoulder-braces and suspenders	P. Bailly & Cie.	63,800	July 9	129	864
Shoulder-braces and suspenders	P. Bailly & Cie.	63,801	July 9	129	864
Shovels and spades	George Worthington Company.	59,026	Jan. 1	126	377
Shovels, scoops, and spades	George Worthington Company.	59,025	Jan. 1	126	377
Shovels, spades, and scoops	Ames Shovel and Tool Company	59,594	Jan. 15	126	1055
Shovels, spades, and scoops	Ames Shovel and Tool Company	59,595	Jan. 15	126	1055
Shovels, spades, and scoops	Wyoming Shovel Works.	60,055	Jan. 22	126	1353
Shovels, spades, hoes, rakes, and screw-drivers	Brown-Hurley Hardware Company.	62,428	May 7	128	450
Sideboards, buffets, beds, &c.	Indiana Furniture Co.	65,772	Oct. 22	130	2306
Sifter. Ash-	M. Froese	60,066	Jan. 29	126	1767
Sifters. Machine-	Fred. J. Meyers Manufacturing Company.	61,942	Apr. 9	127	2391
Signaling apparatus	J. Astrom	63,255	June 11	128	2524

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Silk and cotton piece goods.....	S. Friedman & Co.....	65,083	Sept. 3	130	296
Silk and silk and cotton piece goods.....	M. Strauss.....	63,373	June 18	128	2830
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	63,684	July 2	129	475
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	63,685	July 2	129	475
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	63,686	July 2	129	475
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	64,883	Aug. 27	129	3496
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	64,884	Aug. 27	129	3496
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	64,885	Aug. 27	129	3496
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	64,886	Aug. 27	129	3497
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	64,887	Aug. 27	129	3497
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	64,888	Aug. 27	129	3497
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	64,889	Aug. 27	129	3497
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	64,890	Aug. 27	129	3497
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	64,891	Aug. 27	129	3497
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	64,892	Aug. 27	129	3497
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	65,057	Sept. 3	130	295
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	65,090	Sept. 3	130	296
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	65,281	Sept. 17	130	972
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	65,282	Sept. 17	130	972
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	65,283	Sept. 17	130	972
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	65,284	Sept. 17	130	972
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	65,285	Sept. 17	130	972
Silk and silk-mixed piece goods.....	Susquehanna Silk Mills.....	65,707	Oct. 15	130	2063
Silk. Artificial.....	Magyar Chardonnét Selyemgyár Részvénytársaság.....	64,877	Aug. 27	129	3496
Silk. Artificial.....	Magyar Chardonnét Selyemgyár Részvénytársaság.....	64,878	Aug. 27	129	3496
Silk. Broad.....	J. S. Castell & Co.....	61,478	Mar. 26	127	1571
Silk dress goods.....	Lehigh Valley Silk Mills.....	61,484	Mar. 26	127	1571
Silk dress goods.....	F. L. Bryant.....	62,712	May 21	128	1287
Silk dress goods.....	Fried, Mendelson & Co.....	63,377	June 18	128	2630
Silk dress goods.....	Fried, Mendelson & Co.....	65,274	Sept. 17	130	972
Silk dress goods.....	Mendelson Bros.....	65,451	Sept. 24	130	1305
Silk dress goods in the piece.....	Valentine & Bentley Silk Co.....	60,337	Feb. 5	126	2183
Silk dress goods in the piece.....	Rogers & Thompson.....	61,311	Mar. 12	127	843
Silk fabrics.....	Lanza Silk Company.....	61,779	Apr. 2	127	1989
Silk linings.....	Wendt Brothers.....	62,787	May 28	128	1681
Silk piece goods.....	York Silk Manufacturing Com- pany.....	59,992	Jan. 22	126	1351
Silk piece goods.....	Valentine & Bentley Silk Co.....	60,091	Jan. 29	126	1768
Silk piece goods.....	S. L. Felber.....	60,428	Feb. 5	126	2185
Silk piece goods.....	York Silk Manufacturing Co.....	61,125	Mar. 5	127	387
Silk piece goods.....	Home Silk Mills.....	61,363	Mar. 19	127	1247
Silk piece goods.....	Sauquoit Silk Manufacturing Company.....	61,912	Apr. 9	127	2390
Silk piece goods.....	Susquehanna Silk Mills.....	63,060	June 4	128	2080
Silk piece goods.....	Susquehanna Silk Mills.....	63,061	June 4	128	2080
Silk piece goods.....	Leerbürger & Hesslein.....	63,237	June 11	128	2523
Silk piece goods.....	Empire Silk Co.....	63,364	June 18	128	2830
Silk piece goods.....	Valentine & Bentley Silk Co.....	63,509	June 25	128	3282
Silk piece goods.....	Stirling Silk Mfg. Co.....	65,327	Sept. 17	130	973
Silk piece goods.....	Cheney Brothers.....	65,582	Oct. 8	130	1684
Silk piece goods and ribbon.....	Phoenix Silk Mfg. Co.....	64,201	July 30	129	2068
Silk piece goods and silk-mixed piece goods.....	Susquehanna Silk Mills.....	66,033	Nov. 5	131	355
Silk piece goods and silk ribbon.....	King, Brinsmade Mercantile Company.....	61,384	Mar. 19	127	1248
Silk ribbons, piece goods, and linings.....	S. C. Guyon.....	61,754	Apr. 2	127	1988
Silk undershirts.....	S. N. Magill.....	65,640	Oct. 15	130	2061
Silks. Broad, dress, and piece.....	J. Wanamaker.....	61,493	Mar. 26	127	1571
Silks. Dress.....	Norfolk Silk Company.....	59,116	Jan. 1	126	379
Silks. Dress.....	A. H. Sands.....	61,491	Mar. 26	127	1571
Silver and metal polishes.....	J. A. Wright & Co.....	64,981	Sept. 3	130	293
Silver-cleaning solution.....	S. Hudgens.....	63,624	July 2	129	473
Silver knives, forks, spoons, &c. Solid and plated.....	Towle Mfg. Company.....	61,366	Mar. 19	127	1248
Silver-lead or plumbago foundry-facings, &c.....	United States Graphite Company.....	62,978	June 4	128	2078
Silver. Manufactures of.....	Joseph Rodgers & Sons.....	63,051	June 4	128	2079
Silver. Organic salts of.....	John Wyeth and Brother.....	59,750	Jan. 15	126	1059
Silver-plated, flat, and hollow ware and cutlery.....	Wm. A. Rogers Limited.....	59,396	Jan. 8	126	749
Silver-plated, flat, and hollow ware and cutlery.....	Wm. A. Rogers Limited.....	59,422	Jan. 8	126	750
Silver-plated flatware.....	International Silver Company.....	63,981	July 16	129	1263
Silver-plated jewelry, toilet, hollow, and flat ware.....	E. & J. Bass.....	62,319	Apr. 30	127	3637
Silver-plated tableware.....	Manchester Mfg. Co.....	59,854	Jan. 22	126	1348
Silver-polishing compound.....	D. E. Mackey.....	60,279	Feb. 5	126	2181
Silver table, hollow, and flat ware.....	Alvin Manufacturing Co.....	64,096	July 23	129	1605
Silver table, hollow, and flat ware.....	Alvin Manufacturing Co.....	64,097	July 23	129	1605
Silver table, hollow, and flat ware.....	Alvin Manufacturing Co.....	64,098	July 23	129	1605
Silver tableware. Sterling.....	Sims, Mayer & Bros.....	65,560	Oct. 8	130	1683
Silverware and jewelry. Certain.....	Josephs Bro. & Co.....	63,247	June 11	128	2524
Silverware. Certain.....	J. Hasselbring.....	63,526	June 25	128	3282
Silverware. Certain imitation.....	G. E. Herring.....	59,353	Jan. 8	126	748
Silverware. Imitation.....	International Silver Company.....	59,049	Jan. 1	126	378
Size for threads and yarns.....	Erste Wiener Export-Malzfab- rik Hauser & Sobotka.....	60,596	Feb. 12	126	2585
Sizes. Starch.....	Arabol Mfg Co.....	62,607	May 14	128	882
Sizing plastic material.....	N. Pellow.....	66,202	Nov. 12	131	688
Skates. Ice and roller.....	Samuel Winslow Skate Mfg. Co.....	66,711	Dec. 24	131	2140
Skin food.....	A. Sutherland.....	63,787	July 9	129	864
Skin food.....	E. H. Silljan.....	65,029	Sept. 3	130	295
Skins and rugs. Certain.....	C. Schmitz & Co.....	66,415	Nov. 26	131	1156
Skins. Chrome and bark tanned calf, colt, and kid.....	Beckwith Leather Co.....	60,749	Feb. 19	126	3036
Skirts and waists. Ladies'.....	L. Ecker.....	64,111	July 23	129	1605
Skirts and walking-overskirts. Ladies' and misses' dress.....	Royal Skirt Co.....	66,491	Dec. 3	131	1417
Skirts. Maternity.....	Beyer & Williams Company.....	60,750	Feb. 19	126	3036
Slate and lumber. Artificial.....	Asbestos Shingle Slate & Sheath- ing Company.....	64,829	Aug. 27	129	3495
Slate. Roofing.....	Bangor Roofing Slate Manufac- turing Association.....	61,040	Mar. 5	127	385

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Slate. Roofing.....	Genuine Bangor Slate Co.....	66,588	Dec. 17	131	1935
Slate. Roofing and building.....	Genuine Bangor Slate Co.....	60,896	Feb. 26	126	3416
Sleds.....	S. L. Allen & Co.....	61,432	Mar. 19	127	1249
Sleds.....	S. L. Allen & Co.....	61,433	Mar. 19	127	1249
Slippers.....	G. Mehringer & Company.....	59,489	Jan. 8	126	752
Smallpox preventive.....	J. T. White.....	60,209	Jan. 29	126	1771
Smalt.....	W. C. Estes.....	60,273	Feb. 5	126	2181
Snap-fasteners.....	Alma Manufacturing Company of Baltimore City.....	61,281	Mar. 12	127	842
Snap-fasteners for garments.....	Francis Hook & Eye & Fastener Company.....	65,211	Sept. 10	130	652
Snuff.....	H. Groya.....	65,675	Oct. 15	130	2062
Snuff.....	I. Sjöberg.....	66,480	Dec. 3	131	1417
Snuff-boxes.....	A. A. Koháry.....	64,836	Aug. 27	129	3495
Soap.....	Lever Brothers Company.....	59,030	Jan. 1	126	377
Soap.....	Lever Brothers Company.....	59,031	Jan. 1	126	377
Soap.....	Lever Brothers Company.....	59,032	Jan. 1	126	377
Soap.....	Lever Brothers Company.....	59,033	Jan. 1	126	377
Soap.....	Lever Brothers Company.....	59,034	Jan. 1	126	377
Soap.....	J. F. G. de Roussy de Sales.....	59,040	Jan. 1	126	377
Soap.....	Colgate & Co.....	59,047	Jan. 1	126	378
Soap.....	Southern Cotton Oil Company.....	59,141	Jan. 1	126	380
Soap.....	Southern Cotton Oil Company.....	59,142	Jan. 1	126	380
Soap.....	Southern Cotton Oil Company.....	59,209	Jan. 1	126	382
Soap.....	A. Smith & Co.....	59,314	Jan. 8	126	747
Soap.....	N. K. Fairbank Company.....	59,411	Jan. 8	126	750
Soap.....	Lever Brothers Company.....	59,446	Jan. 8	126	751
Soap.....	H. C. G. Luyties.....	59,705	Jan. 15	126	1058
Soap.....	A. C. Stewart.....	59,719	Jan. 15	126	1058
Soap.....	N. K. Fairbank Company.....	59,758	Jan. 15	126	1059
Soap.....	N. K. Fairbank Company.....	59,855	Jan. 22	126	1348
Soap.....	N. K. Fairbank Company.....	59,921	Jan. 22	126	1349
Soap.....	N. K. Fairbank Company.....	59,922	Jan. 22	126	1349
Soap.....	Comfort Powder Company.....	60,254	Feb. 5	126	2181
Soap.....	Lever Brothers Company.....	60,260	Feb. 5	126	2181
Soap.....	A. W. Stadler.....	60,285	Feb. 5	126	2182
Soap.....	W. F. Helmer.....	60,656	Feb. 19	126	3033
Soap.....	H. B. Claffin Company.....	60,897	Feb. 26	126	3416
Soap.....	Southern Cotton Oil Company.....	60,966	Feb. 26	126	3418
Soap.....	Pompeian Mfg. Co.....	61,081	Mar. 5	127	386
Soap.....	Barclay & Barclay.....	61,285	Mar. 12	127	843
Soap.....	Barclay & Barclay.....	61,286	Mar. 12	127	843
Soap.....	Mexican Amole Soap Co.....	61,304	Mar. 12	127	843
Soap.....	Mexican Amole Soap Co.....	61,305	Mar. 12	127	843
Soap.....	E. Goltze.....	61,324	Mar. 12	127	844
Soap.....	Pompeian Mfg. Co.....	61,471	Mar. 26	127	1571
Soap.....	Pompeian Mfg. Co.....	61,474	Mar. 26	127	1571
Soap.....	Lever Brothers Company.....	61,633	Apr. 2	127	1985
Soap.....	Mexican Amole Soap Co.....	61,635	Apr. 2	127	1985
Soap.....	E. D. Ward.....	61,637	Apr. 2	127	1985
Soap.....	R. M. Hollingshead.....	61,774	Apr. 2	127	1989
Soap.....	Colgate & Co.....	61,829	Apr. 9	127	2388
Soap.....	N. K. Fairbank Company.....	62,357	Apr. 30	127	3638
Soap.....	C. J. Rath.....	62,408	May 7	128	449
Soap.....	C. J. Rath.....	62,486	May 7	128	451
Soap.....	Iowa Soap Company.....	62,640	May 21	128	1285
Soap.....	S. Palmer.....	62,645	May 21	128	1285
Soap.....	S. Palmer.....	62,646	May 21	128	1285
Soap.....	G. A. Schmidt.....	62,763	May 21	128	1288
Soap.....	Cincinnati Soap Company.....	62,951	June 4	128	2077
Soap.....	David Brown & Son.....	62,954	June 4	128	2077
Soap.....	M. W. Klaff.....	63,121	June 4	128	2081
Soap.....	Robinson Bros. & Company.....	63,342	June 18	128	2829
Soap.....	Robinson Bros. & Company.....	63,343	June 18	128	2829
Soap.....	Robinson Bros. & Company.....	63,344	June 18	128	2829
Soap.....	Robinson Bros. & Company.....	63,345	June 18	128	2829
Soap.....	Robinson Bros. & Company.....	63,346	June 18	128	2829
Soap.....	Robinson Bros. & Company.....	63,347	June 18	128	2829
Soap.....	Robinson Bros. & Company.....	63,476	June 25	128	3281
Soap.....	Robinson Bros. & Company.....	63,477	June 25	128	3281
Soap.....	Robinson Bros. & Company.....	63,478	June 25	128	3281
Soap.....	N. K. Fairbank Company.....	63,626	July 2	129	473
Soap.....	David Brown & Son.....	64,277	July 30	129	2070
Soap.....	F. A. Richter.....	64,399	Aug. 6	129	2495
Soap.....	Krom Soap Company.....	64,525	Aug. 13	129	2852
Soap.....	Robinson Bros. & Company.....	64,665	Aug. 20	129	3153
Soap.....	Robinson Bros. & Company.....	64,756	Aug. 20	129	3155
Soap.....	M. Werk Co.....	64,966	Sept. 3	130	293
Soap.....	Brown Soap Co.....	65,194	Sept. 10	130	651
Soap.....	S. Hamill Company.....	65,201	Sept. 10	130	652
Soap.....	M. Werk Co.....	65,321	Sept. 17	130	973
Soap.....	M. Werke Co.....	65,535	Oct. 8	130	1082
Soap.....	Robinson Bros. & Company.....	65,760	Oct. 22	130	2266
Soap.....	Max Huncke Chemical Co.....	65,889	Oct. 29	130	2714
Soap.....	Procter & Gamble Company.....	66,144	Nov. 12	131	686
Soap.....	Los Angeles Olive Growers Asso- ciation.....	66,220	Nov. 19	131	935
Soap.....	Lever Brothers.....	66,442	Nov. 26	131	1157
Soap.....	Pacific Coast Borax Company.....	66,563	Dec. 10	131	1682
Soap.....	Compagnie Ray mit beschränkter Haftung.....	66,657	Dec. 17	131	1937
Soap.....	Master Soap Co.....	66,882	Dec. 31	131	2413
Soap and bath powder.....	Pacific Coast Borax Co.....	64,969	Sept. 3	130	293
Soap and soap powders.....	Zarnits Brothers Grocery Com- pany.....	62,567	May 14	128	880
Soap and washing powder.....	Siegel Cooper & Co.....	63,146	June 11	128	2521

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Soap. Antiseptic toilet	Hall & Ruckel	61,630	Apr. 2	127	1985
Soap. Bar	D. Rumsfeld	65,687	Oct. 15	130	2063
Soap. Camphorated liquid	Fiske Brothers Refining Co.	66,859	Dec. 31	131	2413
Soap. Cotton-seed-oil	Union Oil Company	60,579	Feb. 12	126	2584
Soap. Cotton-seed-oil	Union Oil Company	63,628	July 2	129	473
Soap for laundry use	Procter & Gamble Company	65,892	Oct. 29	130	2714
Soap. Granulated	T. Herson	60,256	Feb. 5	126	2181
Soap. Hard polishing	Borsum Bros.	60,892	Feb. 26	126	3416
Soap. Hard polishing	Borsum Bros.	60,893	Feb. 26	126	3416
Soap. Laundry	Standard Soap Co.	59,043	Jan. 1	126	377
Soap. Laundry	James S. Kirk & Company	61,295	Mar. 12	127	843
Soap. Laundry	N. K. Fairbank Company	61,338	Mar. 19	127	1247
Soap. Laundry	H. Bick	62,061	Apr. 16	127	2811
Soap. Laundry	Ruschhaupt Bros.	64,020	July 16	129	1264
Soap. Laundry	Southern Cotton Oil Company	65,707	Oct. 15	130	2063
Soap. Laundry and toilet	Enterprise Soap Works	65,880	Oct. 29	130	2713
Soap. Laundry and toilet	Enterprise Soap Works	65,881	Oct. 29	130	2714
Soap. Laundry and toilet	Enterprise Soap Works	65,882	Oct. 29	130	2714
Soap. Liquid	B. S. McKean	59,384	Jan. 8	126	749
Soap. Liquid	A. V. Hassman	62,330	Apr. 30	127	3637
Soap made of wool-fat	Vereinigte Chemische Werke Aktiengesellschaft.	66,400	Nov. 26	131	1156
Soap manufactured from wool-grease	Vereinigte Chemische Werke Aktiengesellschaft.	65,761	Oct. 22	130	2366
Soap. Medicated	Ichthyol Gesellschaft Cordes, Hermann & Co.	61,465	Mar. 26	127	1571
Soap. Medicated	Lloyd Brothers	62,074	Apr. 16	127	2811
Soap. Medicated	Ichthyol Gesellschaft Cordes, Hermann & Co.	62,521	May 14	128	879
Soap. Medicated and perfumed	Potter Drug & Chemical Corporation.	59,878	Jan. 22	126	1348
Soap. Medicated and perfumed	Potter Drug & Chemical Corporation.	59,879	Jan. 22	126	1348
Soap. Medicated toilet	G. C. Wilson	61,866	Apr. 9	127	2380
Soap. Medicated toilet	Magnolia Healing Soap Co.	64,527	Aug. 13	129	2852
Soap. Perfumed	A. & F. Pears	59,910	Jan. 22	126	1349
Soap. Perfumed	A. & F. Pears	59,911	Jan. 22	126	1349
Soap. Perfumed	A. & F. Pears	60,057	Jan. 29	126	1767
Soap. Perfumed	A. & F. Pears, Lind.	62,259	Apr. 30	127	3635
Soap. Perfumed	A. & F. Pears	64,320	July 30	129	2071
Soap. Perfumed	A. & F. Pears	64,411	Aug. 6	129	2495
Soap. Perfumed	A. & F. Pears	64,692	Aug. 20	129	3154
Soap. Perfumed	A. F. Thompson	64,763	Aug. 20	129	3156
Soap. Perfumed	A. & F. Pears	65,748	Oct. 22	130	2366
Soap. Perfumed	A. & F. Pears	65,895	Oct. 29	130	2714
Soap. Perfumed and medicated	H. S. Kelley	62,071	Apr. 16	127	2811
Soap-powder	Cudahy Packing Company	59,183	Jan. 1	126	381
Soap-powder	Lever Brothers Company	63,471	June 25	128	3281
Soap. Powdered granular	R. Ellis	66,215	Nov. 19	131	935
Soap. Pumice	Haskins Bros. & Co.	61,326	Mar. 12	127	844
Soap. Shaving	J. T. Robertson Company	60,153	Jan. 29	126	1769
Soap substitutes	C. M. McAfee	63,964	July 16	129	1263
Soap. Toilet	D. Estes	62,107	Apr. 16	127	2812
Soap. Toilet	Remmers Soap Co.	63,627	July 2	129	473
Soap. Toilet	Medicated Supplies Co.	64,340	Aug. 6	129	2493
Soap. Toilet	James S. Kirk & Company	65,888	Oct. 29	130	2714
Soap. Toilet and laundry	Hewitt Bros. Soap Company	64,089	July 23	129	1604
Soap. Toilet and laundry	A. Hons	66,709	Dec. 24	131	2140
Soap. Tooth-	J. S. Ramage	66,847	Dec. 31	131	2412
Soap, washing-powder, &c.	H. L. Shaw	65,181	Sept. 10	130	651
Soaps	A. & F. Pears	59,685	Jan. 15	126	1057
Soaps	Mexican Amole Soap Co.	61,819	Apr. 9	127	2387
Soaps	W. Berry	62,263	Apr. 30	127	3635
Soaps	Colgate & Co.	63,218	June 11	128	2523
Soaps	Colgate & Co.	63,219	June 11	128	2523
Soaps	Mexican Medicine Co.	65,332	Sept. 17	130	973
Soaps	E. W. Holden	65,373	Sept. 24	130	1303
Soaps	L. F. Shimmers	66,398	Nov. 26	131	1156
Soaps	H. B. Claffin Company	66,860	Dec. 31	131	2413
Soaps and detergent washing-powders	Fischer Bros.	65,883	Oct. 29	130	2714
Soaps and scouring and cleaning compounds	General Need Company	60,695	Feb. 19	126	3034
Soaps and soap powder	C. H. Crew	65,195	Sept. 10	130	651
Soaps and soap powders	Colgate & Co.	60,647	Feb. 19	126	3033
Soaps in powdered and cake forms	Great Atlantic & Pacific Tea Company.	62,778	May 28	128	1681
Soaps. Laundry, toilet, and textile	Thomas Gill Soap Co.	64,433	Aug. 6	129	2495
Soaps. Paste	F. Lee	60,391	Feb. 5	126	2184
Soaps. Perfumed	A. & F. Pears	64,511	Aug. 13	129	2851
Soaps. Perfumed fancy	A. & F. Pears	62,384	May 7	128	449
Soaps. Toilet	B. T. Babbitt Inc.	66,380	Nov. 26	131	1155
Soaps. Toilet and laundr.	Citizens' Wholesale Supply Co.	59,375	Jan. 8	126	749
Soaps. Toilet and medicinal	Barclay & Barclay	65,193	Sept. 10	130	651
Soapstone tubs, tanks, sinks, &c.	American Soapstone Co.	64,025	July 23	129	1603
Socks	Bowman, Eldridge & Company	63,260	June 11	128	2524
Soda and saleratus	Church & Dwight Company	59,096	Jan. 1	126	379
Soda. Bicarbonate of	Citizens' Wholesale Supply Co.	62,610	May 14	128	882
Soda. Caustic	Chance & Hunt	63,589	June 25	128	3284
Soda. Caustic	Chance & Hunt	66,212	Nov. 19	131	935
Soda-fountains and parts of same	Decatur Fountain Company	64,932	Aug. 27	129	3498
Soda or saleratus. Baking	J. C. Grant Chemical Company	65,356	Sept. 24	130	1303
Soda, saleratus, and baking-powder	Church & Dwight Company	59,574	Jan. 8	126	754
Soda, saleratus, and baking-powder	Church & Dwight Co.	59,817	Jan. 15	126	1061
Soda, saleratus, and baking-powder	Church & Dwight Co.	60,407	Feb. 5	126	2185
Soda, saleratus, and baking-powder. Baking	Church & Dwight	59,095	Jan. 1	126	379
Soda-water and mineral water	Andrew Lohr Bottling Co.	63,254	June 11	128	2524
Sodium sulfid and blanc fixe	Cheeseman Chemical Co.	63,977	July 16	129	1263

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Solder-paste.....	W. H. Blood, Jr.....	60,404	Feb. 5	126	2185
Soldering and cleansing metals. Solution for.....	Brumer Bros.....	61,641	Apr. 2	127	1985
Soldering and coating preparation. Metal.....	Küpper's Metallwerke Gesell- schaft mit beschränkter Haf- tung.....	63,910	July 16	129	1261
Soldering-flux.....	Garden City Laboratory.....	61,026	Feb. 26	126	3419
Soldering-flux.....	M. W. Dunton and Company.....	61,781	Apr. 2	127	1989
Soldering, sad, and branding irons. Electrically-heated.....	A. A. Low.....	66,332	Nov. 19	131	938
Soles. Inlay.....	A. Maass, Fabrik antiseptischer Artikel.....	62,990	June 4	128	2078
Soles. Wool.....	D. I. Rogow.....	65,511	Oct. 8	130	1682
Soles. Wool.....	D. I. Rogow.....	65,613	Oct. 8	130	1685
Sound recording or reproducing machines and parts thereof and records.....	Victor Talking Machine Company.....	59,550	Jan. 8	126	753
Sound recording or reproducing machines, parts thereof, and records therefor.....	Universal Talking Machine Man- ufacturing Company.....	65,540	Oct. 8	130	1683
Soup and bouillon stocks.....	Patterson-Cabell Co.....	63,104	June 4	128	2081
Soup preparations. Certain named.....	Fabrik von Maggis Nahrungs- smitteln.....	61,042	Mar. 5	127	385
Soup preparations. Certain named.....	Fabrik von Maggis Nahrungs- smitteln.....	61,043	Mar. 5	127	385
Spaghetti, vermicelli, macaroni, and noodles.....	A. Zerega's Sons.....	65,236	Sept. 17	130	971
Spark-plugs.....	A. R. Mosler & Co.....	59,590	Jan. 15	126	1055
Spark-plugs.....	A. R. Mosler & Co.....	59,626	Jan. 15	126	1056
Spark-plugs.....	A. R. Mosler & Co.....	64,345	Aug. 6	129	2493
Spark-plugs, terminals, hoods, &c.....	Rajah Auto-Supply Company.....	63,884	July 9	129	866
Spavin cure.....	Troy Chemical Company.....	60,800	Feb. 19	126	3037
Specific for eczema.....	E. Moreau.....	59,265	Jan. 1	126	383
Specific for the cure of pains.....	H. F. Lindeman.....	60,414	Feb. 5	126	2185
Specific for throat, bronchial, and lung troubles.....	V. Williams.....	63,764	July 9	129	863
Spectacle and eyeglass lenses.....	W. W. Bissell.....	59,218	Jan. 1	126	382
Spectacle and eyeglass lenses.....	Failing Optical Co.....	62,939	May 28	128	1685
Spectacle and eyeglass lenses.....	Health-Ray Lens Company.....	64,662	Aug. 20	129	3153
Spectacle-frames.....	F. A. Hardy & Company.....	64,441	Aug. 6	129	2496
Spectacles and eyeglasses.....	T. A. Willson.....	63,133	June 4	128	2082
Spectacles and eyeglasses. Glazed.....	Southern Optical Manufacturing Company.....	60,817	Feb. 19	126	3038
Speed-indicating devices.....	R. H. Smith Manufacturing Com- pany.....	59,843	Jan. 22	126	1347
Speed-meters and tachometers.....	Warner Instrument Company.....	60,802	Feb. 19	126	3037
Speed-meters and tachometers.....	Warner Instrument Company.....	60,820	Feb. 19	126	3038
Spices.....	Black Hawk Coffee & Spice Com- pany.....	61,657	Apr. 2	127	1985
Spices.....	W. M. Cahill.....	64,727	Aug. 20	129	3155
Spices.....	Smith Lichty & Hillman Com- pany.....	64,951	Aug. 27	129	3498
Spices and flavoring extracts.....	Hills Bros.....	62,884	May 28	128	1684
Spices and flavoring extracts.....	St. Louis Coffee and Spice Mills.....	66,189	Nov. 12	131	687
Spices and mustard.....	K K K Medicine Company.....	62,555	May 14	128	880
Spices and mustard.....	E. R. Durkee & Co.....	65,114	Sept. 10	130	649
Spices and mustards.....	McCormick & Co.....	59,756	Jan. 15	126	1059
Spices and olives.....	A. Ethridge & Co.....	64,281	July 30	129	2070
Spices. Ground and whole.....	New Orleans Import Company.....	59,086	Jan. 1	126	379
Spices, mustard, and flavoring extracts.....	John Bird Company.....	64,524	Aug. 13	129	2852
Spices, mustards, and flavoring extracts.....	McCormick & Co.....	60,500	Feb. 12	126	2584
Spices, pepper, and flavoring extracts.....	J. De Wees.....	60,471	Feb. 12	126	2581
Spinning-rings for textile machinery.....	Draper Company.....	65,823	Oct. 22	130	2368
Sponges. Certain prepared.....	G. Glass.....	65,884	Oct. 29	130	2714
Spool-cotton, sewing-cotton, and thread.....	American Thread Company.....	66,036	Nov. 5	131	355
Spool-cotton, sewing-cotton, and thread.....	American Thread Company.....	66,117	Nov. 12	131	685
Spool-cotton, sewing-cotton, and thread.....	American Thread Company.....	66,118	Nov. 12	131	685
Spool-cotton, sewing-cotton, and thread.....	American Thread Company.....	66,119	Nov. 12	131	685
Spool-cotton, sewing-cotton, and thread.....	American Thread Company.....	66,196	Nov. 12	131	687
Spoons. Souvenir silver.....	J. R. Watts & Co.....	63,689	July 2	129	475
Sporting goods. Certain.....	New York Sporting Goods Co.....	59,960	Jan. 22	126	1351
Sporting goods. Certain.....	W. Read & Sons.....	60,315	Feb. 5	126	2182
Sporting goods. Certain.....	Draper and Maynard Company.....	60,676	Feb. 19	126	3034
Sprays. Flexible metallic.....	Flexo Spray Co.....	65,475	Oct. 8	130	1681
Springs. Cushion.....	Ventilated Cushion & Spring Company.....	62,546	May 14	128	880
Squares.....	Simmons Hardware Company.....	63,715	July 2	129	476
Squares. Mechanics'.....	F. G. Breul.....	59,046	Jan. 1	126	378
Squares. Try, steel, and framing.....	Simmons Hardware Company.....	60,371	Feb. 5	126	2184
Stains.....	Standard Varnish Works.....	65,204	Sept. 10	130	652
Stains. Wood and shingle.....	S. Cabot.....	63,871	July 9	129	866
Stamps. Trading.....	Eagle Trading Stamp Co.....	60,255	Feb. 5	126	2181
Stamps. Trading.....	Diamond Trading Stamp Com- pany.....	62,572	May 14	128	881
Stamps. Trading.....	Interchangeable Rebate System Company.....	65,504	Oct. 8	130	1682
Starch. Laundry.....	Challenge Starch Co.....	60,764	Feb. 19	126	3036
Starch. Laundry.....	Atlantic Starch Works.....	62,088	Apr. 16	127	2812
Starch. Laundry.....	National Starch Company.....	62,930	May 28	128	1685
Starch. Laundry.....	Sherer-Gillett Company.....	62,946	May 28	128	1685
Starch. Laundry.....	New York Glucose Co.....	63,646	July 2	129	474
Starch. Laundry.....	New York Glucose Co.....	63,647	July 2	129	474
Starch. Laundry.....	Corn Products Refining Co.....	63,929	July 16	129	1262
Starch. Laundry.....	Millcreek Valley Starch Company.....	64,463	Aug. 6	129	2496
Starch. Laundry.....	Grand Union Tea Co.....	65,476	Oct. 8	130	1681
Starch. Laundry.....	A. F. Hogue.....	65,633	Oct. 15	130	2061
Starch or size. Certain.....	Greene & Company.....	62,245	Apr. 30	127	3635
Starch polish.....	B. L. Lent.....	62,897	May 28	128	1684
Stationery. Certain articles of.....	Tower M'fg. & Nov. Co.....	59,651	Jan. 15	126	1056
Stationery. Certain articles of.....	Globe-Wernicke Company.....	63,724	July 2	129	476
Stationery. Certain articles of.....	Globe-Wernicke Company.....	63,725	July 2	129	476
Stationery. Certain articles of.....	Globe-Wernicke Company.....	63,726	July 2	129	476

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Statuary.....	Daprato Statuary Company.....	66,705	Dec. 24	131	2139
Stearin candle-pitch.....	Moore & Munger.....	63,965	July 16	129	1263
Steel.....	Taylor Iron and Steel Co.....	60,144	Jan. 29	126	1769
Steel.....	S. & C. Wardlow.....	61,316	Mar. 12	127	843
Steel.....	Columbia Steel Company.....	63,192	June 11	128	2522
Steel.....	P. F. Hogan.....	63,496	June 25	128	3281
Steel.....	Jno. Hy. Andrew & Co.....	65,490	Oct. 8	130	1681
Steel and iron bars, sheets, &c.....	Cammell Laird & Co.....	62,021	Apr. 16	127	2810
Steel and iron in bars, sheets, rails, &c.....	Cammell Laird & Co.....	62,020	Apr. 16	127	2810
Steel. Cast.....	Böhler Gebr. & Co. Aktiengesellschaft.....	61,598	Mar. 26	127	1574
Steel in bars, billets, and ingots.....	Hammacher, Delius & Co.....	64,936	Aug. 27	129	3498
Steel ingots, bars, &c.....	P. R. Kuehnrich.....	66,330	Nov. 19	131	938
Steel. Rolled.....	National Tube Company.....	60,332	Feb. 5	126	2183
Steel. Tool.....	J. A. Crowley.....	60,130	Jan. 29	126	1769
Steel. Tool.....	N. K. Peace.....	60,797	Feb. 19	126	3037
Steelware. Enameled.....	Geo. Borgfeldt & Co.....	62,150	Apr. 23	127	3209
Steelware. Enameled.....	Geo. Borgfeldt & Co.....	62,902	May 28	128	1684
Stiffening blades, cords, tapes, and fabrics.....	Warren Featherbone Co.....	62,736	May 21	128	1288
Stiffening cords, blades, tapes, and fabrics.....	Warren Featherbone Co.....	60,338	Feb. 5	126	2183
Stimulant for external and internal use.....	H. T. Lord Company.....	62,815	May 28	128	1682
Stockings.....	Levi Strauss & Co.....	61,241	Mar. 12	127	841
Stockings.....	Teft, Weller Company.....	62,029	Apr. 16	127	2810
Stockings.....	A. L. Brown.....	62,167	Apr. 23	127	3210
Stockings, knitted, netted and lace underwear and waists.....	Mona Manufacturing Company.....	66,725	Dec. 24	131	2140
Stogies.....	J. S. Haggerty Co.....	61,325	Mar. 12	127	844
Stogies.....	A. Pollack.....	62,779	May 28	128	1681
Stogies.....	J. B. Bain.....	62,826	May 28	128	1682
Stogies.....	A. Pollack.....	62,837	May 28	128	1682
Stogies.....	A. Pollack.....	62,880	May 28	128	1683
Stogies.....	A. Pollack.....	62,881	May 28	128	1683
Stogies.....	A. Pollack.....	62,882	May 28	128	1683
Stogies.....	A. Pollack.....	62,883	May 28	128	1683
Stogies.....	A. Pollack.....	63,310	June 11	128	2525
Stogies.....	A. Pollack.....	63,311	June 11	128	2525
Stogies.....	E. A. Lenkard & Co.....	65,757	Oct. 22	130	2366
Stogies.....	R. Rosenberg.....	66,474	Dec. 3	131	1417
Stokers. Underfeed.....	Underfeed Stoker Company of America.....	63,886	July 9	129	866
Stomach-regulators.....	Rhegulus Company.....	63,289	June 11	128	2525
Stone building-blocks.....	F. A. Richter.....	60,316	Feb. 5	126	2182
Stone. Quarried.....	John T. Dyer Quarry Co.....	65,100	Sept. 10	130	649
Stoppers of tin and cork.....	Manhattan Cork Specialty Co.....	65,217	Sept. 10	130	652
Storage and conveying apparatus.....	Dodge Coal Storage Company.....	62,280	Apr. 30	127	3636
Stout.....	S. Liebmann's Sons Brewing Company.....	61,365	Mar. 19	127	1248
Stout.....	Arthur Guinness Son & Co.....	63,040	June 4	128	2079
Stout.....	Arthur Guinness Son & Co.....	63,041	June 4	128	2079
Stove and metal polish.....	F. & E. Liebscher.....	66,411	Nov. 26	131	1156
Stove dressings and polish.....	S. M. Bixby & Co.....	62,968	June 4	128	2077
Stove dressings and polish.....	S. M. Bixby & Co.....	62,969	June 4	128	2077
Stove fuel-economizers. Gas.....	Commercial Manufacturing Company.....	60,675	Feb. 19	126	3034
Stove-gasoline.....	National Refining Company.....	61,055	Mar. 5	127	385
Stove-polish.....	W. Halleman.....	59,725	Jan. 15	126	1058
Stove-polish.....	W. Wierhake.....	61,088	Mar. 5	127	386
Stove-polish.....	J. A. Wright & Co.....	61,500	Mar. 26	127	1572
Stove-polish.....	H. C. Bomhard.....	62,495	May 7	128	452
Stove-polish.....	Black Silk Stove Polish Works.....	62,972	June 4	128	2077
Stove-polish.....	Black Silk Stove Polish Works.....	62,973	June 4	128	2077
Stove-polish.....	Joseph Dixon Crucible Company.....	62,976	June 4	128	2077
Stove-urns and certain lighting apparatus.....	W. Vogel & Bros.....	60,948	Feb. 26	126	3417
Stoves and furnaces.....	Engineer Company.....	64,679	Aug. 20	129	3153
Stoves and furnaces.....	Estate Stove Company.....	64,698	Aug. 20	129	3154
Stoves and furnaces and parts thereof.....	Charter Oak Stove and Range Company.....	62,808	May 28	128	1682
Stoves and irons. Electric heating.....	B. Goldman.....	59,666	Jan. 15	126	1057
Stoves and portable ovens. Heating.....	Novelty Manufacturing Company.....	60,081	Jan. 29	126	1767
Stoves and ranges.....	St. Louis Union Trust Company.....	59,394	Jan. 8	126	749
Stoves and ranges.....	Southern Stove Works, Branch Continental Stove Co.....	60,572	Feb. 12	126	2584
Stoves and ranges.....	Kelley-How-Thomson Co.....	63,335	June 18	128	2829
Stoves and ranges.....	St. Louis Union Trust Company.....	63,619	July 2	129	473
Stoves and ranges.....	St. Louis Union Trust Company.....	63,868	July 9	129	866
Stoves and ranges.....	Walker Stove and Range Co.....	63,947	July 16	129	1262
Stoves and ranges.....	St. Louis Union Trust Company.....	63,971	July 16	129	1263
Stoves and ranges.....	American Stove Company.....	64,652	Aug. 20	129	3153
Stoves and ranges.....	James Graham Manufacturing Co.....	65,178	Sept. 10	130	651
Stoves and ranges.....	James Graham Manufacturing Co.....	65,231	Sept. 10	130	652
Stoves and ranges.....	Helena Stove and Range Co.....	66,663	Dec. 17	131	1937
Stoves and ranges and fittings and parts thereof. Gas.....	William M. Crane Co.....	63,250	June 11	128	2524
Stoves and ranges, their parts and attachments.....	Phillips & Clark Stove Co.....	64,200	July 30	129	2068
Stoves and their parts.....	American Stove Company.....	64,653	Aug. 20	129	3153
Stoves, burners, and ovens. Gas, oil, and vapor.....	American Stove Company.....	62,215	Apr. 23	127	3211
Stoves. Cooking and heating.....	Gray & Dudley Hardware Co.....	60,920	Feb. 26	126	3416
Stoves. Fireless cook.....	Republic Metalware Company.....	65,569	Oct. 8	130	1683
Stoves, gasoline or vapor stoves, and vapor burners and ovens. Gas.....	American Stove Company.....	62,261	Apr. 30	127	3635
Stoves, heaters, and ovens. Certain.....	American Stove Company.....	66,758	Dec. 24	131	2141
Stoves. Heating.....	Novelty Manufacturing Company.....	60,540	Feb. 12	126	2583
Stoves. Heating and cooking.....	Fones Bros. Hardware Co.....	60,065	Jan. 29	126	1767
Stoves, ranges, and furnaces and parts thereof.....	Summit Foundry Co.....	66,204	Nov. 12	131	688
Stoves, ranges, and heaters.....	Hoosier Stove Co.....	65,594	Oct. 8	130	1684
Stoves, ranges, and heaters and coal-ranges. Gas.....	American Stove Company.....	66,759	Dec. 24	131	2141
Stoves, ranges, and heaters and coal-ranges. Gas.....	American Stove Company.....	66,760	Dec. 24	131	2141
Stoves, ranges, and parts thereof.....	Smith and Anthony Company.....	66,772	Dec. 24	131	2141

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Stoves, ranges, boilers, and furnaces.....	Boynton Furnace Company.....	65,979	Nov. 5	131	353
Stoves, ranges, furnaces, and heaters.....	Co-operative Foundry Co.....	62,721	May 21	128	1287
Stovepipes.....	Jacks - Evans Manufacturing Company.....	66,489	Dec. 3	131	1417
Strainers and valves.....	United Injector Co.....	59,419	Jan. 8	126	750
Strainers and valves.....	United Injector Co.....	59,967	Jan. 22	126	1351
Straw pipes or tubes.....	X. G. E. de Faucompré.....	62,857	May 28	128	1683
Stringed instruments.....	B. R. McMains.....	64,967	Sept. 3	130	293
Subcutaneous injections.....	H. Rosenberg.....	63,562	June 25	128	3283
Sugar.....	Postum Cereal Co.....	59,204	Jan. 1	126	382
Sugar.....	Rockwood Brothers Company.....	65,915	Oct. 29	130	2714
Sugar-granulators, cube-machines, &c.....	Hersey Manufacturing Company.....	65,724	Oct. 22	130	2365
Sugar syrup. Beet.....	Colorado Syrup Company.....	59,306	Jan. 8	126	747
Sugars. Refined.....	Henry Tate & Sons.....	62,267	Apr. 30	127	3635
Suits and overcoats. Men's top.....	Desbecker Block Tailoring Co.....	59,324	Jan. 8	126	747
Suits. Boys'.....	Kahn Wertheimer & Smith Co.....	59,638	Jan. 15	126	1056
Suits. Boys'.....	Brill Brothers.....	63,922	July 16	129	1262
Suits. Children's play.....	J. B. Pearson Company.....	62,782	May 28	128	1681
Suits. Children's play.....	J. B. Pearson Company.....	62,841	May 28	128	1682
Suits for boys and children.....	I. Frank & Co.....	65,273	Sept. 17	130	972
Sulfur compound. Soluble.....	J. B. Hixon.....	65,154	June 11	128	2521
Suppositories.....	W. S. Richardson.....	59,295	Jan. 1	126	384
Suppositories.....	H. E. Curry.....	60,387	Feb. 5	126	2184
Suppositories.....	Grape Capsule Company.....	64,456	Aug. 6	129	2496
Suppositories.....	J. S. Falck.....	66,099	Nov. 12	131	685
Suppositories, salves and teas.....	C. Kerschenmeyer.....	62,284	Apr. 30	127	3636
Suppositories, tablets, and pills.....	Dr. Pierre Chemical Company.....	65,959	Nov. 5	131	353
Suppositories. Vaginal.....	G. H. Koch.....	59,293	Jan. 1	126	384
Surgical bandages.....	G. A. Crayen & Co.....	62,651	May 21	128	1285
Surgical dressing. Certain.....	Peroxident Manufacturing Company.....	63,010	June 4	128	2078
Surgical dressings and appliances. Certain.....	J. Ellwood Lee Company.....	60,527	Feb. 12	126	2583
Surgical dressings and appliances. Certain.....	J. Ellwood Lee Company.....	60,528	Feb. 12	126	2583
Surgical dressings and appliances. Certain.....	J. Ellwood Lee Company.....	60,529	Feb. 12	126	2583
Surgical dressings and appliances. Certain.....	J. Ellwood Lee Company.....	60,530	Feb. 12	126	2583
Surgical gauze.....	Peruform Manufacturing Company.....	59,674	Jan. 15	126	1057
Surgical goods. Certain.....	Davis-Bridaham Drug Company.....	66,197	Nov. 12	131	687
Surgical goods. Certain.....	Faultless Rubber Company.....	66,485	Dec. 3	131	1417
Surgical goods. Certain.....	M. Lindsay Rubber Manufacturing Company.....	66,881	Dec. 31	131	2413
Surgical instruments. Certain named.....	P. C. Lorenz.....	59,999	Jan. 22	126	1352
Surgical lubricant.....	H. Melzer.....	66,594	Dec. 17	131	1935
Surgical lubricants.....	J. M. Grosvenor & Co.....	59,540	Jan. 8	126	753
Surgical purposes. Raw catgut and sewing-silk for.....	E. Scheffler.....	63,539	June 25	128	3283
Suspenders.....	A. D. Lobe.....	59,067	Jan. 1	126	378
Suspenders.....	Smithmade Suspender Co.....	63,384	June 18	128	2830
Suspenders.....	Lafayette Suspender Company.....	65,962	Nov. 5	131	353
Suspenders.....	Paragon Suspender Company.....	66,201	Nov. 12	131	688
Suspenders and belts.....	Monarch Suspender Co.....	66,670	Dec. 17	131	1937
Suspenders, belts, garters, &c.....	T. K. Webster, Jr.....	66,344	Nov. 19	131	938
Suspenders, belts, garters, &c.....	T. K. Webster, Jr.....	66,345	Nov. 19	131	938
Suspenders, belts, garters, &c.....	T. K. Webster, Jr.....	66,346	Nov. 19	131	938
Suspenders, belts, garters, &c.....	T. K. Webster, Jr.....	66,347	Nov. 19	131	938
Suspenders, garters, and belts.....	C. Bloomberg & Co.....	64,189	July 30	129	2068
Suspension devices. Frictional.....	Hartford Suspension Company.....	66,862	Dec. 31	131	2413
Suspensory.....	G. P. Morgan.....	63,078	June 4	128	2080
Suspensory bandages.....	Johnson & Johnson.....	60,328	Feb. 5	126	2183
Sweaters.....	George E. Wye Company.....	63,393	June 18	128	2830
Sweaters, cardigan jackets, knitted bathing-suits, and stockings.....	Plate & Clark Co.....	61,714	Apr. 2	127	1987
Sweeping compound. Chemical.....	W. F. Smith.....	65,030	Sept. 3	130	295
Switch-stands.....	Pettibone, Mulliken & Co.....	59,987	Jan. 22	126	1351
Syringes.....	B. F. Goodrich Company.....	65,425	Sept. 24	130	1305
Syringes.....	B. F. Goodrich Company.....	65,426	Sept. 24	130	1305
Syringes and atomizers.....	Mineralized Rubber Co.....	60,539	Feb. 12	126	2583
Syringes. Fountain.....	Rubber Products Company.....	64,430	Aug. 6	129	2495
Syrup.....	Towle Syrup Company.....	61,963	Apr. 9	127	2391
Syrup.....	Towle Syrup Company.....	61,964	Apr. 9	127	2391
Syrup.....	Welch Bros. Maple Co.....	62,275	Apr. 30	127	3636
Syrup.....	Crescent Manufacturing Co.....	63,545	June 25	128	3283
Syrup.....	St. Paul Syrup Refining Company.....	64,005	July 16	129	1264
Syrup.....	Mansfield, Witham & Co.....	66,801	Dec. 31	131	2411
Syrup and molasses.....	Waples-Platter Grocer Company.....	64,407	Aug. 6	129	2495
Syrup and molasses.....	Waples-Platter Grocer Company.....	64,408	Aug. 6	129	2495
Syrup and molasses.....	E. Feibleman Sons & Co.....	65,046	Sept. 3	130	295
Syrup and molasses.....	E. Feibleman Sons & Co.....	65,047	Sept. 3	130	295
Syrup and molasses.....	E. Feibleman Sons & Co.....	65,117	Sept. 10	130	649
Syrup and molasses. Maple.....	Towle Syrup Company.....	61,962	Apr. 9	127	2391
Syrup. Corn.....	O. W. Peirce Company.....	62,249	Apr. 30	127	3635
Syrup for beverages.....	Morgan-Lyons Vinegar Company.....	60,237	Jan. 29	126	1772
Syrup for carbonated water.....	F. M. McCluney.....	65,304	Sept. 17	130	973
Syrups.....	Beach and Clarridge Company.....	61,826	Apr. 9	127	2387
Syrups.....	Alabama-Georgia Syrup Company.....	63,089	June 4	128	2080
Syrups. Maple and table.....	Oliver-Finnie Co.....	64,794	Aug. 20	129	3156
Syrups, molasses, sorghum, and maple-syrup. Table.....	St. Louis Syrup & Preserving Company.....	61,862	Apr. 9	127	2388
Table-cloths, napkins, and doilies.....	Japanese Importing Company.....	63,048	June 4	128	2079
Table-covers, scarfs, centerpieces, and doilies. Lace and linen and lace.....	Bach Bros. & Katzenstein.....	59,427	Jan. 8	126	750
Tablets and cough remedies. Headache.....	Hawkeye Manufacturing Co.....	60,442	Feb. 5	126	2186
Tablets. Breath.....	Schandein & Lind.....	65,379	Sept. 24	130	1304
Tablets. Breath.....	Schandein & Lind.....	65,380	Sept. 24	130	1304
Tablets. Breath.....	Schandein & Lind.....	65,573	Oct. 8	130	1683

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Tablets. Breath-.....	Schandein & Lind.....	65,574	Oct. 8	130	1684
Tablets. Cathartic.....	Keystone Medical Company.....	64,288	July 30	129	2070
Tablets for obesity.....	E. Filkins.....	64,453	Aug. 6	129	2496
Tablets for purifying the breath.....	T. C. Delavan.....	63,265	June 11	128	2524
Tablets for the throat and voice. Sugar-coated.....	Coughlet Company.....	65,173	Sept. 10	130	651
Tablets or lozenges for dyspepsia.....	C. A. Siegemund.....	61,958	Apr. 9	127	2391
Tablets, pads, and paper. Writing.....	K. Kniep.....	65,653	Oct. 15	130	2062
Tablets. Writing and spelling.....	American News Company.....	64,124	July 23	129	1605
Tacks and staples.....	Buffalo Specialty Company.....	65,040	Sept. 3	130	295
Taffy or toffee.....	M. Hyman Confectionery & Catering Co.....	61,780	Apr. 2	127	1989
Talking and picture-displaying machines. Coin-operated.....	L. P. Valiquet.....	60,181	Jan. 29	126	1770
Talking-machine needles. Disk.....	Harger & Blish.....	65,122	Sept. 10	130	649
Talking-machine sound-records.....	Columbia Phonograph Company, General.....	64,914	Aug. 27	129	3497
Talking-machines.....	Geo. Borgfeldt & Co.....	62,349	Apr. 30	127	3638
Talking-machines and parts thereof.....	Cie. Gle. de Phonographes Cinématographes et App. de Précision.....	65,669	Oct. 15	130	2062
Talking-machines and parts thereof.....	Cie. Gle. de Phonographes Cinématographes et App. de Précision.....	65,670	Oct. 15	130	2062
Talking-machines and records therefor.....	Victor Talking Machine Company.....	63,299	June 11	128	2525
Talking-machines and talking-machine records.....	Victor Talking Machine Company.....	64,976	Sept. 3	130	293
Talking-machines, parts, and records.....	Victor Talking Machine Company.....	60,930	Feb. 26	126	3417
Talking-machines, records, and supplies.....	Columbia Phonograph Company.....	61,237	Mar. 12	127	841
Tanning. Chemical mixtures for.....	Vacuum Oil Company.....	62,629	May 14	128	882
Tanning extract.....	Stamford Manufacturing Company.....	63,666	July 2	129	474
Tapestry chenille, tapestry, and velour.....	Moss Rose Manufacturing Company.....	62,523	May 14	128	879
Tapestry goods. Certain.....	A. T. Abbott & Company.....	66,828	Dec. 31	131	2412
Tapioca and sago.....	Griggs, Cooper & Company.....	65,696	Oct. 15	130	2063
Tapioca and split peas.....	Siegel Cooper & Co.....	63,864	July 9	129	866
Tapioca. Prepared.....	Whitman Grocery Company.....	61,229	Mar. 12	127	841
Tar. Certain preparations of.....	F. Schacht.....	66,028	Nov. 5	131	355
Tarry coating for roads, &c.....	Barrett Manufacturing Company.....	59,151	Jan. 1	126	380
Tea.....	R. W. Weir & Company.....	59,864	Jan. 22	126	1348
Tea.....	R. W. Weir & Company.....	59,865	Jan. 22	126	1348
Tea.....	Levering Coffee Co.....	60,105	Jan. 29	126	1768
Tea.....	R. W. Weir & Company.....	60,119	Jan. 29	126	1768
Tea.....	R. W. Weir & Company.....	60,299	Feb. 5	126	2182
Tea.....	Crescent Manufacturing Co.....	60,451	Feb. 12	126	2581
Tea.....	M. & J. B. Kellam Co.....	60,483	Feb. 12	126	2582
Tea.....	M. & J. B. Kellam Co.....	60,484	Feb. 12	126	2582
Tea.....	Chase & Sanborn.....	61,050	Mar. 5	127	385
Tea.....	Schwabacher Bros. & Co.....	61,398	Mar. 19	127	1248
Tea.....	Hills Bros.....	62,885	May 28	128	1684
Tea.....	Corbin, Sons & Co.....	63,700	July 2	129	475
Tea.....	Jones-Paddock Co.....	63,854	July 9	129	866
Tea.....	Grace Brothers & Co.....	64,259	July 30	129	2069
Tea.....	A. Ethridge & Co.....	64,283	July 30	129	2070
Tea.....	German-American Coffee Co.....	64,284	July 30	129	2070
Tea.....	Mazawattee Tea Company.....	64,289	July 30	129	2070
Tea.....	W. N. Banks.....	65,255	Sept. 17	130	971
Tea.....	Menown & Gregory.....	65,537	Oct. 8	130	1682
Tea.....	Swain, Earle & Co.....	65,708	Oct. 15	130	2063
Tea and coffee.....	C. E. Moody & Co.....	62,270	Apr. 30	127	3635
Tea and coffee.....	Abraham & Straus.....	62,673	May 21	128	1286
Tea and coffee.....	Charles Hewitt & Sons Co.....	65,821	Oct. 22	130	2368
Tea and coffee.....	Ginter Grocery Co.....	65,826	Oct. 22	130	2368
Tea and coffee substitutes. Cereal.....	J. H. Shetter.....	59,278	Jan. 1	126	384
Tea. Japan.....	Smith Thorndike & Brown Co.....	60,264	Feb. 5	126	2181
Tea. Regulating.....	D. Kantor.....	62,221	Apr. 23	127	3211
Teas.....	Griggs, Cooper & Company.....	59,102	Jan. 1	126	379
Teas.....	Griggs, Cooper & Company.....	59,195	Jan. 1	126	382
Teas.....	McCormick & Co.....	59,755	Jan. 15	126	1059
Teas.....	E. B. Millar & Company.....	60,677	Feb. 19	126	3034
Teas.....	W. H. Montanye & Co.....	60,879	Feb. 26	126	3415
Teas.....	Burton & Davis Co.....	61,594	Mar. 26	127	1574
Teas.....	Allen Brothers Company.....	63,573	June 25	128	3284
Teas.....	Allen Brothers Company.....	63,574	June 25	128	3284
Teas.....	Allen Brothers Company.....	63,846	July 9	129	865
Teas.....	J. B. Brown & Co.....	65,902	Oct. 29	130	2714
Teas.....	J. B. Brown & Co.....	65,903	Oct. 29	130	2714
Teas.....	V. Sanford.....	66,185	Nov. 12	131	687
Teas.....	J. M. Montgomery.....	66,412	Nov. 26	131	1156
Teas and coffees.....	Upham Bro's.....	65,132	Sept. 10	130	650
Teas and coffees.....	McGee Mercantile Co.....	65,508	Oct. 8	130	1682
Teas and coffees.....	J. B. Brown & Co.....	65,901	Oct. 29	130	2714
Teas and coffees.....	Upham Bro's.....	66,062	Nov. 5	131	356
Teas and coffees.....	Drake & Company.....	66,287	Nov. 19	131	937
Teas. Blended.....	New Orleans Import Co.....	60,111	Jan. 29	126	1768
Teeth.....	G. Gordon Martin, Incorporated.....	65,118	Sept. 10	130	649
Teeth. Amalgam for filling.....	J. B. Z. Roberts.....	65,570	Oct. 8	130	1683
Teeth. Cement for filling.....	Harvard Dental Manufacturing Company.....	59,443	Jan. 8	126	750
Teeth. Plugs for filling the.....	E. F. Andrews.....	61,319	Mar. 12	127	843
Telephones.....	Wire & Telephone Co. of America.....	62,548	May 14	128	880
Temperature reading and recording. Measuring-machines for remote.....	W. A. Baker.....	65,315	Sept. 17	130	973
Textiles. Certain.....	China and Japan Trading Company.....	60,011	Jan. 22	126	1352
Textiles. Certain.....	F. Butterfield & Co.....	62,713	May 21	128	1287

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Textiles. Certain	Merrimack Manufacturing Company.	63,282	June 11	128	2525
Textiles. Certain	China & Japan Trading Company.	63,488	June 25	128	3281
Textiles. Certain	Massachusetts Cotton Mills	63,505	June 25	128	3282
Textiles. Certain	China & Japan Trading Company.	63,696	July 2	129	475
Textiles. Certain	China & Japan Trading Company.	63,697	July 2	129	475
Textiles. Certain	Hargadine - McKittrick Dry Goods Company.	64,309	July 30	129	2071
Textiles. Certain	Atuyer, Bianchini, Frier & Cie...	65,267	Sept. 17	130	972
Textiles. Certain	R. Müller.	65,701	Oct. 15	130	2063
Textiles. Certain	China & Japan Trading Company	66,819	Dec. 31	131	2412
Textiles. Certain	China & Japan Trading Company	66,820	Dec. 31	131	2412
Textiles. Certain	China & Japan Trading Company	66,821	Dec. 31	131	2412
Textiles. Certain	China & Japan Trading Company	66,822	Dec. 31	131	2412
Textiles. Certain	China & Japan Trading Company	66,823	Dec. 31	131	2412
Textiles. Certain cotton	China & Japan Trading Company.	63,519	June 25	128	3282
Thermometers, barometers, mercury-gages, &c.	E. L. Waldo.	66,853	Dec. 31	131	2413
Thimbles	Hohmann & Maurer Mfg. Co.	61,159	Mar. 5	127	388
Thinners or solvents	Stern Brothers & Company.	61,613	Mar. 26	127	1575
Textiles. Certain	Lilly Varnish Company.	61,634	Apr. 2	127	1985
Thread, and spool and sewing cotton	American Thread Company.	59,371	Jan. 8	126	749
Thread, and spool and sewing cotton	American Thread Company.	59,372	Jan. 8	126	749
Thread and spool and sewing cotton	American Thread Company.	62,387	May 7	128	449
Thread and spool and sewing cotton	American Thread Company.	62,388	May 7	128	449
Thread and spool and sewing cotton	American Thread Company.	62,948	June 4	128	2077
Thread and spool and sewing cotton	American Thread Company.	62,949	June 4	128	2077
Thread and spool and sewing cotton	American Thread Company.	62,950	June 4	128	2077
Thread and spool and sewing cotton	American Thread Company.	63,137	June 11	128	2521
Thread and spool and sewing cotton	American Thread Company.	63,138	June 11	128	2521
Thread and spool and sewing cotton	American Thread Company.	63,139	June 11	128	2521
Thread and spool and sewing cotton	American Thread Company.	63,206	June 11	128	2522
Thread and spool and sewing cotton	American Thread Company.	63,207	June 11	128	2522
Thread and spool and sewing cotton	American Thread Company.	63,208	June 11	128	2523
Thread and spool and sewing cotton	American Thread Company.	63,209	June 11	128	2523
Thread and spool and sewing cotton	American Thread Company.	63,210	June 11	128	2523
Thread and spool and sewing cotton	American Thread Company.	63,211	June 11	128	2523
Thread and spool and sewing cotton	American Thread Company.	63,355	June 18	128	2829
Thread and spool-cotton	American Thread Company.	59,654	Jan. 15	126	1056
Thread and spool-cotton	American Thread Company.	59,655	Jan. 15	126	1056
Thread and spool-cotton	American Thread Company.	59,686	Jan. 15	126	1057
Thread and spool-cotton	American Thread Company.	59,847	Jan. 22	126	1347
Thread and spool-cotton	American Thread Company.	59,867	Jan. 22	126	1348
Thread and spool-cotton	American Thread Company.	62,385	May 7	128	449
Thread and spool-cotton	American Thread Company.	62,386	May 7	128	449
Thread and spool-cotton	American Thread Company.	62,568	May 14	128	880
Thread and spool-cotton	American Thread Company.	62,569	May 14	128	881
Thread and yarns	Chicago Thread Mfg. Co.	61,108	Mar. 5	127	387
Thread. Certain	Oneida Community Limited.	62,250	Apr. 30	127	3635
Thread. Cotton	New England Cotton Yarn Co.	59,892	Jan. 22	126	1349
Thread. Cotton	New England Cotton Yarn Co.	59,893	Jan. 22	126	1349
Thread. Cotton	New England Cotton Yarn Co.	59,894	Jan. 22	126	1349
Thread. Cotton	New England Cotton Yarn Co.	59,908	Jan. 22	126	1349
Thread. Cotton	New England Cotton Yarn Co.	59,909	Jan. 22	126	1349
Thread. Cotton	Clark Thread Co.	62,022	Apr. 16	127	2810
Thread. Cotton	New England Cotton Yarn Co.	62,120	Apr. 16	127	2813
Thread. Cotton	Clark Thread Co.	63,639	July 2	129	474
Thread. Cotton	New England Cotton Yarn Co.	64,393	Aug. 6	129	2494
Thread. Cotton	New England Cotton Yarn Co.	64,394	Aug. 6	129	2494
Thread. Cotton	New England Cotton Yarn Co.	64,395	Aug. 6	129	2495
Thread. Cotton	New England Cotton Yarn Co.	64,396	Aug. 6	129	2495
Thread. Cotton	New England Cotton Yarn Co.	64,397	Aug. 6	129	2495
Thread-cutting dies	Connecticut Tool Company.	66,324	Nov. 19	131	938
Thread for machine-sewing and lace-making	A. J. Kahn.	66,784	Dec. 31	131	2411
Thread. Mercerized cotton	H. Chodorov.	59,305	Jan. 8	126	747
Thread or crochet-cotton. Cotton	Clark Thread Co.	62,023	Apr. 16	127	2810
Thread or sewing-cotton. Cotton	Clark Thread Co.	61,841	Apr. 9	127	2388
Thread or spool-cotton. Sewing	Blodgett & Orswell Co.	66,019	Nov. 5	131	354
Thread or spool-cotton. Sewing	Blodgett & Orswell Co.	66,382	Nov. 26	131	1156
Thread or spool-cotton. Sewing	Blodgett & Orswell Co.	66,383	Nov. 26	131	1156
Thread or spool-cotton. Sewing	Blodgett & Orswell Co.	66,404	Nov. 26	131	1156
Thread or spool-cotton. Sewing	Blodgett & Orswell Co.	66,465	Dec. 3	131	1417
Thread, spool and sewing cotton	American Thread Company.	59,687	Jan. 15	126	1057
Thread, spool and sewing cotton	American Thread Company.	59,688	Jan. 15	126	1057
Thread, spool and sewing cotton	American Thread Company.	59,689	Jan. 15	126	1057
Thread, spool and sewing cotton	American Thread Company.	59,690	Jan. 15	126	1057
Thread, spool and sewing cotton	American Thread Company.	59,691	Jan. 15	126	1057
Thread, spool and sewing cotton	American Thread Company.	59,846	Jan. 22	126	1347
Thread, spool and sewing cotton	American Thread Company.	59,866	Jan. 22	126	1348
Thread, spool and sewing cotton	American Thread Company.	60,301	Feb. 5	126	2182
Thread, spool and sewing cotton	American Thread Company.	64,818	Aug. 27	129	3495
Thread, spool and sewing cotton	American Thread Company.	64,819	Aug. 27	129	3495
Thread, spool and sewing cotton	American Thread Company.	64,820	Aug. 27	129	3495
Thread, spool and sewing cotton	American Thread Company.	64,821	Aug. 27	129	3495
Thread, spool and sewing cotton	American Thread Company.	64,822	Aug. 27	129	3495
Thread, spool and sewing cotton	American Thread Company.	64,823	Aug. 27	129	3495
Thread, spool and sewing cotton	American Thread Company.	64,824	Aug. 27	129	3495
Thread, spool and sewing cotton	American Thread Company.	64,825	Aug. 27	129	3495
Thread, spool and sewing cotton	American Thread Company.	64,826	Aug. 27	129	3495
Thread, spool and sewing cotton	American Thread Company.	64,834	Aug. 27	129	3495
Thread, spool and sewing cotton	American Thread Company.	64,977	Sept. 3	130	293
Thread, spool, and sewing cotton	American Thread Company.	66,260	Nov. 19	131	936
Thread, spool and sewing cotton	American Thread Company.	66,401	Nov. 26	131	1156
Thread, spool-cotton, and sewing-silk	American Thread Company.	63,630	July 2	129	473
Thread, spool-cotton, and sewing-silk	American Thread Company.	63,631	July 2	129	473
Thread, spool-cotton, and sewing-silk	American Thread Company.	63,632	July 2	129	473
Thread, spool-cotton, and sewing-silk	American Thread Company.	63,633	July 2	129	473

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Thread, spool-cotton, and sewing-silk	American Thread Company	63,636	July 2	129	474
Thread, spool-cotton, and sewing-silk	American Thread Company	63,637	July 2	129	474
Thread, spool-cotton, and sewing-silk	American Thread Company	64,186	July 30	129	2067
Thread, spool-cotton, and sewing-silk	American Thread Company	64,209	July 30	129	2068
Thread, spool-cotton, and sewing-silk	American Thread Company	64,210	July 30	129	2068
Thread, spool-cotton, and sewing-silk	American Thread Company	64,211	July 30	129	2068
Thread, spool-cotton, and sewing-silk	American Thread Company	64,212	July 30	129	2068
Thread, spool-cotton, and sewing-silk	American Thread Company	64,213	July 30	129	2068
Thread, spool-cotton, and sewing-silk	American Thread Company	64,214	July 30	129	2068
Thread, spool-cotton, and sewing-silk	American Thread Company	64,827	Aug. 27	129	3495
Thread, spool-cotton, and sewing-silk	American Thread Company	64,830	Aug. 27	129	3495
Thread, spool-cotton, and sewing-silk	American Thread Company	64,831	Aug. 27	129	3495
Thread, spool-cotton, and sewing-silk	American Thread Company	64,832	Aug. 27	129	3495
Thread, spool-cotton, and sewing-silk	American Thread Company	64,833	Aug. 27	129	3495
Threads and yarn. Linen, cotton, and silk	H. Fawcett	60,098	Jan. 29	126	1768
Threshing and grain-separating machinery	Avery Manufacturing Company	64,026	July 23	129	1603
Threshing and grain-separating machines	Avery Manufacturing Company	64,159	July 30	129	2067
Ties. Ladies' string	W. Trevor	62,525	May 14	128	879
Ties. Metal animal	Oneida Community	66,338	Nov. 19	131	938
Tiles. Floor	W. H. Watts & Company	62,098	Apr. 16	127	2812
Time-recorders, clocks, and watches	Newman Clock Co.	61,308	Mar. 12	127	843
Tin and terne plate	N. & G. Taylor Co.	59,054	Jan. 1	126	378
Tin and terne plate	N. & G. Taylor Co.	60,090	Jan. 29	126	1768
Tin and terne plate	N. & G. Taylor Co.	60,736	Feb. 19	126	3035
Tin and terne plates	Follansbee Brothers Company	60,957	Feb. 26	126	3417
Tin plates	Baldwins Limited	66,066	Nov. 5	131	356
Tin, terne, leaded and black sheets	Baldwins Limited	66,065	Nov. 5	131	356
Tires and inner tubes. Rubber	Pacific Coast Rubber Co.	66,006	Nov. 5	131	354
Tires. Certain pneumatic	B. F. Goodrich Company	65,422	Sept. 24	130	1305
Tires. Elastic vehicle	Goodyear Tire and Rubber Company	64,242	July 30	129	2069
Tires for automobiles. Rubber	H. M. & S. Armored Tire Co.	61,239	Mar. 12	127	841
Tires. Pneumatic	Fisk Rubber Co.	65,227	Sept. 10	130	652
Tires. Pneumatic bicycle	Fisk Rubber Co.	62,574	May 14	128	881
Tires. Pneumatic cushion and solid rubber	Diamond Rubber Co.	62,745	May 21	128	1288
Tires. Rubber	Goodyear Tire and Rubber Company	62,266	Apr. 30	127	3635
Tires. Rubber	Hartford Rubber Works Company	63,495	June 25	128	3281
Tires. Rubber	Hartford Rubber Works Company	66,622	Dec. 17	131	1936
Tires. Rubber	Hartford Rubber Works Company	66,623	Dec. 17	131	1936
Tires. Rubber	Hartford Rubber Works Company	66,624	Dec. 17	131	1936
Tires. Rubber	Hartford Rubber Works Company	66,625	Dec. 17	131	1936
Tires. Rubber	Hartford Rubber Works Company	66,626	Dec. 17	131	1936
Tires. Rubber	Hartford Rubber Works Company	66,640	Dec. 17	131	1936
Tires. Rubber	Hartford Rubber Works Company	66,641	Dec. 17	131	1936
Tires. Rubber	Hartford Rubber Works Company	66,642	Dec. 17	131	1936
Tires. Rubber	Hartford Rubber Works Company	66,643	Dec. 17	131	1936
Tires. Rubber	Hartford Rubber Works Company	66,644	Dec. 17	131	1936
Tires. Rubber vehicle	Shawmut Tire Company	64,839	Aug. 27	129	3495
Tires. Solution for repairing	J. B. Sans	61,654	Apr. 2	127	1985
Tobacco and cigarettes. Smoking	C. A. Carlin, Ltd.	65,113	Sept. 10	130	649
Tobacco. Chewing	A. Schroer Tobacco Co.	59,239	Jan. 1	126	383
Tobacco. Chewing and smoking	D. Dunlop	64,847	Aug. 27	129	3496
Tobacco. Chewing and smoking	American Tobacco Company	65,544	Oct. 8	130	1683
Tobacco. Chewing and smoking	American Tobacco Company	65,545	Oct. 8	130	1683
Tobacco. Chewing and smoking	American Tobacco Company	65,546	Oct. 8	130	1683
Tobacco. Chewing and smoking	American Tobacco Company	65,663	Oct. 15	130	2062
Tobacco. Chewing and smoking	P. Lorillard Company	65,759	Oct. 22	130	2366
Tobacco. cigars, and cigarettes	Maison Pierre Bardou-Job	63,177	June 11	128	2522
Tobacco cigars, and cigarettes. Smoking	G. H. G. Wing	60,761	Feb. 19	126	3036
Tobacco, cigars, cigarettes, and snuff. Smoking	De Erven De Wed. J. Van Nelle	61,497	Mar. 26	127	1572
Tobacco, cigars, cigarettes, and snuff. Smoking	De E. De W. J. Van Nelle	65,877	Oct. 29	130	2713
Tobacco-flavoring extracts	F. P. Dengler	59,099	Jan. 1	126	379
Tobacco. Plug	R. Harris & Bro.	64,337	Aug. 6	129	2493
Tobacco. Scrap, chewing, and smoking	A. Schroer	61,313	Mar. 12	127	843
Tobacco. Smoking	D. L. Jacoway	61,336	Mar. 19	127	1247
Tobacco. Smoking	H. Rippen	61,342	Mar. 19	127	1247
Tobacco. Smoking	J. G. Saffa	62,014	Apr. 16	127	2810
Tobacco. Smoking	J. F. Zahm Tobacco Co.	62,402	May 7	128	449
Tobacco. Smoking	J. N. Wyllie & Co.	63,159	June 11	128	2521
Tobacco. Smoking	Plantation Tobacco Company	63,942	July 16	129	1262
Tobacco. Smoking	Falk Tobacco Co.	64,700	Aug. 20	129	3154
Tobacco. Smoking	Falk Tobacco Company	65,115	Sept. 10	130	649
Tobacco. Smoking	Falk Tobacco Company	65,116	Sept. 10	130	649
Tobacco. Smoking	American Tobacco Company	65,749	Oct. 22	130	2366
Tobacco. Smoking	H. Rippen	66,473	Dec. 3	131	1417
Tobacco. Smoking and chewing	Penn Tobacco Co.	59,414	Jan. 8	126	750
Tobacco. Smoking and chewing	R. Harris & Bro.	60,305	Feb. 5	126	2182
Tobacco. Smoking and chewing	J. F. Zahm Tobacco Company	60,901	Feb. 26	126	3416
Tobacco. Smoking and chewing	R. Harris & Bro.	62,399	May 7	128	449
Tobacco. Smoking and chewing	Penn Tobacco Co.	64,860	Aug. 27	129	3496
Tobacco. Smoking and chewing	Axton-Fisher Tobacco Company	64,978	Sept. 3	130	293
Tobacco. Smoking and chewing	J. F. Zahm Tobacco Co.	64,982	Sept. 3	130	293

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Tobacco. Smoking and chewing.....	Warfield, Pratt Howell Company.	65,517	Oct. 8	130	1682
Tobacco. Smoking and chewing.....	Penn Tobacco Co.....	66,143	Nov. 12	131	686
Tobacco substitute.....	T. Hetherington.....	65,299	Sept. 17	130	972
Tobacco. Twist.....	Axton Fisher Tobacco Company.	64,271	July 30	129	2070
Tobies or stogies.....	W. A. Springer.....	59,089	Jan. 1	126	379
Toffee.....	Mackintosh's Toffee Company...	62,117	Apr. 16	127	2813
Toilet and medicinal preparations. Certain	J. Pfeiffer.....	60,847	Feb. 19	126	3038
Toilet and medicinal preparations. Certain	Sherer-Gillet Company.....	60,849	Feb. 19	126	3038
Toilet articles. Certain named.....	William Prym G. M. B. II.....	61,317	Mar. 12	127	843
Toilet preparation.....	H. U. Maxwell.....	65,303	Sept. 17	130	973
Toilet preparation. Certain.....	Samurai Company.....	66,849	Dec. 31	131	2412
Toilet preparation for the skin.....	Terre Haute Extract & Chemical Co.	63,788	July 9	129	864
Toilet preparations. Certain.....	Pompeian Mfg. Co.....	59,202	Jan. 1	126	382
Toilet preparations. Certain.....	E. W. Dwight.....	60,427	Feb. 5	126	2185
Toilet preparations. Certain.....	J. M. Layat.....	60,633	Feb. 12	126	2586
Toilet preparations. Certain.....	Madame Isebell's Toilet Mfg. Co.	61,033	Feb. 26	126	3419
Toilet preparations. Certain.....	F. Harnisch.....	62,205	Apr. 23	127	3211
Toilet preparations. Certain.....	V. F. Merle.....	62,435	May 7	128	450
Toilet preparations. Certain.....	Frederick Stearns & Co.....	62,616	May 14	128	882
Toilet preparations. Certain.....	M. C. Whelan.....	66,211	Nov. 12	131	688
Toilet preparations. Certain named.....	Pompeian Mfg. Co.....	61,200	Mar. 5	127	389
Tonic.....	G. Weil.....	60,208	Jan. 29	126	1771
Tonic.....	Ferenzyme Capsule Company.....	60,597	Feb. 12	126	2585
Tonic.....	Rheinstrom, Bettman, Johnson & Co.	61,789	Apr. 2	127	1989
Tonic.....	Van Vleet-Mansfield Drug Co.....	61,934	Apr. 9	127	2390
Tonic.....	H. Law, H. E. Law.....	66,749	Dec. 24	131	2141
Tonic. Ague.....	W. M. Akin & Son.....	64,122	July 23	129	1605
Tonic and reconstructive.....	Ferromannin Chemical Co.....	59,291	Jan. 1	126	384
Tonic beverage.....	S. Greenspon.....	60,553	Feb. 12	126	2583
Tonic beverage and syrup therefor.....	R. M. Rose Co.....	65,305	Sept. 17	130	973
Tonic beverage. Celery.....	Schoneberger & Noble.....	64,229	July 30	129	2069
Tonic beverage. Non-alcoholic.....	C. L. Norton.....	60,911	Feb. 26	126	3416
Tonic beverages.....	R. L. Duffy.....	65,982	Nov. 5	131	353
Tonic beverages and syrup made therefrom. Non-alcoholic.	M. L. Eppstein.....	59,378	Jan. 8	126	749
Tonic beverages. Carbonated.....	N. Lodor.....	59,888	Jan. 22	126	1349
Tonic beverages. Non-alcoholic.....	Most Company.....	59,789	Jan. 15	126	1060
Tonic. Blood.....	E. F. Fahey.....	61,184	Mar. 5	127	389
Tonic. Blood and nerve.....	Le Compte & Gayle Company.....	64,681	Aug. 20	129	3153
Tonic. Chill.....	G. B. Martin.....	59,754	Jan. 15	126	1059
Tonic. Chill.....	Dowell, Wood & Cooper.....	64,278	July 30	129	2070
Tonic compound of roots, herbs, and barks.....	L. V. Bell.....	60,185	Jan. 29	126	1770
Tonic for the digestive tract.....	H. J. Fritz.....	60,441	Feb. 5	126	2186
Tonic for treatment of rheumatism and diseases of the stomach.	W. P. Strader.....	64,464	Aug. 6	129	2496
Tonic, laxative, and digestive preparations.....	F. L. Childs.....	66,354	Nov. 26	131	1155
Tonic, laxative, and digestive preparations.....	F. L. Childs.....	66,355	Nov. 26	131	1155
Tonic. Lung.....	W. T. Owbridge Ltd.....	66,650	Dec. 17	131	1937
Tonic. Malt.....	Wacker & Birk Br'g & M'tg Co.	63,762	July 9	129	863
Tonic. Malt.....	August Schell Brewing Company.	65,160	Sept. 10	130	650
Tonic. Malt-liquor.....	C. A. Lammers Bottling Co.....	59,836	Jan. 22	126	1347
Tonic malt liquor.....	Houston Ice & Brewing Co.....	66,665	Dec. 17	131	1937
Tonic. Muscular and nerve.....	Sharp & Dohme.....	66,851	Dec. 31	131	2413
Tonic. Nerve.....	B. E. Thomas.....	65,642	Oct. 15	130	2061
Tonic. Nerve.....	H. L. Waldo.....	66,314	Nov. 19	131	937
Tonic. Reconstructive.....	Davis Chemical Company.....	63,224	June 11	128	2523
Tonic. Restorative and nutritive.....	J. M. Liebermann.....	61,735	Apr. 2	127	1988
Tonic. Uterine.....	F. A. Luyties.....	60,035	Jan. 22	126	1352
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Tonics.....	J. C. de St. Hubert.....	64,670	Aug. 20	129	3153
Tonics. Alterative and reconstructive.....	Southern Pharmacal & Chemical Co.	60,203	Jan. 29	126	1771
Tonics and remedies for dyspepsia, &c.....	R. Preissler.....	59,273	Jan. 1	126	384
Tonics, blood, heart, and nerve medicines.....	Dr. Miles Medical Co.....	60,409	Feb. 5	126	2185
Tonics for rheumatism.....	Lichterman & Judd.....	66,842	Dec. 31	131	2412
Tonics for the scalp.....	Independent Drug Company.....	64,462	Aug. 6	129	2496
Tonics. Nerve.....	Peal Medicine Company.....	61,198	Mar. 5	127	389
Tonics. Uterine.....	Rio Chemical Co.....	63,011	June 4	128	2078
Tool and implement handles. Wooden.....	Neuss, Hesslein & Co.....	61,569	Mar. 26	127	1573
Tool handles. Ratchet-hand.....	North Bro's M'fg Co.....	60,333	Feb. 5	126	2183
Tool-handles. Wooden.....	S. A. Bigelow, trustee.....	63,850	July 9	129	866
Tools. Certain hand.....	Gray & Dudley Hardware Co.....	59,980	Jan. 22	126	1357
Tools. Certain hand.....	Gray & Dudley Hardware Co.....	59,994	Jan. 22	126	1351
Tools. Certain hand.....	S. C. Morrill.....	60,722	Feb. 19	126	3035
Tools. Certain hand.....	Collins Company.....	62,290	Apr. 30	127	3636
Tools. Certain hand.....	Collins Company.....	62,291	Apr. 30	127	3636
Tools. Certain hand.....	Société Anonyme Des Anciens Etablissements Panhard & Levassor.	62,317	Apr. 30	127	3637
Tools. Certain hand.....	William Hunt & Sons, The Brades.	62,586	May 14	128	881
Tools. Certain hand.....	Keystone Mfg. Co.....	63,021	June 4	128	2079
Tools. Certain hand.....	Keystone Mfg. Co.....	63,022	June 4	128	2079
Tools. Certain hand.....	Simmons Hardware Company.....	63,969	July 16	129	1263
Tools. Certain hand.....	A. W. Wills & Son.....	64,181	July 30	129	2067
Tools. Certain hand.....	A. W. Wills & Son.....	64,626	Aug. 13	129	2854
Tools. Certain hand.....	S. C. Morrill.....	65,278	Sept. 17	130	972
Tools. Certain hand.....	Abner Doble Company.....	65,603	Oct. 8	130	1684
Tools. Certain hand.....	Abner Doble Company.....	65,712	Oct. 22	130	2365
Tools. Certain hand.....	Abner Doble Company.....	65,713	Oct. 22	130	2365
Tools. Certain hand.....	Abner Doble Company.....	65,714	Oct. 22	130	2365
Tools. Certain named.....	Hanchett Swage Works.....	59,352	Jan. 8	126	748
Tools. Certain named.....	Verona Tool Works.....	59,507	Jan. 8	126	752
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Tooth-paste	W. B. Flynn	61,251	Mar. 12	127	842
Tooth paste and powder	P. Beiersdorf & Co.	61,678	Apr. 2	127	1986
Tooth paste, powder, and wash	O'Brien Worthen Co.	60,171	Jan. 29	126	1770
Torches. Gasolene-	Zeidler Lamp & Brass Co.	63,824	July 9	129	865
Toy bears	B. Goldenberg	60,149	Jan. 29	126	1769
Toy building-blocks	F. A. Richter	64,532	Aug. 13	129	2852
Toy clothing. Certain	B. Goldenberg	64,442	Aug. 6	129	2496
Toy figures	C. Sackman	61,716	Apr. 2	127	1988
Toy-holding belts, hoops, or girdles	M. D. Coates, 2nd.	61,746	Apr. 2	126	1769
Toy railways	Ives Manufacturing Corporation	65,676	Oct. 15	130	2062
Toys. Paper	M. A. Glen	61,481	Mar. 26	127	1571
Toys. Sheet-metal and mechanical	E. P. Lehmann	60,925	Feb. 26	126	3417
Tracing-cloth	Winterbottom Book Cloth Company	63,767	July 9	129	863
Tracing-cloth	Winterbottom Book Cloth Company	63,768	July 9	129	863
Tracing-cloth	Winterbottom Book Cloth Company	63,789	July 9	129	864
Tracing-cloth	Winterbottom Book Cloth Company	63,790	July 9	129	864
Tracing-cloth	Winterbottom Book Cloth Company	63,901	July 16	129	1261
Tracing-cloth	E. G. Soltmann	65,186	Sept. 10	130	651
Tracing-cloth	E. G. Soltmann	65,187	Sept. 10	130	651
Tracing-cloth	E. G. Soltmann	65,188	Sept. 10	130	651
Tracing-cloth	E. G. Soltmann	65,189	Sept. 10	130	651
Tracing-cloth	E. G. Soltmann	65,190	Sept. 10	130	651
Tracing-cloth	E. G. Soltmann	65,689	Oct. 15	130	2063
Tracing cloths and linens	American Tracing Cloth Company	59,460	Jan. 8	126	751
Traps. Animal-	Oneida Community	61,173	Mar. 5	127	388
Traps. Animal-	Oneida Community	65,497	Oct. 8	130	1681
Traps. Animal-	Oneida Community	65,498	Oct. 8	130	1681
Traps. Animal-	Oneida Community	65,538	Oct. 8	130	1683
Traps. Mouse and rat	Enterprise Novelty & M. F. G. Co.	63,391	June 18	128	2830
Trees, buds, and scions thereof	Oregon Nursery Company	60,993	Feb. 5	126	2185
Trousers	L. Golden	60,934	Feb. 26	126	3417
Trousers	Potsdam Clothing Manufacturing Company	61,082	Mar. 5	127	386
Trousers, coats, vests, and overcoats	Arnold, Louchheim & Co.	61,230	Mar. 12	127	841
Trousers, vests, coats, and overcoats	Graves & Meade Co.	66,620	Dec. 17	131	1936
Trowels	William Hunt & Sons, The Brades	61,344	Mar. 19	127	1247
Trucks and wagons. Motor	R. Thayer	65,252	Sept. 17	130	971
Trunks	Hartmann Trunk Company	61,419	Mar. 19	127	1249
Trunks. Leather	Siegel Cooper Company	66,378	Nov. 26	131	1155
Trunks made in part of wood	C. A. Taylor Trunk Works	59,599	Jan. 15	126	1055
Trunks made in part of wood	C. A. Taylor Trunk Works	59,600	Jan. 15	126	1055
Trunks. Wooden	Belber Trunk & Bag Co.	63,515	June 25	128	3282
Tubes. Collapsible	P. Beiersdorf & Co.	66,829	Dec. 31	131	2412
Tulle	T. Tiedemann & Son	59,456	Jan. 8	126	751
Turbine rotors and shafting and twyers	Continental Iron Works	62,530	May 14	128	879
Turpentine	Braslian Turpentine Company	60,644	Feb. 19	126	3033
Turpentine substitute	Bliven & Carrington	59,720	Jan. 15	126	1058
Turpentine substitute	Turpentine Junior Company	60,145	Jan. 29	126	1769
Turpentine substitute	Southern Substitute Turpentine Company	66,773	Dec. 24	131	2141
Twine	Morley Twine and Mchy. Co.	60,683	Feb. 19	126	3034
Twine. Cotton	J. E. Reynolds	61,848	Apr. 9	127	2388
Type	Barnhart Brothers & Spindler	61,505	Mar. 26	127	1572
Type-bars. Machine for producing	Mergenthaler Linotype Co.	63,879	July 9	129	866
Type-writer papers and ribbons	Miller-Bryant Pierce Company	64,500	Aug. 13	129	2851
Type-writer ribbons	H. M. Storms Co.	63,046	June 4	128	2079
Type-writer ribbons and carbon-paper	Monarch Typewriter Company	59,490	Jan. 8	126	752
Type-writer ribbons and carbon-paper	Monarch Typewriter Company	60,168	Jan. 29	126	1770
Type-writer ribbons and carbon-paper	Carter's Ink Company	63,186	June 11	128	2522
Type-writer ribbons and carbon-paper	American Ribbon & Carbon Co.	64,330	Aug. 6	129	2493
Type-writer ribbons and carbon-papers	H. M. Storms Co.	62,879	May 28	128	1683
Type-writer ribbons and type-writer carbon-paper	Monarch Typewriter Company	66,084	Nov. 5	131	356
Type-writer ribbons. Cloth for	H. Hilker	62,537	May 14	128	880
Type-writing machines	Royal Typewriter Co.	61,674	Apr. 2	127	1986
Type-writing machines	Monarch Typewriter Company	64,039	July 23	129	1603
Type-writing machines	Williams Typewriter Company	65,221	Sept. 10	130	652
Type-writing machines	Fabrik Stolzenberg Deutsche Bureau-Einrichtungs-Gesellschaft mit beschränkter Haftung	66,072	Nov. 5	131	356
Umbrella-cover fabrics	R. Müller	63,368	June 18	128	2830
Umbrellas	P. F. W. Greef	62,725	May 21	128	1287
Umbrellas	Lawton & Hall	60,938	Feb. 26	126	3417
Umbrellas	Siegel Cooper Company	66,479	Dec. 3	131	1417
Umbrellas and walking-sticks	C. B. Allison	65,385	Sept. 24	130	1304
Underclothing. Certain	William Carter Co.	65,969	Nov. 5	131	353
Undergarments. Combination-	Birkenfeld Strauss and Co.	65,900	Oct. 29	130	2714
Undershirts and drawers. Woven	Earl & Wilson	60,017	Jan. 22	126	1352
Underskirts made of textile material	Majestic Skirt Company	65,362	Sept. 24	130	1303
Underskirts. Silk and muslin	A. M. Schneider	66,527	Dec. 10	131	1682
Unguent or salve	Frederick Laboratory	66,365	Nov. 26	131	1155
Uric-acid solvent	Solurol (Thymic Acid) Company	59,798	Jan. 15	126	1060
Valves	William Powell Co.	60,146	Jan. 29	126	1769
Valves	Ajax Valve Company	65,060	Sept. 3	130	295
Valves	Ohio Brass Company	65,218	Sept. 10	130	652
Valves	Ashton Valve Company	65,468	Oct. 8	130	1681
Valves	Homestead Valve Manufacturing Company	66,824	Dec. 31	131	2412

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Valves and cocks.....	H. Mueller Manufacturing Com- pany.	64,610	Aug. 13	129	2854
Valves and cocks.....	H. Mueller Manufacturing Com- pany.	64,611	Aug. 13	129	2854
Valves and cocks.....	Kelly & Jones Company.....	64,711	Aug. 20	129	3154
Valves and cocks.....	Kelly & Jones Company.....	64,733	Aug. 20	129	3155
Valves and cocks.....	Kelly & Jones Company.....	64,736	Aug. 20	129	3155
Valves and cocks.....	Kelly & Jones Company.....	64,737	Aug. 20	129	3155
Valves and cocks and parts thereof.....	H. Mueller Manufacturing Com- pany.	62,076	Apr. 16	127	2812
Valves, bath and basin cocks, and parts of same.....	H. Mueller Manufacturing Com- pany.	60,378	Feb. 5	126	2184
Valves, cocks, and faucets.....	Haydenville Company.....	64,784	Aug. 20	129	3156
Valves, cocks, and unions.....	Kelly & Jones Company.....	64,735	Aug. 20	129	3155
Valves. Regulating and balance.....	H. Mueller Manufacturing Com- pany.	65,082	Sept. 3	130	295
Valves, strainers, and cocks.....	United Injector Co.....	59,681	Jan. 15	126	1057
Vanilla and lemon extracts, evaporated apples, and jellies.....	H. A. Johnson & Co.....	60,658	Feb. 19	126	3033
Varnish.....	Berry Brothers.....	62,060	Apr. 16	127	2811
Varnish.....	Valentine & Company.....	62,492	May 7	128	451
Varnish.....	Federal Varnish Company.....	64,492	Aug. 13	129	2851
Varnish.....	Glidden Varnish Company.....	66,437	Nov. 26	131	1157
Varnish and japans.....	Robt. Ingram Clark & Co.....	59,455	Jan. 8	126	751
Varnish and stains.....	Eagle Paint & Varnish Co.....	59,022	Jan. 1	126	377
Varnish, japan, driers, and fillers.....	Boston Varnish Company.....	60,123	Jan. 29	126	1769
Varnish, japan, driers, and liquid fillers.....	Boston Varnish Company.....	60,252	Feb. 5	126	2181
Varnish-removers.....	Ideal Manufacturing Company.....	62,483	May 7	128	451
Varnish-stains.....	J. Lucas & Co.....	60,071	Jan. 29	126	1767
Varnish-stains.....	Colonial Paint Company.....	65,793	Oct. 22	130	2367
Varnish-stains, priming, and fillers.....	Martin-Senour Co.....	61,811	Apr. 9	127	2387
Varnish, varnish-stain, and paint.....	Hockaday Paint Company.....	65,886	Oct. 29	130	2714
Varnishes.....	Palmer-Price Co.....	60,928	Feb. 26	126	3417
Varnishes.....	Patterson Sargent Co.....	61,264	Mar. 12	127	842
Varnishes.....	Noake-Wheeler-Clough Company.....	61,339	Mar. 19	127	1247
Varnishes.....	E. W. Brown.....	64,010	July 16	129	1264
Varnishes.....	Glidden Varnish Company.....	65,770	Oct. 22	130	2366
Varnishes and japans.....	J. Lucas & Co.....	61,468	Mar. 26	127	1571
Varnishes and stains.....	X-Ray Varnish Company.....	61,638	Apr. 2	127	1985
Varnishes, enamels, paint, oil, rough-stuffs, &c.....	Hibbard, Spencer, Bartlett & Co.....	61,323	Mar. 19	127	1247
Varnishes, enamels, paint, oil, rough-stuffs, &c.....	Hibbard, Spencer, Bartlett & Co.....	61,334	Mar. 19	127	1247
Varnishes, fillers, and colors.....	Moore Paint Co.....	66,768	Dec. 24	131	2141
Varnishes, japans, and enamels.....	Standard Varnish Works.....	63,147	June 11	128	2521
Vegetable materials. Certain.....	Continental Rubber Company.....	63,827	July 9	129	865
Vegetable materials. Certain.....	Continental Rubber Company.....	63,852	July 9	129	866
Vegetable materials. Certain.....	Continental Rubber Company.....	64,421	Aug. 6	129	2495
Varnishes, stains, japans, &c.....	Noake-Wheeler-Clough Company.....	61,813	Apr. 9	127	2387
Vases, mugs, tankards, and clock-cases.....	Owen China Company.....	59,117	Jan. 1	126	379
Vasomotor, cardiac, respiratory, and metabolic stimulant.....	John Wyeth and Brother.....	60,197	Jan. 29	126	1770
Vault, sidewalk, door, and window lights.....	American Bar Lock Co.....	61,537	Mar. 26	127	1573
Vaults. Burial.....	E. A. Benner.....	62,102	Apr. 16	127	2812
Vegetable materials. Certain.....	G. H. Leonard & Co.....	60,659	Feb. 19	126	3033
Vegetable materials. Certain.....	Marden, Orth & Hastings.....	62,135	Apr. 23	127	3209
Vegetable materials. Certain.....	Continental Rubber Company.....	63,598	June 25	128	3284
Vegetable materials. Certain.....	Continental Rubber Company.....	63,599	June 25	128	3284
Vegetable materials. Certain.....	Continental Rubber Company.....	63,600	June 25	128	3284
Vegetable materials. Certain.....	Continental Rubber Company.....	63,601	June 25	128	3284
Vegetable materials. Certain.....	Continental Rubber Company.....	63,603	June 25	128	3288
Vegetable products. Certain.....	M. G. Black.....	60,186	Jan. 29	126	1770
Vegetable substances. Certain.....	Continental Rubber Company.....	64,491	Aug. 13	129	2851
Vegetable substances. Certain.....	American Vulcanized Fibre Com- pany.	65,387	Sept. 24	130	1304
Vegetables. Fresh.....	Bermuda Green Vegetable Grow- ers' Assn.	65,391	Sept. 24	130	1304
Vehicles. Certain.....	George White Buggy Company.....	64,704	Aug. 20	129	3154
Vehicles. Certain parts of.....	Eberhard Manufacturing Com- pany.	61,290	Mar. 12	127	843
Vehicles. Certain road.....	Columbia Carriage Co.....	66,586	Dec. 17	131	1935
Vehicles. Folding storm-front for.....	G. E. Seidel.....	66,209	Nov. 12	131	688
Vehicles. Self-propelled road.....	Pope Manufacturing Company.....	62,474	May 7	128	451
Veilings.....	Weil Brothers.....	61,913	Apr. 9	127	2390
Veilings.....	Weil Brothers.....	61,914	Apr. 9	127	2390
Veilings and net fabrics. Mesh.....	Weil Brothers.....	63,918	July 16	129	1261
Veilings and net piece goods. Netted.....	Benedictus, Weil & Company.....	65,316	Sept. 17	130	973
Veilings. Net.....	Benedictus, Weil & Company.....	63,043	June 4	128	2079
Velocipedes and tricycles.....	S. Oppenheimer & Levy.....	64,224	July 30	129	2068
Velveteens.....	A. Mecky Company.....	65,235	Sept. 17	130	971
Vending-machine. Coin-controlled.....	N. Erlanger, Blumgart & Co.....	61,786	Apr. 2	127	1989
Vending-machines.....	T. R. McQuillan.....	63,124	June 4	128	2081
Vermifuge. Candy.....	G. A. Bayle.....	65,368	Sept. 24	130	1303
Vests, drawers, and trousers.....	Van Vleet-Mansfield Drug Co.....	61,212	Mar. 5	127	389
Veterinary blood-purifier. Liquid.....	Mayer & Wolfson.....	64,596	Aug. 13	129	2853
Veterinary medicine.....	J. T. Carback.....	65,733	Oct. 22	130	2365
Vinegar.....	S. P. Crawford.....	65,853	Oct. 29	130	2713
Vinegar, catsup, and pickles.....	Price & Lucas Cider and Vinegar Company.	63,288	June 11	128	2525
Vinegars and pickles.....	Siegel Cooper & Co.....	63,865	July 9	129	866
Violin, mandolin, guitar, and banjo strings.....	Oakland Vinegar and Pickle Co.....	66,302	Nov. 19	131	937
Violin-strings.....	Buegeleisen & Jacobson.....	61,679	Apr. 2	127	1986
Vitreous slabs or plates.....	Buegeleisen & Jacobson.....	60,406	Feb. 5	126	2185
Vodka.....	Pressed Prism Plate Glass Com- pany.	59,109	Jan. 1	126	379
Waffle-irons.....	John Barth Company.....	66,298	Nov. 19	131	937
	A. M. Andersen.....	64,295	July 30	129	2070

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Wagon-boxes, hay and stock racks.....	Tecumseh Rack & Manufactur- ing Company.	60,781	Feb. 19	126	3037
Wagon-jack and grain-elevators. Combined.....	J. A. Engel & Co.....	62,904	May 28	128	1684
Wagons and carriages.....	H. G. Moore.....	66,200	Nov. 12	131	688
Wagons and carts. Farm, delivery, and dumping.....	Columbia Wagon Co.....	61,436	Mar. 19	127	1249
Waists for women. Dress and shirt.....	Romm & Company.....	63,738	July 2	129	476
Waists, shirts, and suits. Ladies' and misses'.....	A. Cohen.....	61,074	Mar. 5	127	386
Wall and ceiling coverings.....	H. Dolmetsch.....	66,247	Nov. 19	131	936
Wall-board and building-paper.....	Beaver Manufacturing Company.....	62,089	Apr. 16	127	2812
Wall-coverings.....	Emden Co.....	64,452	Aug. 6	129	2496
Wall-coverings. Certain.....	H. B. Wiggins' Sons Company.....	63,908	July 16	129	1261
Wall-finish or calcimine.....	M. E. Fox & Co.....	64,699	Aug. 20	129	3154
Wall-ties.....	J. C. Schreck.....	64,620	Aug. 13	129	2854
Washboards.....	American Washboard Company.....	62,442	May 7	128	450
Washboards.....	American Washboard Company.....	62,742	May 21	128	1288
Washboards.....	American Washboard Company.....	62,790	May 28	128	1681
Washboards.....	American Washboard Company.....	62,791	May 28	128	1681
Washboards.....	American Washboard Company.....	62,792	May 28	128	1681
Washboards.....	American Washboard Company.....	62,793	May 28	128	1681
Washboards.....	American Washboard Company.....	62,794	May 28	128	1681
Washboards.....	American Washboard Company.....	62,795	May 28	128	1681
Washboards.....	American Washboard Company.....	62,979	June 4	128	2078
Washboards.....	American Washboard Company.....	62,980	June 4	128	2078
Washboards.....	Manchester Furniture Co.....	66,646	Dec. 17	131	1936
Washing and cleaning compounds. Fluid.....	Docket & Barnollar.....	63,520	June 25	128	3282
Washing and cleansing tablets.....	H. K. Hattenstein.....	59,852	Jan. 22	126	1348
Washing compound.....	I. Myers.....	59,136	Jan. 1	126	380
Washing compound.....	Pacific Coast Borax Co.....	66,393	Nov. 26	131	1156
Washing compounds.....	Laundry Blue Co.....	62,333	Apr. 30	127	3637
Washing-crystal, compounds for softening water, &c.....	Sherer-Gillett Company.....	62,916	May 28	128	1684
Washing-crystals. Soluble.....	Magi Washing Crystals Co.....	65,942	Oct. 29	130	2715
Washing-machines.....	Richmond Cedar Works.....	61,740	Apr. 2	127	1988
Washing-machines.....	W. J. Zuill.....	61,797	Apr. 2	127	1989
Washing-machines.....	International Factories Co.....	62,748	May 21	128	1288
Washing-machines.....	Voss Brothers Manufacturing Company.	63,887	July 9	129	867
Washing-machines.....	White Lily Manufacturing Com- pany.	65,730	Oct. 22	130	2365
Washing-machines.....	Spears & Riddle Co.....	66,257	Nov. 19	131	936
Washing-machines and wringers.....	Nineteen Hundred Washer Co.....	61,501	Mar. 26	127	1572
Washing-machines for laundry purposes.....	H. F. Brammer Manufacturing Company.	66,840	Dec. 31	131	2412
Washing-machines. Hand-operated.....	Horton Manufacturing Company.....	59,959	Jan. 22	126	1350
Washing-machines, washtubs, wringers, &c.....	G. W. Froelich.....	61,323	Mar. 12	127	844
Washing or soap powder.....	N. K. Fairbank Company.....	60,074	Jan. 29	126	1767
Washing-powder.....	N. K. Fairbank Company.....	59,412	Jan. 8	126	750
Washing-powder.....	Hollywood Soap Company.....	62,069	Apr. 16	127	2811
Washing-powder.....	Loverin and Browne Company.....	64,016	July 16	129	1264
Washing-powder.....	J. F. Shipley.....	64,315	July 30	129	2071
Washing-powder and scouring-soap.....	N. K. Fairbank Company.....	64,856	Aug. 27	129	3496
Washing-powders.....	J. M. Wilson.....	59,732	Jan. 15	126	1058
Washing-powders.....	N. K. Fairbank Company.....	60,075	Jan. 29	126	1767
Washing-tablets.....	Phoenix Manufacturing Co.....	60,965	Feb. 26	126	3418
Watch-bows and watch-pendants.....	Wachter Manufacturing Com- pany.	66,712	Dec. 24	131	2140
Watch-glasses.....	Hammel, Riglander & Co.....	66,021	Nov. 5	131	354
Watch hands, balance-staffs, and jewels.....	Hammel, Riglander & Co.....	59,670	Jan. 15	126	1057
Watch-movements.....	Hampden Watch Co.....	65,756	Oct. 22	130	2366
Watch-movements.....	A. Wittnauer Co.....	65,871	Oct. 29	130	2713
Watch movements and cases.....	Eisenstadt Manufacturing Co.....	60,375	Feb. 5	126	2184
Watch-springs.....	Hammel, Riglander & Co.....	59,885	Jan. 22	126	1348
Watch-springs.....	C. Robert.....	60,238	Jan. 29	126	1772
Watch-springs.....	Hammel, Riglander & Co.....	62,310	Apr. 30	127	3637
Watches.....	W. C. Ball.....	59,461	Jan. 8	126	751
Watches.....	W. C. Ball.....	59,462	Jan. 8	126	751
Watches.....	W. C. Ball.....	60,374	Feb. 5	126	2184
Watches.....	Mermod, Jaccard & King Jewelry Co.	60,433	Feb. 5	126	2186
Watches.....	B. Allen & Co.....	60,821	Feb. 19	126	3038
Watches.....	Mathey Bros., Mathez & Co.....	66,559	Dec. 10	131	1682
Watches.....	Fabrique d'horlogerie Beau-Site Vve Ferdinand Bourquin.	66,707	Dec. 24	131	2140
Watches and parts of same.....	Georges Favre-Jacot & Company.....	64,731	Aug. 20	129	3155
Watches and parts thereof.....	Elgin National Watch Company.....	60,545	Feb. 12	126	2583
Watches and watch-dials.....	International Watch Company.....	64,141	July 23	129	1606
Watches and watch-movements.....	B. L. Strasburger.....	66,011	Nov. 5	131	354
Watches and watch-movements.....	B. L. Strasburger.....	66,565	Dec. 10	131	1683
Watches, clocks, and clockworks.....	Langendorf Watch Co.....	66,593	Aug. 13	129	2853
Watches, watch movements and cases.....	B. L. Strasburger.....	61,267	Mar. 12	127	842
Watches, watch parts and cases.....	A. Wittnauer Co.....	64,712	Aug. 20	129	3154
Watches, watch parts and cases.....	A. Wittnauer Co.....	64,713	Aug. 20	129	3154
Watches, watch parts and cases.....	A. Wittnauer Co.....	64,714	Aug. 20	129	3154
Watches, watch parts and cases.....	A. Wittnauer Co.....	65,109	Sept. 10	130	649
Watches, watch parts and cases.....	A. Wittnauer Co.....	65,110	Sept. 10	130	649
Watches, watch parts and cases.....	A. Wittnauer Co.....	65,111	Sept. 10	130	649
Watches, watch parts and cases.....	A. Wittnauer Co.....	65,112	Sept. 10	130	649
Watches, watch parts and cases.....	A. Wittnauer Co.....	65,501	Oct. 8	130	1682
Watches, watchcases, and watch-movements.....	Langendorf Watch Co.....	61,129	Mar. 5	127	387
Watches, watchcases, and watch-movements.....	Langendorf Watch Co.....	61,130	Mar. 5	127	387
Watches, watchcases, and watch-movements.....	Langendorf Watch Co.....	61,131	Mar. 5	127	387
Watches, watchcases, and watch-movements.....	Langendorf Watch Co.....	61,132	Mar. 5	127	387
Watches, watchcases, and watch-movements.....	Langendorf Watch Co.....	61,133	Mar. 5	127	387
Watches, watchcases, and watch-movements.....	Langendorf Watch Co.....	61,166	Mar. 5	127	388
Watches, watchcases, and watch-movements.....	Langendorf Watch Co.....	61,167	Mar. 5	127	388
Watches, watchcases, and watch-movements.....	Langendorf Watch Co.....	62,314	Apr. 30	127	3637
Watches, watchcases, and watch-movements.....	Langendorf Watch Co.....	62,325	Apr. 30	127	3637
Watches, watchcases, and watch-movements.....	Philadelphia Watch Case Co.....	65,337	Sept. 17	130	973

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Watchcases.....	Elgin National Watch Company.	62,052	Apr. 16	127	2811
Watchcases.....	Waltham Watch Company.....	65,692	Oct. 15	130	2063
Watchmakers' hand-tools.....	Kendrick & Davis.....	62,434	May 7	128	450
Water and a beverage made from ginger. Mineral and table.....	Manitou Mineral Springs Company.	59,408	Jan. 8	126	750
Water and crystals resulting therefrom. Natural mineral.....	L. Smith.....	63,372	June 18	128	2830
Water and flavored soda-water. Spring.....	C. C. Burrill.....	62,519	May 14	128	879
Water. Bottled mineral.....	Bear Lithia Springs Co.....	64,810	Aug. 20	129	3157
Water. Carbonated.....	L. D. Childs.....	62,830	May 28	128	1682
Water. Carbonated drinking.....	Wm. B. Riker & Son Co.....	64,206	July 30	129	2068
Water filtering and softening compound.....	Roessler & Hasslacher Chemical Co	65,248	Sept. 17	130	971
Water-gage tubes.....	R. Klinger.....	66,004	Nov. 5	131	354
Water. Javelle.....	A. Castaing.....	61,680	Apr. 2	127	1986
Water. Mineral.....	Virginia Etna Lithia Springs Co.	60,947	Feb. 26	126	3417
Water. Mineral.....	Hinckley & Schmitt.....	61,127	Mar. 5	127	387
Water. Mineral.....	Virginia Etna Lithia Springs Co.	61,142	Mar. 5	127	388
Water. Mineral.....	Virginia Etna Lithia Springs Co.	61,272	Mar. 12	127	842
Water. Mineral.....	Wild Pigeon Mineral Springs Company.	62,303	Apr. 30	127	3636
Water. Mineral.....	J. A. Morgart.....	62,356	Apr. 30	127	3638
Water. Mineral.....	Heinrich Mattoni Aktiengesellschaft.	62,692	May 21	128	1286
Water. Mineral.....	National Water Co.....	63,533	June 25	128	3282
Water. Mineral.....	H. R. Melster.....	64,197	July 30	129	2068
Water. Mineral.....	Apollinaris Company.....	64,655	Aug. 20	129	3153
Water. Mineral.....	Sheboygan Mineral Water Co.....	65,309	Sept. 17	130	973
Water. Mineral.....	Sheboygan Mineral Water Co.....	65,310	Sept. 17	130	973
Water. Mineral.....	Sheboygan Mineral Water Co.....	65,311	Sept. 17	130	973
Water. Mineral.....	W. Baird.....	65,431	Sept. 24	130	1305
Water. Mineral.....	W. Baird.....	65,432	Sept. 24	130	1305
Water. Mineral.....	Miraco Co.....	65,944	Oct. 29	130	2715
Water. Mineral.....	Die Actiengesellschaft Apollinaris Brunnen.	66,136	Nov. 12	131	686
Water. Mineral.....	Schultes Agost, Szinye-Lipoczi Salvatoriforrás vállalat.	66,310	Nov. 19	131	937
Water-motors.....	Edgar Manufacturing Company..	61,498	Mar. 26	127	1572
Water-motors, water-motor pumps, and water-lifts.....	Organ Power Corporation.....	62,911	May 28	128	1684
Water. Natural lithia spring.....	L. M. Park.....	61,885	Apr. 9	127	2389
Water. Natural mineral.....	Pulaski Springs Hotel Company..	59,856	Jan. 22	126	1348
Water. Natural mineral.....	Clysmic Spring Co.....	66,871	Dec. 31	131	2413
Water. Natural spring.....	Huntoon Spring Water Company.	63,937	July 16	129	1262
Water. Potable.....	F. A. White.....	63,844	July 9	129	865
Water purifying and softening preparation.....	Porcela Co.....	61,672	Apr. 2	127	1986
Water-purifying apparatus.....	Pittsburgh Filter Mfg. Co.....	61,737	Apr. 2	127	1988
Water-purifying composition.....	Auto Radium Co.....	66,781	Dec. 31	131	2411
Water. Spring.....	Anita Spring Water Co.....	60,373	Feb. 5	126	2184
Water. Spring.....	L. M. Park.....	61,907	Apr. 9	127	2390
Water. Spring.....	W. Earhart.....	63,829	July 9	129	865
Water. Spring.....	W. Earhart.....	63,830	July 9	129	865
Water. Spring.....	J. E. Patterson.....	66,223	Nov. 19	131	935
Water. Table.....	G. Truesdell.....	60,577	Feb. 12	126	2584
Water. Table.....	Great Bear Spring Co.....	62,308	Apr. 30	127	3637
Water-traps. Metal.....	R. W. Reid.....	65,247	Sept. 17	130	971
Water wheels and motors and parts thereof.....	Abner Doble Company.....	63,604	July 2	129	473
Waters and carbonated beverages. Mineral.....	P. Clark.....	63,116	June 4	128	2081
Waters and non-alcoholic carbonated beverages. Mineral and table.....	F. D. Councilman.....	63,363	June 18	128	2830
Waters. Carbonated or mineral.....	Huntoon Spring Water Company.	63,676	July 2	129	475
Waters, ginger-ale, root-beer, &c. Mineral.....	Blue Ribbon Mining, Milling, and Investment Co.	62,518	May 14	128	879
Waters. Mineral.....	J. Ries.....	61,278	Mar. 12	127	842
Waters. Mineral.....	S. Harmsworth.....	66,718	Dec. 24	131	2140
Waters. Mineral and aerated.....	Cantrell & Cochrane.....	64,191	July 30	129	2068
Waters. Natural spring.....	Huntoon Spring Water Company.	63,708	July 2	129	476
Waters, seltzer, and ginger-ale. Mineral and lithia.....	Ohio Bottling Co.....	62,557	May 14	128	880
Waters. Spring and other drinking.....	C. A. Clegg.....	65,435	Sept. 24	130	1305
Waters. Still and carbonated.....	Glen Rock Mineral Spring Company.	63,394	June 18	128	2830
Waters. Table.....	Equinox Company.....	59,248	Jan. 1	126	383
Waters. Table.....	J. Ries.....	61,997	Apr. 16	127	2809
Waters. Table.....	J. Ries.....	62,027	Apr. 16	127	2810
Waterproof garments. Certain.....	H. M. Sawyer & Son.....	60,898	Feb. 26	126	3416
Waterproof garments. Certain.....	H. M. Sawyer & Son.....	60,899	Feb. 26	126	3416
Waterproof garments. Certain.....	H. M. Sawyer & Son.....	60,900	Feb. 26	126	3416
Waterproofing compound. Certain.....	T. F. Koch.....	65,505	Oct. 8	130	1682
Wax. Laundry.....	Astoria Chemical Company.....	63,750	July 9	129	873
Wax, mucilage, and paste. Sealing.....	Thaddeus Davids Company.....	61,085	Mar. 5	127	386
Wax. Sealing.....	Circleville Sealing Wax Co.....	59,601	Jan. 15	126	1055
Waxes, oils, and greases. Certain.....	Vacuum Oil Company.....	62,516	May 14	128	879
Weaners. Calif.....	J. E. Griffith.....	59,048	Jan. 1	126	378
Weeds. Preparation for killing.....	A. C. Chase.....	63,976	July 16	129	1263
Weighing apparatus. Certain.....	Hennefer Maschinenfabrik C. Reuther & Reisert M. B. H.	65,296	Sept. 17	130	972
Weighing machinery.....	Richardson Scale Company.....	59,518	Jan. 8	126	752
Welding and brazing plates.....	Phillips-Laffitte Company.....	59,452	Jan. 8	126	751
Well-drilling machines.....	G. D. Loomis.....	59,069	Jan. 1	126	378
Welsh-rarebit-seasoning compound.....	D. R. Greene.....	62,004	Apr. 16	127	2810
Wheat and rye preparations and bakery products. Certain named.....	Potter & Wrightington.....	59,313	Jan. 8	126	747
Wheat. Breakfast.....	Pacific Milling Company.....	65,910	Oct. 29	130	2714
Wheat. Cooked flaked.....	"Force" Food Company.....	60,099	Jan. 29	126	1768
Wheat-farina, pearl-barley, and corn-starch.....	E. R. Durkee & Co.....	60,455	Feb. 12	126	2581
Wheat-grits.....	Rugby Milling Company.....	61,576	Mar. 26	127	1574
Whips.....	Horse Whip Co.....	63,233	June 11	128	2523
Whips.....	Independent Whip Co.....	63,938	July 16	129	1262
Whips.....	United States Whip Company.....	64,077	July 23	129	1604
Whips.....	United States Whip Company.....	64,370	Aug. 6	129	2494

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Whips	United States Whip Company ..	64,561	Aug. 13	129	2853
Whips	United States Whip Company ..	65,146	Sept. 10	130	650
Whips	United States Whip Company ..	66,014	Nov. 5	131	354
Whips. Horse-	G. C. Morgan ..	61,567	Mar. 26	127	1573
Whips, whip-lashes, &c.	Warren Featherbone Co.	66,241	Nov. 19	131	935
Whiskies. Rye and Bourbon.	W. C. Fulcher ..	65,591	Oct. 8	130	1684
Whisky	W. L. Perkins & Co.	59,039	Jan. 1	126	377
Whisky	J. Shapiro ..	59,052	Jan. 1	126	378
Whisky	F. W. Hunt & Co.	59,084	Jan. 1	126	379
Whisky	J. Livelar & Co.	59,085	Jan. 1	126	379
Whisky	Cafe Savarin Company ..	59,347	Jan. 8	126	748
Whisky	Patterson & Coane ..	59,360	Jan. 8	126	748
Whisky	C. A. Van Rensselaer ..	59,367	Jan. 8	126	748
Whisky	Ullman & Co.	59,395	Jan. 8	126	749
Whisky	F. T. Morrissey ..	59,410	Jan. 8	126	750
Whisky	Bonnie Bros.	59,463	Jan. 8	126	751
Whisky	Ferd Roddewig Sons ..	59,471	Jan. 8	126	751
Whisky	J. Harbinson ..	59,478	Jan. 8	126	751
Whisky	J. & E. Mahoney ..	59,488	Jan. 8	126	752
Whisky	R. Steel ..	59,500	Jan. 8	126	752
Whisky	Van Vleet Mansfield Drug Co.	59,506	Jan. 8	126	752
Whisky	Beech Hill Distilling Co.	59,533	Jan. 8	126	753
Whisky	Cahn, Belt & Co.	59,555	Jan. 8	126	753
Whisky	Bluthenthal & Heilbronner ..	59,571	Jan. 8	126	754
Whisky	Casey-Swasey Company ..	59,572	Jan. 8	126	754
Whisky	Glaser & Barzen Distilling & Importing Co.	59,579	Jan. 8	126	754
Whisky	Edw. B. Bruce Co.	59,663	Jan. 15	126	1057
Whisky	Green River Distilling Company ..	59,667	Jan. 15	126	1057
Whisky	Green River Distilling Company ..	59,668	Jan. 15	126	1057
Whisky	Green River Distilling Company ..	59,669	Jan. 15	126	1057
Whisky	J. Moroney ..	59,673	Jan. 15	126	1057
Whisky	P. J. Serwazi ..	59,677	Jan. 15	126	1057
Whisky	Chicago Distilling Co.	59,696	Jan. 15	126	1058
Whisky	Dowling Bros.	59,697	Jan. 15	126	1058
Whisky	W. A. Ross ..	59,712	Jan. 15	126	1058
Whisky	E. Lynch ..	59,726	Jan. 15	126	1058
Whisky	Fickel & Hand ..	59,727	Jan. 15	126	1058
Whisky	W. A. Ross ..	59,729	Jan. 15	126	1058
Whisky	Schneider & Klein ..	59,857	Jan. 22	126	1348
Whisky	Klein Bros.	59,875	Jan. 22	126	1348
Whisky	Charles Dennehy & Company ..	60,211	Jan. 29	126	1771
Whisky	Garrett-Williams Co.	60,213	Jan. 29	126	1771
Whisky	Geo. Bieler Sons Co.	60,214	Jan. 29	126	1771
Whisky	Geo. Bieler Sons Co.	60,215	Jan. 29	126	1771
Whisky	A. L. Lewin ..	60,216	Jan. 29	126	1771
Whisky	Maryland Distilling Company of Baltimore City ..	60,217	Jan. 29	126	1771
Whisky	J. H. Friedenwald & Co.	60,229	Jan. 29	126	1771
Whisky	Gottschalk Company of Baltimore City ..	60,233	Jan. 29	126	1771
Whisky	J. McGlinn ..	60,236	Jan. 29	126	1772
Whisky	Wm. Bergenthal Co.	60,243	Jan. 29	126	1772
Whisky	P. T. O'Brien ..	60,381	Feb. 5	126	2184
Whisky	Ferncliff Distillery Co.	60,412	Feb. 5	126	2185
Whisky	Wm. Bergenthal Co.	60,419	Feb. 5	126	2185
Whisky	Charles Dennehy & Company ..	60,511	Feb. 12	126	2582
Whisky	John E. Cassidy & Son ..	60,531	Feb. 12	126	2583
Whisky	John E. Cassidy & Son ..	60,556	Feb. 12	126	2584
Whisky	Schuetz, Renziehausen & Co.	60,568	Feb. 12	126	2584
Whisky	Stein Brothers ..	60,574	Feb. 12	126	2584
Whisky	Wolcott Company ..	60,621	Feb. 12	126	2585
Whisky	Wolcott Company ..	60,622	Feb. 12	126	2585
Whisky	M. Letzelter ..	60,718	Feb. 19	126	3035
Whisky	M. Letzelter ..	60,719	Feb. 19	126	3035
Whisky	M. Letzelter ..	60,720	Feb. 19	126	3035
Whisky	William H. Lee & Co.	60,744	Feb. 19	126	3036
Whisky	T. B. Kane ..	60,756	Feb. 19	126	3036
Whisky	J. Joseph ..	60,769	Feb. 19	126	3036
Whisky	L. Hartman Co.	60,770	Feb. 19	126	3036
Whisky	Lazarus & Nassauer ..	60,771	Feb. 19	126	3036
Whisky	R. M. Rose Co.	60,775	Feb. 19	126	3037
Whisky	E. Schneider ..	60,776	Feb. 19	126	3037
Whisky	Casey Bros.	60,811	Feb. 19	126	3037
Whisky	Kamp Distilling Co.	60,814	Feb. 19	126	3038
Whisky	H. & H. W. Catherwood ..	60,829	Feb. 19	126	3038
Whisky	H. Levinkind ..	60,841	Feb. 19	126	3038
Whisky	Geo. W. Torrey Co.	60,958	Feb. 26	126	3417
Whisky	C. H. Graves & Sons ..	60,960	Feb. 26	126	3417
Whisky	H. W. Huguley Company ..	60,961	Feb. 26	126	3417
Whisky	Albert M. Gugenheim Co.	60,969	Feb. 26	126	3418
Whisky	Rieger & Lindley ..	61,084	Mar. 5	127	386
Whisky	L. W. Walker ..	61,086	Mar. 5	127	386
Whisky	J. Walsh & Co.	61,087	Mar. 5	127	386
Whisky	H. F. Corbin & Co.	61,091	Mar. 5	127	386
Whisky	H. Obernauer ..	61,095	Mar. 5	127	386
Whisky	Sielemann Distilling Co.	61,099	Mar. 5	127	386
Whisky	Edw. B. Bruce Co.	61,110	Mar. 5	127	387
Whisky	A. J. Weil ..	61,122	Mar. 5	127	387
Whisky	A. J. Weil ..	61,123	Mar. 5	127	387
Whisky	H. Rosenheim & Son ..	61,140	Mar. 5	127	387
Whisky	M. Letzelter ..	61,169	Mar. 5	127	388
Whisky	Hollywood Company ..	61,294	Mar. 12	127	843
Whisky	Kohn Distilling Co.	61,299	Mar. 12	127	843
Whisky	Freiberg & Workum ..	61,378	Mar. 19	127	1248
Whisky	P. Freiler ..	61,379	Mar. 19	127	1248
Whisky	R. S. Strader ..	61,534	Mar. 26	127	1573

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Whisky	Kamp Distilling Co.	61,563	Mar. 26	127	1573
Whisky	B. W. Le Compte	61,565	Mar. 26	127	1573
Whisky	Delaney & Murphy	61,579	Mar. 26	127	1574
Whisky	Freiberg, Meyer & Co.	61,580	Mar. 26	127	1574
Whisky	W. H. Jones and Co.	61,584	Mar. 26	127	1574
Whisky	Star Distillery Co.	61,592	Mar. 26	127	1574
Whisky	M. Salmon	61,609	Mar. 26	127	1574
Whisky	Sample & Co.	61,610	Mar. 26	127	1574
Whisky	Straus, Gunst & Co.	61,614	Mar. 26	127	1575
Whisky	F. C. Renziehausen	61,688	Apr. 2	127	1986
Whisky	Casey Bros	61,699	Apr. 2	127	1987
Whisky	A. Lipman	61,709	Apr. 2	127	1987
Whisky	Sunset Distilling Co.	61,719	Apr. 2	127	1987
Whisky	P. Freiler	61,731	Apr. 2	127	1987
Whisky	Jaeger Bros. Co.	61,733	Apr. 2	127	1988
Whisky	Geo. Benz & Sons	61,752	Apr. 2	127	1988
Whisky	Kohn Distilling Co.	61,778	Apr. 2	127	1989
Whisky	I. Monheimer	61,785	Apr. 2	127	1989
Whisky	William H. Lee & Co.	61,794	Apr. 2	127	1989
Whisky	Bluthenthal & Bickart	61,890	Apr. 9	127	2389
Whisky	Friedman, Keiler & Co.	61,894	Apr. 9	127	2389
Whisky	Henry M. Rubel Company	61,895	Apr. 9	127	2389
Whisky	Henry M. Rubel Company	61,896	Apr. 9	127	2389
Whisky	West Overton Distilling Co.	61,917	Apr. 9	127	2390
Whisky	A. Friedman & Co.	61,943	Apr. 9	127	2391
Whisky	Breen & Kennedy	61,999	Apr. 16	127	2809
Whisky	F. S. Scherer	62,028	Apr. 16	127	2810
Whisky	Wichman, Lutgen & Co.	62,030	Apr. 16	127	2810
Whisky	John Haig & Co.	62,039	Apr. 16	127	2811
Whisky	Imperial Distilling & Cordial Co.	62,064	Apr. 16	127	2811
Whisky	C. Kraemer	62,156	Apr. 23	127	3210
Whisky	A. H. Gellenbeck	62,173	Apr. 23	127	3210
Whisky	Guet & Sénac	62,174	Apr. 23	127	3210
Whisky	Straus, Gunst & Co.	62,227	Apr. 23	127	3211
Whisky	Frankfort Distillery	62,327	Apr. 30	127	3637
Whisky	A. Fischer	62,345	Apr. 30	127	3637
Whisky	Goodhart-Hartman Co.	62,350	Apr. 30	127	3638
Whisky	Records & Goldsborough	62,361	Apr. 30	127	3638
Whisky	J. P. Straub	62,372	Apr. 30	127	3638
Whisky	A. Fischer	62,381	Apr. 30	127	3638
Whisky	Gill-Herman Co.	62,397	May 7	128	449
Whisky	Nelson Distilling Co.	62,436	May 7	128	450
Whisky	A. Schwabacher	62,524	May 14	128	879
Whisky	Rock Spring Distilling Co.	62,544	May 14	128	880
Whisky	J. Klein	62,556	May 14	128	880
Whisky	Bernheim Distilling Co.	62,678	May 21	128	1286
Whisky	Albert M. Gugenheim Co.	64,709	May 21	128	1287
Whisky	C. P. Moorman & Company	62,714	May 21	128	1287
Whisky	C. P. Moorman & Company	62,715	May 21	128	1287
Whisky	C. P. Moorman & Company	62,716	May 21	128	1287
Whisky	C. P. Moorman & Company	62,717	May 21	128	1287
Whisky	Daviess County Distilling Co.	62,722	May 21	128	1287
Whisky	F. C. Renziehausen	62,733	May 21	128	1287
Whisky	C. P. Moorman & Company	62,768	May 21	128	1288
Whisky	J. J. Douglas Co.	62,770	May 21	128	1288
Whisky	Bay View Wine Co.	62,827	May 28	128	1682
Whisky	Eminence Distillery Co.	62,855	May 28	128	1683
Whisky	Labrot & Graham	62,906	May 28	128	1684
Whisky	Freiberg & Workum	63,032	June 4	128	2079
Whisky	Jesse Moore Hunt Co.	63,049	June 4	128	2079
Whisky	John Robertson & Son	63,050	June 4	128	2079
Whisky	M. Shaughnessy Distilling Company	63,053	June 4	128	2080
Whisky	Schmidt & Ziegler	63,058	June 4	128	2080
Whisky	Tanqueray Gordon & Co.	63,062	June 4	128	2080
Whisky	White, Hentz & Co.	63,132	June 4	128	2082
Whisky	Rieger & Lindley	63,179	June 11	128	2522
Whisky	Steinhardt Bros. & Co.	63,204	June 11	128	2522
Whisky	H. C. Woodbury	63,251	June 11	128	2524
Whisky	O. Taussig	63,295	June 11	128	2525
Whisky	S. & S. H. Freiberg	63,365	June 18	128	2830
Whisky	F. T. Morrissey	63,367	June 18	128	2830
Whisky	S. P. Haller	63,494	June 25	128	3281
Whisky	E. P. Dodge	63,670	July 2	129	475
Whisky	Jaeger Bros. Co.	63,678	July 2	129	475
Whisky	Dunville & Co.	63,753	July 9	129	863
Whisky	W. A. Ross & Brother	63,761	July 9	129	863
Whisky	Boston Store of Chicago	63,773	July 9	129	864
Whisky	N. M. Uri	63,792	July 9	129	864
Whisky	Ginter Grocery Co.	63,810	July 9	129	865
Whisky	F. S. Hanson	63,812	July 9	129	865
Whisky	Weiss Eichold Liquor Co.	63,821	July 9	129	865
Whisky	Weiss Eichold Liquor Co.	63,822	July 9	129	865
Whisky	J. P. Winand	63,845	July 9	129	865
Whisky	R. Steel	63,867	July 9	129	866
Whisky	R. H. Cate	63,903	July 16	129	1261
Whisky	Hoffheimer Bro's. Co.	64,013	July 16	129	1264
Whisky	Eagle Distillery	64,136	July 23	129	1606
Whisky	R. Monarch	64,147	July 23	129	1606
Whisky	Morten & Company	64,198	July 30	129	2068
Whisky	E. Martin & Co.	64,218	July 30	129	2068
Whisky	Frankfort Distillery	64,241	July 30	129	2069
Whisky	A. Berkowitz	64,377	Aug. 6	129	2494
Whisky	C. P. Moorman & Company	64,379	Aug. 6	129	2494
Whisky	M. Shaughnessy Distilling Company	64,388	Aug. 6	129	2494

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Whisky	Wichman, Lutgen & Co.	64,409	Aug. 6	129	2495
Whisky	John E. Cassidy & Son.	64,592	Aug. 13	129	2853
Whisky	S. S. Pierce Co.	64,600	Aug. 13	129	2854
Whisky	P. Freiler.	64,782	Aug. 20	129	3156
Whisky	Ryeland Distilling Company.	64,799	Aug. 20	129	3157
Whisky	Thos. Moore Distilling Co.	64,806	Aug. 20	129	3157
Whisky	Stein Brothers.	64,807	Aug. 20	129	3157
Whisky	Daniel Crawford & Son.	64,846	Aug. 27	129	3495
Whisky	J. B. J. Nienaber.	64,857	Aug. 27	129	3496
Whisky	Pickel & Hand.	64,880	Aug. 27	129	3496
Whisky	D. L. Arey Distilling Co.	65,062	Sept. 3	130	295
Whisky	H. Weil & Sons.	65,078	Sept. 3	130	296
Whisky	Macy & Jenkins.	65,216	Sept. 10	130	652
Whisky	P. Donaghue.	65,317	Sept. 17	130	973
Whisky	Roth & Company.	65,339	Sept. 17	130	973
Whisky	Swope & Mangold.	65,340	Sept. 17	130	973
Whisky	Jno. T. Barbee & Co.	65,443	Sept. 24	130	1305
Whisky	J. H. McBrayer.	65,450	Sept. 24	130	1305
Whisky	Steuben County Wine Co.	65,463	Sept. 24	130	1306
Whisky	Steuben County Wine Co.	65,465	Sept. 24	130	1306
Whisky	P. Donaghue.	65,585	Oct. 8	130	1684
Whisky	L. Sonnenschein.	65,601	Oct. 8	130	1684
Whisky	F. Westheimer & Sons.	65,693	Oct. 15	130	2063
Whisky	George Bieler Sons Company.	65,722	Oct. 22	130	2365
Whisky	McIlvaine & Baldwin.	65,725	Oct. 22	130	2365
Whisky	Theobald and Son Co.	65,728	Oct. 22	130	2365
Whisky	I. Trager Co.	65,803	Oct. 22	130	2367
Whisky	J. W. Kelly & Co.	65,806	Oct. 22	130	2367
Whisky	J. W. Kelly & Co.	65,807	Oct. 22	130	2367
Whisky	Number One Distillery Co.	65,809	Oct. 22	130	2367
Whisky	Woolner Distilling Company.	65,817	Oct. 22	130	2367
Whisky	Albert M. Gugenheim Co.	65,919	Oct. 29	130	2715
Whisky	M. L. Bayer.	65,920	Oct. 29	130	2715
Whisky	O'Neil & Richardson.	65,948	Oct. 29	130	2715
Whisky	Roewekamp Bros.	66,060	Nov. 5	131	355
Whisky	Jesse Moore Hunt Co.	66,083	Nov. 5	131	356
Whisky	W. Sanderson & Son.	66,087	Nov. 5	131	356
Whisky	Hollenbach, Dietrich & Co.	66,103	Nov. 12	131	685
Whisky	New Kensington Distilling Co.	66,107	Nov. 12	131	685
Whisky	L. & A. Scharff.	66,226	Nov. 19	131	935
Whisky	Garrett-Williams Company.	66,291	Nov. 19	131	937
Whisky	Golden Hill Distilling Co.	66,294	Nov. 19	131	937
Whisky	Lazarus-Nassauer Co.	66,299	Nov. 19	131	937
Whisky	Rosenfield Bros. & Co.	66,308	Nov. 19	131	937
Whisky	Glasner & Barzen Distilling & Importing Co.	66,421	Nov. 26	131	1157
Whisky	Henry Thode Co.	66,423	Nov. 26	131	1157
Whisky	Mattingly & Moore Dist'y Co.	66,428	Nov. 26	131	1157
Whisky	Ullman Einstein Co.	66,432	Nov. 26	131	1157
Whisky	Van Vleet-Mansfield Drug Co.	66,445	Nov. 26	131	1157
Whisky	S. & S. H. Freiberg.	66,488	Dec. 3	131	1417
Whisky	John Dewar & Sons.	66,490	Dec. 3	131	1417
Whisky	J. H. Michael.	66,580	Dec. 10	131	1683
Whisky	E. Martin & Co.	66,659	Dec. 17	131	1937
Whisky	Geo. Benz & Sons.	66,741	Dec. 24	131	2140
Whisky	J. J. Hermann.	66,745	Dec. 24	131	2141
Whisky	I. L. Lamm Co.	66,746	Dec. 24	131	2141
Whisky	W. A. Ross & Brother.	66,756	Dec. 24	131	2141
Whisky	Gooderham & Worts.	66,796	Dec. 31	131	2411
Whisky	A. Hirschman & Co.	66,798	Dec. 31	131	2411
Whisky	O'Bryan Bros.	66,802	Dec. 31	131	2411
Whisky	O'Bryan Bros.	66,803	Dec. 31	131	2411
Whisky	Records & Goldsborough.	66,805	Dec. 31	131	2411
Whisky	W. E. Seel.	66,806	Dec. 31	131	2411
Whisky	Stein Brothers.	66,807	Dec. 31	131	2411
Whisky	Vogt-Applegate Company.	66,808	Dec. 31	131	2411
Whisky	Wiglesworth Bros. Co.	66,809	Dec. 31	131	2411
Whisky	H. Campe & Co.	66,812	Dec. 31	131	2412
Whisky and brandy	Edw. B. Bruce Co.	59,470	Jan. 8	126	751
Whisky and gin.	Bluthenthal & Bickart.	66,791	Dec. 31	131	2411
Whisky, brandy, and gin.	Eiseman & Company.	66,289	Nov. 19	131	937
Whisky, brandy, and gin.	B. S. Flersheim Mercantile Co.	66,574	Dec. 10	131	1683
Whisky, brandy, gin, and cordials.	J. Cartun.	62,994	June 4	128	2078
Whisky, brandy, gin, rum, &c.	Boston Wine & Spirits Co.	61,260	Mar. 19	127	1247
Whisky, brandy, rum, and gin.	M. Wollstein & Co.	65,596	Oct. 8	130	1684
Whisky. Corn.	R. M. Rose Co.	61,388	Mar. 19	127	1248
Whisky. Corn.	G. E. Payne.	63,913	July 16	129	1261
Whisky, gin, and brandy.	Figge-Doyle Co.	62,832	May 28	128	1682
Whisky, gin, and brandy.	Figge-Doyle Co.	63,228	June 11	128	2523
Whisky, gin, and brandy.	Edw. B. Bruce Co.	66,793	Dec. 31	131	2411
Whisky, gin, brandy, and rum.	J. H. Friedenwald & Co.	59,699	Jan. 15	126	1058
Whisky, gin, brandy, cordials, and cocktails.	W. P. Strader.	66,755	Dec. 24	131	2141
Whisky. Malt.	Mackenzie Bros.	63,315	June 11	128	2525
Whisky. Maryland rye.	Ciotti, Vincenti & Co.	62,378	Apr. 30	127	3638
Whisky. Rye.	Bisi & Caprini.	60,970	Feb. 26	126	3418
Whisky. Rye.	Thos. Moore Distilling Co.	61,761	Apr. 2	127	1988
Whisky. Rye.	Thos. G. Carroll & Son Co. of Baltimore City.	62,704	May 21	128	1287
Whisky. Rye.	Thos. G. Carroll & Son Co. of Baltimore City.	62,772	May 21	128	1288
Whisky. Rye and Bourbon.	Jonas F. Brown & Co.	62,403	May 7	128	449
Whisky. Scotch.	Slater, Rodger & Co.	61,389	Mar. 19	127	1248
Whisky. Scotch.	Mackenzie Bros.	61,994	Apr. 16	127	2809
Whisky. Scotch.	Baird & Co.	64,127	July 23	129	1605
White goods. Certain.	Sherman & Sons Company.	63,246	June 11	128	2524

Alphabetical list of trade-marks—Continued.

Title.	Name.	No.	Date.	Official Gazette.	
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Windmills	Baker Manufacturing Company	65,606	Oct. 8	130	1684
Windmills, windmill-towers, pumps, and pump-cylinders	Red Cross Mfg. Co.	61,327	Mar. 12	127	844
Window-prisms, vault, sidewalk, door, and window lights	A. Priddle	59,619	Jan. 15	126	1055
Wine	J. F. O'Toole	62,045	Apr. 16	127	2811
Wine	Wetmore-Bowen Co.	64,842	Aug. 27	129	3495
Wine	Gundlach-Bundischu Wine Co.	65,166	Sept. 10	130	651
Wine	Great Western Wine Co.	66,570	Dec. 10	131	1683
Wine	Great Western Wine Co.	66,571	Dec. 10	131	1683
Wine	California Wine Association	66,811	Dec. 31	131	2411
Wine and beer. Preparation for preserving.	A. Boake Roberts & Co.	66,447	Nov. 26	131	1157
Wine. Bitter	M. Kolassa	62,539	May 14	128	880
Wine. Certain	Chas. A. Zahn Co.	66,637	Dec. 17	131	1936
Wine. Certain	Chas. A. Zahn Co.	66,638	Dec. 17	131	1936
Wine. Champagne	Krug & Co.	66,572	Dec. 10	131	1683
Wine. Champagne	Krug & Co.	66,573	Dec. 10	131	1683
Wine. Claret	Clover Leaf Wine Co.	63,904	July 16	129	1261
Wine. Grape-juice	D. C. Brignole	60,224	Jan. 29	126	1771
Wine. Port	John Graham & Company	60,717	Feb. 19	126	3035
Wine. Port	S. Streit & Co.	60,850	Feb. 19	126	3038
Wine. Port	Offley, Forrester & Co.	62,026	Apr. 16	127	2810
Wine. Port	Offley, Forrester & Co.	64,149	July 23	129	1606
Wine. Port	S. Street & Co.	64,403	Aug. 6	129	2495
Wine. Port	Offley, Forrester & Co.	66,815	Dec. 31	131	2412
Wines	To-Kalon Vineyard Co.	60,383	Feb. 5	126	2184
Wines	T. L. Lamm Co.	62,070	Apr. 16	127	2811
Wines	Carmel Wine Company	65,278	Apr. 30	127	3636
Wines	Carmel Wine Company	65,774	July 9	129	864
Wines	Atlantic Vineyard and Wine Co.	63,902	July 16	129	1261
Wines	G. W. Steiger-Busch	64,840	Aug. 27	129	3495
Wines	R. Labaume & Co.	66,350	Nov. 19	131	938
Wines. California	T. Grumbach	66,438	Nov. 26	131	1157
Wines. Certain	Barton Vineyard Company	66,618	Dec. 17	131	1935
Wines. Claret, Burgundy, and Sauterne	J. Calvet & Co.	62,449	May 7	128	450
Wines. Port and sherry	Geo. G. Sandeman Sons & Co.	62,307	Apr. 30	127	3636
Wines. Port and sherry	Geo. G. Sandeman Sons & Co.	64,221	July 30	129	2068
Wines. Rhine	P. J. Valckenberg	60,912	Feb. 26	126	3416
Wines. Rhine	P. J. Valckenberg	60,941	Feb. 26	126	3417
Wire	Wire & Telephone Co. of America	62,549	May 14	128	880
Wire. Certain	John A. Roebbling's Sons Co.	65,493	Oct. 8	130	1681
Wire. Certain	John A. Roebbling's Sons Co.	65,528	Oct. 8	130	1682
Wire rope	George Cutter Co.	60,519	Feb. 12	126	2583
Wire screens and screen doors	Neuhaus Mfg. Co.	66,826	Dec. 31	131	2412
Wood and furniture polish. Hard-	S. B. Crall	62,953	June 4	128	2077
Wood and furniture polishes	Citizens' Wholesale Supply Company	61,629	Apr. 2	127	1985
Wood and metal cleaning and polishing preparation	O. C. Hassler	60,150	Jan. 29	126	1769
Wood buckets or pails	W. Heyser	64,937	Aug. 27	129	3498
Wood-filler. Liquid	Glidden Varnish Company	62,496	May 7	128	452
Wood-finish. Certain	Lilly Varnish Company	65,678	Oct. 15	130	2062
Wood. Impregnating agents for preserving and coating	Chemische Fabrik Florshiem, Dr. H. Noerdlinger	66,585	Dec. 17	131	1935
Wood manufactures. Certain	C. N. Dietz Lumber Company	61,248	Mar. 12	127	842
Wood manufactures. Certain	C. Este	61,444	Mar. 19	127	1250
Wood manufactures. Certain	Simmons Hardware Company	64,972	Sept. 3	130	293
Wood manufactures. Certain	Venesta Limited	66,279	Nov. 19	131	937
Wood manufactures. Certain	Rees-Scott Company	66,472	Dec. 3	131	1417
Wood-preserving compound	S. Cabot	59,736	Jan. 15	126	1059
Woodworking-machines. Certain named	A. M. Gibbes	59,539	Jan. 8	126	753
Wool-fat preparations. Certain	Vereinigte Chemische Werke Aktiengesellschaft	65,841	Oct. 22	130	2368
Wool-fat preparations. Certain	Vereinigte Chemische Werke Aktiengesellschaft	65,842	Oct. 22	130	2368
Wool. Fine and cross-bred grades of	D. S. Pratt	61,673	Apr. 2	127	1986
Wool. Sheep's	C. Schmitz & Co.	64,801	Aug. 20	129	3157
Woolen dress goods and cloakings	F. D. Glazier	63,675	July 2	129	475
Woolen fabrics in the piece	Phoenix Woolen Co.	61,931	Apr. 9	127	2390
Woolen piece goods	Western Reserve Woolen Co.	62,788	May 28	128	1681
Woolen piece goods	Worumbo Manufacturing Company	66,483	Dec. 3	131	1417
Woolen piece goods and haircloth	William Hollins and Company	63,690	July 2	129	475
Woolen, silk, and velvet piece goods	M. Rosenbaum's Sons	64,203	July 30	129	2068
Worsted dress goods and suitings	Hall & Co.	60,025	Jan. 22	126	1352
Worsted or cotton and worsted and cotton dress fabrics	Strawbridge & Clothier	66,481	Dec. 3	131	1417
Worsted, woolen, and cotton-mixed piece goods	Grifon Company	59,226	Jan. 1	126	382
Wrenches	John A. Roebbling's Sons Co.	60,327	Feb. 5	126	2183
Wrenches	Robbins, Gamwell & Co.	62,121	Apr. 16	127	2813
Wrenches	Frank Mossberg Company	64,165	July 30	129	2067
Wrenches	Coes Wrench Co.	64,696	Aug. 20	129	3154
Wrenches and thread cutters or trimmers. Combined	Hawkeye Wrench Company	59,134	Jan. 1	126	380
Wrenches. Monkey and pipe	Trimont Manufacturing Co.	63,620	July 2	129	473
Wrenches. Pipe and nut	Keystone Mfg. Co.	62,642	May 21	128	1285
Wringers and parts thereof	American Wringer Company	66,244	Nov. 19	131	936
Yarn. Certain	Grifon Company	65,243	Sept. 17	130	971
Yarn. Cotton	Howard Manufacturing Co.	64,243	July 30	129	2069
Yarn produced from cellulose or viscose	G. Lund	62,755	May 21	128	1288
Yarn produced from wood pulp, cellulose, or viscose	G. Lund	60,309	Feb. 5	126	2182
Yeast	Aktienbrauerei zum Löwenbräu in München	59,913	Jan. 22	126	1349
Yeast	H. Bendix	60,059	Jan. 29	126	1767
Yeast	Royal Baking Powder Co.	63,538	June 25	128	3283
Yeast. Compressed	Fleischmann Co.	60,274	Feb. 5	126	2181
Yeast-powder and baking-powder	Rumford Chemical Works	60,394	Feb. 5	126	2185
Yeast. Powdered	R. O. Murphey	66,180	Nov. 12	131	687
Zinc. White	J. Lucas & Co.	60,277	Feb. 5	126	2181
Zinc. White	J. Lucas & Co.	60,278	Feb. 5	126	2181

ALPHABETICAL LIST OF LABELS.

Title.	Name.	No.	Date.	Official Gazette.	
				Volume.	Page.
"A. C. Hynd's Antiseptic Skin Tonic." (For an Antiseptic Skin-Tonic.)	A. C. H. Purita Co.....	13,790	Sept. 10	130	653
"A. H. S." (For Prepared Potted Beef)	A. H. Smith.....	13,901	Nov. 26	131	1159
"A Booklover's Notes." (For Note-Books)	C. S. Britton.....	13,647	July 2	129	477
"A Good Thing Look Into It." (For Paints)	Patterson Sargent Co.....	13,693	July 23	129	1607
"Abbott's Bitters." (For Bitters)	C. W. Abbott & Co.....	13,326	Jan. 22	126	1354
"Accurate Recorders." (For Time-Recorders, Watches, and Clocks.)	Newman Clock Co.....	13,415	Mar. 19	127	1251
"Admiral." (For Beer)	Gotham Lithographic Co.....	13,371	Feb. 19	126	3039
"Airopine." (For a Medicinal Paste)	S. I. Henderson.....	13,495	Apr. 23	127	3213
"Ak-Sar-Ben." (For Canned Sugar-Corn)	Martin & Nurse.....	13,799	Sept. 17	130	975
"Alaga." (For Syrup)	Alabama-Georgia Syrup Company.	13,332	Jan. 29	126	1773
"Alice Rose." (For Canned Corn)	Fernald, Keene and True Company.	13,699	July 30	129	2072
"Aliquippa Export Beer." (For Beer)	Mutual Union Brewing Company.	13,831	Oct. 15	130	2064
"Alonso Rejas." (For Cigars)	Alonso Rejas Co.....	13,820	Oct. 8	130	1686
"Alt Heidelberg Bräu." (For Beer)	Lexington Brewing Company.....	13,377	Feb. 26	126	3420
"Altbräu." (For Beer)	W. Bender, Jr.....	13,491	Apr. 23	127	3213
"Alvaro." (For Cigars)	L. W. Keyer.....	13,367	Feb. 19	126	3039
"Am-or-ou." (For a Proprietary Medical Remedy)	Penn Drug Company.....	13,591	June 4	128	2083
"American Dehydro Vegetable." (For Dehydrated Foods)	American Dehydrating Company.	13,766	Aug. 27	129	3499
"American Maid." (For Macaroni)	W. H. Hahn.....	13,527	May 7	128	453
"Amidina." (For Ointment)	D. Delino.....	13,767	Aug. 27	129	3499
"Amo Wheat Fibre Biscuit." (For a Breakfast Food of Cereal Grain.)	W. E. Williams.....	13,580	June 4	128	2083
"Amo Wheat Fibre." (For a Breakfast Food of Cereal Grain.)	W. E. Williams.....	13,579	June 4	128	2083
"Amo Wheat Fibre Cups." (For Breakfast Food of Cereal Grain.)	W. E. Williams.....	13,539	May 14	128	883
"Amosal." (For a Proprietary Medicine)	Imperial Pharmaceutical Co.....	13,380	Feb. 26	126	3420
"Annandale Rye." (For Whisky)	Parker-Blake Co.....	13,601	June 11	128	2527
"Annihilator." (For Stain-Removing Liquids)	J. Feigelson.....	13,732	Aug. 6	129	2498
"Anti-Wet Waterproof." (For Leather-Dressing)	C. G. Winfield.....	13,403	Mar. 12	127	845
"Appetigenum." (For a Medical Compound)	J. R. Avellanal.....	13,552	May 21	128	1289
"Arbiter Hand Plated Extra Superfine." (For Writing-Papers.)	White & Wyckoff Mfg. Co.....	13,342	Feb. 5	126	2187
"Arbiter Hand Plated Linen Fabric." (For Writing-Papers)	White & Wyckoff Mfg. Co.....	13,343	Feb. 5	126	2187
"Arbiter Hand Plated Vellum." (For Writing-Papers)	White & Wyckoff Mfg. Co.....	13,341	Feb. 5	126	2187
"Arbor Series Heliotrope." (For Soap)	Armour & Company.....	13,438	Apr. 2	127	1990
"Arbor Series Lilac." (For Soap)	Armour & Company.....	13,451	Apr. 2	127	1990
"Arbor Series Rose." (For Soap)	Armour & Company.....	13,444	Apr. 2	127	1990
"Arbor Series Violet." (For Soap)	Armour & Company.....	13,449	Apr. 2	127	1990
"Arbuckles' Certified Coffee." (For Coffee)	Arbuckle Bros.....	13,668	July 16	129	1265
"Arbuckles' Certified Coffee." (For Coffee)	Arbuckle Bros.....	13,850	Nov. 5	131	357
"Arcadia Heliotrope." (For Soap)	Armour & Company.....	13,445	Apr. 2	127	1990
"Arcadia Lilac." (For Soap)	Armour & Company.....	13,442	Apr. 2	127	1990
"Arcadia Rose." (For Soap)	Armour & Company.....	13,476	Apr. 16	127	2814
"Arcadia Sandalwood." (For Soap)	Armour & Company.....	13,475	Apr. 16	127	2814
"Arcadia Violet." (For Soap)	Armour & Company.....	13,447	Apr. 2	127	1990
"Ardmore Brand." (For Coffee)	Woolson Spice Company.....	13,919	Dec. 10	131	1684
"Artgum The Dry Cleaner and Massager." (For a Cleaning Composition.)	A. Sommer.....	13,480	Apr. 16	127	2814
"Asparagus Smyrna Fig Coffee." (For Coffee)	A. E. Crocker.....	13,428	Apr. 2	127	1090
"Asthma Oil Black." (For a Medicinal Preparation)	L. E. Moore.....	13,703	July 30	129	2072
"Asthma Oil Drops." (For a Medicinal Preparation)	L. E. Moore.....	13,704	July 30	129	2072
"Asthmaol." (For a Medicinal Preparation)	L. E. Moore.....	13,590	June 4	128	2083
"Atlas Brand." (For Spices)	Woolson Spice Company.....	13,865	Nov. 5	131	357
"Autocrat." (For Canned Fruits)	Burkenroad-Goldsmith Co.....	13,642	July 2	129	477
"Autocrat." (For Canned Vegetables)	Burkenroad-Goldsmith Co.....	13,645	July 2	129	477
"Autocrat." (For Canned Fish)	Burkenroad-Goldsmith Co.....	13,646	July 2	129	477
"Baker Bourbon." (For Whisky)	Frankfort Distillery.....	13,897	Nov. 26	131	1159
"Baker Rye." (For Whisky)	Frankfort Distillery.....	13,898	Nov. 26	131	1159
"Baking Powder." (For Baking-Powder)	Berlin Laboratory.....	13,424	Mar. 26	127	1576
"Ballard's Lady of the House Ideal Furniture Polish." (For Furniture-Polish.)	G. W. Ballard.....	13,665	July 9	129	868
"Balmo Embalming Fluid." (For an Embalming Fluid)	Portland Chemical Co.....	13,554	May 21	128	1289
"Balsam Sanitissue." (For Toilet-Paper)	A. H. Scott.....	13,388	Mar. 5	127	390
"Banquet Cake." (For Cake)	F. Hueber.....	13,406	Mar. 19	127	1251
"Banzai Pongee Handkerchiefs." (For Handkerchiefs)	Bacon Art Company.....	13,816	Oct. 1	130	1481
"Barne's Croup Grease." (For a Remedy for Croup)	National Chemical Company.....	13,483	Apr. 16	127	2814
"Baume Analgésique Bengué." (For Proprietary Medicines)	T. Seltzer.....	13,335	Jan. 29	126	1773
"Bayle's High Grade Horseradish Catsup." (For Catsup)	G. A. Bayle.....	13,462	Apr. 9	127	2392
"Bedford English Silver Polish." (For a Silver-Polish)	E. Schaefer.....	13,711	July 30	129	2072
"Behrens' Glyco Theion." (For a Soluble Sulfur Compound)	Theion Chemical Company.....	13,775	Sept. 3	130	297
"Bell's Sausage Seasoning." (For Spiced Sausage-Seasoning)	William G. Bell Company.....	13,788	Sept. 10	130	653
"Bell's Seasoning." (For Spiced Seasoning for Meat, Game, Fish, and Poultry.)	William G. Bell Company.....	13,787	Sept. 10	130	653
"Belmont Club." (For Catchup)	N. O. Harvey.....	13,405	Mar. 19	127	1251
"Big Jane." (For Baking-Powder)	Berlin Laboratory.....	13,423	Mar. 26	127	1576
"Birdwood Rye." (For Whisky)	M. Roth.....	13,908	Dec. 3	131	1418
"Bisco." (For a Baking Compound)	Berlin Laboratory.....	13,422	Mar. 26	127	1576
"Bishop's Original Cracker-Nut-Candy." (For a Confection)	F. P. Bishop.....	13,700	July 30	129	2072

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Title.	Name.	No.	Date.	Official Gazette.	
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"Blevins' American Dry Cleaner." (For a Cleaning Preparation.)	S. Blevins.....	13,382	Feb. 26	126	3420
"Blood of the Grape Champagne." (For Non-Intoxicating Beverages.)	Wilson Fruit Juice Co.....	13,299	Jan. 1	126	385
"Blossom Nectar." (For Honey).....	W. A. Selser.....	13,785	Sept. 10	130	653
"Bouquet au Lilac de France." (For Cologne).....	C. Rahayel.....	13,806	Sept. 24	130	1307
"Bowes-Allegretti Co. Bon Bons and Chocolates." (For Bon-bons and Chocolates.)	Bowes-Allegretti Co.....	13,797	Sept. 17	130	975
"Bowes-Allegretti Co. Chocolates." (For Chocolates).....	Bowes-Allegretti Co.....	13,796	Sept. 17	130	975
"Bowes-Allegretti Co. Milk Chocolates." (For Milk-Chocolates).....	Bowes-Allegretti Co.....	13,798	Sept. 17	130	975
"Brandt Self Honing." (For Razor-Strops).....	M. L. Brandt.....	13,621	June 18	128	2833
"Brandy-Book Charentais." (For Brandy).....	Syndicat des Viticulteurs des Charentes et de la Société Co-opérative annexe de Saintes.	13,842	Oct. 29	130	2716
"Bright-Spot." (For Beer).....	Joseph Junk Brewing Company..	13,623	June 25	128	3285
"Bromo-Mint." (For Medicine).....	F. P. Crotzer.....	13,902	Nov. 26	131	1159
"Buchu Gin." (For Gin).....	S. Hochstadter.....	13,600	June 11	128	2527
"Buchu Gin." (For Gin).....	Chas. Jacquin et Cie.....	13,805	Sept. 24	130	1307
"Buffalo Mead." (For a Carbonated Beverage).....	T. Brazell.....	13,811	Oct. 1	130	1481
"Bugles." (For Cranberries).....	Manomet Cranberry Co.....	13,681	July 23	129	1607
"Bunte." (For Chocolate and Cocoa).....	Bunte Brothers.....	13,948	Dec. 24	131	2142
"Bunte Brothers." (For Chocolate).....	Bunte Brothers.....	13,956	Dec. 31	131	2415
"Burk's Boiled Ham." (For Smoked and Cured Meats).....	L. Burk.....	13,694	July 30	129	2072
"Burk's Lunch Roll." (For Smoked and Cured Meats).....	L. Burk.....	13,695	July 30	129	2072
"Burn Salve." (For Ointments).....	Harris & Harris.....	13,399	Mar. 12	127	846
"Butnorip." (For Trousers).....	L. G. Titus.....	13,453	Apr. 2	127	1990
"California's Club Water." (For Mineral Water).....	T. P. Converse.....	13,507	Apr. 30	127	3639
"Candidate Club." (For Whisky).....	P. Goldberg.....	13,878	Nov. 19	131	939
"Canmalt." (For Whisky).....	Hazeltine & Perkins Drug Company.	13,474	Apr. 16	127	2814
"Canoe Girl." (For Candy).....	National Candy Company.....	13,702	July 30	129	2072
"Carnival." (For Canned Corn).....	Fernald, Keene and True Company.	13,698	July 30	129	2072
"Caswell's High Grade Coffee, Black and Orange Package." (For Coffee.)	George W. Caswell Co.....	13,565	May 28	128	1686
"Caswell's High Grade Coffee, Blue and Red Package." (For Coffee.)	George W. Caswell Co.....	13,563	May 28	128	1686
"Caswell's High Grade Coffee, Green and Red Package." (For Coffee.)	George W. Caswell Co.....	13,564	May 28	128	1686
"Caswell's High Grade Coffee, Yellow and Blue Package." (For Coffee.)	George W. Caswell Co.....	13,566	May 28	128	1686
"Celery Fizz." (For Carbonated Beverages).....	Central Bottling Co.....	13,670	July 16	129	1265
"Century Prints." (For Pictures).....	Century Co.....	13,778	Sept. 3	130	297
"Chinese." (For Soap).....	Michigan Soap Works.....	13,387	Mar. 5	127	390
"Choco-Sodo." (For Hot Chocolate).....	Runkel Brothers.....	13,879	Nov. 19	131	939
"Chocolate." (For Chocolate Goods).....	Bunte Brothers.....	13,840	Oct. 22	130	2369
"Clean All." (For a Preparation for the Removal of Dirt and Grease from Cloth.)	E. H. Nichols.....	13,938	Dec. 17	131	1938
"Clean-O Shampoo." (For a Shampoo Preparation).....	Michael Drug Co.....	13,807	Sept. 24	130	1307
"Clover Glen." (For Butter).....	G. A. Barber.....	13,301	Jan. 1	126	385
"Coca-Cola." (For a Non-Alcoholic Beverage).....	Coca Cola Co.....	13,298	Jan. 1	126	385
"Coco Cola." (For a Non-Alcoholic Beverage).....	Coco Cola Company.....	13,853	Nov. 5	131	357
"Cocoa Beans." (For Cocoa-Beans).....	Bunte Brothers.....	13,839	Oct. 22	130	2369
"Coffee." (For Coffee).....	B. Fischer & Co.....	13,780	Sept. 10	130	653
"Coffee." (For Coffee).....	B. Fischer & Co.....	13,781	Sept. 10	130	653
"Coffee." (For Coffee).....	B. Fischer & Co.....	13,782	Sept. 10	130	653
"Coffee." (For Coffee).....	B. Fischer & Co.....	13,783	Sept. 10	130	653
"Coffee." (For Coffee).....	B. Fischer & Co.....	13,784	Sept. 10	130	653
"Coldyettes." (For Medicated Candy or Cough-Drops).....	J. S. Hinckley.....	13,802	Sept. 17	130	975
"Collegian." (For Shoes for Men).....	E. B. Piekenbrock & Sons.....	13,953	Dec. 24	131	2142
"Collins Health Underwear." (For Underwear).....	W. E. Tillotson Manufacturing Company.	13,942	Dec. 17	131	1938
"Colomagna Water." (For Mineral Waters).....	Colomagna Springs Company.....	13,795	Sept. 17	130	975
"Common Sense Cathartic Gum." (For Chewing-Gum).....	Common Sense Gum Company.....	13,824	Oct. 8	130	1686
"Common Sense Cough Gum." (For Chewing-Gum).....	Common Sense Gum Company.....	13,826	Oct. 8	130	1686
"Compliments of the Season." (For Cigars).....	O. L. Schwencke Litho Co.....	13,751	Aug. 20	129	3158
"Compliments of the Season." (For Cigars).....	Schmidt & Co.....	13,856	Nov. 5	131	357
"Continent Brand." (For Hats).....	Jones Payne Hat Co.....	13,466	Apr. 9	127	2392
"Cordon Rouge." (For Champagne-Wine).....	G. H. Mumm & Co.....	13,315	Jan. 15	126	1062
"Cordon Rouge, G. H. Mumm & Co." (For Champagne-Wine.)	G. H. Mumm & Co.....	13,316	Jan. 15	126	1062
"Corn Crystals." (For a Cereal Food).....	Corn Crystal Company.....	13,425	Mar. 26	127	1576
"Costs-Analysis." (For Loose-Leaf Books).....	C. L. Schaar.....	13,804	Sept. 17	130	975
"Cottage Bread." (For Bread).....	Leonard Baking Company.....	13,516	Apr. 30	127	3639
"Creamegg." (For Confectioners' Paste).....	A. S. Burgess.....	13,738	Aug. 13	129	2856
"Crescent." (For Carbonated Non-Alcoholic Beverages).....	Scales, Wilson Company.....	13,833	Oct. 15	130	2064
"Crown-O." (For a Beverage).....	A. Feldman.....	13,314	Jan. 15	126	1062
"Curzon Complexion Cream." (For Complexion Cream or Paste.)	J. W. Hosler.....	13,358	Feb. 12	126	2587
"Cut-Vita Salve." (For a Salve).....	F. B. Clark & Company.....	13,887	Nov. 19	131	939
"Cutisol." (For an Ointment).....	J. H. S. O'Brien.....	13,305	Jan. 8	126	755
"Cuttle's Anti-Shrink Compound for Woolens." (For a Compound for Woolens.)	Home Laboratories.....	13,712	July 30	129	2072
"D. McG. Newcomer." (For Cigars).....	D. McG. Newcomer.....	13,612	June 18	128	2833
"Daisy." (For Beer).....	Garden City Brewery.....	13,928	Dec. 17	131	1938
"Daisy Bread." (For Bread).....	Charles Seip Baking Co.....	13,469	Apr. 16	127	2814
"Dander-Off." (For a Hair-Tonic and Dandruff Cure).....	C. Hughele.....	13,328	Jan. 22	126	1354
"Davis' Old Indian Cure." (For a Medicine).....	W. H. Davis.....	13,498	Apr. 23	127	3213
"Deep Sea Caviar." (For Caviar).....	F. Hansen.....	13,311	Jan. 13	126	1062
"Defiance Flour." (For Flour).....	M. S. Ayer & Co.....	13,303	Jan. 8	126	755
"Delaware Standard Damask." (For Damasks).....	F. C. Pinkham.....	13,792	Sept. 10	130	653
"Delicatess." (For Flour).....	George Urban Milling Co.....	13,330	Jan. 22	126	1354
"Delightful." (For Scouring-Soap).....	J. Guttradt.....	13,960	Dec. 31	131	2415
"Delson's Creosote with Hypophosphites." (For a Medicinal Preparation.)	J. Delson.....	13,739	Aug. 13	129	2856
"Dennis Kearney." (For Cigars).....	Symons-Kraussman Co.....	13,877	Nov. 19	131	939

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"Derma Viva." (For Toilet Preparations).....	Derma Viva Co.....	13,875	Nov. 12	131	689
"Dextrose." (For a Prepared Food for Infants and Invalids).....	Dextrose Food Co.....	13,472	Apr. 16	127	2814
"Diamond Special." (For Candy).....	Busy Bee Candy Co.....	13,786	Sept. 10	130	653
"Dick's Diamond Dust." (For Polishing-Powders).....	J. F. O'Brien.....	13,937	Dec. 17	131	1938
"Dime." (For Evaporated Apples).....	Wallerstein Produce Co.....	13,864	Nov. 5	131	357
"Dixon's Mica Oil." (For Mica-Oil).....	J. Q. Dixon.....	13,866	Nov. 5	131	357
"Do-No Liver, Kidney and Constipation Tablets." (For Medicine.).....	L. G. Denton.....	13,846	Oct. 29	130	2716
"Do-No Syrup." (For a Medicine).....	L. G. Denton.....	13,361	Feb. 12	126	2587
"Dr. I. H. Lewko's Antiseptic Tooth Paste." (For Tooth-Paste.).....	I. H. Lewkowicz.....	13,890	Nov. 19	131	939
"Dr. I. H. Lewko's Antiseptic Tooth Powder." (For Tooth-Powder.).....	I. H. Lewkowicz.....	13,889	Nov. 19	131	939
"Dr. I. H. Lewko's Antiseptic Tooth Wash." (For a Tooth-Wash Preparation.).....	I. H. Lewkowicz.....	13,891	Nov. 19	131	939
"Dr. J. O. Lambert's Anti-Consumptive Syrup." (For a Medicinal Compound.).....	Payette & Agnew.....	13,362	Feb. 12	126	2587
"Dr. French's-Quinsy-Kit." (For Medicine).....	W. F. Dunn.....	13,458	Apr. 9	127	2392
"Dr. French's-Quinsy-Kit." (For Medicine).....	W. F. Dunn.....	13,459	Apr. 9	127	2392
"Dr. French's-Quinsy-Kit." (For Medicine).....	W. F. Dunn.....	13,460	Apr. 9	127	2392
"Dr. Gottlieb Hermes' Universal Pills." (For Pills).....	F. J. Hermes.....	13,707	July 30	129	2072
"Dr. Hall's Seven Wonders Candy for Coughs, Colds, and Catarrh." (For a Medicated Confection.).....	Dr. A. C. Hall.....	13,641	July 2	129	477
"Dr. Hall's Seven Wonders Candy for Coughs, Colds and Catarrh." (For a Medicated Confection.).....	Dr. A. C. Hall.....	13,725	Aug. 6	129	2498
"Dr. Means' Pills." (For Pills).....	W. B. Means.....	13,910	Dec. 3	131	1418
"Dr. Perrin's Grippe, Cold and Pneumonia Cure." (For Medicine.).....	C. A. Perrin.....	13,588	June 4	128	2083
"Duco Smoking and Chewing Tobacco." (For Smoking and Chewing Tobacco.).....	Penn Tobacco Company.....	13,771	Sept. 3	130	297
"Duke of Navarre." (For Cigars).....	A. M. Zeilingold.....	13,559	May 28	128	1686
"Dunner's Ready Hardner." (For Hardening Liquidate).....	J. Dunner.....	13,759	Aug. 20	129	3158
"Dustdown." (For Powder to Clean Carpets, Rugs, and Floors).....	J. B. Fitch.....	13,502	Apr. 23	127	3213
"Dux Soap." (For Soap for the Complexion and Bath).....	Robert Hamilton & Son.....	13,530	May 7	128	453
"Early Blacks." (For Cranberries).....	Manomet Cranberry Co.....	13,683	July 23	129	1607
"Early Reds." (For Cranberries).....	Manomet Cranberry Co.....	13,684	July 23	129	1607
"Edwin Cigar Company's Cigars." (For Cigars).....	Edwin Cigar Co.....	13,610	June 18	128	2833
"El Acumo." (For Cigars).....	O. L. Schwencke Lithographic Co.....	13,715	Aug. 6	129	2498
"El Bario." (For Cigars).....	L. W. Keyer.....	13,505	Apr. 30	127	3639
"El Dora." (For Cigars).....	M. Grossman.....	13,404	Mar. 19	127	1251
"El Inspiro." (For Cigars).....	O. L. Schwencke Lithographic Co.....	13,392	Mar. 12	127	845
"El-Ko." (For Cigars).....	Schmidt & Co.....	13,859	Nov. 5	131	357
"El Orihena." (For Cigars).....	J. C. Johnston.....	13,455	Apr. 9	127	2392
"Elato." (For Cigars).....	Schmidt & Co.....	13,861	Nov. 5	131	357
"Electric Brand Bitters." (For Medicine).....	H. E. Bucklen & Company.....	13,324	Jan. 15	126	1062
"Electrosine." (For a Liquid Depilatory).....	B. Smith.....	13,306	Jan. 8	126	775
"Elk Brand." (For Meats).....	Northwestern Provision Company.....	13,696	July 30	129	2072
"Elk Brand." (For Shoes).....	G. A. Lutz.....	13,841	Oct. 22	130	2369
"Elston The Original Paint and Varnish Remover." (For a Varnish-Remover.).....	Chicago Wood Finishing Co.....	13,777	Sept. 3	130	297
"Eminence High Patent." (For Wheat-Flour).....	Leavenworth Milling Company.....	13,920	Dec. 10	131	1684
"Emulsicol." (For a Medicated Emulsion of Fats).....	C. E. Gates Co.....	13,583	June 4	128	2083
"Embärsöl." (For a Tonic Beverage).....	G. T. Lovegran.....	13,832	Oct. 15	130	2064
"Enterprise." (For Cigars).....	D. J. Borun.....	13,366	Feb. 19	126	3069
"Epsom Salt Tablets." (For a Medicine).....	H. G. Schmulling.....	13,932	Dec. 17	131	1938
"Estemento." (For Cigars).....	Schmidt & Co.....	13,873	Nov. 12	131	689
"Eucaethol." (For a Medicinal Preparation).....	Dr. R. R. McGregor.....	13,726	Aug. 6	129	2498
"Eupurgo." (For a Laxative Preparation).....	T. Seitzer.....	13,528	May 7	128	453
"Eureka Springs Mystic Spring Water." (For a Beverage).....	F. K. Turner.....	13,652	July 9	129	878
"Exquisite." (For Malt Liquors and Dark Beers).....	Fred Fell Brewing Company.....	13,457	Apr. 9	127	2392
"Extensol." (For Cigars).....	Schmidt & Co.....	13,872	Nov. 12	131	689
"Extyrpo." (For a Depilatory).....	B. Smith.....	13,431	Apr. 2	127	1990
"F. C. & Co. Fluffy Ruffles Parasols." (For Parasols).....	Follmer Clogg & Co., Inc.....	13,939	Dec. 17	131	1938
"F. C. & Co. Fluffy Ruffles Umbrella." (For Umbrellas).....	Follmer Clogg & Co., Inc.....	13,940	Dec. 17	131	1938
"Famous Stack." (For Cigars).....	O. A. Gallun.....	13,597	June 11	128	2527
"Farrell's Pride of Colorado Fancy Table Syrup." (For Table Syrup.).....	Farrell & Company.....	13,950	Dec. 24	131	2142
"Farrell's Wedding Breakfast Cane and Maple Sugar Syrup." (For Cane and Maple-Sugar Syrup.).....	Farrell & Company.....	13,949	Dec. 24	131	2142
"Feahney's Chief." (For Whisky).....	G. Bennett.....	13,317	Jan. 15	126	1062
"Feist Natural Gas Mantle." (For Incandescent Gas-Mantles).....	Feist Gas Mantle Mfg. Co.....	13,710	July 30	129	2072
"Ferro-China-Universale." (For Medical Preparations).....	A. Garguilo & Company.....	13,801	Sept. 17	130	975
"Fine Rollmops." (For Fish Prepared for the Market).....	S. Schmidt & Co.....	13,812	Oct. 1	130	1481
"Fleur De Lis Liquid Rouge, for Making a Ruby Complexion." (For Rouge).....	E. Bloch.....	13,629	June 25	128	3285
"Flying Diable." (For a Game Apparatus).....	E. C. Weeks.....	13,943	Dec. 17	131	1938
"Fort Dear-Born." (For Whisky).....	J. C. Johnston.....	13,930	Dec. 17	131	1938
"Fortune Teller Coffee." (For Coffee).....	James Heekin Co.....	13,849	Nov. 5	131	357
"Fosforat." (For a Rat, Mouse, and Vermin Exterminator).....	Fosforat Co.....	13,603	June 11	128	2527
"Franklin's 44 Tonic." (For a Liquid Tonic for the Cure of Chills, Fever, Colds, and La Grippe.).....	F. L. George.....	13,553	May 21	128	1289
"Frickel Nocksem-All." (For Cleaning Compound).....	H. Frickel.....	13,435	Apr. 2	127	1990
"Funke's Bitter Sweet Chocolates." (For Candy).....	J. B. Funke Co.....	13,672	July 16	129	1265
"Funke's Chocolates—Juvenile." (For Candy).....	J. B. Funke Co.....	13,640	July 2	129	477
"Funke's Chocolates—Royal Crown." (For Candy).....	J. B. Funke Co.....	13,674	July 16	129	1265
"Funke's Milk Chocolate Cremes." (For Candy).....	J. B. Funke Co.....	13,673	July 16	129	1265
"Funke's Western Beauty Chocolates." (For Candy).....	J. B. Funke Co.....	13,671	July 16	129	1265
"G. M. P." (For Medical and Surgical Purposes).....	Physicians Chemical and Drug Company.....	13,661	July 9	129	868
"General v Moitke." (For Malt Extract).....	Paragon Malt Extract Co.....	13,754	Aug. 20	129	3158
"Get Rosy Malt." (For Malt Liquors).....	P. Clark.....	13,395	Mar. 12	127	845
"Gilt Edge." (For a Metal-Polish).....	A. H. Cross.....	13,390	Mar. 5	127	390
"Ginger Cake Molasses." (For Molasses).....	Berry, Maybrun Co.....	13,470	Apr. 16	127	2814
"Ginger Porter." (For Carbonated Beverages).....	Central Bottling Co.....	13,669	July 16	129	1265

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"Ginseng." (For Beverages)	Ginseng Products Company.....	13,376	Feb. 26	126	3420
"Ginseng." (For Beverages)	Ginseng Products Company.....	13,708	July 30	129	2072
"Gold King." (For Canned Tomatoes)	Zeigler Bros. Canning Co.....	13,353	Feb. 12	126	2557
"Gold Medal." (For Butter)	K. C. Eldridge.....	13,550	May 21	128	1289
"Gold Nugget." (For Bottled Beer)	Black Hills Brewing Co.....	13,535	May 14	128	883
"Gold Nugget Extra Fine Special Beer." (For Bottled Beer)	Black Hills Brewing Co.....	13,534	May 14	128	883
"Gold Nugget Extra Fine Special Brew." (For Beer)	Black Hills Brewing Co.....	13,533	May 14	128	883
"Golden Gate Ginger Ale." (For Ginger-Ale)	T. Kornahrens.....	13,532	May 14	128	883
"Golden Harvest." (For Cigars)	A. C. Henschel & Co.....	13,793	Sept. 17	130	975
"Golden Sun Brand." (For Spices)	Woolson Spice Company.....	13,624	June 25	128	3285
"Golden Top." (For Ginger-Ale)	American Bottling Co.....	13,297	Jan. 1	126	385
"Good Health." (For Coffee)	E. J. Gillies & Co.....	13,869	Nov. 12	131	689
"Good Luck." (For Cigars)	O. L. Schwencke Lithographic Co.....	13,418	Mar. 26	127	1576
"Gorman's Square Deal." (For Red Salmon)	Gorman & Company.....	13,679	July 23	129	1607
"Gossip Chop." (For Tea)	Upham Bro's.....	13,947	Dec. 24	131	2142
"Great American." (For Cigars)	O. L. Schwencke Lithographic Co.....	13,917	Dec. 10	131	1684
"Green Turtle." (For Cigars, Cheroots, and Tobacco)	Gordon Cigar & Cheroot Company, Inc.....	13,762	Aug. 27	129	3499
"Grippura, (Germ-Destroyer)." (For a Proprietary Medicine)	A. Crichton.....	13,886	Nov. 19	131	939
"Guarantida." (For Medicine)	S. Koppel.....	13,409	Mar. 19	127	1251
"Guarantee." (For Cigars)	Schmidt & Co.....	13,906	Dec. 3	131	1418
"Guaranteed Coffee." (For Coffee)	James Heekin Co.....	13,638	July 2	129	477
"H & L Sanitas Soft Finish Gentlemen's Handkerchiefs." (For Handkerchiefs)	Bacon Art Company.....	13,817	Oct. 1	130	1451
"Haymake Flexible Floor Finish." (For Paints)	H. H. Hays Sons.....	13,666	July 9	129	868
"Hee Haw." (For Chewing-Tobacco)	Victor Tobacco Company.....	13,503	Apr. 30	127	3639
"Helen's Famous Lotion." (For Hair-Lotion)	H. and D. Kerns.....	13,745	Aug. 13	129	2856
"Hercules." (For Lamp-Chimneys)	O. S. Kulman.....	13,692	July 23	129	1607
"Himalia Tonic." (For Medicine)	C. O. F. Burkstrom.....	13,398	Mar. 12	127	845
"Hires." (For Root-Beer and Root-Beer Extract)	Charles E. Hires Company.....	13,549	May 21	128	1259
"Hirsutol." (For a Hair-Tonic)	H. S. Chemical Co.....	13,690	July 23	129	1607
"Hombrew." (For Beer)	Home Brewing & Ice Co.....	13,896	Nov. 26	131	1159
"Home Malt Tonic." (For a Malt Beverage)	Home Brewing & Ice Co.....	13,909	Dec. 3	131	1418
"Hop Brand." (For Beer)	Klausmann Brewery Branch of the St. Louis Brewing Association.....	13,686	July 23	129	1607
"Hop Bud." (For Beer)	Klausmann Brewery Branch of the St. Louis Brewing Association.....	13,350	Feb. 12	126	2587
"Horlacher 9 Months Old." (For Beer)	F. H. Horlacher.....	13,852	Nov. 5	131	357
"Howes." (For Cranberries)	Manomet Cranberry Co.....	13,685	July 23	129	1607
"Hy-Aifa." (For Hair Discovery)	J. S. Patton.....	13,321	Jan. 15	126	1062
"Hyball Ginger Ale." (For Ginger-Ale)	Sethness Company.....	13,851	Nov. 5	131	357
"Hydrona." (For a Complexion-Powder)	A. W. Leaman.....	13,813	Oct. 1	130	1481
"Hybrosolona Mixture." (For a Medicine)	R. W. Culver.....	13,497	Apr. 23	127	3213
"Ido." (For a Beverage)	Home Brewing & Ice Co.....	13,899	Nov. 26	131	1159
"Imperial Derma-Food." (For Massage-Cream)	N. D. Haskell.....	13,729	Aug. 6	129	2498
"In-Sen-Zum, Makes Home Sweet Home Sweetener." (For an Incense Preparation)	L. V. Aronson.....	13,892	Nov. 19	131	939
"Indian Knox All Soap." (For Soap)	E. L. N. Steen.....	13,757	Aug. 20	129	3158
"Iwanit." (For Cane-Juice)	Louisiana Molasses Co. Ltd.....	13,737	Aug. 13	129	2856
"J. & H. Cup Quality." (For Roasted Coffee)	James & Hug.....	13,843	Oct. 29	130	2716
"Jap Kote Stain." (For Stains)	C. Sternschuss & Co.....	13,592	June 4	128	2083
"Jarvis' Vitality Cocktail." (For Cocktails)	H. C. Jarvis.....	13,578	June 4	128	2083
"Jersey Queen." (For Condensed Milk)	Nooksack Valley Condensed Milk Company.....	13,772	Sept. 3	130	297
"Jerusalem Herbs." (For Medicine)	I. Katz.....	13,755	Aug. 20	129	3158
"Jewel." (For Cigars)	Travelers Cigar Co.....	13,632	June 25	128	3285
"Jewel Cement." (For a Cement)	E. B. Channell.....	13,829	Oct. 8	130	1686
"Joe Cannon." (For Cigars)	R. Kline.....	13,761	Aug. 27	129	3499
"Juan Marco." (For Cigars)	H. Hoklas & Son.....	13,649	July 9	129	868
"Judge Gaynor Cigars." (For Cigars)	R. Eppstein and A. Wander.....	13,334	Jan. 29	126	1773
"Judge Quality." (For Cigars)	P. C. Wigenhorn.....	13,868	Feb. 19	126	3039
"Just Right." (For Cigars)	O. L. Schwencke Lithographic Co.....	13,416	Mar. 26	127	1576
"K. B. C. Bohemian." (For Beer)	Kittanning Brewing Co.....	13,509	Apr. 30	127	3639
"Kaffee Klatsch." (For Coffee)	Berlin Laboratory.....	13,421	Mar. 26	127	1576
"Kafir Blood and Nerve Tablets." (For Medicine)	R. H. Shepherd.....	13,835	Oct. 15	130	2064
"Kampus Klothes." (For Young Men's Clothing)	H. J. Brock.....	13,468	Apr. 9	127	2392
"Kardos." (For a Beverage)	R. Horwitz Distilling Co.....	13,614	June 18	128	2833
"Karimon Coffee." (For Coffee)	Karimon Coffee Co.....	13,717	Aug. 6	129	2498
"Karlen's Keystone Scalp Massage and Shampoo." (For a Scalp Preparation)	Karlen Mfg. Co.....	13,478	Apr. 16	127	2814
"Katarol." (For a Medicinal Preparation)	I. C. Schimelfenig.....	13,845	Oct. 29	130	2716
"Kidney Renovator and System Builder." (For Medicine)	C. D. Steiny.....	13,727	Aug. 6	129	2498
"Killea." (For Dog-Soap)	G. W. Clayton.....	13,400	Mar. 12	127	845
"King Cough Cure." (For a Cough Cure)	J. D. and J. J. Dugan.....	13,728	Aug. 6	129	2498
"King of Bitter Sweets." (For Candy)	American Candy Company.....	13,485	Apr. 23	127	3213
"King Philip Bleaching Water." (For Bleaching-Water)	O. St. Denis.....	13,911	Dec. 3	131	1418
"Klean-All." (For a Cleaning-Powder)	R. L. Taylor.....	13,319	Jan. 15	126	1062
"Kleeneen." (For a Fluid for the Removal of Grease Stains and Spots)	S. S. Walstrum.....	13,481	Apr. 16	127	2814
"Klim." (For a Nourishing Beverage)	L. H. Nealy.....	13,719	Aug. 6	129	2498
"Kremlin Russian Cigarettes M'fg by Vladimir F. Gnesin 'The Russian Store.'" (For Cigarettes)	V. F. Gnesin.....	13,945	Dec. 24	131	2142
"La Buna." (For Cigars)	A. C. Henschel & Co.....	13,924	Dec. 17	131	1938
"La Cremeta." (For Cigars)	A. C. Henschel & Co.....	13,635	July 2	129	477
"La Fregata." (For Cigars)	A. C. Henschel & Co.....	13,926	Dec. 17	131	1938
"La Imperiale Bouquet." (For Cigars)	McLean Cigar Mfg. Co.....	13,944	Dec. 24	131	2142
"La Kyma." (For Cigars)	J. I. Edelman.....	13,648	July 9	129	868
"La Mavita." (For Cigars)	A. C. Henschel & Co.....	13,636	July 2	129	477
"La Morenda." (For Cigars)	A. C. Henschel & Co.....	13,927	Dec. 17	131	1938
"La Posa." (For Cigars)	A. C. Henschel & Co.....	13,925	Dec. 17	131	1938
"La Princesse Therese." (For Talcum and Toilet Powder)	C. Tetlow.....	13,320	Jan. 15	126	1062
"La Sano." (For Cigars)	Schmidt & Co.....	13,818	Oct. 8	130	1686

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"La Ultreza." (For Cigars)	O. L. Schwencke Lithographic Co.	13,393	Mar. 12	127	845
"Lady Slipper." (For Chocolates)	W. A. Whitelaw & Co.	13,561	May 28	128	1686
"Lakewood Spring Water." (For Spring-Water)	E. O. Foot	13,567	May 28	128	1686
"Las Dos Naciones." (For Cigars)	Las Dos Naciones Cigar Co.	13,486	Apr. 23	127	3213
"Late Blacks." (For Cranberries)	Manomet Cranberry Co.	13,682	July 23	129	1607
"Late Reds." (For Cranberries)	Manomet Cranberry Co.	13,680	July 23	129	1607
"Lava—A Remedy for All Tree and Plant Diseases." (For Plant-Fertilizers.)	J. J. Ruegg	13,331	Jan. 22	126	1354
"Lava Salt-Herbs." (For Preparation of Meats and Vegetable Soups.)	J. J. Ruegg	13,844	Oct. 29	130	2716
"Lava Soup." (For a Remedy in Stomach Troubles)	J. J. Ruegg	13,874	Nov. 12	131	689
"Lava Tea." (For a Preparation for the Nerves and Brain)	J. J. Ruegg	13,862	Nov. 5	131	357
"Lehigh Valley Club Whiskey." (For Whisky)	Old Town Distilling Co.	13,378	Feb. 26	126	3420
"Levey Americas Greatest Cleanser and Dyer." (For a Fluid Cleaning Compound.)	H. Levey	13,544	May 14	128	883
"Lightning Gold & Silver Polish." (For a Gold and Silver Polish.)	F. F. Spinney	13,543	May 14	128	883
"Lightning Star." (For a Dressing for Pianos, Automobiles, Carriages, Hacks, and All Kinds of Furniture.)	J. Gaoutte	13,847	Oct. 29	130	2716
"Lincks." (For Cigars)	Schmidt & Co.	13,349	Feb. 12	126	2587
"Lincoln Hair Pomade." (For a Hair Preparation)	P. C. Bilisoly	13,774	Sept. 3	130	297
"Lion Washing Powder." (For Washing-Powder)	R. H. Keagy	13,426	Mar. 26	127	1576
"Lipton's Gossip Blend Kaffee-Klatsch Coffee." (For Coffee)	T. J. Lipton	13,370	Feb. 19	126	3039
"Liquid Bread." (For Beer)	Thomas Ryan's Consumers' Brewing Co.	13,547	May 21	128	1289
"Liquid Bread." (For Ale)	Thomas Ryan's Consumers' Brewing Co.	13,548	May 21	128	1289
"Liquid Voicelets." (For a Medicinal Compound)	Grandfathers Cure Co.	13,934	Dec. 17	131	1938
"Listerated Pepsin Gum." (For Chewing-Gum)	Common Sense Gum Company	13,825	Oct. 8	130	1686
"Little Beauty." (For Babies' Headgear)	M. Mayer	13,760	Aug. 20	129	3158
"Little Hi." (For Cigars)	R. Mack	13,734	Aug. 13	129	2856
"Little Sweet Heart Pepsin Gum." (For Chewing-Gum)	L. F. Jordan	13,351	Feb. 12	126	2587
"Little Sweet Heart Pepsin Gum." (For Chewing-Gum)	L. F. Jordan	13,352	Feb. 12	126	2587
"Loading Cocoa Beans." (For Cocoa-Beans)	Bunte Brothers	13,838	Oct. 22	130	2369
"Lorcer, good for all belts leather and rubber." (For a Dressing to Stop the Slipping of Belts.)	A. Sommer	13,713	July 30	129	2072
"Loreley Hair Tonic." (For Hair-Tonic)	C. Schnepf	13,322	Jan. 15	126	1062
"Lotiol." (For a Medicated Oily Lotion)	C. E. Gates Co.	13,627	June 25	128	3285
"Louvre Glanz." (For Liquid for Finishing, Restoring, and Preventing the Cracking of Oil Paintings.)	L. Mendel	13,482	Apr. 16	127	2814
"Lowney's Assorted Chocolates." (For Confectionery)	W. M. Lowney Co.	13,536	May 14	128	883
"Lowney's Assorted Chocolates." (For Confectionery)	W. M. Lowney Co.	13,537	May 14	128	883
"Lowney's Assorted Chocolates." (For Confectionery)	W. M. Lowney Co.	13,538	May 14	128	883
"Lydia E. Pinkham's Blood Purifier." (For Medical Compounds for the Purification of the Blood.)	Lydia E. Pinkham Medicine Company.	13,569	May 28	128	1686
"Lydia E. Pinkham's Blood Purifier." (For Medical Compounds for the Purification of the Blood.)	Lydia E. Pinkham Medicine Company.	13,570	May 28	128	1686
"Lydia E. Pinkham's Sanative Wash." (For Medical Preparations for Women's Use.)	Lydia E. Pinkham Medicine Co.	13,935	Dec. 17	131	1938
"Lydia E. Pinkham's Vegetable Compound." (For Medicine)	Lydia E. Pinkham Medicine Co.	13,432	Apr. 2	127	1990
"Lydia E. Pinkham's Vegetable Compound." (For Medicine)	Lydia E. Pinkham Medicine Co.	13,433	Apr. 2	127	1990
"Mack Mahon's Diamond Back Oil." (For a Medicinal Oil)	J. M. Mahon	13,904	Nov. 26	131	1159
"Madam De'Savon's Ponce De Leon New Thought Toilet Articles." (For Face-Powder, Cream, Cream-Jelly, Foot-Comfort, and Hair-Tonic.)	C. D. Schureman	13,572	May 28	128	1686
"Madame Elise Inimitable Perfection Skin Food." (For Massage-Cream.)	E. T. McCann	13,773	Sept. 3	130	297
"Magic Salve." (For Salve)	D. M. Anderson	13,529	May 7	128	453
"Magicure." (For Ointment for Stock)	C. A. McIntosh	13,585	June 4	128	2083
"Mapleine' an Imitation of Maple Syrup." (For a Syrup Made to Imitate Maple-Syrup.)	Grandmother's Mush Company.	13,721	Aug. 6	129	2498
"Mars." (For Cigars)	Best & Russell Company	13,613	June 18	128	2833
"Marvello." (For a Medicine)	Marvello Co.	13,583	June 4	128	2083
"Ma's Favorite." (For Starch)	A. F. Hogue	13,464	Apr. 9	127	2392
"Mat's Body Polish." (For Polish)	M. Weiss	13,733	Aug. 6	129	2498
"McKay's King of Oils." (For a Medical Composition)	T. A. McKay	13,461	Apr. 9	127	2392
"Medrona, Essence of Mildness Cigars." (For Cigars)	Central Lithograph Co.	13,318	Jan. 15	126	1062
"Men's Apparel." (For Men's Apparel)	W. C. Both	13,364	Feb. 12	126	2587
"Men's Apparel." (For Men's Apparel)	W. C. Both	13,412	Mar. 19	127	1251
"Mentholum." (For an External Remedy for the Relief of All Inflammations.)	Mentholum Co.	13,620	June 18	128	2833
"Mentholum." (For a Salve)	Mentholum Company	13,903	Nov. 26	131	1159
"Mexican Commerce." (For Cigars)	P. P. Martinez	13,871	Nov. 12	131	689
"Mi Novia." (For Cigars)	Park & Tilford	13,487	Apr. 23	127	3213
"Mi Novia." (For Cigars)	Park & Tilford	13,488	Apr. 23	127	3213
"Mi Perla." (For Cigars)	O. L. Schwencke Lithographic Co.	13,714	Aug. 6	129	2498
"Miladi." (For Candy)	Douglas Candy Company	13,882	Nov. 19	131	939
"Miladies Petticoats." (For Ladies' and Misses' Petticoats and Skirts)	S. J. Jackson	13,750	Aug. 13	129	2856
"Mint-Seltzer." (For Granular Effervescent Salts)	Buffalo Pharmacal Co.	13,345	Feb. 5	126	2187
"Mira." (For Perfumery)	H. Mack	13,689	July 23	129	1607
"Monibak." (For Coffee)	American Pure Coffee & Spice Company.	13,639	July 2	129	477
"Monibak." (For Spices)	American Pure Coffee & Spice Company.	13,656	July 9	129	868
"Monibak." (For Flavoring Extracts)	American Pure Coffee & Spice Company.	13,657	July 9	129	868
"Monibak." (For Baking-Powder)	American Pure Coffee & Spice Company.	13,658	July 9	129	868
"Monty Krysto." (For a Preparation for the Hair)	J. Montague	13,952	Dec. 24	131	2142
"Morning Dawn." (For Canned Vegetables)	L. Hower	13,676	July 16	129	1265
"Morse's Napoleon Chocolates." (For Chocolates)	A. G. Morse Company	13,753	Aug. 20	129	3158
"Mrs. M. G. Brown's Poor Richard Eye Water." (For an Eye-Water.)	F. A. Mosebach	13,617	June 18	128	2833
"Munson's Ye-Ti-Va Remedy." (For Medicine)	J. G. Munson	13,959	Dec. 31	131	2415

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"Muscle Culture Gum." (For Chewing-Gum).....	Common Sense Gum Company.....	13,827	Oct. 8	130	1686
"Myers' Pa-Pay-A Tablets." (For Medicine).....	F. S. Myers.....	13,410	Mar. 19	127	1251
"Myomy." (For Toilet-Tissue).....	John Hoberg Co.....	13,595	June 4	128	2083
"Native Purity." (For Pure Bread Extract).....	National Malterine Company.....	13,637	July 2	129	477
"Nedra." (For Tea).....	Arbuckle Brothers.....	13,810	Oct. 1	130	1481
"New England Washing & Bleaching Water." (For a Bleaching Liquid.).....	Raymond S. Bottling Co.....	13,791	Sept. 10	130	653
"New State Brand Coffee." (For Coffees).....	Oklahoma Coffee Co.....	13,736	Aug. 13	129	2856
"Newleans." (For Syrup).....	Columbia Coffee Mills.....	13,562	May 28	128	1686
"Night Cap Whiskey." (For Whisky).....	J. Reusch.....	13,508	Apr. 30	127	3639
"Night Gowns, S. J. U. Co." (For Night-Gowns).....	South Jersey Underwear Company.....	13,452	Apr. 2	127	1990
"Nirvana." (For Game-Boards).....	E. J. Bond.....	13,557	May 21	128	1289
"Noble Grand." (For Cigars).....	J. O. Zuch.....	13,521	May 7	128	453
"Non-Such." (For Punch).....	Non-Such Pure Food Company.....	13,598	June 11	128	2527
"Non-Such." (For Ginger-Ale).....	Non-Such Pure Food Company.....	13,599	June 11	128	2527
"None Such Furniture & Floor Polish." (For a Polish for Furniture and Floors.).....	G. W. Saums.....	13,912	Dec. 3	131	1418
"Old Colony." (For Cigars).....	L. W. Keyer.....	13,504	Apr. 30	127	3639
"Old German Lager." (For Beer).....	Wilmanns Bros. Co.....	13,946	Dec. 24	131	2142
"Old Log Cabin." (For a Liquid Medical Compound for Coughs and Colds.).....	S. W. Williams.....	13,885	Nov. 19	131	939
"Old Pfister's Life Elixir." (For a Medicine).....	Hansen & Aagaard.....	13,515	Apr. 30	127	3639
"Or-Pho-So Orange Phosphate." (For Orange Phosphate).....	W. H. Bartholomew.....	13,523	May 7	128	453
"Orela." (For Cigars).....	O. L. Schwencke Lithographic Co.....	13,417	Mar. 26	127	1576
"Oriental." (For Brooms).....	Lee Broom & Duster Company.....	13,605	June 11	128	2527
"Oriental Bath Aroma." (For a Perfume for the Bath).....	Elite Perfume Co.....	13,542	May 14	128	883
"Oriental Ointment." (For a Medicinal Ointment).....	H. A. Ingmand.....	13,705	July 30	129	2072
"Original Jolly Fellows Pepsin Gum." (For Chewing-Gum).....	W. J. Paul.....	13,883	Nov. 19	131	939
"Ortega's Selected Peeled Green Chiles." (For Peeled Green Chiles.).....	E. C. Ortega.....	13,881	Nov. 19	131	939
"Osolyte." (For Brooms).....	Lee Broom & Duster Company.....	13,606	June 11	128	2527
"Our Favorite" Enamel Bronzing Liquid." (For a Bronzing Liquid.).....	Gerstendorfer Bros.....	13,339	Jan. 29	126	1773
"Oval." (For Shears).....	Acme Shear Company.....	13,913	Dec. 3	131	1418
"Oysters." (For Canned Oysters).....	A. Booth & Company.....	13,357	Feb. 12	126	2587
"P. S. Alegretas Soft Creams." (For Candy).....	P. Smierles.....	13,333	Jan. 29	126	1773
"P. & T. English Breakfast Tea." (For English Breakfast-Tea.).....	Park & Tilford.....	13,307	Jan. 15	126	1062
"P. & T. Formosa Oolong Tea." (For Formosa Oolong Tea).....	Park & Tilford.....	13,309	Jan. 15	126	1062
"P. & T. Orange Pekoe Ceylon Tea." (For Orange Pekoe Ceylon Tea.).....	Park & Tilford.....	13,308	Jan. 15	126	1062
"Pabu-Buchu Pure Gin." (For Gin).....	A. Forbes.....	13,794	Sept. 17	130	975
"Pain King." (For a Cough Cure).....	F. B. Clark & Company.....	13,884	Nov. 19	131	939
"Palace Bouquet." (For Cigars).....	Schmidt & Co.....	13,860	Nov. 5	131	357
"Palatone." (For a Soft Beverage).....	Palatone Bottling Co.....	13,653	July 9	129	868
"Palmetto Corn." (For Corn Whisky).....	G. E. Payne & Co.....	13,650	July 9	129	868
"Palmetto Rye." (For Rye Whisky).....	G. E. Payne & Co.....	13,651	July 9	129	868
"Pan-Dandy." (For Bread).....	S. E. Loveless.....	13,526	May 7	128	453
"Panama Ant Poison." (For an Insecticide).....	C. A. Walsdorf.....	13,573	May 28	128	1686
"Paramount Massage Cream and Skin Food." (For a Massage-Cream and Skin Food.).....	O. J. Walber.....	13,323	Jan. 15	126	1062
"Paride's Treasure." (For Medicine).....	P. Grasso.....	13,325	Jan. 15	126	1062
"Pay Car Overalls." (For Overalls).....	Meinhard, Schaul and Co.....	13,558	May 21	128	1289
"Pecora Cuticle Enamel." (For Enamel for Exterior and Interior Work.).....	Pecora Paint Co. S. Bowen's Son Successor.....	13,555	May 21	128	1289
"Penn's High Grade Smoking and Chewing Tobacco." (For Smoking and Chewing Tobacco.).....	Penn Tobacco Company.....	13,770	Sept. 3	130	297
"Pennsy Select Beer." (For Beer).....	Mutual Union Brewing Company.....	13,830	Oct. 15	130	2064
"People's." (For Cigarettes).....	Ph. Kassel Co.....	13,489	Apr. 23	127	3213
"Perfection Peanut Butter." (For Peanut-Butter).....	E. W. Place.....	13,675	July 16	129	1265
"Perspire." (For Toilet Powder).....	A. R. Lieb.....	13,803	Sept. 17	130	975
"Peter's Nutro Bread." (For Bread).....	A. Peter.....	13,517	Apr. 30	127	3639
"Phar-O." (For Embalming Fluid).....	Slifer Chemical Company.....	13,484	Apr. 16	127	2814
"Phillips' Great Wahoo." (For Medicine).....	L. Z. Phillips.....	13,496	Apr. 23	127	3213
"Phosigna." (For Medicine).....	Barnes-Hart Company.....	13,618	June 18	128	2833
"Piedmont Brand." (For Coffee).....	Woolson Spice Company.....	13,654	July 9	129	868
"Pilgrim Brand." (For Citrus Fruits).....	R. J. Richardson.....	13,625	June 25	128	3285
"Pineozone." (For a Medicinal Paste).....	S. I. Henderson.....	13,327	Jan. 22	126	1354
"Pinozone." (For a Medicinal Preparation).....	Lakewood Pine Co.....	13,363	Feb. 12	126	2587
"Pioneer." (For Lager-Beer).....	John Gund Brewing Company.....	13,473	Apr. 16	127	2814
"Plymouth Rock Coffee Jelly Compound." (For Coffee-Jelly Compounds.).....	Plymouth Rock Gelatine Co.....	13,429	Apr. 2	127	1990
"Poland." (For Canned Corn).....	Fernald, Keene and True Company.....	13,697	July 30	129	2072
"Pop's Corn Starch." (For Corn-Starch).....	J. C. Hubinger Bros. Co.....	13,581	June 4	128	2083
"Pratts Liquid Spavin Remedy." (For a Liquid Spavin Remedy.).....	Pratt Food Co.....	13,744	Aug. 13	129	2856
"Preferito." (For Cigars).....	Schmidt & Co.....	13,855	Nov. 5	131	357
"Premium B-I-G 5-3 Cord." (For Thread and Spool-Cotton).....	Bullard Thread Co.....	13,465	Apr. 9	127	2392
"Presto." (For a Silver-Cleaner).....	Presto Mfg. Co.....	13,867	Nov. 5	131	357
"Presto Buckle." (For Buckles).....	Jacob & Brown.....	13,667	July 9	129	868
"Pride of Ohio." (For Canned Corn).....	Fayette Canning Company.....	13,644	July 2	129	477
"Pride of Ohio." (For Canned Tomatoes).....	Fayette Canning Company.....	13,643	July 2	129	477
"Princesa." (For Cigars).....	O. L. Schwencke Lithographic Co.....	13,918	Dec. 10	131	1684
"Prize Elk." (For Cigars).....	O. L. Schwencke Lithographic Co.....	13,916	Dec. 10	131	1684
"Professional Tooth Paste." (For Tooth-Paste).....	Reynolds & Lehr.....	13,616	June 18	128	2833
"Protection." (For Cigars).....	Heinemann Brothers.....	13,895	Nov. 26	131	1159
"Punch-I-Nello." (For Soft Drinks).....	W. E. Borden.....	13,955	Dec. 31	131	2415
"Pur-It-Is Toilet Water." (For Toilet Water).....	Pur-it-is Mfg. Co.....	13,510	Apr. 30	127	3639
"Pure Food Brand Extra Fancy Cream Sugar Corn." (For Canned Corn.).....	T. Roberts & Co.....	13,356	Feb. 12	126	2587
"Pure Food Brand Garden Grown Sifted Pease." (For Canned Peas.).....	T. Roberts & Co.....	13,355	Feb. 12	126	2587
"Pure Food Brand Tomatoes." (For Canned Tomatoes).....	T. Roberts & Co.....	13,354	Feb. 12	126	2587

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"Purello." (For Cigars).....	Schmidt & Co.....	13,857	Nov. 5	131	357
"Purita Never-Grey Hair Tonic." (For Hair-Tonic).....	A. C. H. Purita Co.....	13,888	Nov. 19	131	939
"Purity Bath." (For a Toilet Deodorant).....	M. W. Kent.....	13,863	Nov. 5	131	357
"Purock Ginger Ale." (For Ginger-Ale).....	Charles E. Hires Company.....	13,456	Apr. 9	127	2392
"Pyrronol." (For Mouth-Wash).....	Pyrronol Co.....	13,396	Mar. 12	127	845
"Queen Alexandrias of Judea." (For Cold-Cream).....	J. L. De Zeabault and Co.....	13,494	Apr. 23	127	3213
"Quick Death." (For a Disinfectant and Insecticide).....	World Disinfecting & Insecticide Co.....	13,828	Oct. 8	130	1686
"Quickheal." (For Ointments for External Use for Subduing Inflammation.).....	E. Doolittle.....	13,876	Nov. 12	131	689
"Radiator Bronzing Liquid." (For a Bronzing Liquid).....	Gerstendorfer Bros.....	13,340	Jan. 29	126	1773
"Rainbow Starch." (For Laundry Starch).....	J. C. Hubinger Bros. Co.....	13,664	July 9	129	868
"Rainier Beer." (For Beer).....	Seattle Brewing & Malting Company.....	13,546	May 21	128	1289
"Ramon Pinto." (For Cigars).....	Alexander & Zenn.....	13,329	Jan. 22	126	1354
"Recordite." (For a Preparation for Cleaning, Preserving, Polishing, and Lubricating Disk Talking-Machine Records.).....	J. A. Manahan.....	13,383	Feb. 26	126	3420
"Recordol." (For Cleaning, Preserving, Polishing, and Lubricating Preparation.).....	J. A. Manahan.....	13,402	Mar. 12	127	845
"Red Band." (For Cigars).....	C. B. Herschel Mfg. Co.....	13,914	Dec. 10	131	1684
"Red Diamond." (For Boots and Shoes).....	A. H. Berry Shoe Company.....	13,413	Mar. 19	127	1251
"Red-Moon." (For an Eye-Tonic).....	J. S. Patton.....	13,768	Aug. 27	129	3499
"Regalager Lager Beer Label." (For Lager-Beer).....	J. N. Wood.....	13,718	Aug. 6	129	2498
"Reina de Los Angeles." (For Wines and Brandies).....	T. Grumbach.....	13,524	May 7	128	453
"Resinine." (For a Fire-Kindler).....	A. Dacus.....	13,501	Apr. 23	127	3213
"Rex." (For Beer).....	A. Tiemann.....	13,304	Jan. 8	126	755
"Rexalos." (For Cigars).....	O. L. Schwencke Lithographic Co.....	13,394	Mar. 12	127	845
"Rigalico." (For Statuary).....	Daprato Statuary Company.....	13,631	June 25	128	3285
"Rivets." (For Rivets).....	E. B. Stimpson.....	13,575	May 28	128	1686
"Robalo." (For Cigars).....	R. & A. Abrams.....	13,870	Nov. 12	131	689
"Romanoff Caviar." (For Caviar).....	Russian Caviar Company.....	13,312	Jan. 15	126	1062
"Romanoff Caviar." (For Caviar).....	Russian Caviar Company.....	13,313	Jan. 15	126	1062
"Romanza Heliotrope." (For Soap).....	Armour & Company.....	13,513	Apr. 30	127	3639
"Romanza Lilac." (For Soap).....	Armour & Company.....	13,511	Apr. 30	127	3639
"Romanza Rose." (For Soap).....	Armour & Company.....	13,514	Apr. 30	127	3639
"Romanza Violet." (For Soap).....	Armour & Company.....	13,512	Apr. 30	127	3639
"Root Juice." (For a Medical Preparation).....	W. B. Cabler.....	13,477	Apr. 16	127	2314
"Rosette Irons." (For Irons).....	A. Andresen & Co.....	13,608	June 11	128	2527
"Rosilgo." (For Cleaning Compound).....	M. J. Roberts.....	13,434	Apr. 2	127	1990
"Rosoint." (For Medical Compound).....	California Rosoint Company.....	13,411	Mar. 19	127	1251
"Royal Cake Icing." (For Cake-Icing).....	Royal Pure Food Co.....	13,957	Dec. 31	131	2415
"Royal Jelly Powder." (For Jelly-Powder).....	Royal Pure Food Co.....	13,837	Oct. 22	130	2269
"Royal Tea Company." (For Teas, Spices, Extracts, Baking-Powder, and Coffees).....	Royal Tea Company.....	13,310	Jan. 15	126	1062
"Russell's Club Mogul." (For Playing-Cards).....	Willis W. Russell Card Co.....	13,302	Jan. 1	126	385
"Rust's Sulphur Oil." (For Remedies for Cuts, Bruises, and Bites of Insects.).....	E. G. Rust.....	13,660	July 9	129	868
"S. P. Co's." (For Toilet-Paper).....	Scott Paper Co.....	13,389	Mar. 5	127	390
"Sacred Lily Ceylon Tea." (For Tea).....	Robert G. Thomas & Son Company.....	13,655	July 9	129	868
"Sagamore Spring." (For Whisky).....	C. Schlinger Sons & Co.....	13,369	Feb. 19	126	3039
"Samson." (For Dress Goods Known in the Trade as Galatea).....	Burton Brothers & Co.....	13,893	Nov. 19	131	939
"San Zeno." (For Cigars).....	C. B. Herschel Mfg Co.....	13,633	July 2	129	477
"Sanroc Natural Mineral Water." (For Natural Mineral Water.).....	Sanroc Springs Co.....	13,531	May 14	128	883
"Sapolin's Decorators' Bronzing Liquid." (For a Bronzing Liquid.).....	Gerstendorfer Bros.....	13,337	Jan. 29	126	1773
"Savon Mucha Heliotrope." (For Soap).....	Armour & Company.....	13,450	Apr. 2	127	1990
"Savon Mucha Lilac." (For Soap).....	Armour & Company.....	13,437	Apr. 2	127	1990
"Savon Mucha Sandalwood." (For Soap).....	Armour & Company.....	13,439	Apr. 2	127	1990
"Savon Mucha Violet." (For Soap).....	Armour & Company.....	13,446	Apr. 2	127	1990
"Sawyer's Crystal Sheet Bluing for the Laundry." (For Washing-Blue).....	Sawyer Crystal Blue Company.....	13,346	Feb. 5	126	2187
"Schemm's Standard Dark Lager Beer." (For Beer).....	P. A. Schemm.....	13,492	Apr. 23	127	3213
"Schemm's Standard Light Lager Beer." (For Beer).....	P. A. Schemm.....	13,493	Apr. 23	127	3213
"Scherman's Egg Shampoo." (For a Shampoo).....	J. Scherman & Co.....	13,359	Feb. 12	126	2587
"Scherman's Liquid Shampoo." (For a Liquid Shampoo).....	J. Scherman & Co.....	13,360	Feb. 12	126	2587
"Schiller." (For Cigars).....	L. Mueller.....	13,506	Apr. 30	127	3639
"Schilling's Best." (For Baking-Powder).....	A. Schilling & Company.....	13,659	July 9	129	868
"Schilling's Best." (For Coffee).....	A. Schilling & Company.....	13,490	Apr. 23	127	3213
"Schilling's Best." (For Tea).....	A. Schilling & Company.....	13,615	June 18	128	2833
"Schmid Brothers Cough Drops." (For Cough-Drops).....	G. W. Schmid Mfg. Co.....	13,688	July 23	129	1607
"Schmidt's New Star Piano Polish." (For a Piano-Polish).....	F. C. L. Schmidt.....	13,391	Mar. 5	127	390
"Se-ba-go." (For a Carbonated Beverage).....	R. R. Armstrong.....	13,419	Mar. 26	127	1576
"Searchlight Garment." (For Women's, Ladies', Misses', and Children's Garments.).....	E. J. Korach & Co.....	13,622	June 18	128	2833
"Security Gall Salve." (For a Gall-Salve).....	F. B. Dennie.....	13,479	Apr. 16	127	2814
"Seipp's Export." (For Beer).....	Williams Bros. Co.....	13,420	Mar. 26	127	1576
"Seven Day Coffee, the National Beverage." (For Coffee).....	Seven Day Coffee Company.....	13,880	Nov. 19	131	939
"Shirt Bosom Protector." (For Bosom-Boards).....	Wood and Mullen.....	13,809	Sept. 24	130	1307
"Si Perkins." (For Cigars).....	Koelle-Mueller Label Co.....	13,427	Apr. 2	127	1990
"Sigari Scanga." (For Stogies and Cigars).....	J. G. Scanga.....	13,819	Oct. 8	130	1686
"Sigari Toscani." (For Cigars).....	P. Capobianco.....	13,709	July 30	129	2072
"Silesia Mineral Water." (For a Mineral Water).....	Silesia Mineral Spring Co.....	13,568	May 28	128	1686
"Silkella Handkerchiefs." (For Handkerchiefs).....	Bacon Art Company.....	13,815	Oct. 1	130	1481
"Silver Seal." (For Tea).....	Dunn & Powell.....	13,522	May 7	128	453
"Sinn Fein." (For Cigars).....	E. E. Kirkland & Co.....	13,954	Dec. 31	131	2415
"Slick Stuff." (For Lotions).....	Tryon Chemical Co.....	13,372	Feb. 19	126	3039
"Snow-Drift." (For Tissue).....	John Hoberg Co.....	13,593	June 4	128	2083
"So-Easy Stove Polish." (For Stove-Polish).....	Adner Laboratory Company.....	13,748	Aug. 13	129	2856
"So-Easy Straw Hat Cleaner." (For a Straw-Hat Cleaner).....	Adner Laboratory Company.....	13,604	June 11	128	2527
"Song of the Butter-Maker." (For Butter).....	G. W. Martin & Bro.....	13,822	Oct. 8	130	1686
"Southern Poultry Food." (For Poultry Food).....	Southern Stock Food Company.....	13,541	May 14	128	883
"Southern Stock Food." (For Stock Food).....	Southern Stock Food Company.....	13,540	May 14	128	883

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"Souvenir Box to the Best People on Earth." (For Confectionery.)	Touraine Confectionery Co.	13,723	Aug. 6	129	2498
"Sparkling Yosemite Mineral Water." (For Mineral Water)...	Yosemite Mineral Springs Company.	13,931	Dec. 17	131	1938
"Spring Leaf Tea." (For Tea).....	Hoops Tea Company.....	13,836	Oct. 22	130	2369
"Squirrel-Brand Peanut Bar." (For Confectionery).....	Squirrel Brand Co.....	13,722	Aug. 6	129	2498
"St. Elmo." (For Cigars).....	C. F. Kaiser.....	13,915	Dec. 10	131	1684
"St. Philip Hair Tonic and Dandruff Cure." (For Hair Preparation.)	P. Aceto.....	13,571	May 28	128	1686
"Stafoville." (For a Cereal Product).....	J. P. Thomas.....	13,678	July 23	129	1607
"Stag." (For Cigars).....	L. E. Swan.....	13,609	June 18	128	2833
"Star" Banana Bronzing Liquid." (For a Bronzing Liquid)...	Gerstendorfer Bros.....	13,338	Jan. 29	126	1773
"Star Brand Shoes are Better." (For Shoes).....	Roberts, Johnson & Rand Shoe Co.	13,677	July 16	129	1265
"Star Hair Tonic and Dandruff Cure." (For a Hair-Tonic and Dandruff Cure.)	Star Toilet Co.....	13,381	Feb. 26	126	3420
"Star Record." (For Records for Talking-Machines).....	Hawthorne & Sheble Mfg. Co.....	13,401	Mar. 12	127	845
"Stearns' Electric Rat and Roach Paste." (For a Rat and Roach Paste.)	Stearns Electric Paste Co.....	13,336	Jan. 29	126	1773
"Stephenson The Original Uned A Bar Belt Dressing." (For a Belt-Dressing.)	Gem Manufacturing Co.....	13,574	May 28	128	1686
"Straw Hatters." (For Straw Hats).....	Straw Hatters Union.....	13,749	Aug. 13	129	2856
"Strax." (For an Antiseptic).....	C. Ostergren.....	13,730	Aug. 6	129	2498
"Sun Bleach." (For Cotton Piece Goods).....	Burton Bros. & Co.....	13,334	Feb. 26	126	3420
"Sunal, Hair Restorer and Invigorator." (For Hair Restorer and Invigorator.)	Sunal Hair Tonic Company.....	13,746	Aug. 13	129	2856
"Sunflower Club." (For Cigars).....	H. A. Isaacs.....	13,735	Aug. 13	129	2856
"Superb Tonic." (For a Beverage or Mineral Water).....	L. Cohen & Son Company.....	13,720	Aug. 6	129	2498
"Superior Flower Seeds." (For Flower-Seeds).....	Mandeville & King Co.....	13,374	Feb. 19	126	3039
"Sweet-Orr Belt Grip." (For Trousers).....	Sweet-Orr & Co.....	13,848	Oct. 29	130	2718
"Sweetheart Brand." (For Canned Syrups).....	Louisiana Molasses Co.....	13,765	Aug. 27	129	3499
"Swift's Specific." (For a Medicine for the Cure of All Blood and Skin Diseases and for Purifying the Blood.)	Swift Specific Co.....	13,386	Mar. 5	127	390
"Sylvan Carnation." (For Soap).....	Armour & Company.....	13,443	Apr. 2	127	1990
"Sylvan Lile." (For Soap).....	Armour & Company.....	13,441	Apr. 2	127	1990
"Sylvan Rose." (For Soap).....	Armour & Company.....	13,440	Apr. 2	127	1990
"Sylvan Sandalwood." (For Soap).....	Armour & Company.....	13,448	Apr. 2	127	1990
"T-Wharf Ringed Fish Hooks." (For Fish-Hooks).....	H. A. Whittemore.....	13,868	Nov. 5	131	357
"Taeka Shampoo." (For a Preparation for the Hair and Scalp)...	L. E. Vadakin.....	13,766	Aug. 20	129	3158
"Tannaline Cream Lotion." (For a Lotion for the Complexion)...	Damascus Chemical Co.....	13,958	Dec. 31	131	2415
"Tastes Like Ice Cream in the Summertime." (For Prepared Fruit.)	Stedman Fruit Co.....	13,764	Aug. 27	129	3499
"Tate Spring Mineral Water." (For Mineral Water).....	T. Tomlinson.....	13,854	Nov. 5	131	357
"Teddy Bear." (For Toilet Soap).....	James S. Kirk & Company.....	13,747	Aug. 13	129	2856
"Teddy Bear Selected Dates." (For Dates).....	Hills Brothers Company.....	13,834	Oct. 15	130	2064
"Teddy's Bear Hunt Game." (For a Game).....	S. D. Bowers.....	13,556	May 21	128	1289
"The Beer Without a Peer." (For Beer).....	Consumers' Brewing Co.....	13,577	June 4	128	2083
"The Berkshire Shoe." (For Shoes for Men, Women, Boys, and Girls.)	E. D. Pritchard.....	13,373	Feb. 19	126	3039
"The Bute Oil Shoe Dressing." (For Leather-Dressing).....	Wolf Chemical Company.....	13,348	Feb. 5	126	2187
"The Button Without a Post." (For Hose-Supporters).....	Economy Corset Co.....	13,379	Feb. 26	126	3440
"The Comb Makers." (For Cigars).....	F. E. Nichols.....	13,907	Dec. 3	131	1418
"The Debutante." (For Candy).....	National Candy Company.....	13,701	July 30	129	2072
"The Dolly Madison Home-Made Candles." (For Candy).....	G. E. Doolittle.....	13,407	Mar. 19	127	1251
"The Dummy Skirt Marker." (For a Skirt-Marker).....	G. F. Wedderburn.....	13,808	Sept. 24	130	1303
"The Edison Magnetized Wire Woven Rawhide." (For Whips)...	Cowles Horan Whip Co.....	13,545	May 14	128	883
"The Graduate." (For Clothing).....	Becker, Mayer & Co.....	13,467	Apr. 9	127	2392
"The Great Billiard Balls." (For Billiard-Balls).....	Newark Billiard Ball & Mfg. Co.....	13,962	Dec. 31	131	2415
"The Ideal Liniment." (For a Liniment for Man and Beast)...	K. S. Gross & Co.....	13,905	Nov. 26	131	1159
"The Ladies Friend." (For a Medicine).....	D. R. Drake.....	13,800	Sept. 17	130	975
"The Marvelous Beautifier Fleur De Lis Crème." (For a Face-Cream.)	E. Bloch.....	13,628	June 25	128	3285
"The Matchless Match." (For Matches).....	J. W. Henderson.....	13,365	Feb. 12	126	2587
"The National Hygienic Button." (For Hose-Supporter Buttons.)	Economy Corset Company.....	13,923	Dec. 10	131	1684
"The New Game, Teddy's Bear Hunt." (For a Game).....	S. D. Bowers.....	13,607	June 11	128	2527
"The New Grote Pool Balls." (For Pool-Balls).....	Newark Billiard Ball & Mfg. Co.....	13,963	Dec. 31	131	2415
"The No Equal Toilet Preparation." (For a Toilet Preparation.)	T. J. Knight.....	13,663	July 9	129	868
"The Only 5c Bull Heads." (For Cigars).....	J. Furthmann.....	13,894	Nov. 26	131	1159
"The Petrescent Rat and Mouse Killer." (For a Rat or Mouse Poison.)	E. Zaitchick and C. Cooper.....	13,922	Dec. 10	131	1684
"The Sign of the Kettle." (For Candies).....	E. B. Jones.....	13,519	Apr. 36	127	3639
"The Springer Sanitarium." (For Medicinal Preparations).....	N. A. Springer.....	13,619	June 18	128	2833
"The Star." (For an Insecticide).....	Sachs & Co.....	13,758	Aug. 20	129	3158
"The Star." (For Insecticide).....	Sachs & Co.....	13,769	Aug. 27	129	3499
"3 In One Soap." (For Soap).....	C. R. Hutchinson.....	13,408	Mar. 19	127	1251
"Ticke-Chicle Chewing Gum." (For Chewing-Gum).....	A. A. Austin.....	13,823	Oct. 8	130	1686
"Tiger Fat Salve." (For Salves).....	W. A. Gray.....	13,706	July 30	129	2072
"Tom and Jerry." (For Cigars).....	W. J. Philippar.....	13,634	July 2	129	477
"Tonsillol." (For Medicine).....	J. Nachtigall.....	13,397	Mar. 12	127	845
"Transporella Complexion Glycerine Soap." (For Soap).....	Armour & Company.....	13,436	Apr. 2	127	1990
"Pro Tro Chocolate Crunch." (For Confectionery).....	Trowbridge Chocolate Chip Co.....	13,724	Aug. 6	129	2498
"Pro Tro Chocolate Crunch." (For Confectionery).....	Trowbridge Chocolate Chip Co.....	13,752	Aug. 20	129	3158
"Pro Tro Chocolate Crunch." (For Confectionery).....	Trowbridge Chocolate Chip Co.....	13,763	Aug. 27	129	3499
"Procedero Parisian Cologne." (For Cologne).....	C. Rahayel.....	13,776	Sept. 3	130	297
"Propic Remedy." (For Medicine).....	J. F. Catlin.....	13,662	July 9	129	868
"Truman's English Colic Cure." (For a Colic Cure).....	J. G. Truman.....	13,586	June 4	128	2083
"Truman's English Embrocation." (For an Embrocation).....	J. G. Truman.....	13,584	June 4	128	2083
"Truman's English Fever Cure." (For a Fever Cure).....	J. G. Truman.....	13,587	June 4	128	2083
"Tulip Paprika." (For Red Pepper).....	Hungarian American Trading Co.....	13,731	Aug. 6	129	2498
"Turk Kings." (For Cigars).....	Schmidt & Co.....	13,375	Feb. 26	126	3420
"Turjo." (For Cigars).....	M. T. Coffey Co.....	13,611	June 18	128	2833
"Twin Star." (For Maple-Syrup).....	C. A. Crane.....	13,602	June 11	128	2527
"U-Auto Polish." (For a Polish for Automobiles and Carriages)...	Shove & Gage Co.....	13,814	Oct. 1	130	1481
"Uncle Ben Molasses." (For Molasses).....	Berry, Maybrun Co.....	13,471	Apr. 16	127	2814

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"Unctisol." (For a Medicated Unction)	C. E. Gates Co.	13,626	June 25	128	3285
"Uneeda Weeda." (For Cigars, Cheroots, Cigarettes, and Smoking-Tobacco.)	Haase-Schaid Cigar Co.	13,576	June 4	128	2083
"Union Beer, Hop and Horehound Beverage." (For a Beverage)	G. Altree.	13,385	Mar. 5	127	390
"Union Club." (For Cigars)	May Company.	13,716	Aug. 6	129	2498
"Union Maid." (For Flour)	Patton Milling Co.	13,430	Apr. 2	127	1990
"Uncle Sam's Cones." (For Ice-Cream Cones)	S. Kart.	13,520	Apr. 30	127	3639
"Up to Date." (For Soap)	M. S. Vanderbeck.	13,499	Apr. 23	127	3213
"Useit." (For Toilet-Paper)	John Hoberg Co.	13,596	June 4	128	2083
"Vanilla Substitute." (For Vanilla Substitute)	Vanilla Substitute Co.	13,344	Feb. 5	126	2187
"Vargas Coffee." (For Coffee)	J. Vargas.	13,779	Sept. 10	130	653
"Vegetable Cough Syrup." (For Medicines for Diseases of the Throat and Lungs.)	A. E. Drews & Co.	13,789	Sept. 10	130	653
"Vevo." (For Massage-Cream)	Mosco Mfg. Co.	13,582	June 4	128	2083
"Vezino's Digestive Health Food Chocolates." (For Health-Food Chocolates.)	V. de Vezino.	13,518	Apr. 30	127	3639
"Virginia Cured' Brand Hams and Bacon Dressed Meats." (For Hams, Bacon, and Dressed Meats.)	J. L. C. Montague.	13,463	Apr. 9	127	2392
"Voicelets." (For a Medicinal Compound)	Grandfathers Cure Co.	13,933	Dec. 17	131	1938
"Volumo." (For Cigars)	Schmidt & Co.	13,858	Nov. 5	131	357
"W. E. Closson's Antiseptic Liniment." (For an Antiseptic Liniment.)	W. E. Closson Medicine Company.	13,740	Aug. 13	129	2856
"W. E. Closson's Cough Cure." (For a Cough Cure)	W. E. Closson Medicine Company.	13,742	Aug. 13	129	2856
"W. E. Closson's World Renowned Pain Relief and Family Liniment." (For Medicine.)	W. E. Closson Medicine Company.	13,741	Aug. 13	129	2856
"Wanous' Shampoo-Bag." (For Hair-Tonic)	J. A. Wanous.	13,630	June 25	128	3285
"Watch." (For Time-Recorders, Watches, and Clocks)	Newman Clock Co.	13,414	Mar. 19	127	1251
"Water-Proof Harness Dressing." (For a Dressing for Harness, Leather, and Carriage-Tops.)	Riverside Chemical Co.	13,691	July 23	129	1607
"Wedgwood Cigars." (For Cigars)	Stewart Brothers Company.	13,454	Apr. 9	127	2392
"Weilers Genuine Michigan Shoes." (For Shoes)	Weiler Bros.	13,500	Apr. 23	127	3213
"Western Reserve Maple Syrup." (For Maple-Syrup)	Western Reserve Syrup Co.	13,300	Jan. 1	126	385
"Weuztha B-L Hair Fluff." (For a Preparation for Improving and Fluffing the Hair.)	Bellman & Co., A. B.	13,551	May 21	128	1289
"White Rabbit." (For Toilet-Tissue)	John Hoberg Co.	13,594	June 4	128	2083
"White Ribbon." (For Cigars)	C. B. Henschel Mfg. Co.	13,560	May 28	128	1686
"White Star Water." (For Drinking-Water)	J. Greenberg.	13,900	Nov. 26	131	1159
"Whitman's Kilrat Exterminator." (For Rat-Exterminator)	J. F. Whitman.	13,961	Dec. 31	131	2415
"Wilhelmina Corsets." (For Corsets)	H. L. Adams.	13,941	Dec. 17	131	1938
"Winged Horse." (For Wheat-Flour)	Everett, Aughenbaugh & Company.	13,525	May 7	128	453
"Yale." (For Underwear)	Holmes Knitting Co.	13,347	Feb. 5	126	2187
"Young's Liver Pills." (For Medical Compounds)	J. M. Young, Jr.	13,743	Aug. 13	129	2856
"Zebra's Chill Buster." (For a Medicine)	Zebra Remedy Company.	13,687	July 23	129	1607
"Zerolene." (For Oils)	Standard Oil Company.	13,951	Dec. 24	131	2142
"Zumalweiss." (For Beer)	Minneapolis Brewing Company.	13,929	Dec. 17	131	1938

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"A Charge on the Picador." (For Medicine)	Micro-line Medicine Co.	1,927	Mar. 19	127	1251
"A Dainty Breakfast." (For a Cereal Food)	Cream of Wheat Company	1,979	May 7	128	453
"A Good Lunch." (For Malt Liquors)	Meek Company	1,975	May 7	128	453
"A Good Thing Look Into It." (For Paints)	Patterson Sargent Company	2,065	July 23	129	1607
"A Pot of Gold for You." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Company	1,911	Feb. 26	126	3420
"A Quail Transparency." (For Smokeless Shotgun-Powder) ..	E. I. du Pont de Nemours Powder Company	2,052	July 9	129	868
"A Smile with Every Baking." (For Flour)	Standard Milling Co.	2,117	Sept. 24	130	1307
"Adlers Styles for Fall and Winter 1907-1908." (For Men's Apparel.)	David Adler & Sons Clothing Co.	2,091	Aug. 20	129	3158
"Adler's Styles for Spring and Summer 1907." (For Men's Apparel.)	David Adler & Sons Clothing Co.	1,934	Mar. 19	127	1251
"Alaskan Scene." (For a Breakfast Food)	Cream of Wheat Co.	2,127	Oct. 8	130	1686
"Angler's Pride." (For a Fish-Bait)	W. A. Moschner Jr. & Co.	2,082	Aug. 13	129	2856
"Anona Chocolates." (For Chocolates)	Russell and Co.	2,151	Nov. 12	131	689
"Antiphlogistine Girl # 7." (For Medicine)	Denver Chemical Mfg. Co.	1,951	Apr. 9	127	2392
"Antiphlogistine Girl # 6." (For Medicine)	Denver Chemical Mfg. Co.	1,952	Apr. 9	127	2392
"Antiphlogistine Girl # 5." (For Medicine)	Denver Chemical Mfg. Co.	1,953	Apr. 9	127	2392
"Apparel for Man and Boy." (For Clothing)	E. L. Boone	2,032	June 18	128	2833
"Apparel for Man and Boy." (For Clothing)	E. L. Boone	2,045	July 2	129	477
"Apparel for Man and Boy." (For Clothing)	E. L. Boone	2,124	Oct. 1	130	1481
"Apparel for Man and Boy." (For Clothing)	E. L. Boone	2,166	Nov. 26	131	1159
"Are You Opinionated?" (For Flour)	Washburn Crosby Company	1,920	Mar. 12	127	845
"Artgum The Dry Cleaner and Massager." (For a Cleaning Composition.)	A. Sommer	2,097	Aug. 27	129	3499
"B. F. Babbitt's 'Best Soap' and '1776' Soap Powder." (For Soap and Powder.)	American Lithographic Co.	2,132	Oct. 8	130	1686
"Baron's Welsh Rabbit." (For Welsh Rabbit)	Samuel Baron Co.	1,900	Jan. 29	126	1773
"Be a Chuloo." (For Chewing-Gum)	Meek Company	1,899	Jan. 29	126	1773
"Bear Design." (For a Breakfast Food)	Cream of Wheat Co.	2,181	Dec. 24	131	2142
"Berenice, The Dancers, and Orange Blossoms Backs Congress Playing Cards." (For Playing-Cards.)	United States Playing Card Company	2,004	May 28	128	1686
"Bill Poster." (For a Breakfast Food)	Cream of Wheat Co.	2,087	Aug. 20	129	3158
"Blue Bell." (For Bread)	Hauck-Hoerr Bakery Co.	1,999	May 28	128	1686
"Boschees German Syrup, August Flower." (For Medicines) ..	G. G. Green	1,931	Mar. 19	127	1251
"Boy Whispering to Sister." (For a Breakfast Food)	Cream of Wheat Co.	2,186	Dec. 24	131	2142
"Boyd's Chart of By-Products of Ec-Zine." (For Ec-Zine Products.)	C. L. Boyd	2,147	Nov. 5	131	357
"Boysen's Bath Solution." (For a Bath Solution)	I. Boysen	2,036	June 25	128	3285
"Broncho Busting Design." (For Breakfast Food)	Cream of Wheat Co.	2,156	Nov. 19	131	939
"Budweiser Girl." (For Beer)	Anheuser-Busch Brewing Ass'n.	2,161	Nov. 26	131	1159
"Built Right & Wearwell." (For Men's Clothing)	Berger, Raphael & Wile	2,171	Dec. 3	131	1418
"Burton-Pierce Uniforms." (For Uniforms)	Burton-Pierce Co.	1,958	Apr. 16	127	2814
"Buster Brown Bread." (For Bread)	W. E. Long Co.	1,914	Mar. 5	127	390
"Buster Brown Bread." (For Bread)	W. E. Long Co.	2,113	Sept. 17	130	975
"California Root Beer Extract." (For Root-Beer Extract) ..	California Root Beer Company	2,106	Sept. 10	130	653
"California Souvenir Playing Cards." (For Playing-Cards) ..	M. Rieder	2,162	Nov. 26	131	1159
"Cavendish Hoyle and Wheelock Backs, U. S. Whist Faces." (For Playing-Cards.)	United States Playing Card Company	1,892	Jan. 15	126	1062
"Certificate of Origin Avenarius Carbolineum." (For a Wood-Preserving Compound.)	Carbolineum Wood Preserving Company	1,888	Jan. 15	126	1062
"Chain, Saddle and Handle-Bar Backs, Bicycle Playing Cards." (For Playing-Cards.)	United States Playing Card Company	2,121	Sept. 24	130	1307
"Champion Harvesting Machines." (For Harvesting Machinery.)	Hayes Lithographing Co.	2,168	Nov. 26	131	1159
"Chef with Large Bowl." (For a Breakfast Food)	Cream of Wheat Co.	2,086	Aug. 20	129	3158
"Class Pin Page Number Four." (For Class-Pins)	S. L. Folger	2,094	Aug. 20	129	3158
"Class Pin Page Number Three." (For Class-Pins)	S. L. Folger	2,095	Aug. 20	129	3158
"Coat Chart." (For Men's and Boys' Coats)	Ed. V. Price & Company	2,014	June 4	128	2083
"College Brand Hats." (For Hats)	Samuel Mundheim Co.	2,012	June 4	128	2083
"Columbia Mark XLVIII Touring Car." (For Automobiles) ..	Electric Vehicle Company	1,913	Feb. 26	126	3420
"Cream of Wheat Blocks." (For a Breakfast Food)	Cream of Wheat Co.	2,129	Oct. 8	130	1686
"Cream of Wheat is Good for You." (For a Breakfast Food) ..	Cream of Wheat Company	1,903	Feb. 5	126	2187
"Creosotonic (Scott)." (For a Tonic)	Dawson Pharmacal Co.	1,902	Feb. 5	126	2187
"Cute Kids." (For a Breakfast Food)	Cream of Wheat Co.	2,185	Dec. 24	131	2142
"Cyclist Back, Bicycle Playing Cards." (For Playing-Cards) ..	United States Playing Card Company	2,139	Oct. 22	130	2369
"De Laval Cream Separators." (For Cream-Separators)	De Laval Separator Co.	1,933	Mar. 19	127	1251
"Dog'on Fine Coffee." (For Coffee)	Woolson Spice Company	1,901	Feb. 5	126	2187
"Don't Be Odd." (For Flour)	Washburn Crosby Company	2,169	Dec. 3	131	1418
"Don't Discharge the Cook." (For Flour)	Washburn Crosby Company	1,919	Mar. 12	127	848
"Dr. Pepper." (For a Beverage)	Artesian Mfg. & Bottling Co.	2,034	June 25	128	3285
"Drink." (For Whisky)	J. McMahon	2,089	Aug. 20	129	3158
"Duke's Mixture." (For Tobacco)	American Tobacco Co.	2,040	July 2	129	477
"Dupont." (For Powder)	E. I. du Pont de Nemours Powder Company	2,047	July 2	129	477
"Educator Shoe." (For Boots and Shoes)	Willis E. Pattison	1,905	Feb. 5	126	2187
"Elk Brand." (For Shoes)	G. A. Lutz	2,144	Oct. 29	130	2716
"Elliott's Cream of Maple." (For Maple Table-Syrup)	S. K. Elliott	1,886	Jan. 15	126	1062

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Title.	Name.	No.	Date.	Official Gazette.	
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"Empire State Refrigerating Machine." (For Ice and Refrigerating Machinery.)	Empire State Engineering Company.	2,104	Sept. 3	130	297
"Erin and Expectation Backs, Congress Playing Cards." (For Playing-Cards.)	United States Playing Card Company.	1,973	Apr. 23	127	3213
"Eureka Peanut Cakes." (For Peanut-Candy)	Dreyfus Bros.	2,119	Sept. 24	130	1307
"Eve, The Texas Mi-Cro-Line Girl." (For Proprietary Medicines.)	Mi-cro-line Medicine Co.	2,067	July 30	129	2072
"Eventually." (For Flour)	Washburn-Crosby Company.	2,123	Oct. 1	130	1481
"Exhibiting Tailor." (For Men's and Boys' Coats)	Ed. V. Price & Company.	2,015	June 4	128	2083
"F. T. Dirksen's Incubator." (For Incubators)	F. T. Dirksen.	1,963	Apr. 16	127	2814
"Falker's Velvet Suede." (For Suede Skins)	A. Faulker.	1,926	Mar. 12	127	845
"? Fall 1907 Guess." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Company.	1,940	Mar. 26	127	1576
"Fall & Winter Styles 1907-08." (For Clothing)	Hamburger Bros. & Co.	2,085	Aug. 13	129	2856
"Fashionable Coat Sleeves." (For Coat-Sleeves)	Ed. V. Price & Company.	1,906	Feb. 12	126	2587
"Fashionable Coat Sleeves Fall and Winter 1907-08." (For Coat-Sleeves.)	Ed. V. Price & Company.	2,068	July 30	129	2072
"54 Initial Playing Cards." (For Playing-Cards)	United States Playing Card Company.	2,153	Nov. 12	131	689
"Fine Varnishes and Japans." (For Varnishes and Japans)	Bigelow Varnish Co.	1,941	Mar. 26	127	1576
"First Over the Bars." (For Whisky)	W. Lanahan & Son.	2,112	Sept. 17	130	975
"From Humble Cot to Palace Grand, The Finest Drinks in All the Land." (For Ginger-Ale.)	Standard Bottling Co.	1,884	Jan. 15	126	1062
"George Washington Backs, Congress Playing Cards." (For Playing-Cards.)	United States Playing Card Company.	1,895	Jan. 22	126	1354
"Goldblume." (For Beer)	F. W. Cook Brewing Co.	2,174	Dec. 17	131	1938
"Goldblume." (For Bottled Beer)	F. W. Cook Brewing Co.	2,072	Aug. 6	129	2498
"Good Bread—The Secret's Out." (For Flour)	Washburn Crosby Company.	1,921	Mar. 12	127	845
"Gordon Furs." (For Furs)	Seiter & Kappes Lithographing Co.	2,023	June 4	128	2083
"Greeting Tailor." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Company.	2,020	June 4	128	2083
"Ground Shells or Hens' Teeth." (For Ground Shell)	Long Beach Milling Company.	1,878	Jan. 1	126	385
"Haireka." (For a Hair-Tonic)	St. Luke Remedies Company.	2,081	Aug. 13	129	2856
"Handling the Flour Question—Right." (For Flour)	Washburn Crosby Company.	1,947	Apr. 2	127	1990
"Has the Power of Niagara." (For Automobiles)	W. H. Gelston.	2,180	Dec. 17	131	1938
"Hasn't Scratched Yet!!! 16 Y'r's on the M'k't." (For a Scouring-Soap.)	Bon Ami Company.	2,142	Oct. 29	130	2716
"Have a Taste." (For Liquors)	Meyercoed Company.	1,894	Jan. 22	126	1354
"Have Some Junket." (For Junket)	W. F. Powers Company.	2,071	Aug. 6	129	2498
"Headquarters for Souvenir Post Cards." (For Post-Cards)	Globe Sign and Poster Company.	2,100	Sept. 3	130	297
"Healthful Nucoa Confectionery." (For Confectionery Materials.)	Nucoa Butter Co.	1,932	Mar. 19	127	1251
"Hello! Hello!" (For Flour)	Washburn Crosby Company.	1,910	Feb. 19	126	3039
"Hello! Hello!" (For Flour)	Washburn Crosby Company.	1,944	Apr. 2	127	1990
"Here It Is." (For Whisky)	Hurd-Wheeler Co.	1,984	May 14	128	883
"Highest Grade." (For Cocoa)	Runkel Brothers Incorporated.	2,098	Sept. 3	130	297
"Hoyt's Improved Pile Remedy." (For a Pile Remedy)	C. H. Hoyt & Co.	2,176	Dec. 17	131	1938
"If You Please—Don't Merely Ask for Flour." (For Flour)	Washburn Crosby Company.	1,923	Mar. 12	127	8451
"If you Were a Miller." (For Flour)	Washburn Crosby Company.	1,946	Apr. 2	127	1990
"Immaculate." (For Enamels)	Pinchin, Johnson & Co.	2,164	Nov. 26	131	1159
"Imperial." (For Whisky)	John Dewar & Sons.	2,050	July 9	129	868
"Incenso." (For Deodorants)	Incenso Co.	1,987	May 21	128	1289
"Incenso." (For Deodorants)	Incenso Co.	1,988	May 21	128	1289
"Incenso." (For Deodorants)	Incenso Co.	1,989	May 21	128	1289
"Incenso." (For Deodorants)	Incenso Co.	1,990	May 21	128	1289
"Incenso." (For Deodorants)	Incenso Co.	1,991	May 21	128	1289
"Incenso." (For Deodorants)	Incenso Co.	1,992	May 21	128	1289
"Incenso." (For Deodorants)	Incenso Co.	1,993	May 21	128	1289
"Incenso." (For Deodorants)	Incenso Co.	1,994	May 21	128	1289
"Inlaid Back, Sportsman's Playing Cards." (For Playing-Cards.)	United States Playing Card Company.	2,005	May 28	128	1686
"It's a Biscuit Flour." (For Flour)	Washburn, Crosby Company.	1,967	Apr. 23	127	3213
"Jerry Back, Congress Playing Cards." (For Playing-Cards)	United States Playing Card Company.	2,057	July 16	129	1265
"Julia Marlowe, Beauty's Mirror, an Old-Fashioned Girl and Cupid's Secret Backs, Congress Playing Cards." (For Playing-Cards.)	United States Playing Card Company.	2,063	July 23	129	1607
"Jumped Into Favor From The Start." (For Whisky)	Lanahan & Son.	1,936	Mar. 26	127	1576
"Just Out of a Mandy Lee." (For Incubators)	A. G. Wade.	1,970	Apr. 23	127	3213
"Keep Your Eye on Continentals." (For Tires for Automobiles)	A. W. Erickson Advertising Agency.	2,134	Oct. 8	130	1686
"Kewanee Water-Supply Co." (For a Complete Outfit for Furnishing a Water-Supply System.)	Kewanee Water Supply Co.	1,986	May 21	128	1289
"Kitchen Profits." (For Flour)	Washburn Crosby Company.	2,145	Nov. 5	131	357
"Kuresore Ointment." (For an Ointment)	G. I. Chemical Co.	2,120	Sept. 24	130	1307
"Kutters that Kut." (For Razors)	Kraut & Dohnal.	1,981	May 7	128	453
"Lapin's Magic Straw Hat Cleaner." (For a Straw-Hat Cleaner.)	Essential Chemical Co.	1,909	Feb. 12	126	2587
"Lead Flange Union Coupling-Lead and Inside Thread." (For Lead Flange Union-Couplings.)	H. Mueller Manufacturing Company.	1,916	Mar. 5	127	390
"Lead Flange Union Coupling-Lead Pipe." (For Lead Flange Union-Couplings.)	H. Mueller Manufacturing Company.	1,917	Mar. 5	127	390
"Lees Poultry Supplies." (For Lice-Killer, Egg-Maker, Germozone, Sprayers.)	A. G. Wade.	1,971	Apr. 23	127	3213
"Lemp Extra Pale." (For Beer)	Wm J. Lemp Brewing Co.	2,009	June 4	128	2083
"Let me tell you Something—" (For Flour)	Washburn Crosby Company.	2,157	Nov. 19	131	939
"Lexard." (For Soap)	Swift and Company.	2,179	Dec. 17	131	1938
"Life Saver." (For Beer)	Falls City Brewing Co.	2,008	June 4	128	2083
"Lilies of the Valley and Sundown Backs, Congress Playing Cards." (For Playing-Cards.)	United States Playing Card Co.	1,949	Apr. 2	127	1990
"Magnesium Candles." (For Fireworks)	Erste Thüringer Christbaumschmuck-Fabrik Gebr. Weinrich.	2,025	June 4	128	2083
"Maple-Flake Hobby Horse." (For a Prepared Cereal Breakfast Food.)	Hygienic Food Company.	1,962	Apr. 16	127	2814
"Marine." (For Playing-Cards)	Willis W. Russell Card Co.	2,073	Aug. 6	129	2498

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Title.	Name.	No.	Date.	Official Gazette.	
				Vol.	Page.
"Martha Washington Back, Congress Playing Cards." (For Playing-Cards.)	United States Playing Card Company.	1,876	Jan. 1	126	385
"Mayer's Washable Hats." (For Infants' Headwear)	S. Mayer & Sons	2,002	May 28	128	1686
"Measurements Chart." (For Men's and Boys' Coats and Vests.)	Ed. V. Price & Company	2,021	June 4	128	2083
"Mecca." (For Cigarettes)	S. Anargyros	1,966	Apr. 23	127	3213
"Meld Back, 48. Pinochle Playing Cards." (For Playing-Cards) ..	United States Playing Card Company.	2,101	Sept. 3	130	297
"Men's and Boys' Apparel." (For Apparel)	H. C. Lytton	1,925	Mar. 12	127	845
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	1,877	Jan. 1	126	385
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	1,882	Jan. 8	126	755
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	1,898	Jan. 29	126	1773
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	1,938	Mar. 26	127	1576
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	1,955	Apr. 9	127	2392
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	1,959	Apr. 16	127	2814
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	1,969	Apr. 23	127	3213
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	1,974	Apr. 30	127	3639
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	1,980	May 7	128	453
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	1,985	May 14	128	883
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	1,998	May 21	128	1289
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,006	May 28	128	1686
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,022	June 4	128	2083
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,033	June 18	128	2833
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,039	June 25	128	3285
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,051	July 9	129	868
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,058	July 16	129	1265
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,070	July 30	129	2072
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,075	Aug. 6	129	2498
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,084	Aug. 13	129	2856
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,092	Aug. 20	129	3158
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,096	Aug. 27	129	3499
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,099	Sept. 3	130	297
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,110	Sept. 10	130	653
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,116	Sept. 17	130	975
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,122	Sept. 24	130	1307
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,133	Oct. 8	130	1686
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,140	Oct. 22	130	2361
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,143	Oct. 29	130	2716
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,148	Nov. 5	131	357
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,159	Nov. 19	131	939
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,167	Nov. 26	131	1159
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,170	Dec. 3	131	1418
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,177	Dec. 17	131	1938
"Men's and Boys' Apparel." (For Men's and Boys' Apparel) ..	H. C. Lytton	2,188	Dec. 31	131	2415
"Men's Apparel." (For Men's Apparel)	L. Adler, Bros. & Co.	1,889	Jan. 15	126	1062
"Men's Apparel." (For Men's Apparel)	L. Adler Bros. & Co.	2,093	Aug. 20	129	3158
"Men's Apparel." (For Men's Apparel)	Stein-Bloch Co.	2,115	Sept. 17	130	375
"Men's Apparel." (For Men's Apparel)	Schloss Bros. & Co.	2,125	Oct. 1	130	1481
"Meritas, Table Oil Cloth." (For Table Oil-Cloth)	Standard Oil Cloth Co.	2,163	Nov. 26	131	1159
"Moose." (For Beer)	A. Tiemann	1,976	May 7	128	453
"Moose, The Beer that Reigns Supreme." (For Beer)	A. Tiemann	1,879	Jan. 8	126	755
"Moose, The Monarch of All Pure Beers." (For Beer)	A. Tiemann	1,881	Jan. 8	126	755
"Mother and Child." (For a Breakfast Food)	Cream of Wheat Co.	2,130	Oct. 8	130	1686
"Motorette and Autobike Backs, Bicycle Playing Cards." (For Playing-Cards.)	United States Playing Card Company.	1,893	Jan. 15	126	1062
"Mozley Lemon Elixir." (For Lemon Elixir)	Mozley Lemon Elixir Co.	1,964	Apr. 23	127	3213
"My Little Girl Says." (For Waxed Paper)	J. M. Wallace	2,083	Aug. 13	129	2856
"Nachtwachter." (For Beer)	Chas. W. Shonk Co.	1,960	Apr. 16	127	2814
"Napoleon." (For Medicinal and Toilet Preparations)	H. B. Claffin Company	2,158	Nov. 19	131	939
"Nestlé's Milk Chocolate." (For Chocolate)	Lamont, Corliss & Company	2,000	May 28	128	1686
"No More Dust." (For a Dustless Sweeping Compound)	Perolin Company of America	2,074	Aug. 6	129	868
"None Purer None Better." (For Malt Liquors)	Meek Company	2,088	Aug. 20	129	3158
"Our Clerk." (For Men's and Boys' Coats, Vests, and Trousers) ..	Ed. V. Price & Company	2,016	June 4	128	2083
"Our Fitter." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Co.	2,078	Aug. 6	129	868
"Our Foreman." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Co.	2,077	Aug. 6	129	868
"Our Manager." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Co.	2,076	Aug. 6	129	868
"Our Operator." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Company	2,062	July 23	129	1
"Our Platform." (For a Breakfast Food)	Cream of Wheat Co.	2,154	Nov. 12	131	939
"Our President." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Company	2,018	June 4	128	2083
"Our Salesman." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Company	2,019	June 4	128	2083
"Our Schoolmaster' Series—No. 1." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Co.	2,135	Oct. 15	130	2064
"Our Schoolmaster' Series—No. 2." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Co.	2,136	Oct. 15	130	2064
"Our Schoolmaster' Series—No. 3." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Co.	2,137	Oct. 15	130	2064
"Our Schoolmaster' Series—No. 4." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Co.	2,138	Oct. 15	130	2064
"Oxzyz Balm." (For a Balm for the Complexion)	Oxzyz Company	1,887	Jan. 15	126	1062
"Pan-Dandy Bread." (For Bread)	S. E. Loveless	2,042	July 2	129	868
"Pants Chart." (For Men's and Boys' Trousers)	Ed. V. Price & Company	2,029	June 11	128	2083
"Parisian Chocolate Co." (For Chocolate)	F. A. Rhodes	2,066	July 30	129	868
"Perry's Fashions for Spring, (Sheet No. 3.)" (For Men's Sack-Suits.)	Perry & Company	1,968	Apr. 23	127	3213
"Perry's Fashions for Spring 1907." (For Men's Clothing)	Perry & Co.	1,937	Mar. 26	127	3213
"Perry's Fashions for Spring, 1907, Sheet No. 2." (For Men's Clothing.)	Perry & Co.	1,956	Apr. 9	127	3213
"Pneumatic Back, Bicycle Playing Cards." (For Playing-Cards.)	United States Playing Card Company.	2,102	Sept. 3	130	297

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Title.	Name.	No.	Date.	Official Gazette.	
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"Pratts Germ-a-thol, Sanitary Disinfectant." (For a Disinfectant.)	Pratt Food Co.....	1,954	Apr. 9	127	2392
"Pressing Tailor." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Company.....	2,017	June 4	128	2083
"Rainier Beer." (For Beer).....	Seattle Brewing & Malting Co....	2,146	Nov. 5	131	357
"Raised on Cream of Wheat." (For a Breakfast Food).....	Cream of Wheat Co.....	2,184	Dec. 24	131	2142
"Rimless Eyeglass Snap." (For Eyeglass-Snap).....	Chapin & Hollister Co.....	1,935	Mar. 26	127	1576
"Rural Delivery." (For a Breakfast Food).....	Cream of Wheat Co.....	2,128	Oct. 8	130	1686
"Sanitas, Cloth Wall Covering." (For Cloth Wall-Covering).....	Standard Oil Cloth Co.....	2,165	Nov. 26	131	1159
"Sapolin Powders for all Kinds of Gilding." (For Gilding-Powders.)	Gerstendorfer Bros.....	1,942	Mar. 26	127	1576
"Satisfied." (For Coca-Cola).....	S. L. Whitten.....	1,874	Jan. 1	126	385
"Schoenhut's Humpty Dumpty Circus, The Toy Wonder." (For Toys.)	* A. Schoenhut Company.....	2,103	Sept. 3	130	297
"Scotch Mints." (For Candy).....	A. Slauson & Co.....	1,950	Apr. 9	127	2392
"Secret Service." (For Automatic Telephones).....	Chicago Photogravure Company.....	1,891	Jan. 15	126	1062
"Seven-Up." (For Lubricants).....	L. Mendel.....	2,010	June 4	128	2083
"Silverine." (For a Preparation for Cleaning Silverware).....	Tower Chemical Manufacturing Co.....	2,114	Sept. 17	130	975
"606. College Series Congress Playing Cards." (For Playing-Cards.)	United States Playing Card Co....	2,178	Dec. 17	131	1938
"Skeeter Scarer." (For a Preparation for Driving Away Mosquitos.)	L. A. Hansen.....	2,090	Aug. 20	129	3158
"Sleepy Hollow Blankets." (For Blankets).....	Edson, Moore & Co.....	2,003	May 28	128	1686
"Snowdrift." (For Cooking-Fat).....	Southern Cotton Oil Co.....	2,001	May 28	128	1686
"Solid Rivets." (For Rivets).....	E. B. Stimpson.....	2,031	June 11	128	2527
"Some People Fuss and Fume and Fret Over Bread Making." (For Flour.)	Washburn Crosby Company.....	1,945	Apr. 2	127	1990
"Souvenir-Card, Kaiser Suits and Cloaks." (For General Wearing-Apparel.)	A. H. Kaiser.....	2,030	June 11	128	2527
"Spring and Summer Styles 1907." (For Hats).....	Samuel Mundheim Co.....	1,915	Mar. 5	127	390
"Stahl's Special Cold Cuts." (For Cold Meats).....	O. Stahl.....	2,118	Sept. 24	130	1307
"Stick to the Sign of the Fish." (For Oiled Clothing).....	A. J. Tower Co.....	1,957	Apr. 9	127	2392
"Sun Bleach." (For Cotton Piece Goods).....	Burton Bros. & Co.....	1,912	Feb. 26	126	3420
"Swastika." (For Game-Cards).....	S. R. Beal.....	2,155	Nov. 12	131	689
"Swastika and Bid Backs, Five Hundred Playing Cards." (For Playing-Cards.)	United States Playing Card Company.....	2,152	Nov. 12	131	689
"Swastika and Maltese Backs, 45 Texan Playing Cards." (For Playing-Cards.)	United States Playing Card Company.....	2,109	Sept. 10	130	653
"Tailor Exhibiting Cloth." (For Suitings).....	Ed. V. Price & Company.....	1,897	Jan. 29	126	1773
"Teddy-Bear-Bread." (For Bread).....	H. Woelck.....	2,048	July 9	129	868
"Tel-Lock." (For a Telephone-Lock).....	G. W. Hunt.....	2,064	July 23	129	1607
"Temptation." (For Liquors).....	Meyercord Company.....	1,875	Jan. 1	126	385
"The Adviser." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Company.....	2,060	July 23	129	1607
"The Alarm Clock." (For a Cereal Breakfast Food).....	Cream of Wheat Company.....	1,943	Apr. 2	127	1990
"The B. V. D. Way." (For Undershirts and Drawers).....	Erlanger Bros.....	1,908	Feb. 12	126	2587
"The Best Dish in the Cook Book." (For a Cereal Food).....	Cream of Wheat Company.....	1,978	May 7	128	453
"The Best in the Basket." (For Flour).....	Washburn Crosby Company.....	1,918	Mar. 12	127	845
"The Bull Enters the Arena." (For Medicine).....	Mi-Cro-line Medicine Co.....	1,928	Mar. 19	127	1251
"The Bull Ring." (For Medicine).....	Mi-Cro-line Medicine Co.....	1,929	Mar. 19	127	1251
"The Bull Rushes on the Bandarillero." (For Medicine).....	Mi-Cro-line Medicine Co.....	1,930	Mar. 19	127	1251
"The Chef and The Turkeys." (For a Breakfast Food).....	Cream of Wheat Co.....	2,131	Oct. 8	130	1686
"The Dyspeptic's Dream." (For Dyspepsia-Tablets).....	Dr. Richards Dyspepsia Tablet Association.....	2,175	Dec. 17	131	1938
"The Elwell Bridge Pad." (For Bridge-Pads).....	E. P. Dutton & Company.....	1,890	Jan. 15	126	1062
"The Everet Piano." (For Pianos).....	John Church Company.....	2,150	Nov. 5	131	357
"The Famous Beers." (For Jewelry).....	Paye and Baker Manufacturing Company.....	2,027	June 11	128	2527
"The Flour of the Hour." (For Flour).....	L. P. Hubbard.....	1,961	Apr. 16	127	2814
"The Food You Never Tire Of." (For a Cereal Breakfast Food).....	Cream of Wheat Company.....	1,885	Jan. 15	126	1062
"The Friends of Labor." (For Overall).....	Sweet-Orr & Co.....	1,904	Feb. 5	126	2187
"The 'Handy Stick' with the 'Hollow End' Handle." (For Belt-Dressings.)	Black Diamond Manufacturing Co.....	1,982	May 7	128	453
"The Harvard Piano." (For Pianos).....	John Church Company.....	2,149	Nov. 5	131	357
"The Home of Falstaff." (For Beer).....	Wm. J. Lemp Brewing Co.....	2,107	Sept. 10	130	653
"The Home of the Famous Monarch of All Beers." (For Beer).....	A. Tiemann.....	1,880	Jan. 8	126	755
"The House of a Thousand Tailors." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Company.....	1,907	Feb. 12	126	2587
"The Household Surgeon." (For Antiseptic Healing-Oil).....	Paris Medicine Company.....	1,948	Apr. 2	127	1990
"The Interlocking Rubber Tile Girl." (For Interlocking Rubber Tiling.)	New York Belting & Packing Co.....	2,007	May 28	128	1686
"The Japillusion." (For a Remedy for Diseases of the Eyes).....	The Eye-Fix Remedy Co.....	2,187	Dec. 24	131	2142
"The Karbon Keeper." (For Carbon-Paper and Portfolios Therefor.)	F. H. Smith.....	1,983	May 7	128	453
"The Knox." (For Automobiles).....	L. P. Breining.....	2,026	June 4	128	2083
"The Matador With a Sword Kills the Bull." (For Proprietary Medicines.)	Mi-Cro-Line Medicine Co.....	2,028	June 11	128	2527
"The Monroe System." (For Clothing).....	M. Levy & Co.....	2,037	June 25	128	3285
"The New Kite 'Whistling Rufus.'" (For a Kite).....	King Aerial Adv. Co.....	2,046	July 2	129	477
"The Newsboy." (For a Breakfast Food).....	Cream of Wheat Co.....	2,182	Dec. 24	131	2142
"The Orator." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Company.....	2,061	July 23	129	1607
"The Pretty Barmaid." (For Lager-Beer).....	R. Naegeli's Sons.....	2,108	Sept. 10	130	653
"The Professional Baker." (For Flour).....	Washburn Crosby Company.....	1,924	Mar. 12	127	845
"The Spirit of Minneapolis." (For Flour).....	L. P. Hubbard.....	2,059	July 23	129	1607
"The Standard of the Firearms World." (For Firearms).....	Colt's Patent Fire Arms Manufacturing Company.....	2,053	July 9	129	868
"The Sweetheart of the Corn." (For Toasted Corn-Flakes).....	Toasted Corn Flake Co.....	2,172	Dec. 10	131	1684
"The Turnbull Wagon Best on Earth." (For a Wagon).....	G. H. Roberts.....	2,054	July 9	129	868
"The More Cream of Wheat." (For a Breakfast Food).....	Cream of Wheat Co.....	2,183	Dec. 24	131	2142
"The Spirit of Eve, the Texas Microline Girl." (For Proprietary Medicines.)	Mi-Cro-Line Medicine Co.....	2,044	July 2	129	477
"The Wheel Grinds Every Day." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Co.....	2,080	Aug. 6	129	2498
"The World at One Bound." (For Whisky).....	W. Lanahan & Son.....	2,111	Sept. 17	130	975

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Title.	Name.	No.	Date.	Official Gazette.	
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"Tour Backs, Tourists Playing Cards." (For Playing-Cards) ..	United States Playing Card Com- pany.	1,995	May 21	128	1289
"Treat Yourself Right." (For a Brand of Whisky)	Meyercord Company	2,141	Oct. 29	130	2716
"Turkish Cigarettes." (For Turkish Cigarettes)	S. Anargyros	2,041	July 2	129	477
"Twincos Stamping Works." (For Stamped Metal Goods)	Empire State Engineering Co.	2,024	June 4	128	2083
"\$ Two \$ Hats Truly Warner." (For Hats)	T. Warner	1,997	May 21	128	1289
"U. S. S. Peacemaker, The Great Game of Nations." (For a Game.)	C. Dunham	2,160	Nov. 19	131	939
"Use the Lee the Broom With the Guarantee." (For Brooms) ..	Lee Broom & Duster Company ..	1,965	Apr. 23	127	3213
"Vest Chart." (For Men's and Boys' Vests)	Ed. V. Price & Company	2,013	June 4	128	2083
"Victor." (For Type-Writers)	Victor Typewriter Co.	2,105	Sept. 3	130	297
"Victor Checker Board." (For Talking-Machines)	P. F. Collier & Son	1,972	Apr. 23	127	3213
"Warren's Wishbone Patternsett." (For Collar Supports or Foundations.)	Warren Featherbone Co.	1,996	May 21	128	1289
"Water Mark of Quality." (For Paper)	L. L. Brown Paper Company	2,173	Dec. 10	131	1684
"We Ought to Charge More Than We Do—" (For Flour)	Washburn Crosby Company	1,922	Mar. 12	127	845
"We Furnish the Capital." (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Co.	2,079	Aug. 6	129	2498
"Wear College Brand Clothes." (For Clothes)	E. L. Blimline & Company	2,038	June 25	128	3285
"Wear Edesco Clothes." (For Men's Clothing)	E. E. Strauss & Co.	2,126	Oct. 1	130	1481
"What Shall the Harvest Be?" (For a Cereal Food)	Cream of Wheat Company	1,977	May 7	128	453
"What will the harvest be?" (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Company	2,069	July 30	129	2072
"Wheel and Tangent Backs, Bicycle Playing Cards." (For Playing-Cards.)	United States Playing Card Com- pany.	2,011	June 4	128	2083
"White Rolls." (For Cigarettes)	Ware-Kramer Tobacco Company.	2,056	July 16	129	1265
"Who's Your Tailor?" (For Men's and Boys' Coats, Vests, and Trousers.)	Ed. V. Price & Company	1,939	Mar. 26	127	1576
"Wilcut Knives." (For Cutlery)	Wilkinson Shear & Cutlery Co.	1,883	Jan. 15	126	1062
"X-Cel-O." (For Malted Wheat Food)	National Cereal Company	2,049	July 9	129	868
"Yes Mam' Fleischmann's Yeast Makes the Best Root Beer." (For Yeast.)	Stahl and Jaeger	2,035	June 25	128	3285
"You Always Hear Good Reports from Frictionless Metal." (For Frictionless Metal.)	Frictionless Metal Co.	1,896	Jan. 22	126	1354
"Zhongiva." (For Mouth and Gum Washes)	J. J. Ottinger	2,055	July 16	129	1265
"Zimmermann's Sausages." (For Sausages)	M. Zimmermann Company	2,043	July 2	129	477

DISCLAIMERS.

Invention.	Patentee.	No. of patent.	Date of pat- ent.	Disclaimer filed.	Official Gazette.	
					Volume.	Page.
Collecting gas from fermenting liquors	J. Schneible	604,125	May 17, 1898	Mar. 9, 1907	127	853
Convertible car	J. O'Leary	11,992	May 20, 1902	Jan. 7, 1907	126	1068
Elastic-fluid turbine	J. Wilkinson	838,487	Dec. 11, 1906	July 31, 1907	129	3166
Electrical conductor	A. G. Betts	833,290	Oct. 16, 1906	Dec. 26, 1906	126	763
Fireproof windows	F. Voigtmann	600,186	Mar. 8, 1898	Feb. 18, 1907	126	3426
Steam-boilers	G. Engel	577,916	Mar. 2, 1897	Oct. 1, 1907	130	1489
Switch connection	F. C. Anderson	756,771	Apr. 5, 1904	Apr. 15, 1907	127	2821



